

# Libro de datos de ensayos AREI

Hoja de cálculo suministrada con tablas de ensayos y valores registrados.

Texto completo y tablas en el idioma seleccionado. Traducción automática con revisión terminológica y numérica; no es una traducción certificada. Se conservan las afirmaciones de los autores, incluidas las controvertidas. Las notas editoriales se presentan por separado.

Se incluyen todas las hojas, las direcciones de las celdas y los resultados de fórmulas guardados. Las fórmulas se muestran como texto y no se recalculan.

## Nota editorial

Los valores requieren un plan de análisis documentado; no deben convertirse en garantías o afirmaciones agrícolas generales.

[NanoImport — Nota editorial ↗](#)

Hoja de cálculo: remolacha

| Tabla 1             |                                                |                                           |                                  |                                   |                                  |                                    |                                    |                |              |                      |             |                |              |
|---------------------|------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------|----------------------------------|------------------------------------|------------------------------------|----------------|--------------|----------------------|-------------|----------------|--------------|
|                     | Rendimiento de remolacha en Stende, 2025<br>B1 |                                           |                                  |                                   |                                  |                                    |                                    |                |              |                      |             |                |              |
|                     | Cultivo<br>B2                                  | remolacha<br>C2                           |                                  |                                   |                                  |                                    |                                    |                |              |                      |             |                |              |
|                     | Campo<br>B3                                    | SKL 10<br>C3                              |                                  |                                   |                                  |                                    |                                    |                |              |                      |             |                |              |
|                     | Sembrado<br>B4                                 | 26.05.2025.<br>C4                         |                                  |                                   |                                  |                                    |                                    |                |              |                      |             |                |              |
|                     | Cosechado<br>B5                                | 10.-11.09.2025.<br>Olena y Solveiga<br>C5 |                                  |                                   |                                  |                                    |                                    |                |              |                      |             |                |              |
|                     |                                                |                                           | Longitud de las hojas, cm<br>D6  | Masa de las hojas, kg<br>E6       | Peso en kg<br>F6                 | Diámetro de la remolacha, cm<br>G6 | Brix % (contenido de azúcar)<br>H6 | Grandes<br>I6  |              | Tamaño mediano<br>K6 |             | Pequeño<br>M6  |              |
|                     |                                                |                                           |                                  |                                   |                                  |                                    |                                    | unidades<br>I7 | kg<br>J7     | unidades<br>K7       | kg<br>L7    | unidades<br>M7 | kg<br>N7     |
| Tratamiento 1<br>A8 | I<br>B8                                        | 1.0<br>C8                                 | 45.0<br>D8                       | 0.115<br>E8                       | 0.205<br>F8                      | 8.5<br>G8                          | 9.5<br>H8                          | 3.0<br>I8      | 1.305<br>J8  | 16.0<br>K8           | 2.92<br>L8  | 25.0<br>M8     | 0.995<br>N8  |
|                     |                                                | 2.0<br>C9                                 | 42.0<br>D9                       | 0.09<br>E9                        | 0.17<br>F9                       | 8.0<br>G9                          | 7.3<br>H9                          | 2.0<br>I9      | 0.655<br>J9  | 21.0<br>K9           | 3.08<br>L9  | 35.0<br>M9     | 0.925<br>N9  |
|                     |                                                | 3.0<br>C10                                | 45.0<br>D10                      | 0.1<br>E10                        | 0.24<br>F10                      | 7.1<br>G10                         | 7.7<br>H10                         |                |              |                      |             |                |              |
|                     |                                                | 4.0<br>C11                                | 46.0<br>D11                      | 0.13<br>E11                       | 0.255<br>F11                     | 6.2<br>G11                         | 10.6<br>H11                        |                |              |                      |             |                |              |
|                     |                                                | 5.0<br>C12                                | 41.0<br>D12                      | 0.05<br>E12                       | 0.135<br>F12                     | 6.5<br>G12                         | 10.4<br>H12                        |                |              |                      |             |                |              |
|                     | por réplica<br>B13                             |                                           | 43.8<br>D13<br>=AVERAGE(D8:D12)  | 0.097<br>E13<br>=AVERAGE(E8:E12)  | 0.201<br>F13<br>=AVERAGE(F8:F12) | 7.26<br>G13<br>=AVERAGE(G8:G12)    | 9.1<br>H13<br>=AVERAGE(H8:H12)     |                |              |                      |             |                |              |
|                     | II<br>B14                                      | 1.0<br>C14                                | 37.0<br>D14                      | 0.08<br>E14                       | 0.155<br>F14                     | 7.0<br>G14                         | 9.7<br>H14                         | 1.0<br>I14     | 0.46<br>J14  | 6.0<br>K14           | 0.85<br>L14 | 35.0<br>M14    | 1.015<br>N14 |
|                     |                                                | 2.0<br>C15                                | 34.0<br>D15                      | 0.05<br>E15                       | 0.145<br>F15                     | 6.3<br>G15                         | 10.7<br>H15                        | 2.0<br>I15     | 0.685<br>J15 | 25.0<br>K15          | 3.55<br>L15 | 34.0<br>M15    | 1.05<br>N15  |
|                     |                                                | 3.0<br>C16                                | 37.0<br>D16                      | 0.055<br>E16                      | 0.23<br>F16                      | 5.6<br>G16                         | 10.5<br>H16                        |                |              |                      |             |                |              |
|                     |                                                | 4.0<br>C17                                | 39.0<br>D17                      | 0.06<br>E17                       | 0.14<br>F17                      | 5.7<br>G17                         | 10.1<br>H17                        |                |              |                      |             |                |              |
|                     |                                                | 5.0<br>C18                                | 39.0<br>D18                      | 0.065<br>E18                      | 0.13<br>F18                      | 6.0<br>G18                         | 10.7<br>H18                        |                |              |                      |             |                |              |
|                     | por réplica<br>B19                             |                                           | 37.2<br>D19<br>=AVERAGE(D14:D18) | 0.062<br>E19<br>=AVERAGE(E14:E18) | 0.16<br>F19<br>=AVERAGE(F14:F18) | 6.12<br>G19<br>=AVERAGE(G14:G18)   | 10.34<br>H19<br>=AVERAGE(H14:H18)  |                |              |                      |             |                |              |
|                     | III<br>B20                                     | 1.0<br>C20                                | 41.0<br>D20                      | 0.055<br>E20                      | 0.16<br>F20                      | 6.0<br>G20                         | 10.0<br>H20                        | 0.0<br>I20     | 0.0<br>J20   | 7.0<br>K20           | 0.89<br>L20 | 17.0<br>M20    | 0.325<br>N20 |
|                     |                                                | 2.0<br>C21                                | 40.0<br>D21                      | 0.07<br>E21                       | 0.12<br>F21                      | 6.8<br>G21                         | 10.2<br>H21                        | 3.0<br>I21     | 0.92<br>J21  | 25.0<br>K21          | 3.83<br>L21 | 22.0<br>M21    | 0.775<br>N21 |

|                      |                        |            |                                         |                                            |                                          |                                         |                                          |                                   |                                      |                                    |                                      |                                    |                                      |
|----------------------|------------------------|------------|-----------------------------------------|--------------------------------------------|------------------------------------------|-----------------------------------------|------------------------------------------|-----------------------------------|--------------------------------------|------------------------------------|--------------------------------------|------------------------------------|--------------------------------------|
|                      |                        | 3.0<br>C22 | 39.0<br>D22                             | 0.075<br>E22                               | 0.135<br>F22                             | 6.5<br>G22                              | 11.4<br>H22                              |                                   |                                      |                                    |                                      |                                    |                                      |
|                      |                        | 4.0<br>C23 | 45.0<br>D23                             | 0.1<br>E23                                 | 0.19<br>F23                              | 6.2<br>G23                              | 10.9<br>H23                              |                                   |                                      |                                    |                                      |                                    |                                      |
|                      |                        | 5.0<br>C24 | 41.0<br>D24                             | 0.075<br>E24                               | 0.175<br>F24                             | 6.7<br>G24                              | 10.6<br>H24                              |                                   |                                      |                                    |                                      |                                    |                                      |
|                      | por réplica<br>B25     |            | 41.2<br>D25<br>=AVERAGE (D20:D24)       | 0.075<br>E25<br>=AVERAGE (E20:E24)         | 0.156<br>F25<br>=AVERAGE (F20:F24)       | 6.44<br>G25<br>=AVERAGE (G20:G24)       | 10.62<br>H25<br>=AVERAGE (H20:H24)       |                                   |                                      |                                    |                                      |                                    |                                      |
|                      | IV<br>B26              | 1.0<br>C26 | 35.0<br>D26                             | 0.075<br>E26                               | 0.24<br>F26                              | 7.8<br>G26                              | 10.3<br>H26                              | 0.0<br>I26                        | 0.0<br>J26                           | 23.0<br>K26                        | 2.54<br>L26                          | 27.0<br>M26                        | 0.89<br>N26                          |
|                      |                        | 2.0<br>C27 | 39.0<br>D27                             | 0.08<br>E27                                | 0.28<br>F27                              | 8.2<br>G27                              | 11.3<br>H27                              | 4.0<br>I27                        | 1.81<br>J27                          | 34.0<br>K27                        | 4.615<br>L27                         | 20.0<br>M27                        | 0.61<br>N27                          |
|                      |                        | 3.0<br>C28 | 47.0<br>D28                             | 0.055<br>E28                               | 0.18<br>F28                              | 7.4<br>G28                              | 10.4<br>H28                              |                                   |                                      |                                    |                                      |                                    |                                      |
|                      |                        | 4.0<br>C29 | 32.0<br>D29                             | 0.09<br>E29                                | 0.215<br>F29                             | 6.5<br>G29                              | 11.3<br>H29                              |                                   |                                      |                                    |                                      |                                    |                                      |
|                      |                        | 5.0<br>C30 | 38.0<br>D30                             | 0.055<br>E30                               | 0.18<br>F30                              | 7.2<br>G30                              | 10.6<br>H30                              |                                   |                                      |                                    |                                      |                                    |                                      |
|                      | por réplica<br>B31     |            | 38.2<br>D31<br>=AVERAGE (D26:D30)       | 0.071<br>E31<br>=AVERAGE (E26:E30)         | 0.219<br>F31<br>=AVERAGE (F26:F30)       | 7.42<br>G31<br>=AVERAGE (G26:G30)       | 10.78<br>H31<br>=AVERAGE (H26:H30)       |                                   |                                      |                                    |                                      |                                    |                                      |
|                      | por tratamiento<br>B32 |            | 40.1<br>D32<br>=SUM (D13+D19+D25+D31)/4 | 0.07625<br>E32<br>=SUM (E13+E19+E25+E31)/4 | 0.184<br>F32<br>=SUM (F13+F19+F25+F31)/4 | 6.81<br>G32<br>=SUM (G13+G19+G25+G31)/4 | 10.21<br>H32<br>=SUM (H13+H19+H25+H31)/4 | 1.875<br>I32<br>=AVERAGE (I8:I31) | 0.729375<br>J32<br>=AVERAGE (J8:J31) | 19.625<br>K32<br>=AVERAGE (K8:K31) | 2.784375<br>L32<br>=AVERAGE (L8:L31) | 26.875<br>M32<br>=AVERAGE (M8:M31) | 0.823125<br>N32<br>=AVERAGE (N8:N31) |
| Tratamiento 2<br>A33 | I<br>B33               | 1.0<br>C33 | 38.0<br>D33                             | 0.075<br>E33                               | 0.22<br>F33                              | 7.3<br>G33                              | 12.1<br>H33                              | 7.0<br>I33                        | 3.6<br>J33                           | 26.0<br>K33                        | 4.155<br>L33                         | 9.0<br>M33                         | 0.34<br>N33                          |
|                      |                        | 2.0<br>C34 | 40.0<br>D34                             | 0.08<br>E34                                | 0.19<br>F34                              | 6.5<br>G34                              | 10.4<br>H34                              | 2.0<br>I34                        | 1.185<br>J34                         | 26.0<br>K34                        | 4.725<br>L34                         | 17.0<br>M34                        | 0.56<br>N34                          |
|                      |                        | 3.0<br>C35 | 41.0<br>D35                             | 0.095<br>E35                               | 0.245<br>F35                             | 7.1<br>G35                              | 9.7<br>H35                               |                                   |                                      |                                    |                                      |                                    |                                      |
|                      |                        | 4.0<br>C36 | 52.0<br>D36                             | 0.125<br>E36                               | 0.235<br>F36                             | 6.8<br>G36                              | 10.8<br>H36                              |                                   |                                      |                                    |                                      |                                    |                                      |
|                      |                        | 5.0<br>C37 | 40.0<br>D37                             | 0.085<br>E37                               | 0.23<br>F37                              | 7.5<br>G37                              | 12.1<br>H37                              |                                   |                                      |                                    |                                      |                                    |                                      |
|                      | por réplica<br>B38     |            | 42.2<br>D38<br>=AVERAGE (D33:D37)       | 0.092<br>E38<br>=AVERAGE (E33:E37)         | 0.224<br>F38<br>=AVERAGE (F33:F37)       | 7.04<br>G38<br>=AVERAGE (G33:G37)       | 11.02<br>H38<br>=AVERAGE (H33:H37)       |                                   |                                      |                                    |                                      |                                    |                                      |
|                      | II<br>B39              | 1.0<br>C39 | 52.0<br>D39                             | 0.09<br>E39                                | 0.19<br>F39                              | 6.4<br>G39                              | 11.3<br>H39                              | 2.0<br>I39                        | 1.04<br>J39                          | 16.0<br>K39                        | 2.31<br>L39                          | 20.0<br>M39                        | 0.7<br>N39                           |
|                      |                        | 2.0<br>C40 | 42.0<br>D40                             | 0.055<br>E40                               | 0.215<br>F40                             | 7.2<br>G40                              | 11.4<br>H40                              | 3.0<br>I40                        | 1.32<br>J40                          | 28.0<br>K40                        | 4.19<br>L40                          | 60.0<br>M40                        | 0.56<br>N40                          |
|                      |                        | 3.0<br>C41 | 42.0<br>D41                             | 0.05<br>E41                                | 0.225<br>F41                             | 7.0<br>G41                              | 9.9<br>H41                               |                                   |                                      |                                    |                                      |                                    |                                      |
|                      |                        | 4.0<br>C42 | 41.0<br>D42                             | 0.1<br>E42                                 | 0.23<br>F42                              | 8.0<br>G42                              | 9.2<br>H42                               |                                   |                                      |                                    |                                      |                                    |                                      |
|                      |                        | 5.0<br>C43 | 43.0<br>D43                             | 0.075<br>E43                               | 0.195<br>F43                             | 6.6<br>G43                              | 12.2<br>H43                              |                                   |                                      |                                    |                                      |                                    |                                      |
|                      | por réplica<br>B44     |            | 44<br>D44<br>=AVERAGE (D39:D43)         | 0.074<br>E44<br>=AVERAGE (E39:E43)         | 0.211<br>F44<br>=AVERAGE (F39:F43)       | 7.04<br>G44<br>=AVERAGE (G39:G43)       | 10.8<br>H44<br>=AVERAGE (H39:H43)        |                                   |                                      |                                    |                                      |                                    |                                      |
|                      | III<br>B45             | 1.0<br>C45 | 43.0<br>D45                             | 0.065<br>E45                               | 0.15<br>F45                              | 7.3<br>G45                              | 12.0<br>H45                              | 2.0<br>I45                        | 0.705<br>J45                         | 25.0<br>K45                        | 3.76<br>L45                          | 26.0<br>M45                        | 0.8<br>N45                           |

|                      |                        |            |                                        |                                           |                                          |                                        |                                          |                               |                                   |                                |                                     |                                    |                                      |
|----------------------|------------------------|------------|----------------------------------------|-------------------------------------------|------------------------------------------|----------------------------------------|------------------------------------------|-------------------------------|-----------------------------------|--------------------------------|-------------------------------------|------------------------------------|--------------------------------------|
|                      |                        | 2.0<br>C46 | 50.0<br>D46                            | 0.09<br>E46                               | 0.245<br>F46                             | 6.4<br>G46                             | 12.3<br>H46                              | 2.0<br>I46                    | 0.79<br>J46                       | 28.0<br>K46                    | 4.405<br>L46                        | 26.0<br>M46                        | 0.835<br>N46                         |
|                      |                        | 3.0<br>C47 | 52.0<br>D47                            | 0.1<br>E47                                | 0.265<br>F47                             | 6.4<br>G47                             | 12.5<br>H47                              |                               |                                   |                                |                                     |                                    |                                      |
|                      |                        | 4.0<br>C48 | 44.0<br>D48                            | 0.055<br>E48                              | 0.205<br>F48                             | 5.7<br>G48                             | 12.6<br>H48                              |                               |                                   |                                |                                     |                                    |                                      |
|                      |                        | 5.0<br>C49 | 43.0<br>D49                            | 0.07<br>E49                               | 0.195<br>F49                             | 7.1<br>G49                             | 11.1<br>H49                              |                               |                                   |                                |                                     |                                    |                                      |
|                      | por réplica<br>B50     |            | 46.4<br>D50<br>=AVERAGE(D45:D49)       | 0.076<br>E50<br>=AVERAGE(E45:E49)         | 0.212<br>F50<br>=AVERAGE(F45:F49)        | 6.58<br>G50<br>=AVERAGE(G45:G49)       | 12.1<br>H50<br>=AVERAGE(H45:H49)         |                               |                                   |                                |                                     |                                    |                                      |
|                      | IV<br>B51              | 1.0<br>C51 | 49.0<br>D51                            | 0.095<br>E51                              | 0.21<br>F51                              | 7.9<br>G51                             | 12.0<br>H51                              | 3.0<br>I51                    | 1.525<br>J51                      | 22.0<br>K51                    | 3.155<br>L51                        | 19.0<br>M51                        | 0.715<br>N51                         |
|                      |                        | 2.0<br>C52 | 49.0<br>D52                            | 0.1<br>E52                                | 0.255<br>F52                             | 7.6<br>G52                             | 12.8<br>H52                              | 3.0<br>I52                    | 1.315<br>J52                      | 21.0<br>K52                    | 4.53<br>L52                         | 14.0<br>M52                        | 0.545<br>N52                         |
|                      |                        | 3.0<br>C53 | 45.0<br>D53                            | 0.08<br>E53                               | 0.17<br>F53                              | 8.8<br>G53                             | 12.3<br>H53                              |                               |                                   |                                |                                     |                                    |                                      |
|                      |                        | 4.0<br>C54 | 51.0<br>D54                            | 0.12<br>E54                               | 0.305<br>F54                             | 5.8<br>G54                             | 13.1<br>H54                              |                               |                                   |                                |                                     |                                    |                                      |
|                      |                        | 5.0<br>C55 | 41.0<br>D55                            | 0.08<br>E55                               | 0.135<br>F55                             | 5.4<br>G55                             | 12.9<br>H55                              |                               |                                   |                                |                                     |                                    |                                      |
|                      | por réplica<br>B56     |            | 47<br>D56<br>=AVERAGE(D51:D55)         | 0.095<br>E56<br>=AVERAGE(E51:E55)         | 0.215<br>F56<br>=AVERAGE(F51:F55)        | 7.1<br>G56<br>=AVERAGE(G51:G55)        | 12.62<br>H56<br>=AVERAGE(H51:H55)        |                               |                                   |                                |                                     |                                    |                                      |
|                      | por tratamiento<br>B57 |            | 44.9<br>D57<br>=SUM(D38+D44+D50+D56)/4 | 0.08425<br>E57<br>=SUM(E38+E44+E50+E56)/4 | 0.2155<br>F57<br>=SUM(F38+F44+F50+F56)/4 | 6.94<br>G57<br>=SUM(G38+G44+G50+G56)/4 | 11.635<br>H57<br>=SUM(H38+H44+H50+H56)/4 | 3<br>I57<br>=AVERAGE(I33:I56) | 1.435<br>J57<br>=AVERAGE(J33:J56) | 24<br>K57<br>=AVERAGE(K33:K56) | 3.90375<br>L57<br>=AVERAGE(L33:L56) | 23.875<br>M57<br>=AVERAGE(M33:M56) | 0.631875<br>N57<br>=AVERAGE(N33:N56) |
| Tratamiento 3<br>A58 | I<br>B58               | 1.0<br>C58 | 41.0<br>D58                            | 0.08<br>E58                               | 0.225<br>F58                             | 7.1<br>G58                             | 11.7<br>H58                              | 1.0<br>I58                    | 0.515<br>J58                      | 24.0<br>K58                    | 3.865<br>L58                        | 25.0<br>M58                        | 0.835<br>N58                         |
|                      |                        | 2.0<br>C59 | 42.0<br>D59                            | 0.195<br>E59                              | 0.275<br>F59                             | 7.4<br>G59                             | 11.2<br>H59                              | 0.0<br>I59                    | 0.0<br>J59                        | 25.0<br>K59                    | 4.26<br>L59                         | 30.0<br>M59                        | 1.015<br>N59                         |
|                      |                        | 3.0<br>C60 | 44.0<br>D60                            | 0.1<br>E60                                | 0.29<br>F60                              | 7.3<br>G60                             | 11.5<br>H60                              |                               |                                   |                                |                                     |                                    |                                      |
|                      |                        | 4.0<br>C61 | 43.0<br>D61                            | 0.13<br>E61                               | 0.26<br>F61                              | 6.5<br>G61                             | 10.1<br>H61                              |                               |                                   |                                |                                     |                                    |                                      |
|                      |                        | 5.0<br>C62 | 37.0<br>D62                            | 0.105<br>E62                              | 0.22<br>F62                              | 8.8<br>G62                             | 9.1<br>H62                               |                               |                                   |                                |                                     |                                    |                                      |
|                      | por réplica<br>B63     |            | 41.4<br>D63<br>=AVERAGE(D58:D62)       | 0.122<br>E63<br>=AVERAGE(E58:E62)         | 0.254<br>F63<br>=AVERAGE(F58:F62)        | 7.42<br>G63<br>=AVERAGE(G58:G62)       | 10.72<br>H63<br>=AVERAGE(H58:H62)        |                               |                                   |                                |                                     |                                    |                                      |
|                      | II<br>B64              | 1.0<br>C64 | 43.0<br>D64                            | 1.14<br>E64                               | 0.25<br>F64                              | 7.8<br>G64                             | 11.4<br>H64                              | 1.0<br>I64                    | 0.355<br>J64                      | 22.0<br>K64                    | 2.74<br>L64                         | 21.0<br>M64                        | 0.715<br>N64                         |
|                      |                        | 2.0<br>C65 | 39.0<br>D65                            | 0.08<br>E65                               | 0.27<br>F65                              | 8.0<br>G65                             | 12.0<br>H65                              | 0.0<br>I65                    | 0.0<br>J65                        | 25.0<br>K65                    | 3.74<br>L65                         | 34.0<br>M65                        | 1.27<br>N65                          |
|                      |                        | 3.0<br>C66 | 53.0<br>D66                            | 0.15<br>E66                               | 0.21<br>F66                              | 8.6<br>G66                             | 12.4<br>H66                              |                               |                                   |                                |                                     |                                    |                                      |
|                      |                        | 4.0<br>C67 | 44.0<br>D67                            | 0.105<br>E67                              | 0.28<br>F67                              | 7.2<br>G67                             | 8.7<br>H67                               |                               |                                   |                                |                                     |                                    |                                      |
|                      |                        | 5.0<br>C68 | 43.0<br>D68                            | 0.12<br>E68                               | 0.25<br>F68                              | 7.2<br>G68                             | 11.6<br>H68                              |                               |                                   |                                |                                     |                                    |                                      |
|                      | por réplica<br>B69     |            | 44.4<br>D69<br>=AVERAGE(D64:D68)       | 0.319<br>E69<br>=AVERAGE(E64:E68)         | 0.252<br>F69<br>=AVERAGE(F64:F68)        | 7.76<br>G69<br>=AVERAGE(G64:G68)       | 11.22<br>H69<br>=AVERAGE(H64:H68)        |                               |                                   |                                |                                     |                                    |                                      |

|                      |                        |            |                                      |                                         |                                           |                                        |                                         |                                   |                                      |                                    |                                     |                                    |                                    |
|----------------------|------------------------|------------|--------------------------------------|-----------------------------------------|-------------------------------------------|----------------------------------------|-----------------------------------------|-----------------------------------|--------------------------------------|------------------------------------|-------------------------------------|------------------------------------|------------------------------------|
|                      | III<br>B70             | 1.0<br>C70 | 39.0<br>D70                          | 0.09<br>E70                             | 0.32<br>F70                               | 8.7<br>G70                             | 12.9<br>H70                             | 1.0<br>I70                        | 0.635<br>J70                         | 11.0<br>K70                        | 1.71<br>L70                         | 39.0<br>M70                        | 1.21<br>N70                        |
|                      |                        | 2.0<br>C71 | 38.0<br>D71                          | 0.1<br>E71                              | 0.245<br>F71                              | 7.3<br>G71                             | 9.3<br>H71                              | 2.0<br>I71                        | 1.02<br>J71                          | 21.0<br>K71                        | 3.015<br>L71                        | 23.0<br>M71                        | 0.915<br>N71                       |
|                      |                        | 3.0<br>C72 | 37.0<br>D72                          | 0.105<br>E72                            | 0.2<br>F72                                | 8.8<br>G72                             | 11.0<br>H72                             |                                   |                                      |                                    |                                     |                                    |                                    |
|                      |                        | 4.0<br>C73 | 46.0<br>D73                          | 0.105<br>E73                            | 0.27<br>F73                               | 8.0<br>G73                             | 10.8<br>H73                             |                                   |                                      |                                    |                                     |                                    |                                    |
|                      |                        | 5.0<br>C74 | 41.0<br>D74                          | 0.095<br>E74                            | 0.25<br>F74                               | 6.1<br>G74                             | 9.4<br>H74                              |                                   |                                      |                                    |                                     |                                    |                                    |
|                      | por réplica<br>B75     |            | 40.2<br>D75<br>=AVERAGE(D70:D74)     | 0.099<br>E75<br>=AVERAGE(E70:E74)       | 0.257<br>F75<br>=AVERAGE(F70:F74)         | 7.78<br>G75<br>=AVERAGE(G70:G74)       | 10.68<br>H75<br>=AVERAGE(H70:H74)       |                                   |                                      |                                    |                                     |                                    |                                    |
|                      | IV<br>B76              | 1.0<br>C76 | 43.0<br>D76                          | 0.14<br>E76                             | 0.305<br>F76                              | 7.4<br>G76                             | 13.1<br>H76                             | 2.0<br>I76                        | 0.84<br>J76                          | 13.0<br>K76                        | 1.515<br>L76                        | 35.0<br>M76                        | 1.36<br>N76                        |
|                      |                        | 2.0<br>C77 | 43.0<br>D77                          | 0.14<br>E77                             | 0.225<br>F77                              | 6.6<br>G77                             | 13.4<br>H77                             | 4.0<br>I77                        | 2.07<br>J77                          | 26.0<br>K77                        | 4.345<br>L77                        | 22.0<br>M77                        | 0.9<br>N77                         |
|                      |                        | 3.0<br>C78 | 39.0<br>D78                          | 0.085<br>E78                            | 0.245<br>F78                              | 6.8<br>G78                             | 11.4<br>H78                             |                                   |                                      |                                    |                                     |                                    |                                    |
|                      |                        | 4.0<br>C79 | 46.0<br>D79                          | 0.115<br>E79                            | 0.225<br>F79                              | 7.5<br>G79                             | 9.7<br>H79                              |                                   |                                      |                                    |                                     |                                    |                                    |
|                      |                        | 5.0<br>C80 | 39.0<br>D80                          | 0.14<br>E80                             | 0.21<br>F80                               | 6.5<br>G80                             | 10.9<br>H80                             |                                   |                                      |                                    |                                     |                                    |                                    |
|                      | por réplica<br>B81     |            | 42<br>D81<br>=AVERAGE(D76:D80)       | 0.124<br>E81<br>=AVERAGE(E76:E80)       | 0.242<br>F81<br>=AVERAGE(F76:F80)         | 6.96<br>G81<br>=AVERAGE(G76:G80)       | 11.7<br>H81<br>=AVERAGE(H76:H80)        |                                   |                                      |                                    |                                     |                                    |                                    |
|                      | por tratamiento<br>B82 |            | 42<br>D82<br>=SUM(D63+D69+D75+D81)/4 | 0.166<br>E82<br>=SUM(E63+E69+E75+E81)/4 | 0.25125<br>F82<br>=SUM(F63+F69+F75+F81)/4 | 7.48<br>G82<br>=SUM(G63+G69+G75+G81)/4 | 11.08<br>H82<br>=SUM(H63+H69+H75+H81)/4 | 1.375<br>I82<br>=AVERAGE(I58:I81) | 0.679375<br>J82<br>=AVERAGE(J58:J81) | 20.875<br>K82<br>=AVERAGE(K58:K81) | 3.14875<br>L82<br>=AVERAGE(L58:L81) | 28.625<br>M82<br>=AVERAGE(M58:M81) | 1.0275<br>N82<br>=AVERAGE(N58:N81) |
| Tratamiento 4<br>A83 | I<br>B83               | 1.0<br>C83 | 40.0<br>D83                          | 0.115<br>E83                            | 0.275<br>F83                              | 7.5<br>G83                             | 12.8<br>H83                             | 5.0<br>I83                        | 2.135<br>J83                         | 18.0<br>K83                        | 2.5<br>L83                          | 20.0<br>M83                        | 0.795<br>N83                       |
|                      |                        | 2.0<br>C84 | 40.0<br>D84                          | 0.08<br>E84                             | 0.21<br>F84                               | 7.2<br>G84                             | 11.9<br>H84                             | 2.0<br>I84                        | 1.4<br>J84                           | 14.0<br>K84                        | 2.72<br>L84                         | 21.0<br>M84                        | 1.035<br>N84                       |
|                      |                        | 3.0<br>C85 | 36.0<br>D85                          | 0.075<br>E85                            | 0.24<br>F85                               | 7.0<br>G85                             | 12.4<br>H85                             |                                   |                                      |                                    |                                     |                                    |                                    |
|                      |                        | 4.0<br>C86 | 46.0<br>D86                          | 0.08<br>E86                             | 0.165<br>F86                              | 6.4<br>G86                             | 12.5<br>H86                             |                                   |                                      |                                    |                                     |                                    |                                    |
|                      |                        | 5.0<br>C87 | 43.0<br>D87                          | 0.075<br>E87                            | 0.25<br>F87                               | 7.5<br>G87                             | 10.2<br>H87                             |                                   |                                      |                                    |                                     |                                    |                                    |
|                      | por réplica<br>B88     |            | 41<br>D88<br>=AVERAGE(D83:D87)       | 0.085<br>E88<br>=AVERAGE(E83:E87)       | 0.228<br>F88<br>=AVERAGE(F83:F87)         | 7.12<br>G88<br>=AVERAGE(G83:G87)       | 11.96<br>H88<br>=AVERAGE(H83:H87)       |                                   |                                      |                                    |                                     |                                    |                                    |
|                      | II<br>B89              | 1.0<br>C89 | 42.0<br>D89                          | 0.09<br>E89                             | 0.21<br>F89                               | 6.5<br>G89                             | 13.7<br>H89                             | 2.0<br>I89                        | 0.86<br>J89                          | 17.0<br>K89                        | 2.82<br>L89                         | 28.0<br>M89                        | 1.015<br>N89                       |
|                      |                        | 2.0<br>C90 | 47.0<br>D90                          | 0.12<br>E90                             | 0.215<br>F90                              | 6.4<br>G90                             | 12.1<br>H90                             | 0.0<br>I90                        | 0.0<br>J90                           | 29.0<br>K90                        | 4.945<br>L90                        | 40.0<br>M90                        | 1.34<br>N90                        |
|                      |                        | 3.0<br>C91 | 43.0<br>D91                          | 0.11<br>E91                             | 0.19<br>F91                               | 7.6<br>G91                             | 10.0<br>H91                             |                                   |                                      |                                    |                                     |                                    |                                    |
|                      |                        | 4.0<br>C92 | 41.0<br>D92                          | 0.085<br>E92                            | 0.175<br>F92                              | 7.0<br>G92                             | 10.2<br>H92                             |                                   |                                      |                                    |                                     |                                    |                                    |
|                      |                        | 5.0<br>C93 | 48.0<br>D93                          | 0.125<br>E93                            | 0.225<br>F93                              | 6.6<br>G93                             | 9.7<br>H93                              |                                   |                                      |                                    |                                     |                                    |                                    |

|                       |                         |             |                                             |                                               |                                               |                                             |                                              |                                  |                                       |                                       |                                        |                                     |                                         |
|-----------------------|-------------------------|-------------|---------------------------------------------|-----------------------------------------------|-----------------------------------------------|---------------------------------------------|----------------------------------------------|----------------------------------|---------------------------------------|---------------------------------------|----------------------------------------|-------------------------------------|-----------------------------------------|
|                       | por réplica<br>B94      |             | 44.2<br>D94<br>=AVERAGE (D89:D93)           | 0.106<br>E94<br>=AVERAGE (E89:E93)            | 0.203<br>F94<br>=AVERAGE (F89:F93)            | 6.82<br>G94<br>=AVERAGE (G89:G93)           | 11.14<br>H94<br>=AVERAGE (H89:H93)           |                                  |                                       |                                       |                                        |                                     |                                         |
|                       | III<br>B95              | 1.0<br>C95  | 37.0<br>D95                                 | 0.06<br>E95                                   | 0.17<br>F95                                   | 6.5<br>G95                                  | 10.5<br>H95                                  | 0.0<br>I95                       | 0.0<br>J95                            | 22.0<br>K95                           | 3.225<br>L95                           | 39.0<br>M95                         | 1.435<br>N95                            |
|                       |                         | 2.0<br>C96  | 40.0<br>D96                                 | 0.1<br>E96                                    | 0.295<br>F96                                  | 7.0<br>G96                                  | 10.5<br>H96                                  | 4.0<br>I96                       | 1.535<br>J96                          | 30.0<br>K96                           | 4.765<br>L96                           | 34.0<br>M96                         | 1.46<br>N96                             |
|                       |                         | 3.0<br>C97  | 42.0<br>D97                                 | 0.08<br>E97                                   | 0.175<br>F97                                  | 6.4<br>G97                                  | 9.6<br>H97                                   |                                  |                                       |                                       |                                        |                                     |                                         |
|                       |                         | 4.0<br>C98  | 44.0<br>D98                                 | 0.09<br>E98                                   | 0.195<br>F98                                  | 8.0<br>G98                                  | 12.2<br>H98                                  |                                  |                                       |                                       |                                        |                                     |                                         |
|                       |                         | 5.0<br>C99  | 34.0<br>D99                                 | 0.065<br>E99                                  | 0.205<br>F99                                  | 7.2<br>G99                                  | 11.5<br>H99                                  |                                  |                                       |                                       |                                        |                                     |                                         |
|                       | por réplica<br>B100     |             | 39.4<br>D100<br>=AVERAGE (D95:D99)          | 0.079<br>E100<br>=AVERAGE (E95:E99)           | 0.208<br>F100<br>=AVERAGE (F95:F99)           | 7.02<br>G100<br>=AVERAGE (G95:G99)          | 10.86<br>H100<br>=AVERAGE (H95:H99)          |                                  |                                       |                                       |                                        |                                     |                                         |
|                       | IV<br>B101              | 1.0<br>C101 | 40.0<br>D101                                | 0.08<br>E101                                  | 0.165<br>F101                                 | 7.1<br>G101                                 | 7.0<br>H101                                  | 0.0<br>I101                      | 0.0<br>J101                           | 17.0<br>K101                          | 2.15<br>L101                           | 34.0<br>M101                        | 0.98<br>N101                            |
|                       |                         | 2.0<br>C102 | 36.0<br>D102                                | 0.07<br>E102                                  | 0.18<br>F102                                  | 6.3<br>G102                                 | 8.8<br>H102                                  | 3.0<br>I102                      | 1.37<br>J102                          | 32.0<br>K102                          | 5.605<br>L102                          | 28.0<br>M102                        | 1.095<br>N102                           |
|                       |                         | 3.0<br>C103 | 45.0<br>D103                                | 0.095<br>E103                                 | 0.24<br>F103                                  | 6.2<br>G103                                 | 9.4<br>H103                                  |                                  |                                       |                                       |                                        |                                     |                                         |
|                       |                         | 4.0<br>C104 | 44.0<br>D104                                | 0.09<br>E104                                  | 0.235<br>F104                                 | 6.6<br>G104                                 | 9.0<br>H104                                  |                                  |                                       |                                       |                                        |                                     |                                         |
|                       |                         | 5.0<br>C105 | 43.0<br>D105                                | 0.07<br>E105                                  | 0.17<br>F105                                  | 7.1<br>G105                                 | 9.7<br>H105                                  |                                  |                                       |                                       |                                        |                                     |                                         |
|                       | por réplica<br>B106     |             | 41.6<br>D106<br>=AVERAGE (D101:D105)        | 0.081<br>E106<br>=AVERAGE (E101:E105)         | 0.198<br>F106<br>=AVERAGE (F101:F105)         | 6.66<br>G106<br>=AVERAGE (G101:G105)        | 8.78<br>H106<br>=AVERAGE (H101:H105)         |                                  |                                       |                                       |                                        |                                     |                                         |
|                       | por tratamiento<br>B107 |             | 41.55<br>D107<br>=SUM (D88+D94+D100+D106)/4 | 0.08775<br>E107<br>=SUM (E88+E94+E100+E106)/4 | 0.20925<br>F107<br>=SUM (F88+F94+F100+F106)/4 | 6.905<br>G107<br>=SUM (G88+G94+G100+G106)/4 | 10.685<br>H107<br>=SUM (H88+H94+H100+H106)/4 | 2<br>I107<br>=AVERAGE (I83:I105) | 0.9125<br>J107<br>=AVERAGE (J83:J105) | 22.375<br>K107<br>=AVERAGE (K83:K105) | 3.59125<br>L107<br>=AVERAGE (L83:L105) | 30.5<br>M107<br>=AVERAGE (M83:M105) | 1.144375<br>N107<br>=AVERAGE (N83:N105) |
| Tratamiento 5<br>A108 | I<br>B108               | 1.0<br>C108 | 47.0<br>D108                                | 0.12<br>E108                                  | 0.325<br>F108                                 | 7.1<br>G108                                 | 13.0<br>H108                                 | 2.0<br>I108                      | 1.335<br>J108                         | 30.0<br>K108                          | 5.13<br>L108                           | 24.0<br>M108                        | 0.805<br>N108                           |
|                       |                         | 2.0<br>C109 | 45.0<br>D109                                | 0.11<br>E109                                  | 0.235<br>F109                                 | 9.0<br>G109                                 | 10.4<br>H109                                 | 6.0<br>I109                      | 2.92<br>J109                          | 17.0<br>K109                          | 3.22<br>L109                           | 29.0<br>M109                        | 0.95<br>N109                            |
|                       |                         | 3.0<br>C110 | 45.0<br>D110                                | 0.115<br>E110                                 | 0.31<br>F110                                  | 7.0<br>G110                                 | 12.8<br>H110                                 |                                  |                                       |                                       |                                        |                                     |                                         |
|                       |                         | 4.0<br>C111 | 50.0<br>D111                                | 0.075<br>E111                                 | 0.185<br>F111                                 | 6.7<br>G111                                 | 12.7<br>H111                                 |                                  |                                       |                                       |                                        |                                     |                                         |
|                       |                         | 5.0<br>C112 | 46.0<br>D112                                | 0.135<br>E112                                 | 0.44<br>F112                                  | 7.9<br>G112                                 | 13.8<br>H112                                 |                                  |                                       |                                       |                                        |                                     |                                         |
|                       | por réplica<br>B113     |             | 46.6<br>D113<br>=AVERAGE (D108:D112)        | 0.111<br>E113<br>=AVERAGE (E108:E112)         | 0.299<br>F113<br>=AVERAGE (F108:F112)         | 7.54<br>G113<br>=AVERAGE (G108:G112)        | 12.54<br>H113<br>=AVERAGE (H108:H112)        |                                  |                                       |                                       |                                        |                                     |                                         |
|                       | II<br>B114              | 1.0<br>C114 | 50.0<br>D114                                | 0.125<br>E114                                 | 0.29<br>F114                                  | 8.4<br>G114                                 | 13.9<br>H114                                 | 1.0<br>I114                      | 1.09<br>J114                          | 14.0<br>K114                          | 2.38<br>L114                           | 27.0<br>M114                        | 0.81<br>N114                            |
|                       |                         | 2.0<br>C115 | 39.0<br>D115                                | 0.09<br>E115                                  | 0.19<br>F115                                  | 8.0<br>G115                                 | 11.4<br>H115                                 | 4.0<br>I115                      | 2.195<br>J115                         | 23.0<br>K115                          | 4.89<br>L115                           | 24.0<br>M115                        | 0.81<br>N115                            |
|                       |                         | 3.0<br>C116 | 50.0<br>D116                                | 0.12<br>E116                                  | 0.365<br>F116                                 | 7.3<br>G116                                 | 11.3<br>H116                                 |                                  |                                       |                                       |                                        |                                     |                                         |

|                       |                         |             |                                              |                                              |                                                |                                              |                                              |                                     |                                        |                                       |                                         |                                   |                                    |
|-----------------------|-------------------------|-------------|----------------------------------------------|----------------------------------------------|------------------------------------------------|----------------------------------------------|----------------------------------------------|-------------------------------------|----------------------------------------|---------------------------------------|-----------------------------------------|-----------------------------------|------------------------------------|
|                       |                         | 4.0<br>C117 | 50.0<br>D117                                 | 0.09<br>E117                                 | 0.29<br>F117                                   | 7.1<br>G117                                  | 11.7<br>H117                                 |                                     |                                        |                                       |                                         |                                   |                                    |
|                       |                         | 5.0<br>C118 | 48.0<br>D118                                 | 0.11<br>E118                                 | 0.27<br>F118                                   | 6.5<br>G118                                  | 11.5<br>H118                                 |                                     |                                        |                                       |                                         |                                   |                                    |
|                       | por réplica<br>B119     |             | 47.4<br>D119<br>=AVERAGE(D114:D118)          | 0.107<br>E119<br>=AVERAGE(E114:E118)         | 0.281<br>F119<br>=AVERAGE(F114:F118)           | 7.46<br>G119<br>=AVERAGE(G114:G118)          | 11.96<br>H119<br>=AVERAGE(H114:H118)         |                                     |                                        |                                       |                                         |                                   |                                    |
|                       | III<br>B120             | 1.0<br>C120 | 48.0<br>D120                                 | 0.145<br>E120                                | 0.235<br>F120                                  | 6.8<br>G120                                  | 12.8<br>H120                                 | 3.0<br>I120                         | 1.925<br>J120                          | 13.0<br>K120                          | 2.435<br>L120                           | 13.0<br>M120                      | 0.395<br>N120                      |
|                       |                         | 2.0<br>C121 | 39.0<br>D121                                 | 0.125<br>E121                                | 0.25<br>F121                                   | 7.1<br>G121                                  | 12.6<br>H121                                 | 2.0<br>I121                         | 0.99<br>J121                           | 18.0<br>K121                          | 3.005<br>L121                           | 21.0<br>M121                      | 0.7<br>N121                        |
|                       |                         | 3.0<br>C122 | 41.0<br>D122                                 | 0.1<br>E122                                  | 0.26<br>F122                                   | 7.0<br>G122                                  | 12.8<br>H122                                 |                                     |                                        |                                       |                                         |                                   |                                    |
|                       |                         | 4.0<br>C123 | 37.0<br>D123                                 | 0.07<br>E123                                 | 0.23<br>F123                                   | 8.5<br>G123                                  | 10.4<br>H123                                 |                                     |                                        |                                       |                                         |                                   |                                    |
|                       |                         | 5.0<br>C124 | 50.0<br>D124                                 | 0.115<br>E124                                | 0.31<br>F124                                   | 7.6<br>G124                                  | 9.3<br>H124                                  |                                     |                                        |                                       |                                         |                                   |                                    |
|                       | por réplica<br>B125     |             | 43<br>D125<br>=AVERAGE(D120:D124)            | 0.111<br>E125<br>=AVERAGE(E120:E124)         | 0.257<br>F125<br>=AVERAGE(F120:F124)           | 7.4<br>G125<br>=AVERAGE(G120:G124)           | 11.58<br>H125<br>=AVERAGE(H120:H124)         |                                     |                                        |                                       |                                         |                                   |                                    |
|                       | IV<br>B126              | 1.0<br>C126 | 42.0<br>D126                                 | 0.08<br>E126                                 | 0.275<br>F126                                  | 6.7<br>G126                                  | 12.5<br>H126                                 | 3.0<br>I126                         | 1.495<br>J126                          | 23.0<br>K126                          | 4.29<br>L126                            | 24.0<br>M126                      | 0.765<br>N126                      |
|                       |                         | 2.0<br>C127 | 49.0<br>D127                                 | 0.095<br>E127                                | 0.2<br>F127                                    | 7.5<br>G127                                  | 11.3<br>H127                                 | 9.0<br>I127                         | 5.34<br>J127                           | 19.0<br>K127                          | 3.825<br>L127                           | 14.0<br>M127                      | 0.365<br>N127                      |
|                       |                         | 3.0<br>C128 | 48.0<br>D128                                 | 0.125<br>E128                                | 0.32<br>F128                                   | 8.7<br>G128                                  | 12.5<br>H128                                 |                                     |                                        |                                       |                                         |                                   |                                    |
|                       |                         | 4.0<br>C129 | 47.0<br>D129                                 | 0.14<br>E129                                 | 0.345<br>F129                                  | 6.0<br>G129                                  | 11.1<br>H129                                 |                                     |                                        |                                       |                                         |                                   |                                    |
|                       |                         | 5.0<br>C130 | 50.0<br>D130                                 | 0.155<br>E130                                | 0.35<br>F130                                   | 9.0<br>G130                                  | 10.0<br>H130                                 |                                     |                                        |                                       |                                         |                                   |                                    |
|                       | por réplica<br>B131     |             | 47.2<br>D131<br>=AVERAGE(D126:D130)          | 0.119<br>E131<br>=AVERAGE(E126:E130)         | 0.298<br>F131<br>=AVERAGE(F126:F130)           | 7.58<br>G131<br>=AVERAGE(G126:G130)          | 11.48<br>H131<br>=AVERAGE(H126:H130)         |                                     |                                        |                                       |                                         |                                   |                                    |
|                       | por tratamiento<br>B132 |             | 46.05<br>D132<br>=SUM(D113+D119+D125+D131)/4 | 0.112<br>E132<br>=SUM(E113+E119+E125+E131)/4 | 0.28375<br>F132<br>=SUM(F113+F119+F125+F131)/4 | 7.495<br>G132<br>=SUM(G113+G119+G125+G131)/4 | 11.89<br>H132<br>=SUM(H113+H119+H125+H131)/4 | 3.75<br>I132<br>=AVERAGE(I108:I131) | 2.16125<br>J132<br>=AVERAGE(J108:J131) | 19.625<br>K132<br>=AVERAGE(K108:K131) | 3.646875<br>L132<br>=AVERAGE(L108:L131) | 22<br>M132<br>=AVERAGE(M108:M131) | 0.7<br>N132<br>=AVERAGE(N108:N131) |
| Tratamiento 6<br>A133 | I<br>B133               | 1.0<br>C133 | 45.0<br>D133                                 | 0.1<br>E133                                  | 0.205<br>F133                                  | 7.6<br>G133                                  | 10.4<br>H133                                 | 8.0<br>I133                         | 4.27<br>J133                           | 6.0<br>K133                           | 0.795<br>L133                           | 12.0<br>M133                      | 0.625<br>N133                      |
|                       |                         | 2.0<br>C134 | 40.0<br>D134                                 | 0.075<br>E134                                | 0.195<br>F134                                  | 7.3<br>G134                                  | 10.2<br>H134                                 | 5.0<br>I134                         | 2.385<br>J134                          | 28.0<br>K134                          | 5.3<br>L134                             | 18.0<br>M134                      | 0.365<br>N134                      |
|                       |                         | 3.0<br>C135 | 44.0<br>D135                                 | 0.125<br>E135                                | 0.31<br>F135                                   | 7.0<br>G135                                  | 11.0<br>H135                                 |                                     |                                        |                                       |                                         |                                   |                                    |
|                       |                         | 4.0<br>C136 | 42.0<br>D136                                 | 0.11<br>E136                                 | 0.28<br>F136                                   | 7.4<br>G136                                  | 10.9<br>H136                                 |                                     |                                        |                                       |                                         |                                   |                                    |
|                       |                         | 5.0<br>C137 | 42.0<br>D137                                 | 0.125<br>E137                                | 0.275<br>F137                                  | 6.3<br>G137                                  | 12.3<br>H137                                 |                                     |                                        |                                       |                                         |                                   |                                    |
|                       | por réplica<br>B138     |             | 42.6<br>D138<br>=AVERAGE(D133:D137)          | 0.107<br>E138<br>=AVERAGE(E133:E137)         | 0.253<br>F138<br>=AVERAGE(F133:F137)           | 7.12<br>G138<br>=AVERAGE(G133:G137)          | 10.96<br>H138<br>=AVERAGE(H133:H137)         |                                     |                                        |                                       |                                         |                                   |                                    |
|                       | II<br>B139              | 1.0<br>C139 | 49.0<br>D139                                 | 0.195<br>E139                                | 0.425<br>F139                                  | 7.1<br>G139                                  | 10.8<br>H139                                 | 1.0<br>I139                         | 0.545<br>J139                          | 21.0<br>K139                          | 2.45<br>L139                            | 19.0<br>M139                      | 0.665<br>N139                      |

|                            |                                                                  |                      |                                             |                                                |                                                |                                             |                                               |                                  |                                        |                                      |                                         |                                       |                                         |
|----------------------------|------------------------------------------------------------------|----------------------|---------------------------------------------|------------------------------------------------|------------------------------------------------|---------------------------------------------|-----------------------------------------------|----------------------------------|----------------------------------------|--------------------------------------|-----------------------------------------|---------------------------------------|-----------------------------------------|
|                            |                                                                  | 2.0<br>C140          | 49.0<br>D140                                | 0.125<br>E140                                  | 0.26<br>F140                                   | 8.6<br>G140                                 | 10.0<br>H140                                  | 0.0<br>I140                      | 0.0<br>J140                            | 33.0<br>K140                         | 6.26<br>L140                            | 26.0<br>M140                          | 0.84<br>N140                            |
|                            |                                                                  | 3.0<br>C141          | 43.0<br>D141                                | 0.09<br>E141                                   | 0.17<br>F141                                   | 8.8<br>G141                                 | 10.8<br>H141                                  |                                  |                                        |                                      |                                         |                                       |                                         |
|                            |                                                                  | 4.0<br>C142          | 41.0<br>D142                                | 0.1<br>E142                                    | 0.36<br>F142                                   | 6.5<br>G142                                 | 12.4<br>H142                                  |                                  |                                        |                                      |                                         |                                       |                                         |
|                            |                                                                  | 5.0<br>C143          | 49.0<br>D143                                | 0.125<br>E143                                  | 0.39<br>F143                                   | 8.5<br>G143                                 | 10.8<br>H143                                  |                                  |                                        |                                      |                                         |                                       |                                         |
|                            | por réplica<br>B144                                              |                      | 46.2<br>D144<br>=AVERAGE(D139:D143)         | 0.127<br>E144<br>=AVERAGE(E139:E143)           | 0.321<br>F144<br>=AVERAGE(F139:F143)           | 7.9<br>G144<br>=AVERAGE(G139:G143)          | 10.96<br>H144<br>=AVERAGE(H139:H143)          |                                  |                                        |                                      |                                         |                                       |                                         |
|                            | III<br>B145                                                      | 1.0<br>C145          | 50.0<br>D145                                | 0.1<br>E145                                    | 0.2<br>F145                                    | 7.3<br>G145                                 | 11.8<br>H145                                  | 4.0<br>I145                      | 2.94<br>J145                           | 17.0<br>K145                         | 2.455<br>L145                           | 12.0<br>M145                          | 0.34<br>N145                            |
|                            |                                                                  | 2.0<br>C146          | 47.0<br>D146                                | 0.185<br>E146                                  | 0.34<br>F146                                   | 6.9<br>G146                                 | 11.9<br>H146                                  | 1.0<br>I146                      | 0.575<br>J146                          | 30.0<br>K146                         | 5.825<br>L146                           | 19.0<br>M146                          | 0.46<br>N146                            |
|                            |                                                                  | 3.0<br>C147          | 40.0<br>D147                                | 0.185<br>E147                                  | 0.32<br>F147                                   | 8.2<br>G147                                 | 12.3<br>H147                                  |                                  |                                        |                                      |                                         |                                       |                                         |
|                            |                                                                  | 4.0<br>C148          | 45.0<br>D148                                | 0.13<br>E148                                   | 0.3<br>F148                                    | 7.9<br>G148                                 | 12.9<br>H148                                  |                                  |                                        |                                      |                                         |                                       |                                         |
|                            |                                                                  | 5.0<br>C149          | 45.0<br>D149                                | 0.13<br>E149                                   | 0.26<br>F149                                   | 8.0<br>G149                                 | 12.8<br>H149                                  |                                  |                                        |                                      |                                         |                                       |                                         |
|                            | por réplica<br>B150                                              |                      | 45.4<br>D150<br>=AVERAGE(D145:D149)         | 0.146<br>E150<br>=AVERAGE(E145:E149)           | 0.284<br>F150<br>=AVERAGE(F145:F149)           | 7.66<br>G150<br>=AVERAGE(G145:G149)         | 12.34<br>H150<br>=AVERAGE(H145:H149)          |                                  |                                        |                                      |                                         |                                       |                                         |
|                            | IV<br>B151                                                       | 1.0<br>C151          | 49.0<br>D151                                | 0.165<br>E151                                  | 0.39<br>F151                                   | 8.7<br>G151                                 | 11.0<br>H151                                  | 4.0<br>I151                      | 2.94<br>J151                           | 17.0<br>K151                         | 2.455<br>L151                           | 12.0<br>M151                          | 0.34<br>N151                            |
|                            |                                                                  | 2.0<br>C152          | 48.0<br>D152                                | 0.085<br>E152                                  | 0.28<br>F152                                   | 8.2<br>G152                                 | 11.8<br>H152                                  | 1.0<br>I152                      | 0.575<br>J152                          | 30.0<br>K152                         | 5.825<br>L152                           | 19.0<br>M152                          | 0.46<br>N152                            |
|                            |                                                                  | 3.0<br>C153          | 50.0<br>D153                                | 0.145<br>E153                                  | 0.315<br>F153                                  | 8.5<br>G153                                 | 11.3<br>H153                                  |                                  |                                        |                                      |                                         |                                       |                                         |
|                            |                                                                  | 4.0<br>C154          | 46.0<br>D154                                | 0.15<br>E154                                   | 0.34<br>F154                                   | 8.2<br>G154                                 | 11.6<br>H154                                  |                                  |                                        |                                      |                                         |                                       |                                         |
|                            |                                                                  | 5.0<br>C155          | 50.0<br>D155                                | 0.14<br>E155                                   | 0.45<br>F155                                   | 7.8<br>G155                                 | 11.7<br>H155                                  |                                  |                                        |                                      |                                         |                                       |                                         |
|                            | por réplica<br>B156                                              |                      | 48.6<br>D156<br>=AVERAGE(D151:D155)         | 0.137<br>E156<br>=AVERAGE(E151:E155)           | 0.355<br>F156<br>=AVERAGE(F151:F155)           | 8.28<br>G156<br>=AVERAGE(G151:G155)         | 11.48<br>H156<br>=AVERAGE(H151:H155)          |                                  |                                        |                                      |                                         |                                       |                                         |
|                            | por tratamiento<br>B157                                          |                      | 45.7<br>D157<br>=SUM(D138+D144+D150+D156)/4 | 0.12925<br>E157<br>=SUM(E138+E144+E150+E156)/4 | 0.30325<br>F157<br>=SUM(F138+F144+F150+F156)/4 | 7.74<br>G157<br>=SUM(G138+G144+G150+G156)/4 | 11.435<br>H157<br>=SUM(H138+H144+H150+H156)/4 | 3<br>I157<br>=AVERAGE(I133:I156) | 1.77875<br>J157<br>=AVERAGE(J133:J156) | 22.75<br>K157<br>=AVERAGE(K133:K156) | 3.920625<br>L157<br>=AVERAGE(L133:L156) | 17.125<br>M157<br>=AVERAGE(M133:M156) | 0.511875<br>N157<br>=AVERAGE(N133:N156) |
|                            | Rendimiento de remolacha de mesa, kg por 2 m², SPC, 2025<br>B159 |                      |                                             |                                                |                                                |                                             |                                               |                                  |                                        |                                      |                                         |                                       |                                         |
| N.º de tratamiento<br>A160 | Código de tratamiento<br>B160                                    | I<br>C160            | II<br>D160                                  | III<br>E160                                    | IV<br>F160                                     | Media<br>G160                               | Respecto a K<br>H160                          |                                  |                                        |                                      |                                         |                                       | Código de tratamiento<br>N160           |
| 1.0<br>A161                | NPK 0<br>B161                                                    | 9.88<br>C161<br>=013 | 7.61<br>D161<br>=019                        | 6.74<br>E161<br>=025                           | 10.465<br>F161<br>=031                         | 8.67375<br>G161<br>=AVERAGE(C161:F161)      |                                               | 9.879999999999999<br>I161        | 7.609999999999999<br>J161              | 6.74<br>K161                         | 10.465000000000000<br>2<br>L161         |                                       | NPK 0<br>N161                           |

|                            |                               |                                                                         |                         |                         |                         |                                          |                                           |                                |                            |                            |                            |                               |                                                                       |
|----------------------------|-------------------------------|-------------------------------------------------------------------------|-------------------------|-------------------------|-------------------------|------------------------------------------|-------------------------------------------|--------------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|-----------------------------------------------------------------------|
| 3.0<br>A162                | NPK0 C1<br>B162               | 10.49<br>C162<br>=063                                                   | 8.82<br>D162<br>=069    | 8.505<br>E162<br>=075   | 11.03<br>F162<br>=081   | 9.71125<br>G162<br>=AVERAGE (C162:F162)  | 1.0375<br>H162<br>=G162-\$G\$161          | 10.489999999999999<br>I162     | 8.82<br>J162               | 8.504999999999999<br>K162  | 11.03<br>L162              |                               | NPK0 C1<br>N162                                                       |
| 4.0<br>A163                | NPK0 C2<br>B163               | 10.585<br>C163<br>=088                                                  | 10.98<br>D163<br>=094   | 12.42<br>E163<br>=0100  | 11.2<br>F163<br>=0106   | 11.29625<br>G163<br>=AVERAGE (C163:F163) | 2.6225<br>H163<br>=G163-\$G\$161          | 10.585<br>I163                 | 10.98<br>J163              | 12.42<br>K163              | 11.2<br>L163               |                               | NPK0 C2<br>N163                                                       |
| 2.0<br>A164                | NPK<br>B164                   | 14.565<br>C164<br>=038                                                  | 10.12<br>D164<br>=044   | 11.295<br>E164<br>=050  | 11.785<br>F164<br>=056  | 11.94125<br>G164<br>=AVERAGE (C164:F164) |                                           | 14.565000000000000<br>I164     | 10.120000000000000<br>J164 | 11.295<br>K164             | 11.785<br>L164             |                               | NPK<br>N164                                                           |
| 5.0<br>A165                | NPK C1<br>B165                | 14.36<br>C165<br>=0113                                                  | 12.175<br>D165<br>=0119 | 9.45<br>E165<br>=0125   | 16.08<br>F165<br>=0131  | 13.01625<br>G165<br>=AVERAGE (C165:F165) | 1.075<br>H165<br>=G165-\$G\$164           | 14.36<br>I165                  | 12.174999999999999<br>J165 | 9.450000000000000<br>K165  | 16.08<br>L165              |                               | NPK C1<br>N165                                                        |
| 6.0<br>A166                | NPK C2<br>B166                | 13.74<br>C166<br>=0138                                                  | 10.76<br>D166<br>=0144  | 12.595<br>E166<br>=0150 | 12.595<br>F166<br>=0156 | 12.4225<br>G166<br>=AVERAGE (C166:F166)  | 0.48125<br>H166<br>=G166-\$G\$164         | 13.739999999999999<br>I166     | 10.76<br>J166              | 12.594999999999999<br>K166 | 12.594999999999999<br>L166 |                               | NPK C2<br>N166                                                        |
|                            |                               |                                                                         |                         |                         |                         |                                          |                                           |                                |                            |                            |                            |                               | RS0.05<br>N167                                                        |
| N.º de tratamiento<br>A170 | Código de tratamiento<br>B170 | Longitud de las hojas, cm (a la cosecha, media de 5 remolachas)<br>C170 |                         |                         |                         | Media<br>G170                            | Respecto a K, %<br>H170                   | Respecto a K, cm<br>I170       |                            |                            | N.º de tratamiento<br>L170 | Código de tratamiento<br>M170 | Diámetro de la raíz, cm (a la cosecha, media de 5 remolachas)<br>N170 |
| 1.0<br>A171                | NPK 0<br>B171                 | 43.8<br>C171                                                            | 37.2<br>D171            | 41.2<br>E171            | 38.2<br>F171            | 40.1<br>G171<br>=AVERAGE (C171:F171)     |                                           |                                |                            |                            | 1.0<br>L171                | NPK 0<br>M171                 | 7.3<br>N171                                                           |
| 3.0<br>A172                | NPK0 C1<br>B172               | 42.2<br>C172                                                            | 44.0<br>D172            | 46.4<br>E172            | 47.0<br>F172            | 44.9<br>G172<br>=AVERAGE (C172:F172)     | 111.9700748<br>H172<br>=G172/\$G\$171*100 | 4.8<br>I172<br>=G172-\$G\$171  |                            |                            | 3.0<br>L172                | NPK0 C1<br>M172               | 7.4<br>N172                                                           |
| 4.0<br>A173                | NPK0 C2<br>B173               | 41.4<br>C173                                                            | 44.4<br>D173            | 40.2<br>E173            | 42.0<br>F173            | 42<br>G173<br>=AVERAGE (C173:F173)       | 104.7381546<br>H173<br>=G173/\$G\$171*100 | 1.9<br>I173<br>=G173-\$G\$171  |                            |                            | 4.0<br>L173                | NPK0 C2<br>M173               | 7.1<br>N173                                                           |
| 2.0<br>A174                | NPK<br>B174                   | 41.0<br>C174                                                            | 44.2<br>D174            | 39.4<br>E174            | 41.6<br>F174            | 41.55<br>G174<br>=AVERAGE (C174:F174)    |                                           |                                |                            |                            | 2.0<br>L174                | NPK<br>M174                   | 7.0<br>N174                                                           |
| 5.0<br>A175                | NPK C1<br>B175                | 46.6<br>C175                                                            | 47.4<br>D175            | 43.0<br>E175            | 47.2<br>F175            | 46.05<br>G175<br>=AVERAGE (C175:F175)    | 110.8303249<br>H175<br>=G175/\$G\$174*100 | 4.5<br>I175<br>=G175-\$G\$174  |                            |                            | 5.0<br>L175                | NPK C1<br>M175                | 7.5<br>N175                                                           |
| 6.0<br>A176                | NPK C2<br>B176                | 42.6<br>C176                                                            | 46.2<br>D176            | 45.4<br>E176            | 48.6<br>F176            | 45.7<br>G176<br>=AVERAGE (C176:F176)     | 109.9879663<br>H176<br>=G176/\$G\$174*100 | 4.15<br>I176<br>=G176-\$G\$174 |                            |                            | 6.0<br>L176                | NPK C2<br>M176                | 7.1<br>N176                                                           |
|                            |                               |                                                                         |                         |                         |                         |                                          | Desviación de la media<br>H177            | 3.397<br>I177                  |                            |                            |                            |                               |                                                                       |
| N.º de tratamiento<br>A180 | Código de tratamiento<br>B180 | Masa de las hojas, kg (a la cosecha, media de 5 remolachas)<br>C180     |                         |                         |                         | Media<br>G180                            | Respecto a K, %<br>H180                   | Respecto a K, kg<br>I180       |                            |                            | N.º de tratamiento<br>L180 | Código de tratamiento<br>M180 | Brix, % (a la cosecha, media de 5 remolachas)<br>N180                 |

|                            |                               |                                                                  |                                  |                                  |                                  |                                         |                                           |                                   |  |  |             |                 |              |
|----------------------------|-------------------------------|------------------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------|-----------------------------------------|-------------------------------------------|-----------------------------------|--|--|-------------|-----------------|--------------|
| 1.0<br>A181                | NPK 0<br>B181                 | 0.097<br>C181                                                    | 0.062<br>D181                    | 0.0750000000000000<br>01<br>E181 | 0.071<br>F181                    | 0.07625<br>G181<br>=AVERAGE (C181:F181) |                                           |                                   |  |  | 1.0<br>L181 | NPK 0<br>M181   | 9.1<br>N181  |
| 3.0<br>A182                | NPK0 C1<br>B182               | 0.092<br>C182                                                    | 0.0740000000000000<br>01<br>D182 | 0.076<br>E182                    | 0.095<br>F182                    | 0.08425<br>G182<br>=AVERAGE (C182:F182) | 110.4918033<br>H182<br>=G182/\$G\$181*100 | 0.008<br>I182<br>=G182-\$G\$181   |  |  | 3.0<br>L182 | NPK0 C1<br>M182 | 10.7<br>N182 |
| 4.0<br>A183                | NPK0 C2<br>B183               | 0.122<br>C183                                                    | 0.3189999999999999<br>95<br>D183 | 0.099<br>E183                    | 0.1240000000000000<br>03<br>F183 | 0.166<br>G183<br>=AVERAGE (C183:F183)   | 217.704918<br>H183<br>=G183/\$G\$181*100  | 0.08975<br>I183<br>=G183-\$G\$181 |  |  | 4.0<br>L183 | NPK0 C2<br>M183 | 12.0<br>N183 |
| 2.0<br>A184                | NPK<br>B184                   | 0.085<br>C184                                                    | 0.1060000000000000<br>01<br>D184 | 0.0789999999999999<br>99<br>E184 | 0.081<br>F184                    | 0.08775<br>G184<br>=AVERAGE (C184:F184) |                                           |                                   |  |  | 2.0<br>L184 | NPK<br>M184     | 11.0<br>N184 |
| 5.0<br>A185                | NPK C1<br>B185                | 0.1109999999999999<br>99<br>C185                                 | 0.1069999999999999<br>98<br>D185 | 0.1110000000000000<br>02<br>E185 | 0.119<br>F185                    | 0.112<br>G185<br>=AVERAGE (C185:F185)   | 127.6353276<br>H185<br>=G185/\$G\$184*100 | 0.02425<br>I185<br>=G185-\$G\$184 |  |  | 5.0<br>L185 | NPK C1<br>M185  | 12.5<br>N185 |
| 6.0<br>A186                | NPK C2<br>B186                | 0.1069999999999999<br>98<br>C186                                 | 0.127<br>D186                    | 0.1460000000000000<br>02<br>E186 | 0.137<br>F186                    | 0.12925<br>G186<br>=AVERAGE (C186:F186) | 147.2934473<br>H186<br>=G186/\$G\$184*100 | 0.0415<br>I186<br>=G186-\$G\$184  |  |  | 6.0<br>L186 | NPK C2<br>M186  | 11.0<br>N186 |
|                            |                               |                                                                  |                                  |                                  |                                  |                                         | Desviación de la media<br>H187            | 0.065<br>I187                     |  |  |             |                 |              |
| N.º de tratamiento<br>A189 | Código de tratamiento<br>B189 | Masa de raíces, kg (a la cosecha, media de 5 remolachas)<br>C189 |                                  |                                  |                                  | Media<br>G189                           | Respecto a K, %<br>H189                   | Respecto a K, kg<br>I189          |  |  |             |                 |              |
| 1.0<br>A190                | NPK 0<br>B190                 | 0.2009999999999999<br>98<br>C190                                 | 0.16<br>D190                     | 0.156<br>E190                    | 0.219<br>F190                    | 0.184<br>G190<br>=AVERAGE (C190:F190)   |                                           |                                   |  |  |             |                 |              |
| 3.0<br>A191                | NPK0 C1<br>B191               | 0.2240000000000000<br>03<br>C191                                 | 0.211<br>D191                    | 0.2120000000000000<br>02<br>E191 | 0.215<br>F191                    | 0.2155<br>G191<br>=AVERAGE (C191:F191)  | 117.1195652<br>H191<br>=G191/\$G\$190*100 | 0.0315<br>I191<br>=G191-\$G\$190  |  |  |             |                 |              |
| 4.0<br>A192                | NPK0 C2<br>B192               | 0.254<br>C192                                                    | 0.252<br>D192                    | 0.257<br>E192                    | 0.242<br>F192                    | 0.25125<br>G192<br>=AVERAGE (C192:F192) | 136.548913<br>H192<br>=G192/\$G\$190*100  | 0.06725<br>I192<br>=G192-\$G\$190 |  |  |             |                 |              |
| 2.0<br>A193                | NPK<br>B193                   | 0.2280000000000000<br>04<br>C193                                 | 0.203<br>D193                    | 0.2080000000000000<br>02<br>E193 | 0.198<br>F193                    | 0.20925<br>G193<br>=AVERAGE (C193:F193) |                                           |                                   |  |  |             |                 |              |
| 5.0<br>A194                | NPK C1<br>B194                | 0.2990000000000000<br>04<br>C194                                 | 0.281<br>D194                    | 0.257<br>E194                    | 0.2980000000000000<br>04<br>F194 | 0.28375<br>G194<br>=AVERAGE (C194:F194) | 135.6033453<br>H194<br>=G194/\$G\$193*100 | 0.0745<br>I194<br>=G194-\$G\$193  |  |  |             |                 |              |
| 6.0<br>A195                | NPK C2<br>B195                | 0.253<br>C195                                                    | 0.321<br>D195                    | 0.2840000000000000<br>03<br>E195 | 0.3550000000000000<br>04<br>F195 | 0.30325<br>G195<br>=AVERAGE (C195:F195) | 144.9223417<br>H195<br>=G195/\$G\$193*100 | 0.094<br>I195<br>=G195-\$G\$193   |  |  |             |                 |              |
|                            |                               |                                                                  |                                  |                                  |                                  |                                         | Desviación de la media<br>H196            | 0.036<br>I196                     |  |  |             |                 |              |
|                            |                               |                                                                  |                                  |                                  |                                  |                                         |                                           |                                   |  |  |             |                 |              |



| Tabla 1             |                                                |                                   |                |  |  |  |  |  |  |  |  |  |  |
|---------------------|------------------------------------------------|-----------------------------------|----------------|--|--|--|--|--|--|--|--|--|--|
|                     | Rendimiento de remolacha en Stende, 2025<br>B1 |                                   |                |  |  |  |  |  |  |  |  |  |  |
|                     | Cultivo<br>B2                                  |                                   |                |  |  |  |  |  |  |  |  |  |  |
|                     | Campo<br>B3                                    |                                   |                |  |  |  |  |  |  |  |  |  |  |
|                     | Sembrado<br>B4                                 |                                   |                |  |  |  |  |  |  |  |  |  |  |
|                     | Cosechado<br>B5                                |                                   |                |  |  |  |  |  |  |  |  |  |  |
|                     |                                                | Peso en kg<br>O6                  |                |  |  |  |  |  |  |  |  |  |  |
|                     |                                                | por hilera<br>O7                  |                |  |  |  |  |  |  |  |  |  |  |
| Tratamiento 1<br>A8 | I<br>B8                                        | 5.22<br>O8<br>=SUM(J8+L8+N8)      | Hilera 1<br>P8 |  |  |  |  |  |  |  |  |  |  |
|                     |                                                | 4.66<br>O9<br>=SUM(J9+L9+N9)      | Hilera 2<br>P9 |  |  |  |  |  |  |  |  |  |  |
|                     |                                                |                                   |                |  |  |  |  |  |  |  |  |  |  |
|                     |                                                |                                   |                |  |  |  |  |  |  |  |  |  |  |
|                     | por réplica<br>B13                             | 9.88<br>O13<br>=SUM(O8:O12)       |                |  |  |  |  |  |  |  |  |  |  |
|                     | II<br>B14                                      | 2.325<br>O14<br>=SUM(J14+L14+N14) |                |  |  |  |  |  |  |  |  |  |  |
|                     |                                                | 5.285<br>O15<br>=SUM(J15+L15+N15) |                |  |  |  |  |  |  |  |  |  |  |
|                     |                                                |                                   |                |  |  |  |  |  |  |  |  |  |  |
|                     |                                                |                                   |                |  |  |  |  |  |  |  |  |  |  |
|                     | por réplica<br>B19                             | 7.61<br>O19<br>=SUM(O14:O18)      |                |  |  |  |  |  |  |  |  |  |  |
|                     | III<br>B20                                     | 1.215<br>O20<br>=SUM(J20+L20+N20) |                |  |  |  |  |  |  |  |  |  |  |
|                     |                                                | 5.525<br>O21<br>=SUM(J21+L21+N21) |                |  |  |  |  |  |  |  |  |  |  |
|                     |                                                |                                   |                |  |  |  |  |  |  |  |  |  |  |
|                     |                                                |                                   |                |  |  |  |  |  |  |  |  |  |  |
|                     | por réplica<br>B25                             | 6.74<br>O25<br>=SUM(O20:O24)      |                |  |  |  |  |  |  |  |  |  |  |
|                     | IV<br>B26                                      | 3.43<br>O26<br>=SUM(J26+L26+N26)  |                |  |  |  |  |  |  |  |  |  |  |
|                     |                                                | 7.035<br>O27<br>=SUM(J27+L27+N27) |                |  |  |  |  |  |  |  |  |  |  |
|                     |                                                |                                   |                |  |  |  |  |  |  |  |  |  |  |
|                     |                                                |                                   |                |  |  |  |  |  |  |  |  |  |  |
|                     |                                                |                                   |                |  |  |  |  |  |  |  |  |  |  |

|                      |                        |                                            |  |  |  |  |  |  |  |  |  |  |  |
|----------------------|------------------------|--------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
|                      | por réplica<br>B31     | 10.465<br>O31<br>=SUM(026:030)             |  |  |  |  |  |  |  |  |  |  |  |
|                      | por tratamiento<br>B32 | 8.67375<br>O32<br>=SUM(013+019+025+031)/4  |  |  |  |  |  |  |  |  |  |  |  |
| Tratamiento 2<br>A33 | I<br>B33               | 8.095<br>O33<br>=SUM(J33+L33+N33)          |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        | 6.47<br>O34<br>=SUM(J34+L34+N34)           |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        |                                            |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        |                                            |  |  |  |  |  |  |  |  |  |  |  |
|                      | por réplica<br>B38     | 14.565<br>O38<br>=SUM(033:037)             |  |  |  |  |  |  |  |  |  |  |  |
|                      | II<br>B39              | 4.05<br>O39<br>=SUM(J39+L39+N39)           |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        | 6.07<br>O40<br>=SUM(J40+L40+N40)           |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        |                                            |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        |                                            |  |  |  |  |  |  |  |  |  |  |  |
|                      | por réplica<br>B44     | 10.12<br>O44<br>=SUM(039:043)              |  |  |  |  |  |  |  |  |  |  |  |
|                      | III<br>B45             | 5.265<br>O45<br>=SUM(J45+L45+N45)          |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        | 6.03<br>O46<br>=SUM(J46+L46+N46)           |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        |                                            |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        |                                            |  |  |  |  |  |  |  |  |  |  |  |
|                      | por réplica<br>B50     | 11.295<br>O50<br>=SUM(045:049)             |  |  |  |  |  |  |  |  |  |  |  |
|                      | IV<br>B51              | 5.395<br>O51<br>=SUM(J51+L51+N51)          |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        | 6.39<br>O52<br>=SUM(J52+L52+N52)           |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        |                                            |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        |                                            |  |  |  |  |  |  |  |  |  |  |  |
|                      | por réplica<br>B56     | 11.785<br>O56<br>=SUM(051:055)             |  |  |  |  |  |  |  |  |  |  |  |
|                      | por tratamiento<br>B57 | 11.94125<br>O57<br>=SUM(038+044+050+056)/4 |  |  |  |  |  |  |  |  |  |  |  |
| Tratamiento 3<br>A58 | I<br>B58               | 5.215<br>O58<br>=SUM(J58+L58+N58)          |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        | 5.275<br>O59<br>=SUM(J59+L59+N59)          |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        |                                            |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        |                                            |  |  |  |  |  |  |  |  |  |  |  |

|                      |                        |                                           |  |  |  |  |  |  |  |  |  |  |  |
|----------------------|------------------------|-------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
|                      | por réplica<br>B63     | 10.49<br>O63<br>=SUM(058:062)             |  |  |  |  |  |  |  |  |  |  |  |
|                      | II<br>B64              | 3.81<br>O64<br>=SUM(J64+L64+N64)          |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        | 5.01<br>O65<br>=SUM(J65+L65+N65)          |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        |                                           |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        |                                           |  |  |  |  |  |  |  |  |  |  |  |
|                      | por réplica<br>B69     | 8.82<br>O69<br>=SUM(064:068)              |  |  |  |  |  |  |  |  |  |  |  |
|                      | III<br>B70             | 3.555<br>O70<br>=SUM(J70+L70+N70)         |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        | 4.95<br>O71<br>=SUM(J71+L71+N71)          |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        |                                           |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        |                                           |  |  |  |  |  |  |  |  |  |  |  |
|                      | por réplica<br>B75     | 8.505<br>O75<br>=SUM(070:074)             |  |  |  |  |  |  |  |  |  |  |  |
|                      | IV<br>B76              | 3.715<br>O76<br>=SUM(J76+L76+N76)         |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        | 7.315<br>O77<br>=SUM(J77+L77+N77)         |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        |                                           |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        |                                           |  |  |  |  |  |  |  |  |  |  |  |
|                      | por réplica<br>B81     | 11.03<br>O81<br>=SUM(076:080)             |  |  |  |  |  |  |  |  |  |  |  |
|                      | por tratamiento<br>B82 | 9.71125<br>O82<br>=SUM(063+069+075+081)/4 |  |  |  |  |  |  |  |  |  |  |  |
| Tratamiento 4<br>A83 | I<br>B83               | 5.43<br>O83<br>=SUM(J83+L83+N83)          |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        | 5.155<br>O84<br>=SUM(J84+L84+N84)         |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        |                                           |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        |                                           |  |  |  |  |  |  |  |  |  |  |  |
|                      | por réplica<br>B88     | 10.585<br>O88<br>=SUM(083:087)            |  |  |  |  |  |  |  |  |  |  |  |
|                      | II<br>B89              | 4.695<br>O89<br>=SUM(J89+L89+N89)         |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        | 6.285<br>O90<br>=SUM(J90+L90+N90)         |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        |                                           |  |  |  |  |  |  |  |  |  |  |  |
|                      |                        |                                           |  |  |  |  |  |  |  |  |  |  |  |
|                      | por réplica<br>B94     | 10.98<br>O94<br>=SUM(089:093)             |  |  |  |  |  |  |  |  |  |  |  |

|                       |                         |                                               |  |  |  |  |  |  |  |  |  |  |  |
|-----------------------|-------------------------|-----------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
|                       | III<br>B95              | 4.66<br>O95<br>=SUM(J95+L95+N95)              |  |  |  |  |  |  |  |  |  |  |  |
|                       |                         | 7.76<br>O96<br>=SUM(J96+L96+N96)              |  |  |  |  |  |  |  |  |  |  |  |
|                       |                         |                                               |  |  |  |  |  |  |  |  |  |  |  |
|                       |                         |                                               |  |  |  |  |  |  |  |  |  |  |  |
|                       | por réplica<br>B100     | 12.42<br>O100<br>=SUM(095:099)                |  |  |  |  |  |  |  |  |  |  |  |
|                       | IV<br>B101              | 3.13<br>O101<br>=SUM(J101+L101+N101)          |  |  |  |  |  |  |  |  |  |  |  |
|                       |                         | 8.07<br>O102<br>=SUM(J102+L102+N102)          |  |  |  |  |  |  |  |  |  |  |  |
|                       |                         |                                               |  |  |  |  |  |  |  |  |  |  |  |
|                       |                         |                                               |  |  |  |  |  |  |  |  |  |  |  |
|                       | por réplica<br>B106     | 11.2<br>O106<br>=SUM(0101:0105)               |  |  |  |  |  |  |  |  |  |  |  |
|                       | por tratamiento<br>B107 | 11.29625<br>O107<br>=SUM(088+094+0100+0106)/4 |  |  |  |  |  |  |  |  |  |  |  |
| Tratamiento 5<br>A108 | I<br>B108               | 7.27<br>O108<br>=SUM(J108+L108+N108)          |  |  |  |  |  |  |  |  |  |  |  |
|                       |                         | 7.09<br>O109<br>=SUM(J109+L109+N109)          |  |  |  |  |  |  |  |  |  |  |  |
|                       |                         |                                               |  |  |  |  |  |  |  |  |  |  |  |
|                       |                         |                                               |  |  |  |  |  |  |  |  |  |  |  |
|                       | por réplica<br>B113     | 14.36<br>O113<br>=SUM(0108:0112)              |  |  |  |  |  |  |  |  |  |  |  |
|                       | II<br>B114              | 4.28<br>O114<br>=SUM(J114+L114+N114)          |  |  |  |  |  |  |  |  |  |  |  |
|                       |                         | 7.895<br>O115<br>=SUM(J115+L115+N115)         |  |  |  |  |  |  |  |  |  |  |  |
|                       |                         |                                               |  |  |  |  |  |  |  |  |  |  |  |
|                       |                         |                                               |  |  |  |  |  |  |  |  |  |  |  |
|                       | por réplica<br>B119     | 12.175<br>O119<br>=SUM(0114:0118)             |  |  |  |  |  |  |  |  |  |  |  |
|                       | III<br>B120             | 4.755<br>O120<br>=SUM(J120+L120+N120)         |  |  |  |  |  |  |  |  |  |  |  |
|                       |                         | 4.695<br>O121<br>=SUM(J121+L121+N121)         |  |  |  |  |  |  |  |  |  |  |  |
|                       |                         |                                               |  |  |  |  |  |  |  |  |  |  |  |
|                       |                         |                                               |  |  |  |  |  |  |  |  |  |  |  |

|                       |                         |                                                 |  |  |                                    |                                       |                                        |                                     |                                      |                                        |                                       |                                         |                                        |
|-----------------------|-------------------------|-------------------------------------------------|--|--|------------------------------------|---------------------------------------|----------------------------------------|-------------------------------------|--------------------------------------|----------------------------------------|---------------------------------------|-----------------------------------------|----------------------------------------|
|                       | por réplica<br>B125     | 9.45<br>O125<br>=SUM(0120:0124)                 |  |  |                                    |                                       |                                        |                                     |                                      |                                        |                                       |                                         |                                        |
|                       | IV<br>B126              | 6.55<br>O126<br>=SUM(J126+L126+N126)            |  |  |                                    |                                       |                                        |                                     |                                      |                                        |                                       |                                         |                                        |
|                       |                         | 9.53<br>O127<br>=SUM(J127+L127+N127)            |  |  |                                    |                                       |                                        |                                     |                                      |                                        |                                       |                                         |                                        |
|                       |                         |                                                 |  |  |                                    |                                       |                                        |                                     |                                      |                                        |                                       |                                         |                                        |
|                       |                         |                                                 |  |  |                                    |                                       |                                        |                                     |                                      |                                        |                                       |                                         |                                        |
|                       | por réplica<br>B131     | 16.08<br>O131<br>=SUM(0126:0130)                |  |  |                                    |                                       |                                        |                                     |                                      |                                        |                                       |                                         |                                        |
|                       | por tratamiento<br>B132 | 13.01625<br>O132<br>=SUM(0113+0119+0125+0131)/4 |  |  |                                    |                                       |                                        |                                     |                                      |                                        |                                       |                                         |                                        |
| Tratamiento 6<br>A133 | I<br>B133               | 5.69<br>O133<br>=SUM(J133+L133+N133)            |  |  |                                    |                                       |                                        |                                     |                                      |                                        |                                       |                                         |                                        |
|                       |                         | 8.05<br>O134<br>=SUM(J134+L134+N134)            |  |  |                                    |                                       |                                        |                                     |                                      |                                        |                                       |                                         |                                        |
|                       |                         |                                                 |  |  | Grandes<br>R135                    |                                       |                                        | Tamaño mediano<br>U135              |                                      |                                        | Pequeño<br>X135                       |                                         |                                        |
|                       |                         |                                                 |  |  | unidades<br>R136                   | kg<br>S136                            | % del número total<br>T136             | unidades<br>U136                    | kg<br>V136                           | % del número total<br>W136             | unidades<br>X136                      | kg<br>Y136                              | % del número total<br>Z136             |
|                       |                         |                                                 |  |  | 1.875<br>R137                      | 0.729375000000000<br>1<br>S137        | 3.875968992<br>T137<br>=R137/AA137*100 | 19.625<br>U137                      | 2.784375<br>V137                     | 40.56847545<br>W137<br>=U137/AA137*100 | 26.875<br>X137                        | 0.823125<br>Y137                        | 55.55555556<br>Z137<br>=X137/AA137*100 |
|                       | por réplica<br>B138     | 13.74<br>O138<br>=SUM(0133:0137)                |  |  | 3.0<br>R138                        | 1.435<br>S138                         | 5.896805897<br>T138<br>=R138/AA138*100 | 24.0<br>U138                        | 3.903750000000000<br>5<br>V138       | 47.17444717<br>W138<br>=U138/AA138*100 | 23.875<br>X138                        | 0.631875<br>Y138                        | 46.92874693<br>Z138<br>=X138/AA138*100 |
|                       | II<br>B139              | 3.66<br>O139<br>=SUM(J139+L139+N139)            |  |  | 1.375<br>R139                      | 0.679375<br>S139                      | 2.702702703<br>T139<br>=R139/AA139*100 | 20.875<br>U139                      | 3.14875<br>V139                      | 41.03194103<br>W139<br>=U139/AA139*100 | 28.625<br>X139                        | 1.0275<br>Y139                          | 56.26535627<br>Z139<br>=X139/AA139*100 |
|                       |                         | 7.1<br>O140<br>=SUM(J140+L140+N140)             |  |  | 2.0<br>R140                        | 0.9125<br>S140                        | 3.644646925<br>T140<br>=R140/AA140*100 | 22.375<br>U140                      | 3.59125<br>V140                      | 40.77448747<br>W140<br>=U140/AA140*100 | 30.5<br>X140                          | 1.144375<br>Y140                        | 55.5808656<br>Z140<br>=X140/AA140*100  |
|                       |                         |                                                 |  |  | 3.75<br>R141                       | 2.16125<br>S141                       | 8.26446281<br>T141<br>=R141/AA141*100  | 19.625<br>U141                      | 3.646874999999999<br>6<br>V141       | 43.25068871<br>W141<br>=U141/AA141*100 | 22.0<br>X141                          | 0.7<br>Y141                             | 48.48484848<br>Z141<br>=X141/AA141*100 |
|                       |                         |                                                 |  |  | 2.4<br>R142<br>=AVERAGE(R118:R141) | 1.1835<br>S142<br>=AVERAGE(S118:S141) | 4.792810784<br>T142<br>=R142/AA142*100 | 21.3<br>U142<br>=AVERAGE(U118:U141) | 3.415<br>V142<br>=AVERAGE(V118:V141) | 42.53619571<br>W142<br>=U142/AA142*100 | 26.375<br>X142<br>=AVERAGE(X118:X141) | 0.865375<br>Y142<br>=AVERAGE(Y118:Y141) | 52.67099351<br>Z142<br>=X142/AA142*100 |
|                       | por réplica<br>B144     | 10.76<br>O144<br>=SUM(0139:0143)                |  |  |                                    |                                       |                                        |                                     |                                      |                                        |                                       |                                         |                                        |
|                       | III<br>B145             | 5.735<br>O145<br>=SUM(J145+L145+N145)           |  |  |                                    |                                       |                                        |                                     |                                      |                                        |                                       |                                         |                                        |

|                            |                                                                  |                                                  |                                      |                                      |                                      |                                            |                                         |                                           |  |  |  |                             |                |
|----------------------------|------------------------------------------------------------------|--------------------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------------|-----------------------------------------|-------------------------------------------|--|--|--|-----------------------------|----------------|
|                            |                                                                  | 6.86<br>O146<br>=SUM(J146+L146+N146)             |                                      |                                      |                                      |                                            |                                         |                                           |  |  |  |                             |                |
|                            |                                                                  |                                                  |                                      |                                      |                                      |                                            |                                         |                                           |  |  |  |                             |                |
|                            |                                                                  |                                                  |                                      |                                      |                                      |                                            |                                         |                                           |  |  |  |                             |                |
|                            |                                                                  |                                                  |                                      |                                      |                                      |                                            |                                         |                                           |  |  |  |                             |                |
|                            | por réplica<br>B150                                              | 12.595<br>O150<br>=SUM(O145:O149)                |                                      |                                      |                                      |                                            |                                         |                                           |  |  |  |                             |                |
|                            | IV<br>B151                                                       | 5.735<br>O151<br>=SUM(J151+L151+N151)            |                                      |                                      |                                      |                                            |                                         |                                           |  |  |  |                             |                |
|                            |                                                                  | 6.86<br>O152<br>=SUM(J152+L152+N152)             |                                      |                                      |                                      |                                            |                                         |                                           |  |  |  |                             |                |
|                            |                                                                  |                                                  |                                      |                                      |                                      |                                            |                                         |                                           |  |  |  |                             |                |
|                            |                                                                  |                                                  |                                      |                                      |                                      |                                            |                                         |                                           |  |  |  |                             |                |
|                            |                                                                  |                                                  |                                      |                                      |                                      |                                            |                                         |                                           |  |  |  |                             |                |
|                            | por réplica<br>B156                                              | 12.595<br>O156<br>=SUM(O151:O155)                |                                      |                                      |                                      |                                            |                                         |                                           |  |  |  |                             |                |
|                            | por tratamiento<br>B157                                          | 12.4225<br>O157<br>=SUM(O138+O144+O150+O156)/4   |                                      |                                      |                                      |                                            |                                         |                                           |  |  |  |                             |                |
|                            | Rendimiento de remolacha de mesa, kg por 2 m², SPC, 2025<br>B159 |                                                  |                                      |                                      |                                      |                                            |                                         |                                           |  |  |  | Anova: Factor único<br>Y159 |                |
| N.º de tratamiento<br>A160 | Código de tratamiento<br>B160                                    | Rendimiento de remolacha de mesa, t ha-1<br>O160 |                                      |                                      |                                      | Media<br>S160                              | Respecto a K, t ha-1<br>T160            | Respecto a K, %<br>U160                   |  |  |  |                             |                |
| 1.0<br>A161                | NPK 0<br>B161                                                    | 49.4<br>O161<br>=I161*10000/2/1000               | 38.05<br>P161<br>=J161*10000/2/1000  | 33.7<br>Q161<br>=K161*10000/2/1000   | 52.325<br>R161<br>=L161*10000/2/1000 | 41.35833333<br>S161<br>=AVERAGE(P161:R161) |                                         |                                           |  |  |  | Resumen<br>Y161             |                |
| 3.0<br>A162                | NPK0 C1<br>B162                                                  | 52.45<br>O162<br>=I162*10000/2/1000              | 44.1<br>P162<br>=J162*10000/2/1000   | 42.525<br>Q162<br>=K162*10000/2/1000 | 55.15<br>R162<br>=L162*10000/2/1000  | 47.25833333<br>S162<br>=AVERAGE(P162:R162) | 5.9<br>T162<br>=S162-\$\$S\$161         | 114.2655652<br>U162<br>=S162/\$S\$161*100 |  |  |  | Grupos<br>Y162              | Número<br>Z162 |
| 4.0<br>A163                | NPK0 C2<br>B163                                                  | 52.925<br>O163<br>=I163*10000/2/1000             | 54.9<br>P163<br>=J163*10000/2/1000   | 62.1<br>Q163<br>=K163*10000/2/1000   | 56<br>R163<br>=L163*10000/2/1000     | 57.66666667<br>S163<br>=AVERAGE(P163:R163) | 16.30833333<br>T163<br>=S163-\$\$S\$161 | 139.4317953<br>U163<br>=S163/\$S\$161*100 |  |  |  | Fila 1<br>Y163              | 4.0<br>Z163    |
| 2.0<br>A164                | NPK<br>B164                                                      | 72.825<br>O164<br>=I164*10000/2/1000             | 50.6<br>P164<br>=J164*10000/2/1000   | 56.475<br>Q164<br>=K164*10000/2/1000 | 58.925<br>R164<br>=L164*10000/2/1000 | 55.33333333<br>S164<br>=AVERAGE(P164:R164) |                                         |                                           |  |  |  | Fila 2<br>Y164              | 4.0<br>Z164    |
| 5.0<br>A165                | NPK C1<br>B165                                                   | 71.8<br>O165<br>=I165*10000/2/1000               | 60.875<br>P165<br>=J165*10000/2/1000 | 47.25<br>Q165<br>=K165*10000/2/1000  | 80.4<br>R165<br>=L165*10000/2/1000   | 62.84166667<br>S165<br>=AVERAGE(P165:R165) | 7.508333333<br>T165<br>=S165-\$\$S\$164 | 113.5692771<br>U165<br>=S165/\$S\$164*100 |  |  |  | Fila 3<br>Y165              | 4.0<br>Z165    |
| 6.0<br>A166                | NPK C2<br>B166                                                   | 68.7<br>O166<br>=I166*10000/2/1000               | 53.8<br>P166<br>=J166*10000/2/1000   | 62.975<br>Q166<br>=K166*10000/2/1000 | 62.975<br>R166<br>=L166*10000/2/1000 | 59.91666667<br>S166<br>=AVERAGE(P166:R166) | 4.583333333<br>T166<br>=S166-\$\$S\$164 | 108.2831325<br>U166<br>=S166/\$S\$164*100 |  |  |  | Fila 4<br>Y166              | 4.0<br>Z166    |
|                            |                                                                  |                                                  |                                      |                                      |                                      |                                            | 13.081<br>T167                          |                                           |  |  |  | Fila 5<br>Y167              | 4.0<br>Z167    |

|                            |                                  |              |              |              |                                       |                                           |                                   |                                 |  |  |                             |                              |                                   |
|----------------------------|----------------------------------|--------------|--------------|--------------|---------------------------------------|-------------------------------------------|-----------------------------------|---------------------------------|--|--|-----------------------------|------------------------------|-----------------------------------|
|                            |                                  |              |              |              |                                       |                                           |                                   |                                 |  |  |                             | Fila 6<br>Y168               | 4.0<br>Z168                       |
| N.º de tratamiento<br>A170 | Código de<br>tratamiento<br>B170 |              |              |              | Media<br>R170                         | Respecto a K, %<br>S170                   |                                   | Respecto a K, cm<br>U170        |  |  |                             |                              |                                   |
| 1.0<br>A171                | NPK 0<br>B171                    | 6.1<br>O171  | 6.4<br>P171  | 7.4<br>Q171  | 6.8<br>R171<br>=AVERAGE(N171:Q171)    |                                           |                                   |                                 |  |  |                             | ANOVA<br>Y171                |                                   |
| 3.0<br>A172                | NPK0 C1<br>B172                  | 7.8<br>O172  | 7.8<br>P172  | 7.0<br>Q172  | 7.5<br>R172<br>=AVERAGE(N172:Q172)    | 110.2941176<br>S172<br>=R172/\$R\$171*100 |                                   | 0.7<br>U172<br>=R172-\$R\$171   |  |  |                             | Fuente de variación<br>Y172  | SS (suma de<br>cuadrados)<br>Z172 |
| 4.0<br>A173                | NPK0 C2<br>B173                  | 6.8<br>O173  | 7.0<br>P173  | 6.7<br>Q173  | 6.9<br>R173<br>=AVERAGE(N173:Q173)    | 101.4705882<br>S173<br>=R173/\$R\$171*100 |                                   | 0.1<br>U173<br>=R173-\$R\$171   |  |  |                             | Entre grupos<br>Y173         | 1394.7092968750005<br>Z173        |
| 2.0<br>A174                | NPK<br>B174                      | 7.0<br>O174  | 6.6<br>P174  | 7.1<br>Q174  | 6.925<br>R174<br>=AVERAGE(N174:Q174)  |                                           |                                   |                                 |  |  |                             | Dentro de los grupos<br>Y174 | 1395.6954687499995<br>Z174        |
| 5.0<br>A175                | NPK C1<br>B175                   | 7.5<br>O175  | 7.4<br>P175  | 7.6<br>Q175  | 7.5<br>R175<br>=AVERAGE(N175:Q175)    | 108.3032491<br>S175<br>=R175/\$R\$174*100 |                                   | 0.575<br>U175<br>=R175-\$R\$174 |  |  |                             |                              |                                   |
| 6.0<br>A176                | NPK C2<br>B176                   | 7.9<br>O176  | 7.7<br>P176  | 8.3<br>Q176  | 7.75<br>R176<br>=AVERAGE(N176:Q176)   | 111.9133574<br>S176<br>=R176/\$R\$174*100 |                                   | 0.825<br>U176<br>=R176-\$R\$174 |  |  |                             | Total<br>Y176                | 2790.404765625<br>Z176            |
|                            |                                  |              |              |              |                                       |                                           | Desviación de la<br>media<br>T177 | 0.577<br>U177                   |  |  |                             |                              |                                   |
|                            |                                  |              |              |              |                                       |                                           |                                   |                                 |  |  | Anova: Factor único<br>X178 |                              |                                   |
| N.º de tratamiento<br>A180 | Código de<br>tratamiento<br>B180 |              |              |              | Media<br>R180                         | Respecto a K, %<br>S180                   |                                   | %<br>U180                       |  |  |                             | Resumen<br>X180              |                                   |
| 1.0<br>A181                | NPK 0<br>B181                    | 10.3<br>O181 | 10.6<br>P181 | 10.8<br>Q181 | 10.2<br>R181<br>=AVERAGE(N181:Q181)   |                                           |                                   |                                 |  |  |                             | Grupos<br>X181               | Número<br>Y181<br>Suma<br>Z181    |
| 3.0<br>A182                | NPK0 C1<br>B182                  | 11.2<br>O182 | 10.7<br>P182 | 11.7<br>Q182 | 11.075<br>R182<br>=AVERAGE(N182:Q182) | 108.5784314<br>S182<br>=R182/\$R\$181*100 |                                   | 0.875<br>U182<br>=R182-\$R\$181 |  |  |                             | Fila 1<br>X182               | 4.0<br>Y182<br>160.4<br>Z182      |
| 4.0<br>A183                | NPK0 C2<br>B183                  | 11.1<br>O183 | 10.9<br>P183 | 8.8<br>Q183  | 10.7<br>R183<br>=AVERAGE(N183:Q183)   | 104.9019608<br>S183<br>=R183/\$R\$181*100 |                                   | 0.5<br>U183<br>=R183-\$R\$181   |  |  |                             | Fila 2<br>X183               | 4.0<br>Y183<br>179.6<br>Z183      |
| 2.0<br>A184                | NPK<br>B184                      | 10.8<br>O184 | 12.1<br>P184 | 12.6<br>Q184 | 11.625<br>R184<br>=AVERAGE(N184:Q184) |                                           |                                   |                                 |  |  |                             | Fila 3<br>X184               | 4.0<br>Y184<br>168.0<br>Z184      |
| 5.0<br>A185                | NPK C1<br>B185                   | 12.0<br>O185 | 11.6<br>P185 | 11.5<br>Q185 | 11.9<br>R185<br>=AVERAGE(N185:Q185)   | 102.3655914<br>S185<br>=R185/\$R\$184*100 |                                   | 0.275<br>U185<br>=R185-\$R\$184 |  |  |                             | Fila 4<br>X185               | 4.0<br>Y185<br>166.2<br>Z185      |

|                            |                                                          |              |              |              |                                      |                                           |                                |                                  |  |  |                              |                                |                                 |
|----------------------------|----------------------------------------------------------|--------------|--------------|--------------|--------------------------------------|-------------------------------------------|--------------------------------|----------------------------------|--|--|------------------------------|--------------------------------|---------------------------------|
| 6.0<br>A186                | NPK C2<br>B186                                           | 11.0<br>O186 | 12.3<br>P186 | 11.5<br>Q186 | 11.45<br>R186<br>=AVERAGE(N186:Q186) | 98.49462366<br>S186<br>=R186/\$R\$184*100 |                                | -0.175<br>U186<br>=R186-\$R\$184 |  |  | Fila 5<br>X186               | 4.0<br>Y186                    | 184.2<br>Z186                   |
|                            |                                                          |              |              |              |                                      |                                           | Desviación de la media<br>T187 | 1.209<br>U187                    |  |  | Fila 6<br>X187               | 4.0<br>Y187                    | 182.8<br>Z187                   |
| N.º de tratamiento<br>A189 | Código de tratamiento<br>B189                            |              |              |              |                                      |                                           |                                |                                  |  |  |                              |                                |                                 |
| 1.0<br>A190                | NPK 0<br>B190                                            |              |              |              |                                      |                                           |                                |                                  |  |  | ANOVA<br>X190                |                                |                                 |
| 3.0<br>A191                | NPK0 C1<br>B191                                          |              |              |              |                                      |                                           |                                |                                  |  |  | Fuente de variación<br>X191  | SS (suma de cuadrados)<br>Y191 | df (grados de libertad)<br>Z191 |
| 4.0<br>A192                | NPK0 C2<br>B192                                          |              |              |              |                                      |                                           |                                |                                  |  |  | Entre grupos<br>X192         | 123.333333333333<br>3<br>Y192  | 5.0<br>Z192                     |
| 2.0<br>A193                | NPK<br>B193                                              |              |              |              |                                      |                                           |                                |                                  |  |  | Dentro de los grupos<br>X193 | 94.09999999999995<br>Y193      | 18.0<br>Z193                    |
| 5.0<br>A194                | NPK C1<br>B194                                           |              |              |              |                                      |                                           |                                |                                  |  |  |                              |                                |                                 |
| 6.0<br>A195                | NPK C2<br>B195                                           |              |              |              |                                      |                                           |                                |                                  |  |  | Total<br>X195                | 217.433333333332<br>8<br>Y195  | 23.0<br>Z195                    |
|                            |                                                          |              |              |              |                                      |                                           |                                |                                  |  |  |                              |                                |                                 |
|                            |                                                          |              |              |              |                                      |                                           |                                |                                  |  |  | Anova: Factor único<br>X197  |                                |                                 |
|                            | TA-28/25,<br>30.05.2025<br>B199                          |              |              |              |                                      |                                           |                                |                                  |  |  | Resumen<br>X199              |                                |                                 |
|                            | Número de identificación asignado por el cliente<br>B200 |              |              |              |                                      |                                           |                                |                                  |  |  | Grupos<br>X200               | Número<br>Y200                 | Suma<br>Z200                    |
|                            |                                                          |              |              |              |                                      |                                           |                                |                                  |  |  | Fila 1<br>X201               | 4.0<br>Y201                    | 0.305<br>Z201                   |
|                            | Remolacha<br>B202                                        |              |              |              |                                      |                                           |                                |                                  |  |  | Fila 2<br>X202               | 4.0<br>Y202                    | 0.336999999999999<br>97<br>Z202 |
|                            |                                                          |              |              |              |                                      |                                           |                                |                                  |  |  | Fila 3<br>X203               | 4.0<br>Y203                    | 0.663999999999999<br>9<br>Z203  |
|                            |                                                          |              |              |              |                                      |                                           |                                |                                  |  |  | Fila 4<br>X204               | 4.0<br>Y204                    | 0.351000000000000<br>03<br>Z204 |
|                            |                                                          |              |              |              |                                      |                                           |                                |                                  |  |  | Fila 5<br>X205               | 4.0<br>Y205                    | 0.447999999999999<br>95<br>Z205 |
|                            |                                                          |              |              |              |                                      |                                           |                                |                                  |  |  | Fila 6<br>X206               | 4.0<br>Y206                    | 0.517<br>Z206                   |
| 1.0<br>A207                | NPK 0<br>B207                                            |              |              |              |                                      |                                           |                                |                                  |  |  |                              |                                |                                 |
| 3.0<br>A208                | NPK0 C1<br>B208                                          |              |              |              |                                      |                                           |                                |                                  |  |  |                              |                                |                                 |
| 4.0<br>A209                | NPK0 C2<br>B209                                          |              |              |              |                                      |                                           |                                |                                  |  |  | ANOVA<br>X209                |                                |                                 |

|             |                |  |  |  |  |  |  |  |  |  |                              |                                   |                                    |
|-------------|----------------|--|--|--|--|--|--|--|--|--|------------------------------|-----------------------------------|------------------------------------|
| 2.0<br>A210 | NPK<br>B210    |  |  |  |  |  |  |  |  |  | Fuente de variación<br>X210  | SS (suma de<br>cuadrados)<br>Y210 | df (grados de<br>libertad)<br>Z210 |
| 5.0<br>A211 | NPK C1<br>B211 |  |  |  |  |  |  |  |  |  | Entre grupos<br>X211         | 0.023217499999999<br>995<br>Y211  | 5.0<br>Z211                        |
| 6.0<br>A212 | NPK C2<br>B212 |  |  |  |  |  |  |  |  |  | Dentro de los grupos<br>X212 | 0.033988999999999<br>985<br>Y212  | 18.0<br>Z212                       |
|             |                |  |  |  |  |  |  |  |  |  |                              |                                   |                                    |
|             |                |  |  |  |  |  |  |  |  |  | Total<br>X214                | 0.057206499999999<br>98<br>Y214   | 23.0<br>Z214                       |
|             |                |  |  |  |  |  |  |  |  |  | Anova: Factor único<br>X216  |                                   |                                    |
|             |                |  |  |  |  |  |  |  |  |  | Resumen<br>X218              |                                   |                                    |
|             |                |  |  |  |  |  |  |  |  |  | Grupos<br>X219               | Número<br>Y219                    | Suma<br>Z219                       |
|             |                |  |  |  |  |  |  |  |  |  | Fila 1<br>X220               | 4.0<br>Y220                       | 0.736<br>Z220                      |
|             |                |  |  |  |  |  |  |  |  |  | Fila 2<br>X221               | 4.0<br>Y221                       | 0.862<br>Z221                      |
|             |                |  |  |  |  |  |  |  |  |  | Fila 3<br>X222               | 4.0<br>Y222                       | 1.005<br>Z222                      |
|             |                |  |  |  |  |  |  |  |  |  | Fila 4<br>X223               | 4.0<br>Y223                       | 0.837<br>Z223                      |
|             |                |  |  |  |  |  |  |  |  |  | Fila 5<br>X224               | 4.0<br>Y224                       | 1.135000000000000<br>2<br>Z224     |
|             |                |  |  |  |  |  |  |  |  |  | Fila 6<br>X225               | 4.0<br>Y225                       | 1.213<br>Z225                      |
|             |                |  |  |  |  |  |  |  |  |  | ANOVA<br>X228                |                                   |                                    |
|             |                |  |  |  |  |  |  |  |  |  | Fuente de variación<br>X229  | SS (suma de<br>cuadrados)<br>Y229 | df (grados de<br>libertad)<br>Z229 |
|             |                |  |  |  |  |  |  |  |  |  | Entre grupos<br>X230         | 0.042859333333333<br>346<br>Y230  | 5.0<br>Z230                        |
|             |                |  |  |  |  |  |  |  |  |  | Dentro de los grupos<br>X231 | 0.010672000000000<br>006<br>Y231  | 18.0<br>Z231                       |
|             |                |  |  |  |  |  |  |  |  |  |                              |                                   |                                    |
|             |                |  |  |  |  |  |  |  |  |  | Total<br>X233                | 0.053531333333333<br>354<br>Y233  | 23.0<br>Z233                       |
|             |                |  |  |  |  |  |  |  |  |  | Anova: Factor único<br>X236  |                                   |                                    |
|             |                |  |  |  |  |  |  |  |  |  | Resumen<br>X238              |                                   |                                    |
|             |                |  |  |  |  |  |  |  |  |  | Grupos<br>X239               | Número<br>Y239                    | Suma<br>Z239                       |
|             |                |  |  |  |  |  |  |  |  |  | Fila 1<br>X240               | 4.0<br>Y240                       | 27.1999999999999<br>6<br>Z240      |

|  |  |  |  |  |  |  |  |  |                              |  |                                   |                                    |                                    |
|--|--|--|--|--|--|--|--|--|------------------------------|--|-----------------------------------|------------------------------------|------------------------------------|
|  |  |  |  |  |  |  |  |  |                              |  | Fila 2<br>X241                    | 4.0<br>Y241                        | 30.0<br>Z241                       |
|  |  |  |  |  |  |  |  |  |                              |  | Fila 3<br>X242                    | 4.0<br>Y242                        | 27.5999999999999<br>8<br>Z242      |
|  |  |  |  |  |  |  |  |  |                              |  | Fila 4<br>X243                    | 4.0<br>Y243                        | 27.7000000000000<br>3<br>Z243      |
|  |  |  |  |  |  |  |  |  |                              |  | Fila 5<br>X244                    | 4.0<br>Y244                        | 30.0<br>Z244                       |
|  |  |  |  |  |  |  |  |  |                              |  | Fila 6<br>X245                    | 4.0<br>Y245                        | 31.0<br>Z245                       |
|  |  |  |  |  |  |  |  |  |                              |  | ANOVA<br>X248                     |                                    |                                    |
|  |  |  |  |  |  |  |  |  |                              |  | Fuente de variación<br>X249       | SS (suma de<br>cuadrados)<br>Y249  | df (grados de<br>libertad)<br>Z249 |
|  |  |  |  |  |  |  |  |  |                              |  | Entre grupos<br>X250              | 3.21208333333333<br>Y250           | 5.0<br>Z250                        |
|  |  |  |  |  |  |  |  |  |                              |  | Dentro de los grupos<br>X251      | 2.71750000000000<br>Y251           | 18.0<br>Z251                       |
|  |  |  |  |  |  |  |  |  |                              |  |                                   |                                    |                                    |
|  |  |  |  |  |  |  |  |  |                              |  | Total<br>X253                     | 5.92958333333334<br>Y253           | 23.0<br>Z253                       |
|  |  |  |  |  |  |  |  |  | Anova: Factor único<br>V255  |  |                                   |                                    |                                    |
|  |  |  |  |  |  |  |  |  | Resumen<br>V257              |  |                                   |                                    |                                    |
|  |  |  |  |  |  |  |  |  | Grupos<br>V258               |  | Número<br>X258                    | Suma<br>Y258                       | Promedio<br>Z258                   |
|  |  |  |  |  |  |  |  |  | Fila 1<br>V259               |  | 4.0<br>X259                       | 40.8<br>Y259                       | 10.2<br>Z259                       |
|  |  |  |  |  |  |  |  |  | Fila 2<br>V260               |  | 4.0<br>X260                       | 44.3<br>Y260                       | 11.075<br>Z260                     |
|  |  |  |  |  |  |  |  |  | Fila 3<br>V261               |  | 4.0<br>X261                       | 42.8<br>Y261                       | 10.7<br>Z261                       |
|  |  |  |  |  |  |  |  |  | Fila 4<br>V262               |  | 4.0<br>X262                       | 46.5<br>Y262                       | 11.625<br>Z262                     |
|  |  |  |  |  |  |  |  |  | Fila 5<br>V263               |  | 4.0<br>X263                       | 47.6<br>Y263                       | 11.9<br>Z263                       |
|  |  |  |  |  |  |  |  |  | Fila 6<br>V264               |  | 4.0<br>X264                       | 45.8<br>Y264                       | 11.45<br>Z264                      |
|  |  |  |  |  |  |  |  |  | ANOVA<br>V267                |  |                                   |                                    |                                    |
|  |  |  |  |  |  |  |  |  | Fuente de variación<br>V268  |  | SS (suma de<br>cuadrados)<br>X268 | df (grados de<br>libertad)<br>Y268 | MS (cuadrado<br>medio)<br>Z268     |
|  |  |  |  |  |  |  |  |  | Entre grupos<br>V269         |  | 7.95333333333333<br>X269          | 5.0<br>Y269                        | 1.59066666666666<br>2<br>Z269      |
|  |  |  |  |  |  |  |  |  | Dentro de los grupos<br>V270 |  | 11.9249999999999<br>9<br>X270     | 18.0<br>Y270                       | 0.6625<br>Z270                     |
|  |  |  |  |  |  |  |  |  |                              |  |                                   |                                    |                                    |
|  |  |  |  |  |  |  |  |  | Total<br>V272                |  | 19.8783333333333<br>X272          | 23.0<br>Y272                       |                                    |

| Tabla 1              |                                                |  |  |  |  |  |  |
|----------------------|------------------------------------------------|--|--|--|--|--|--|
|                      | Rendimiento de remolacha en Stende, 2025<br>B1 |  |  |  |  |  |  |
|                      | Cultivo<br>B2                                  |  |  |  |  |  |  |
|                      | Campo<br>B3                                    |  |  |  |  |  |  |
|                      | Sembrado<br>B4                                 |  |  |  |  |  |  |
|                      | Cosechado<br>B5                                |  |  |  |  |  |  |
|                      |                                                |  |  |  |  |  |  |
| Tratamiento 1<br>A8  | I<br>B8                                        |  |  |  |  |  |  |
|                      |                                                |  |  |  |  |  |  |
|                      |                                                |  |  |  |  |  |  |
|                      | por réplica<br>B13                             |  |  |  |  |  |  |
|                      | II<br>B14                                      |  |  |  |  |  |  |
|                      |                                                |  |  |  |  |  |  |
|                      |                                                |  |  |  |  |  |  |
|                      | por réplica<br>B19                             |  |  |  |  |  |  |
|                      | III<br>B20                                     |  |  |  |  |  |  |
|                      |                                                |  |  |  |  |  |  |
|                      |                                                |  |  |  |  |  |  |
|                      | por réplica<br>B25                             |  |  |  |  |  |  |
|                      | IV<br>B26                                      |  |  |  |  |  |  |
|                      |                                                |  |  |  |  |  |  |
|                      |                                                |  |  |  |  |  |  |
|                      | por réplica<br>B31                             |  |  |  |  |  |  |
|                      | por tratamiento<br>B32                         |  |  |  |  |  |  |
| Tratamiento 2<br>A33 | I<br>B33                                       |  |  |  |  |  |  |
|                      |                                                |  |  |  |  |  |  |
|                      |                                                |  |  |  |  |  |  |
|                      | por réplica<br>B38                             |  |  |  |  |  |  |
|                      | II<br>B39                                      |  |  |  |  |  |  |
|                      |                                                |  |  |  |  |  |  |
|                      |                                                |  |  |  |  |  |  |
|                      | por réplica<br>B44                             |  |  |  |  |  |  |
|                      | III<br>B45                                     |  |  |  |  |  |  |
|                      |                                                |  |  |  |  |  |  |
|                      |                                                |  |  |  |  |  |  |
|                      |                                                |  |  |  |  |  |  |

|                      |                        |  |  |  |  |  |  |
|----------------------|------------------------|--|--|--|--|--|--|
|                      | por réplica<br>B50     |  |  |  |  |  |  |
|                      | IV<br>B51              |  |  |  |  |  |  |
|                      |                        |  |  |  |  |  |  |
|                      |                        |  |  |  |  |  |  |
|                      |                        |  |  |  |  |  |  |
|                      | por réplica<br>B56     |  |  |  |  |  |  |
|                      | por tratamiento<br>B57 |  |  |  |  |  |  |
| Tratamiento 3<br>A58 | I<br>B58               |  |  |  |  |  |  |
|                      |                        |  |  |  |  |  |  |
|                      |                        |  |  |  |  |  |  |
|                      |                        |  |  |  |  |  |  |
|                      | por réplica<br>B63     |  |  |  |  |  |  |
|                      | II<br>B64              |  |  |  |  |  |  |
|                      |                        |  |  |  |  |  |  |
|                      |                        |  |  |  |  |  |  |
|                      |                        |  |  |  |  |  |  |
|                      | por réplica<br>B69     |  |  |  |  |  |  |
|                      | III<br>B70             |  |  |  |  |  |  |
|                      |                        |  |  |  |  |  |  |
|                      |                        |  |  |  |  |  |  |
|                      |                        |  |  |  |  |  |  |
|                      | por réplica<br>B75     |  |  |  |  |  |  |
|                      | IV<br>B76              |  |  |  |  |  |  |
|                      |                        |  |  |  |  |  |  |
|                      |                        |  |  |  |  |  |  |
|                      |                        |  |  |  |  |  |  |
|                      | por réplica<br>B81     |  |  |  |  |  |  |
|                      | por tratamiento<br>B82 |  |  |  |  |  |  |
| Tratamiento 4<br>A83 | I<br>B83               |  |  |  |  |  |  |
|                      |                        |  |  |  |  |  |  |
|                      |                        |  |  |  |  |  |  |
|                      |                        |  |  |  |  |  |  |
|                      | por réplica<br>B88     |  |  |  |  |  |  |
|                      | II<br>B89              |  |  |  |  |  |  |
|                      |                        |  |  |  |  |  |  |
|                      |                        |  |  |  |  |  |  |
|                      |                        |  |  |  |  |  |  |
|                      | por réplica<br>B94     |  |  |  |  |  |  |
|                      | III<br>B95             |  |  |  |  |  |  |
|                      |                        |  |  |  |  |  |  |
|                      |                        |  |  |  |  |  |  |
|                      |                        |  |  |  |  |  |  |
|                      | por réplica<br>B100    |  |  |  |  |  |  |
|                      | IV<br>B101             |  |  |  |  |  |  |
|                      |                        |  |  |  |  |  |  |
|                      |                        |  |  |  |  |  |  |
|                      |                        |  |  |  |  |  |  |

|                       |                         |                                         |                                           |  |  |  |  |
|-----------------------|-------------------------|-----------------------------------------|-------------------------------------------|--|--|--|--|
|                       | por réplica<br>B106     |                                         |                                           |  |  |  |  |
|                       | por tratamiento<br>B107 |                                         |                                           |  |  |  |  |
| Tratamiento 5<br>A108 | I<br>B108               |                                         |                                           |  |  |  |  |
|                       |                         |                                         |                                           |  |  |  |  |
|                       |                         |                                         |                                           |  |  |  |  |
|                       |                         |                                         |                                           |  |  |  |  |
|                       | por réplica<br>B113     |                                         |                                           |  |  |  |  |
|                       | II<br>B114              |                                         |                                           |  |  |  |  |
|                       |                         |                                         |                                           |  |  |  |  |
|                       |                         |                                         |                                           |  |  |  |  |
|                       | por réplica<br>B119     |                                         |                                           |  |  |  |  |
|                       | III<br>B120             |                                         |                                           |  |  |  |  |
|                       |                         |                                         |                                           |  |  |  |  |
|                       |                         |                                         |                                           |  |  |  |  |
|                       | por réplica<br>B125     |                                         |                                           |  |  |  |  |
|                       | IV<br>B126              |                                         |                                           |  |  |  |  |
|                       |                         |                                         |                                           |  |  |  |  |
|                       |                         |                                         |                                           |  |  |  |  |
|                       | por réplica<br>B131     |                                         |                                           |  |  |  |  |
|                       | por tratamiento<br>B132 |                                         |                                           |  |  |  |  |
| Tratamiento 6<br>A133 | I<br>B133               |                                         |                                           |  |  |  |  |
|                       |                         |                                         |                                           |  |  |  |  |
|                       |                         |                                         |                                           |  |  |  |  |
|                       |                         | Número total, unidades<br>AA136         | Total kg<br>AB136                         |  |  |  |  |
|                       |                         | 48.375<br>AA137<br>=SUM(R137+U137+X137) | 4.336875<br>AB137<br>=SUM(S137+V137+Y137) |  |  |  |  |
|                       | por réplica<br>B138     | 50.875<br>AA138<br>=SUM(R138+U138+X138) | 5.970625<br>AB138<br>=SUM(S138+V138+Y138) |  |  |  |  |
|                       | II<br>B139              | 50.875<br>AA139<br>=SUM(R139+U139+X139) | 4.855625<br>AB139<br>=SUM(S139+V139+Y139) |  |  |  |  |
|                       |                         | 54.875<br>AA140<br>=SUM(R140+U140+X140) | 5.648125<br>AB140<br>=SUM(S140+V140+Y140) |  |  |  |  |
|                       |                         | 45.375<br>AA141<br>=SUM(R141+U141+X141) | 6.508125<br>AB141<br>=SUM(S141+V141+Y141) |  |  |  |  |
|                       |                         | 50.075<br>AA142<br>=SUM(R142+U142+X142) | 5.463875<br>AB142<br>=SUM(S142+V142+Y142) |  |  |  |  |
|                       |                         |                                         |                                           |  |  |  |  |
|                       | por réplica<br>B144     |                                         |                                           |  |  |  |  |
|                       | III<br>B145             |                                         |                                           |  |  |  |  |

|                    |                                                             |                         |                     |                    |                      |                  |                                  |
|--------------------|-------------------------------------------------------------|-------------------------|---------------------|--------------------|----------------------|------------------|----------------------------------|
|                    |                                                             |                         |                     |                    |                      |                  |                                  |
|                    |                                                             |                         |                     |                    |                      |                  |                                  |
|                    |                                                             |                         |                     |                    |                      |                  |                                  |
|                    |                                                             |                         |                     |                    |                      |                  |                                  |
|                    | por réplica                                                 |                         |                     |                    |                      |                  |                                  |
|                    | B150                                                        |                         |                     |                    |                      |                  |                                  |
|                    | IV                                                          |                         |                     |                    |                      |                  |                                  |
|                    | B151                                                        |                         |                     |                    |                      |                  |                                  |
|                    |                                                             |                         |                     |                    |                      |                  |                                  |
|                    |                                                             |                         |                     |                    |                      |                  |                                  |
|                    |                                                             |                         |                     |                    |                      |                  |                                  |
|                    | por réplica                                                 |                         |                     |                    |                      |                  |                                  |
|                    | B156                                                        |                         |                     |                    |                      |                  |                                  |
|                    | por tratamiento                                             |                         |                     |                    |                      |                  |                                  |
|                    | B157                                                        |                         |                     |                    |                      |                  |                                  |
|                    | Rendimiento de remolacha de mesa,<br>kg por 2 m², SPC, 2025 |                         |                     |                    |                      |                  |                                  |
|                    | B159                                                        |                         |                     |                    |                      |                  |                                  |
| N.º de tratamiento | Código de tratamiento                                       |                         |                     |                    |                      |                  |                                  |
| A160               | B160                                                        |                         |                     |                    |                      |                  |                                  |
| 1.0                | NPK 0                                                       |                         |                     |                    |                      |                  |                                  |
| A161               | B161                                                        |                         |                     |                    |                      |                  |                                  |
| 3.0                | NPK0 C1                                                     | Suma                    | Promedio            | Varianza           |                      |                  |                                  |
| A162               | B162                                                        | AA162                   | AB162               | AC162              |                      |                  |                                  |
| 4.0                | NPK0 C2                                                     | 173.475                 | 43.36875            | 79.45473958333362  |                      |                  |                                  |
| A163               | B163                                                        | AA163                   | AB163               | AC163              |                      |                  |                                  |
| 2.0                | NPK                                                         | 194.225                 | 48.55625            | 38.29098958333331  |                      |                  |                                  |
| A164               | B164                                                        | AA164                   | AB164               | AC164              |                      |                  |                                  |
| 5.0                | NPK C1                                                      | 225.925                 | 56.48125            | 15.649739583333329 |                      |                  |                                  |
| A165               | B165                                                        | AA165                   | AB165               | AC165              |                      |                  |                                  |
| 6.0                | NPK C2                                                      | 238.825                 | 59.70625            | 88.6922395833335   |                      |                  |                                  |
| A166               | B166                                                        | AA166                   | AB166               | AC166              |                      |                  |                                  |
|                    |                                                             | 260.325                 | 65.08125            | 205.15057291666622 |                      |                  |                                  |
|                    |                                                             | AA167                   | AB167               | AC167              |                      |                  |                                  |
|                    |                                                             | 248.44999999999996      | 62.11249999999999   | 37.99354166666663  |                      |                  |                                  |
|                    |                                                             | AA168                   | AB168               | AC168              |                      |                  |                                  |
| N.º de tratamiento | Código de tratamiento                                       |                         |                     |                    |                      |                  |                                  |
| A170               | B170                                                        |                         |                     |                    |                      |                  |                                  |
| 1.0                | NPK 0                                                       |                         |                     |                    |                      |                  |                                  |
| A171               | B171                                                        |                         |                     |                    |                      |                  |                                  |
| 3.0                | NPK0 C1                                                     | df (grados de libertad) | MS (cuadrado medio) | F                  | Valor de P           | F crítico        |                                  |
| A172               | B172                                                        | AA172                   | AB172               | AC172              | AD172                | AE172            |                                  |
| 4.0                | NPK0 C2                                                     | 5.0                     | 278.9418593750001   | 3.597456308464499  | 0.019754897640893988 | 2.77285315299783 | 4.4028013                        |
| A173               | B173                                                        | AA173                   | AB173               | AC173              | AD173                | AE173            | AF173<br>=SQRT(AB174/4)          |
| 2.0                | NPK                                                         | 18.0                    | 77.53863715277775   |                    |                      |                  |                                  |
| A174               | B174                                                        | AA174                   | AB174               |                    |                      |                  |                                  |
| 5.0                | NPK C1                                                      |                         |                     |                    |                      |                  | 6.226501311                      |
| A175               | B175                                                        |                         |                     |                    |                      |                  | AF175<br>=SQRT(2)*AF173          |
| 6.0                | NPK C2                                                      | 23.0                    |                     |                    |                      |                  | 13.08139384                      |
| A176               | B176                                                        | AA176                   |                     |                    |                      |                  | AF176<br>=TINV(0.05,AA174)*AF175 |
|                    |                                                             |                         |                     |                    |                      |                  |                                  |
|                    |                                                             |                         |                     |                    |                      |                  |                                  |
| N.º de tratamiento | Código de tratamiento                                       |                         |                     |                    |                      |                  |                                  |
| A180               | B180                                                        |                         |                     |                    |                      |                  |                                  |
| 1.0                | NPK 0                                                       | Promedio                | Varianza            |                    |                      |                  |                                  |
| A181               | B181                                                        | AA181                   | AB181               |                    |                      |                  |                                  |

|                            |                                                          |                              |                                |                             |                           |                                                   |  |
|----------------------------|----------------------------------------------------------|------------------------------|--------------------------------|-----------------------------|---------------------------|---------------------------------------------------|--|
| 3.0<br>A182                | NPK0 C1<br>B182                                          | 40.1<br>AA182                | 8.9733333333332<br>AB182       |                             |                           |                                                   |  |
| 4.0<br>A183                | NPK0 C2<br>B183                                          | 44.9<br>AA183                | 4.91999999999994<br>AB183      |                             |                           |                                                   |  |
| 2.0<br>A184                | NPK<br>B184                                              | 42.0<br>AA184                | 3.11999999999995<br>AB184      |                             |                           |                                                   |  |
| 5.0<br>A185                | NPK C1<br>B185                                           | 41.55<br>AA185               | 3.98333333333341<br>AB185      |                             |                           |                                                   |  |
| 6.0<br>A186                | NPK C2<br>B186                                           | 46.05<br>AA186               | 4.250000000000001<br>AB186     |                             |                           |                                                   |  |
|                            |                                                          | 45.7<br>AA187                | 6.120000000000001<br>AB187     |                             |                           |                                                   |  |
| N.º de tratamiento<br>A189 | Código de tratamiento<br>B189                            |                              |                                |                             |                           |                                                   |  |
| 1.0<br>A190                | NPK 0<br>B190                                            |                              |                                |                             |                           |                                                   |  |
| 3.0<br>A191                | NPK0 C1<br>B191                                          | MS (cuadrado medio)<br>AA191 | F<br>AB191                     | Valor de P<br>AC191         | F crítico<br>AD191        |                                                   |  |
| 4.0<br>A192                | NPK0 C2<br>B192                                          | 24.66666666666664<br>AA192   | 4.7183846971307135<br>AB192    | 0.0062760657457942<br>AC192 | 2.77285315299783<br>AD192 | 1.143216709<br>AE192<br>=SQRT (AA193/4)           |  |
| 2.0<br>A193                | NPK<br>B193                                              | 5.22777777777775<br>AA193    |                                |                             |                           |                                                   |  |
| 5.0<br>A194                | NPK C1<br>B194                                           |                              |                                |                             |                           | 1.616752575<br>AE194<br>=SQRT (2) *AE192          |  |
| 6.0<br>A195                | NPK C2<br>B195                                           |                              |                                |                             |                           | 3.396671119<br>AE195<br>=TINV (0.05, Z193) *AE194 |  |
|                            |                                                          |                              |                                |                             |                           |                                                   |  |
|                            |                                                          |                              |                                |                             |                           |                                                   |  |
|                            | TA-28/25, 30.05.2025<br>B199                             |                              |                                |                             |                           |                                                   |  |
|                            | Número de identificación asignado por el cliente<br>B200 | Promedio<br>AA200            | Varianza<br>AB200              |                             |                           |                                                   |  |
|                            |                                                          | 0.07625<br>AA201             | 0.0002209166666666787<br>AB201 |                             |                           |                                                   |  |
|                            | Remolacha<br>B202                                        | 0.0842499999999999<br>AA202  | 0.0001162500000000292<br>AB202 |                             |                           |                                                   |  |
|                            |                                                          | 0.1659999999999998<br>AA203  | 0.01053266666666657<br>AB203   |                             |                           |                                                   |  |
|                            |                                                          | 0.08775000000000001<br>AA204 | 0.0001542499999999814<br>AB204 |                             |                           |                                                   |  |
|                            |                                                          | 0.1119999999999999<br>AA205  | 2.533333333333336e-05<br>AB205 |                             |                           |                                                   |  |
|                            |                                                          | 0.12925<br>AA206             | 0.0002802500000000505<br>AB206 |                             |                           |                                                   |  |
| 1.0<br>A207                | NPK 0<br>B207                                            |                              |                                |                             |                           |                                                   |  |
| 3.0<br>A208                | NPK0 C1<br>B208                                          |                              |                                |                             |                           |                                                   |  |
| 4.0<br>A209                | NPK0 C2<br>B209                                          |                              |                                |                             |                           |                                                   |  |

|             |                |                               |                                |                                |                           |                                                  |  |
|-------------|----------------|-------------------------------|--------------------------------|--------------------------------|---------------------------|--------------------------------------------------|--|
| 2.0<br>A210 | NPK<br>B210    | MS (cuadrado medio)<br>AA210  | F<br>AB210                     | Valor de P<br>AC210            | F crítico<br>AD210        |                                                  |  |
| 5.0<br>A211 | NPK C1<br>B211 | 0.004643499999999999<br>AA211 | 2.4591191267763106<br>AB211    | 0.07258289240782158<br>AC211   | 2.77285315299783<br>AD211 | 0.02172715914<br>AE211<br>=SQRT(AA212/4)         |  |
| 6.0<br>A212 | NPK C2<br>B212 | 0.001888277777777777<br>AA212 |                                |                                |                           |                                                  |  |
|             |                |                               |                                |                                |                           | 0.03072684313<br>AE213<br>=SQRT(2)*AE211         |  |
|             |                |                               |                                |                                |                           | 0.06455470196<br>AE214<br>=TINV(0.05,Z212)*AE213 |  |
|             |                |                               |                                |                                |                           |                                                  |  |
|             |                | Promedio<br>AA219             | Varianza<br>AB219              |                                |                           |                                                  |  |
|             |                | 0.184<br>AA220                | 0.000957999999999959<br>AB220  |                                |                           |                                                  |  |
|             |                | 0.2155<br>AA221               | 3.500000000000015e-05<br>AB221 |                                |                           |                                                  |  |
|             |                | 0.25125<br>AA222              | 4.225000000000008e-05<br>AB222 |                                |                           |                                                  |  |
|             |                | 0.20925<br>AA223              | 0.00017291666666667<br>AB223   |                                |                           |                                                  |  |
|             |                | 0.2837500000000006<br>AA224   | 0.0003862500000000074<br>AB224 |                                |                           |                                                  |  |
|             |                | 0.30325<br>AA225              | 0.00196291666666666<br>AB225   |                                |                           |                                                  |  |
|             |                |                               |                                |                                |                           |                                                  |  |
|             |                | MS (cuadrado medio)<br>AA229  | F<br>AB229                     | Valor de P<br>AC229            | F crítico<br>AD229        |                                                  |  |
|             |                | 0.008571866666666669<br>AA230 | 14.457796101949022<br>AB230    | 9.122691996504591e-06<br>AC230 | 2.77285315299783<br>AD230 | 0.01217465491<br>AE230<br>=SQRT(AA231/4)         |  |
|             |                | 0.000592888888888892<br>AA231 |                                |                                |                           |                                                  |  |
|             |                |                               |                                |                                |                           | 0.01721756209<br>AE232<br>=SQRT(2)*AE230         |  |
|             |                |                               |                                |                                |                           | 0.03617275568<br>AE233<br>=TINV(0.05,Z231)*AE232 |  |
|             |                |                               |                                |                                |                           |                                                  |  |
|             |                | Promedio<br>AA239             | Varianza<br>AB239              |                                |                           |                                                  |  |
|             |                | 6.799999999999999<br>AA240    | 0.42000000000000015<br>AB240   |                                |                           |                                                  |  |
|             |                | 7.5<br>AA241                  | 0.14666666666666658<br>AB241   |                                |                           |                                                  |  |
|             |                | 6.899999999999995<br>AA242    | 0.0333333333333328<br>AB242    |                                |                           |                                                  |  |
|             |                | 6.925000000000001<br>AA243    | 0.0491666666666667<br>AB243    |                                |                           |                                                  |  |
|             |                | 7.5<br>AA244                  | 0.00666666666666619<br>AB244   |                                |                           |                                                  |  |

|  |  |                              |                              |                               |                                                |                                                 |  |
|--|--|------------------------------|------------------------------|-------------------------------|------------------------------------------------|-------------------------------------------------|--|
|  |  | 7.75<br>AA245                | 0.25000000000000044<br>AB245 |                               |                                                |                                                 |  |
|  |  | MS (cuadrado medio)<br>AA249 | F<br>AB249                   | Valor de P<br>AC249           | F crítico<br>AD249                             |                                                 |  |
|  |  | 0.6424166666666666<br>AA250  | 4.255197792088315<br>AB250   | 0.009926178291078318<br>AC250 | 2.77285315299783<br>AD250                      | 0.1942757204<br>AE250<br>=SQRT(AA251/4)         |  |
|  |  | 0.1509722222222229<br>AA251  |                              |                               |                                                |                                                 |  |
|  |  |                              |                              |                               |                                                | 0.2747473587<br>AE252<br>=SQRT(2)*AE250         |  |
|  |  |                              |                              |                               |                                                | 0.5772227814<br>AE253<br>=TINV(0.05,Z251)*AE252 |  |
|  |  |                              |                              |                               |                                                |                                                 |  |
|  |  | Varianza<br>AA258            |                              |                               |                                                |                                                 |  |
|  |  | 0.5800000000000005<br>AA259  |                              |                               |                                                |                                                 |  |
|  |  | 0.2291666666666666<br>AA260  |                              |                               |                                                |                                                 |  |
|  |  | 1.8333333333333524<br>AA261  |                              |                               |                                                |                                                 |  |
|  |  | 0.7491666666666666<br>AA262  |                              |                               |                                                |                                                 |  |
|  |  | 0.2066666666666675<br>AA263  |                              |                               |                                                |                                                 |  |
|  |  | 0.376666666666671<br>AA264   |                              |                               |                                                |                                                 |  |
|  |  |                              |                              |                               |                                                |                                                 |  |
|  |  | F<br>AA268                   | Valor de P<br>AB268          | F crítico<br>AC268            |                                                |                                                 |  |
|  |  | 2.4010062893081754<br>AA269  | 0.07785755194524464<br>AB269 | 2.77285315299783<br>AC269     | 0.4069705149<br>AD269<br>=SQRT(Z270/4)         |                                                 |  |
|  |  |                              |                              |                               |                                                |                                                 |  |
|  |  |                              |                              |                               | 0.5755432217<br>AD271<br>=SQRT(2)*AD269        |                                                 |  |
|  |  |                              |                              |                               | 1.209171439<br>AD272<br>=TINV(0.05,Y270)*AD271 |                                                 |  |

Hoja de cálculo: lechuga

| Tabla 2 |                                                          |                                |                                       |                                                                                            |                                    |                                |                                             |                                  |                                                                                  |                                                            |                                                               |                                                       |                                                         |
|---------|----------------------------------------------------------|--------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------|--------------------------------|---------------------------------------------|----------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------|
|         | Invernadero<br>B1                                        |                                |                                       |                                                                                            |                                    |                                |                                             |                                  |                                                                                  |                                                            |                                                               |                                                       |                                                         |
|         | Plantado el<br>7.08.2025.<br>B2                          |                                |                                       |                                                                                            |                                    |                                |                                             |                                  |                                                                                  |                                                            |                                                               |                                                       |                                                         |
|         | Cosecha de biomasa<br>fresca y lavado de<br>raíces<br>B3 |                                |                                       |                                                                                            | 06.09.2025./09.09.2<br>025.<br>F3  |                                |                                             |                                  |                                                                                  |                                                            |                                                               |                                                       |                                                         |
|         | Mediciones y<br>observaciones,<br>lechuga<br>B5          |                                |                                       |                                                                                            |                                    |                                |                                             |                                  |                                                                                  |                                                            |                                                               |                                                       |                                                         |
|         | Plantas<br>B6                                            | Código de<br>tratamiento<br>C6 | Biomasa fresca por<br>planta, g<br>D6 | Materia seca por<br>planta, %<br>(Reglamento del<br>Consejo de Ministros<br>n.º 518)<br>E6 | Longitud de las<br>hojas, cm<br>F6 | Número de hojas<br>G6          | Diámetro del cuello<br>de la raíz, mm<br>H6 | Longitud de la raíz,<br>cm<br>I6 | Proteína en materia<br>seca, % (análisis<br>elemental,<br>combustión seca)<br>J6 | Fibra bruta en<br>materia seca, % (ISO<br>5498:1981)<br>K6 | Potasio en materia<br>seca, % (LVS EN ISO<br>6869:2002)<br>L6 | Calcio en materia<br>seca, % (GOST<br>26570-95)<br>M6 | Magnesio en materia<br>seca, % (GOST<br>26570-95)<br>N6 |
|         | 1.0<br>B7                                                | K 1<br>C7                      | 1.05<br>D7                            | 14.29<br>E7                                                                                | 5.0<br>F7                          | 5.0<br>G7                      | 0.25<br>H7                                  | 11.0<br>I7                       |                                                                                  |                                                            |                                                               |                                                       |                                                         |
|         | 2.0<br>B8                                                | K 2<br>C8                      | 1.37<br>D8                            | 15.33<br>E8                                                                                | 5.0<br>F8                          | 5.0<br>G8                      | 0.2<br>H8                                   | 9.0<br>I8                        |                                                                                  |                                                            |                                                               |                                                       |                                                         |
|         | 3.0<br>B9                                                | K 3<br>C9                      | 0.62<br>D9                            | 11.29<br>E9                                                                                | 4.0<br>F9                          | 5.0<br>G9                      | 0.2<br>H9                                   | 15.0<br>I9                       |                                                                                  |                                                            |                                                               |                                                       |                                                         |
|         | 4.0<br>B10                                               | K 4<br>C10                     | 1.02<br>D10                           | 10.78<br>E10                                                                               | 4.0<br>F10                         | 5.0<br>G10                     | 0.2<br>H10                                  | 14.0<br>I10                      |                                                                                  |                                                            |                                                               |                                                       |                                                         |
|         | 5.0<br>B11                                               | K 5<br>C11                     | 1.48<br>D11                           | 12.84<br>E11                                                                               | 4.5<br>F11                         | 5.0<br>G11                     | 0.2<br>H11                                  | 11.5<br>I11                      |                                                                                  |                                                            |                                                               |                                                       |                                                         |
|         | 6.0<br>B12                                               | K 6<br>C12                     | 1.46<br>D12                           | 14.38<br>E12                                                                               | 4.5<br>F12                         | 5.0<br>G12                     | 0.25<br>H12                                 | 10.5<br>I12                      |                                                                                  |                                                            |                                                               |                                                       |                                                         |
|         | 7.0<br>B13                                               | K 7<br>C13                     | 1.52<br>D13                           | 9.21<br>E13                                                                                | 4.5<br>F13                         | 6.0<br>G13                     | 0.25<br>H13                                 | 14.0<br>I13                      |                                                                                  |                                                            |                                                               |                                                       |                                                         |
|         | 8.0<br>B14                                               | K 8<br>C14                     | 0.82<br>D14                           | 13.41<br>E14                                                                               | 4.0<br>F14                         | 5.0<br>G14                     | 0.2<br>H14                                  | 11.5<br>I14                      |                                                                                  |                                                            |                                                               |                                                       |                                                         |
|         | 9.0<br>B15                                               | K 9<br>C15                     | 1.46<br>D15                           | 14.38<br>E15                                                                               | 4.5<br>F15                         | 5.0<br>G15                     | 0.25<br>H15                                 | 17.0<br>I15                      |                                                                                  |                                                            |                                                               |                                                       |                                                         |
|         | 10.0<br>B16                                              | K 10<br>C16                    | 0.94<br>D16                           | 15.96<br>E16                                                                               | 4.0<br>F16                         | 5.0<br>G16                     | 0.2<br>H16                                  | 14.5<br>I16                      |                                                                                  |                                                            |                                                               |                                                       |                                                         |
|         |                                                          | Media<br>C17                   | 1.174<br>D17<br>=AVERAGE(D7:D16)      | 13.187<br>E17<br>=AVERAGE(E7:E16)                                                          | 4.4<br>F17<br>=AVERAGE(F7:F16)     | 5.1<br>G17<br>=AVERAGE(G7:G16) | 0.22<br>H17<br>=AVERAGE(H7:H16)             | 12.8<br>I17<br>=AVERAGE(I7:I16)  | 15.74<br>J17                                                                     | ninguno<br>K17                                             | 3.42<br>L17                                                   | 1.32<br>M17                                           | 0.23<br>N17                                             |
|         | 21.0<br>B18                                              | C1 1<br>C18                    | 0.94<br>D18                           | 12.77<br>E18                                                                               | 4.0<br>F18                         | 4.0<br>G18                     | 0.2<br>H18                                  | 10.5<br>I18                      |                                                                                  |                                                            |                                                               |                                                       |                                                         |
|         | 22.0<br>B19                                              | C1 2<br>C19                    | 1.42<br>D19                           | 15.49<br>E19                                                                               | 4.5<br>F19                         | 5.0<br>G19                     | 0.25<br>H19                                 | 9.0<br>I19                       |                                                                                  |                                                            |                                                               |                                                       |                                                         |
|         | 23.0<br>B20                                              | C1 3<br>C20                    | 1.47<br>D20                           | 12.93<br>E20                                                                               | 4.5<br>F20                         | 5.0<br>G20                     | 0.2<br>H20                                  | 9.5<br>I20                       |                                                                                  |                                                            |                                                               |                                                       |                                                         |
|         | 24.0<br>B21                                              | C1 4<br>C21                    | 1.79<br>D21                           | 12.29<br>E21                                                                               | 4.5<br>F21                         | 6.0<br>G21                     | 0.25<br>H21                                 | 13.0<br>I21                      |                                                                                  |                                                            |                                                               |                                                       |                                                         |

|  |             |              |                                   |                                    |                                  |                                 |                                  |                                   |              |                |             |             |             |
|--|-------------|--------------|-----------------------------------|------------------------------------|----------------------------------|---------------------------------|----------------------------------|-----------------------------------|--------------|----------------|-------------|-------------|-------------|
|  | 25.0<br>B22 | C1 5<br>C22  | 1.04<br>D22                       | 13.46<br>E22                       | 4.0<br>F22                       | 4.0<br>G22                      | 0.2<br>H22                       | 6.0<br>I22                        |              |                |             |             |             |
|  | 26.0<br>B23 | C1 6<br>C23  | 1.92<br>D23                       | 12.5<br>E23                        | 5.0<br>F23                       | 6.0<br>G23                      | 0.2<br>H23                       | 14.5<br>I23                       |              |                |             |             |             |
|  | 27.0<br>B24 | C1 7<br>C24  | 1.36<br>D24                       | 13.97<br>E24                       | 5.0<br>F24                       | 5.0<br>G24                      | 0.2<br>H24                       | 12.0<br>I24                       |              |                |             |             |             |
|  | 28.0<br>B25 | C1 8<br>C25  | 1.45<br>D25                       | 13.79<br>E25                       | 5.0<br>F25                       | 5.0<br>G25                      | 0.25<br>H25                      | 9.0<br>I25                        |              |                |             |             |             |
|  | 29.0<br>B26 | C1 9<br>C26  | 0.72<br>D26                       | 18.06<br>E26                       | 4.0<br>F26                       | 4.0<br>G26                      | 0.15<br>H26                      | 17.0<br>I26                       |              |                |             |             |             |
|  | 30.0<br>B27 | C1 10<br>C27 | 1.38<br>D27                       | 15.94<br>E27                       | 5.0<br>F27                       | 5.0<br>G27                      | 0.2<br>H27                       | 15.5<br>I27                       |              |                |             |             |             |
|  |             | Media<br>C28 | 1.349<br>D28<br>=AVERAGE(D18:D27) | 14.12<br>E28<br>=AVERAGE(E18:E27)  | 4.55<br>F28<br>=AVERAGE(F18:F27) | 4.9<br>G28<br>=AVERAGE(G18:G27) | 0.21<br>H28<br>=AVERAGE(H18:H27) | 11.6<br>I28<br>=AVERAGE(I18:I27)  | 14.93<br>J28 | ninguno<br>K28 | 2.98<br>L28 | 1.32<br>M28 | 0.3<br>N28  |
|  | 31.0<br>B29 | C2 1<br>C29  | 0.83<br>D29                       | 15.66<br>E29                       | 4.0<br>F29                       | 4.0<br>G29                      | 0.1<br>H29                       | 16.0<br>I29                       |              |                |             |             |             |
|  | 32.0<br>B30 | C2 2<br>C30  | 1.81<br>D30                       | 13.81<br>E30                       | 5.0<br>F30                       | 5.0<br>G30                      | 0.25<br>H30                      | 15.5<br>I30                       |              |                |             |             |             |
|  | 33.0<br>B31 | C2 3<br>C31  | 1.07<br>D31                       | 15.89<br>E31                       | 4.5<br>F31                       | 5.0<br>G31                      | 0.2<br>H31                       | 12.0<br>I31                       |              |                |             |             |             |
|  | 34.0<br>B32 | C2 4<br>C32  | 0.62<br>D32                       | 16.13<br>E32                       | 3.5<br>F32                       | 4.0<br>G32                      | 0.2<br>H32                       | 16.5<br>I32                       |              |                |             |             |             |
|  | 35.0<br>B33 | C2 5<br>C33  | 1.05<br>D33                       | 8.57<br>E33                        | 4.0<br>F33                       | 5.0<br>G33                      | 0.2<br>H33                       | 17.0<br>I33                       |              |                |             |             |             |
|  | 36.0<br>B34 | C2 6<br>C34  | 2.31<br>D34                       | 11.69<br>E34                       | 5.0<br>F34                       | 7.0<br>G34                      | 0.25<br>H34                      | 18.0<br>I34                       |              |                |             |             |             |
|  | 37.0<br>B35 | C2 7<br>C35  | 1.4<br>D35                        | 10.0<br>E35                        | 5.0<br>F35                       | 5.0<br>G35                      | 0.2<br>H35                       | 13.0<br>I35                       |              |                |             |             |             |
|  | 38.0<br>B36 | C2 8<br>C36  | 1.68<br>D36                       | 13.69<br>E36                       | 5.0<br>F36                       | 6.0<br>G36                      | 0.25<br>H36                      | 13.5<br>I36                       |              |                |             |             |             |
|  | 39.0<br>B37 | C2 9<br>C37  | 0.61<br>D37                       | 13.11<br>E37                       | 3.5<br>F37                       | 4.0<br>G37                      | 0.15<br>H37                      | 13.0<br>I37                       |              |                |             |             |             |
|  | 40.0<br>B38 | C2 10<br>C38 | 2.25<br>D38                       | 13.33<br>E38                       | 5.0<br>F38                       | 6.0<br>G38                      | 0.3<br>H38                       | 12.0<br>I38                       |              |                |             |             |             |
|  |             | Media<br>C39 | 1.363<br>D39<br>=AVERAGE(D29:D38) | 13.188<br>E39<br>=AVERAGE(E29:E38) | 4.45<br>F39<br>=AVERAGE(F29:F38) | 5.1<br>G39<br>=AVERAGE(G29:G38) | 0.21<br>H39<br>=AVERAGE(H29:H38) | 14.65<br>I39<br>=AVERAGE(I29:I38) | 16.12<br>J39 | ninguno<br>K39 | 3.21<br>L39 | 1.28<br>M39 | 0.31<br>N39 |
|  | 11.0<br>B40 | NPK 1<br>C40 | 63.95<br>D40                      | 5.29<br>E40                        | 17.0<br>F40                      | 12.0<br>G40                     | 1.05<br>H40                      | 16.5<br>I40                       |              |                |             |             |             |
|  | 12.0<br>B41 | NPK 2<br>C41 | 87.26<br>D41                      | 4.88<br>E41                        | 20.0<br>F41                      | 12.0<br>G41                     | 1.1<br>H41                       | 18.5<br>I41                       |              |                |             |             |             |
|  | 13.0<br>B42 | NPK 3<br>C42 | 62.06<br>D42                      | 5.95<br>E42                        | 16.0<br>F42                      | 12.0<br>G42                     | 0.85<br>H42                      | 19.5<br>I42                       |              |                |             |             |             |
|  | 14.0<br>B43 | NPK 4<br>C43 | 63.65<br>D43                      | 5.69<br>E43                        | 17.0<br>F43                      | 11.0<br>G43                     | 0.95<br>H43                      | 25.5<br>I43                       |              |                |             |             |             |
|  | 15.0<br>B44 | NPK 5<br>C44 | 61.11<br>D44                      | 5.79<br>E44                        | 16.5<br>F44                      | 11.0<br>G44                     | 1.0<br>H44                       | 26.5<br>I44                       |              |                |             |             |             |
|  | 16.0<br>B45 | NPK 6<br>C45 | 67.11<br>D45                      | 5.08<br>E45                        | 19.0<br>F45                      | 12.0<br>G45                     | 0.9<br>H45                       | 20.5<br>I45                       |              |                |             |             |             |
|  | 17.0<br>B46 | NPK 7<br>C46 | 76.96<br>D46                      | 5.57<br>E46                        | 20.0<br>F46                      | 11.0<br>G46                     | 1.1<br>H46                       | 20.0<br>I46                       |              |                |             |             |             |
|  | 18.0<br>B47 | NPK 8<br>C47 | 71.7<br>D47                       | 4.97<br>E47                        | 20.5<br>F47                      | 13.0<br>G47                     | 1.4<br>H47                       | 18.0<br>I47                       |              |                |             |             |             |

|  |             |                  |                                     |                                    |                                    |                                   |                                    |                                    |              |              |             |             |             |
|--|-------------|------------------|-------------------------------------|------------------------------------|------------------------------------|-----------------------------------|------------------------------------|------------------------------------|--------------|--------------|-------------|-------------|-------------|
|  | 19.0<br>B48 | NPK 9<br>C48     | 70.16<br>D48                        | 5.4<br>E48                         | 18.5<br>F48                        | 11.0<br>G48                       | 1.0<br>H48                         | 21.0<br>I48                        |              |              |             |             |             |
|  | 20.0<br>B49 | NPK 10<br>C49    | 78.12<br>D49                        | 5.85<br>E49                        | 20.0<br>F49                        | 12.0<br>G49                       | 1.0<br>H49                         | 22.0<br>I49                        |              |              |             |             |             |
|  |             | Media<br>C50     | 70.208<br>D50<br>=AVERAGE (D40:D49) | 5.447<br>E50<br>=AVERAGE (E40:E49) | 18.45<br>F50<br>=AVERAGE (F40:F49) | 11.7<br>G50<br>=AVERAGE (G40:G49) | 1.035<br>H50<br>=AVERAGE (H40:H49) | 20.8<br>I50<br>=AVERAGE (I40:I49)  | 37.39<br>J50 | 12.79<br>K50 | 7.7<br>L50  | 0.52<br>M50 | 0.68<br>N50 |
|  | 41.0<br>B51 | NPK C1 1<br>C51  | 61.68<br>D51                        | 4.96<br>E51                        | 18.0<br>F51                        | 11.0<br>G51                       | 0.8<br>H51                         | 14.0<br>I51                        |              |              |             |             |             |
|  | 42.0<br>B52 | NPK C1 2<br>C52  | 66.91<br>D52                        | 4.71<br>E52                        | 20.0<br>F52                        | 12.0<br>G52                       | 1.1<br>H52                         | 15.0<br>I52                        |              |              |             |             |             |
|  | 43.0<br>B53 | NPK C1 3<br>C53  | 59.22<br>D53                        | 5.15<br>E53                        | 17.5<br>F53                        | 11.0<br>G53                       | 0.9<br>H53                         | 18.0<br>I53                        |              |              |             |             |             |
|  | 44.0<br>B54 | NPK C1 4<br>C54  | 60.12<br>D54                        | 5.84<br>E54                        | 16.5<br>F54                        | 12.0<br>G54                       | 1.05<br>H54                        | 21.5<br>I54                        |              |              |             |             |             |
|  | 45.0<br>B55 | NPK C1 5<br>C55  | 63.56<br>D55                        | 5.66<br>E55                        | 17.0<br>F55                        | 13.0<br>G55                       | 0.95<br>H55                        | 22.0<br>I55                        |              |              |             |             |             |
|  | 46.0<br>B56 | NPK C1 6<br>C56  | 65.75<br>D56                        | 4.97<br>E56                        | 18.0<br>F56                        | 11.0<br>G56                       | 0.9<br>H56                         | 18.0<br>I56                        |              |              |             |             |             |
|  | 47.0<br>B57 | NPK C1 7<br>C57  | 66.28<br>D57                        | 5.13<br>E57                        | 18.0<br>F57                        | 13.0<br>G57                       | 0.95<br>H57                        | 19.0<br>I57                        |              |              |             |             |             |
|  | 48.0<br>B58 | NPK C1 8<br>C58  | 76.33<br>D58                        | 4.95<br>E58                        | 19.5<br>F58                        | 12.0<br>G58                       | 1.0<br>H58                         | 15.0<br>I58                        |              |              |             |             |             |
|  | 49.0<br>B59 | NPK C1 9<br>C59  | 69.52<br>D59                        | 5.58<br>E59                        | 18.0<br>F59                        | 12.0<br>G59                       | 1.2<br>H59                         | 21.5<br>I59                        |              |              |             |             |             |
|  | 50.0<br>B60 | NPK C1 10<br>C60 | 61.31<br>D60                        | 5.48<br>E60                        | 18.0<br>F60                        | 13.0<br>G60                       | 1.0<br>H60                         | 17.5<br>I60                        |              |              |             |             |             |
|  |             | Media<br>C61     | 65.068<br>D61<br>=AVERAGE (D51:D60) | 5.243<br>E61<br>=AVERAGE (E51:E60) | 18.05<br>F61<br>=AVERAGE (F51:F60) | 12<br>G61<br>=AVERAGE (G51:G60)   | 0.985<br>H61<br>=AVERAGE (H51:H60) | 18.15<br>I61<br>=AVERAGE (I51:I60) | 39.59<br>J61 | 12.57<br>K61 | 7.27<br>L61 | 0.45<br>M61 | 0.74<br>N61 |
|  | 51.0<br>B62 | NPK C2 1<br>C62  | 92.36<br>D62                        | 4.09<br>E62                        | 22.0<br>F62                        | 13.0<br>G62                       | 1.2<br>H62                         | 23.0<br>I62                        |              |              |             |             |             |
|  | 52.0<br>B63 | NPK C2 2<br>C63  | 74.22<br>D63                        | 4.81<br>E63                        | 20.0<br>F63                        | 13.0<br>G63                       | 0.9<br>H63                         | 20.0<br>I63                        |              |              |             |             |             |
|  | 53.0<br>B64 | NPK C2 3<br>C64  | 78.46<br>D64                        | 5.25<br>E64                        | 18.0<br>F64                        | 12.0<br>G64                       | 0.95<br>H64                        | 22.0<br>I64                        |              |              |             |             |             |
|  | 54.0<br>B65 | NPK C2 4<br>C65  | 68.92<br>D65                        | 4.88<br>E65                        | 19.5<br>F65                        | 12.0<br>G65                       | 0.9<br>H65                         | 20.0<br>I65                        |              |              |             |             |             |
|  | 55.0<br>B66 | NPK C2 5<br>C66  | 65.44<br>D66                        | 4.86<br>E66                        | 21.5<br>F66                        | 13.0<br>G66                       | 0.75<br>H66                        | 15.0<br>I66                        |              |              |             |             |             |
|  | 56.0<br>B67 | NPK C2 6<br>C67  | 76.69<br>D67                        | 5.74<br>E67                        | 22.0<br>F67                        | 13.0<br>G67                       | 1.0<br>H67                         | 22.0<br>I67                        |              |              |             |             |             |
|  | 57.0<br>B68 | NPK C2 7<br>C68  | 66.53<br>D68                        | 5.13<br>E68                        | 19.5<br>F68                        | 11.0<br>G68                       | 0.9<br>H68                         | 22.0<br>I68                        |              |              |             |             |             |
|  | 58.0<br>B69 | NPK C2 8<br>C69  | 84.74<br>D69                        | 5.39<br>E69                        | 21.5<br>F69                        | 12.0<br>G69                       | 1.0<br>H69                         | 20.0<br>I69                        |              |              |             |             |             |
|  | 59.0<br>B70 | NPK C2 9<br>C70  | 71.04<br>D70                        | 4.8<br>E70                         | 19.0<br>F70                        | 12.0<br>G70                       | 0.85<br>H70                        | 19.5<br>I70                        |              |              |             |             |             |
|  | 60.0<br>B71 | NPK C2 10<br>C71 | 95.67<br>D71                        | 5.15<br>E71                        | 21.5<br>F71                        | 14.0<br>G71                       | 1.1<br>H71                         | 23.0<br>I71                        |              |              |             |             |             |
|  |             | Media<br>C72     | 77.407<br>D72<br>=AVERAGE (D62:D71) | 5.01<br>E72<br>=AVERAGE (E62:E71)  | 20.45<br>F72<br>=AVERAGE (F62:F71) | 12.5<br>G72<br>=AVERAGE (G62:G71) | 0.955<br>H72<br>=AVERAGE (H62:H71) | 20.65<br>I72<br>=AVERAGE (I62:I71) | 36.64<br>J72 | 12.96<br>K72 | 7.92<br>L72 | 0.6<br>M72  | 0.79<br>N72 |

|  |                                                                  |                                                                               |                                                                                   |                                                             |                                                                                             |                                                        |                                                          |                        |                                              |                                        |                                                                           |                                        |                                                                                   |
|--|------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------|------------------------|----------------------------------------------|----------------------------------------|---------------------------------------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------|
|  |                                                                  | Datos medios,<br>lechuga<br>C74                                               |                                                                                   |                                                             |                                                                                             |                                                        |                                                          |                        |                                              |                                        |                                                                           |                                        |                                                                                   |
|  |                                                                  | Código de<br>tratamiento<br>C75                                               | Biomasa fresca por<br>planta, g<br>D75                                            | % respecto a K<br>E75                                       | Materia seca por<br>planta, %<br>(Reglamento del<br>Consejo de Ministros<br>n.º 518)<br>F75 | % respecto a K<br>G75                                  | Longitud de las<br>hojas, cm<br>H75                      | Número de hojas<br>I75 | Diámetro del cuello<br>de la raíz, mm<br>J75 | % respecto a K<br>K75                  | Longitud de la raíz,<br>cm (difícil eliminar la<br>turba al lavar)<br>L75 | % respecto a K<br>M75                  | Proteína en materia<br>seca, % (análisis<br>elemental,<br>combustión seca)<br>N75 |
|  |                                                                  | K<br>C76                                                                      | 1.174<br>D76                                                                      |                                                             | 13.18700000000000<br>1<br>F76                                                               |                                                        | 4.4<br>H76                                               | 5.1<br>I76             | 0.2200000000000000<br>03<br>J76              |                                        | 12.8<br>L76                                                               |                                        | 15.74<br>N76                                                                      |
|  |                                                                  | C1<br>C77                                                                     | 1.35<br>D77                                                                       | 114.9914821<br>E77<br>=D77/\$D\$76*100                      | 14.12<br>F77                                                                                | 107.0751498<br>G77<br>=F77/\$F\$76*100                 | 4.55<br>H77                                              | 4.9<br>I77             | 0.2100000000000000<br>02<br>J77              | 95.45454545<br>K77<br>=J77/\$J\$76*100 | 11.6<br>L77                                                               | 90.625<br>M77<br>=L77/\$L\$76*100      | 14.93<br>N77                                                                      |
|  |                                                                  | C2<br>C78                                                                     | 1.363<br>D78                                                                      | 116.0988075<br>E78<br>=D78/\$D\$76*100                      | 13.18799999999999<br>9<br>F78                                                               | 100.0075832<br>G78<br>=F78/\$F\$76*100                 | 4.45<br>H78                                              | 5.1<br>I78             | 0.2099999999999999<br>96<br>J78              | 95.45454545<br>K78<br>=J78/\$J\$76*100 | 14.65<br>L78                                                              | 114.453125<br>M78<br>=L78/\$L\$76*100  | 16.12<br>N78                                                                      |
|  |                                                                  | NPK<br>C79                                                                    | 70.208<br>D79                                                                     |                                                             | 5.447<br>F79                                                                                |                                                        | 18.45<br>H79                                             | 11.7<br>I79            | 1.0350000000000000<br>1<br>J79               |                                        | 20.8<br>L79                                                               |                                        | 37.39<br>N79                                                                      |
|  |                                                                  | NPK C1<br>C80                                                                 | 65.06800000000001<br>D80                                                          | 92.67889699<br>E80<br>=D80/\$D\$79*100                      | 5.243<br>F80                                                                                | 96.25481917<br>G80<br>=F80/\$F\$79*100                 | 18.05<br>H80                                             | 12.0<br>I80            | 0.9850000000000000<br>1<br>J80               | 95.16908213<br>K80<br>=J80/\$J\$79*100 | 18.15<br>L80                                                              | 87.25961538<br>M80<br>=L80/\$L\$79*100 | 39.59<br>N80                                                                      |
|  |                                                                  | NPK C2<br>C81                                                                 | 77.407<br>D81                                                                     | 110.2538172<br>E81<br>=D81/\$D\$79*100                      | 5.01<br>F81                                                                                 | 91.97723518<br>G81<br>=F81/\$F\$79*100                 | 20.45<br>H81                                             | 12.5<br>I81            | 0.9549999999999999<br>8<br>J81               | 92.2705314<br>K81<br>=J81/\$J\$79*100  | 20.65<br>L81                                                              | 99.27884615<br>M81<br>=L81/\$L\$79*100 | 36.64<br>N81                                                                      |
|  | Informe de pruebas<br>B83                                        |                                                                               |                                                                                   | TN-103/25<br>E83                                            | 07.10.25.<br>F83                                                                            |                                                        |                                                          |                        |                                              |                                        |                                                                           |                                        |                                                                                   |
|  | Lechuga<br>B84                                                   |                                                                               |                                                                                   |                                                             |                                                                                             |                                                        |                                                          |                        |                                              |                                        |                                                                           |                                        |                                                                                   |
|  | Número de<br>identificación<br>asignado por el<br>cliente<br>B85 | Parámetro y método<br>de ensayo<br>C85                                        |                                                                                   |                                                             |                                                                                             |                                                        |                                                          |                        |                                              |                                        |                                                                           |                                        |                                                                                   |
|  |                                                                  | Materia seca, %<br>(Reglamento del<br>Consejo de Ministros<br>n.º 518)<br>C86 | Proteína en materia<br>seca, % (análisis<br>elemental,<br>combustión seca)<br>D86 | Fibra bruta en<br>materia seca, % (ISO<br>5498:1981)<br>E86 | Potasio en materia<br>seca, % (LVS EN ISO<br>6869:2002)<br>F86                              | Calcio en materia<br>seca, % (GOST<br>26570-95)<br>G86 | Magnesio en materia<br>seca, % (GOST<br>26570-95)<br>H86 |                        |                                              |                                        |                                                                           |                                        |                                                                                   |
|  | K 1<br>B87                                                       | 14.29<br>C87                                                                  | 15.74<br>D87                                                                      | -<br>E87                                                    | 3.42<br>F87                                                                                 | 1.32<br>G87                                            | 0.23<br>H87                                              |                        |                                              |                                        |                                                                           |                                        |                                                                                   |
|  | K 2<br>B88                                                       | 15.33<br>C88                                                                  |                                                                                   |                                                             |                                                                                             |                                                        |                                                          |                        |                                              |                                        |                                                                           |                                        |                                                                                   |
|  | K 3<br>B89                                                       | 11.29<br>C89                                                                  |                                                                                   |                                                             |                                                                                             |                                                        |                                                          |                        |                                              |                                        |                                                                           |                                        |                                                                                   |
|  | K 4<br>B90                                                       | 10.78<br>C90                                                                  |                                                                                   |                                                             |                                                                                             |                                                        |                                                          |                        |                                              |                                        |                                                                           |                                        |                                                                                   |
|  | K 5<br>B91                                                       | 12.84<br>C91                                                                  |                                                                                   |                                                             |                                                                                             |                                                        |                                                          |                        |                                              |                                        |                                                                           |                                        |                                                                                   |
|  | K 6<br>B92                                                       | 14.38<br>C92                                                                  |                                                                                   |                                                             |                                                                                             |                                                        |                                                          |                        |                                              |                                        |                                                                           |                                        |                                                                                   |
|  | K 7<br>B93                                                       | 9.21<br>C93                                                                   |                                                                                   |                                                             |                                                                                             |                                                        |                                                          |                        |                                              |                                        |                                                                           |                                        |                                                                                   |
|  | K 8<br>B94                                                       | 13.41<br>C94                                                                  |                                                                                   |                                                             |                                                                                             |                                                        |                                                          |                        |                                              |                                        |                                                                           |                                        |                                                                                   |

|  |                |               |               |              |              |              |              |  |  |  |  |  |  |
|--|----------------|---------------|---------------|--------------|--------------|--------------|--------------|--|--|--|--|--|--|
|  | K 9<br>B95     | 14.38<br>C95  |               |              |              |              |              |  |  |  |  |  |  |
|  | K 10<br>B96    | 15.96<br>C96  |               |              |              |              |              |  |  |  |  |  |  |
|  | NPK 1<br>B97   | 5.29<br>C97   | 37.39<br>D97  | 12.79<br>E97 | 7.7<br>F97   | 0.52<br>G97  | 0.68<br>H97  |  |  |  |  |  |  |
|  | NPK 2<br>B98   | 4.88<br>C98   |               |              |              |              |              |  |  |  |  |  |  |
|  | NPK 3<br>B99   | 5.95<br>C99   |               |              |              |              |              |  |  |  |  |  |  |
|  | NPK 4<br>B100  | 5.69<br>C100  |               |              |              |              |              |  |  |  |  |  |  |
|  | NPK 5<br>B101  | 5.79<br>C101  |               |              |              |              |              |  |  |  |  |  |  |
|  | NPK 6<br>B102  | 5.08<br>C102  |               |              |              |              |              |  |  |  |  |  |  |
|  | NPK 7<br>B103  | 5.57<br>C103  |               |              |              |              |              |  |  |  |  |  |  |
|  | NPK 8<br>B104  | 4.97<br>C104  |               |              |              |              |              |  |  |  |  |  |  |
|  | NPK 9<br>B105  | 5.4<br>C105   |               |              |              |              |              |  |  |  |  |  |  |
|  | NPK 10<br>B106 | 5.85<br>C106  |               |              |              |              |              |  |  |  |  |  |  |
|  | C1 1<br>B107   | 12.77<br>C107 | 14.93<br>D107 | -<br>E107    | 2.98<br>F107 | 1.32<br>G107 | 0.3<br>H107  |  |  |  |  |  |  |
|  | C1 2<br>B108   | 15.49<br>C108 |               |              |              |              |              |  |  |  |  |  |  |
|  | C1 3<br>B109   | 12.93<br>C109 |               |              |              |              |              |  |  |  |  |  |  |
|  | C1 4<br>B110   | 12.29<br>C110 |               |              |              |              |              |  |  |  |  |  |  |
|  | C1 5<br>B111   | 13.46<br>C111 |               |              |              |              |              |  |  |  |  |  |  |
|  | C1 6<br>B112   | 12.5<br>C112  |               |              |              |              |              |  |  |  |  |  |  |
|  | C1 7<br>B113   | 13.97<br>C113 |               |              |              |              |              |  |  |  |  |  |  |
|  | C1 8<br>B114   | 13.79<br>C114 |               |              |              |              |              |  |  |  |  |  |  |
|  | C1 9<br>B115   | 18.06<br>C115 |               |              |              |              |              |  |  |  |  |  |  |
|  | C1 10<br>B116  | 15.94<br>C116 |               |              |              |              |              |  |  |  |  |  |  |
|  | C2 1<br>B117   | 15.66<br>C117 | 16.12<br>D117 | -<br>E117    | 3.21<br>F117 | 1.28<br>G117 | 0.31<br>H117 |  |  |  |  |  |  |
|  | C2 2<br>B118   | 13.81<br>C118 |               |              |              |              |              |  |  |  |  |  |  |
|  | C2 3<br>B119   | 15.89<br>C119 |               |              |              |              |              |  |  |  |  |  |  |
|  | C2 4<br>B120   | 16.13<br>C120 |               |              |              |              |              |  |  |  |  |  |  |

|  |                   |               |               |               |              |              |              |  |  |  |  |  |  |
|--|-------------------|---------------|---------------|---------------|--------------|--------------|--------------|--|--|--|--|--|--|
|  | C2 5<br>B121      | 8.57<br>C121  |               |               |              |              |              |  |  |  |  |  |  |
|  | C2 6<br>B122      | 11.69<br>C122 |               |               |              |              |              |  |  |  |  |  |  |
|  | C2 7<br>B123      | 10.0<br>C123  |               |               |              |              |              |  |  |  |  |  |  |
|  | C2 8<br>B124      | 13.69<br>C124 |               |               |              |              |              |  |  |  |  |  |  |
|  | C2 9<br>B125      | 13.11<br>C125 |               |               |              |              |              |  |  |  |  |  |  |
|  | C2 10<br>B126     | 13.33<br>C126 |               |               |              |              |              |  |  |  |  |  |  |
|  | NPK C1 1<br>B127  | 4.96<br>C127  | 39.59<br>D127 | 12.57<br>E127 | 7.27<br>F127 | 0.45<br>G127 | 0.74<br>H127 |  |  |  |  |  |  |
|  | NPK C1 2<br>B128  | 4.71<br>C128  |               |               |              |              |              |  |  |  |  |  |  |
|  | NPK C1 3<br>B129  | 5.15<br>C129  |               |               |              |              |              |  |  |  |  |  |  |
|  | NPK C1 4<br>B130  | 5.84<br>C130  |               |               |              |              |              |  |  |  |  |  |  |
|  | NPK C1 5<br>B131  | 5.66<br>C131  |               |               |              |              |              |  |  |  |  |  |  |
|  | NPK C1 6<br>B132  | 4.97<br>C132  |               |               |              |              |              |  |  |  |  |  |  |
|  | NPK C1 7<br>B133  | 5.13<br>C133  |               |               |              |              |              |  |  |  |  |  |  |
|  | NPK C1 8<br>B134  | 4.95<br>C134  |               |               |              |              |              |  |  |  |  |  |  |
|  | NPK C1 9<br>B135  | 5.58<br>C135  |               |               |              |              |              |  |  |  |  |  |  |
|  | NPK C1 10<br>B136 | 5.48<br>C136  |               |               |              |              |              |  |  |  |  |  |  |
|  | NPK C2 1<br>B137  | 4.09<br>C137  | 36.64<br>D137 | 12.96<br>E137 | 7.92<br>F137 | 0.6<br>G137  | 0.79<br>H137 |  |  |  |  |  |  |
|  | NPK C2 2<br>B138  | 4.81<br>C138  |               |               |              |              |              |  |  |  |  |  |  |
|  | NPK C2 3<br>B139  | 5.25<br>C139  |               |               |              |              |              |  |  |  |  |  |  |
|  | NPK C2 4<br>B140  | 4.88<br>C140  |               |               |              |              |              |  |  |  |  |  |  |
|  | NPK C2 5<br>B141  | 4.86<br>C141  |               |               |              |              |              |  |  |  |  |  |  |
|  | NPK C2 6<br>B142  | 5.74<br>C142  |               |               |              |              |              |  |  |  |  |  |  |
|  | NPK C2 7<br>B143  | 5.13<br>C143  |               |               |              |              |              |  |  |  |  |  |  |
|  | NPK C2 8<br>B144  | 5.39<br>C144  |               |               |              |              |              |  |  |  |  |  |  |
|  | NPK C2 9<br>B145  | 4.8<br>C145   |               |               |              |              |              |  |  |  |  |  |  |
|  | NPK C2 10<br>B146 | 5.15<br>C146  |               |               |              |              |              |  |  |  |  |  |  |

| Tabla 2 |                                                          |  |  |  |  |  |  |  |  |  |  |  |  |
|---------|----------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|
|         | Invernadero<br>B1                                        |  |  |  |  |  |  |  |  |  |  |  |  |
|         | Plantado el<br>7.08.2025.<br>B2                          |  |  |  |  |  |  |  |  |  |  |  |  |
|         | Cosecha de biomasa<br>fresca y lavado de<br>raíces<br>B3 |  |  |  |  |  |  |  |  |  |  |  |  |
|         | Mediciones y<br>observaciones,<br>lechuga<br>B5          |  |  |  |  |  |  |  |  |  |  |  |  |
|         | Plantas<br>B6                                            |  |  |  |  |  |  |  |  |  |  |  |  |
|         | 1.0<br>B7                                                |  |  |  |  |  |  |  |  |  |  |  |  |
|         | 2.0<br>B8                                                |  |  |  |  |  |  |  |  |  |  |  |  |
|         | 3.0<br>B9                                                |  |  |  |  |  |  |  |  |  |  |  |  |
|         | 4.0<br>B10                                               |  |  |  |  |  |  |  |  |  |  |  |  |
|         | 5.0<br>B11                                               |  |  |  |  |  |  |  |  |  |  |  |  |
|         | 6.0<br>B12                                               |  |  |  |  |  |  |  |  |  |  |  |  |
|         | 7.0<br>B13                                               |  |  |  |  |  |  |  |  |  |  |  |  |
|         | 8.0<br>B14                                               |  |  |  |  |  |  |  |  |  |  |  |  |
|         | 9.0<br>B15                                               |  |  |  |  |  |  |  |  |  |  |  |  |
|         | 10.0<br>B16                                              |  |  |  |  |  |  |  |  |  |  |  |  |
|         |                                                          |  |  |  |  |  |  |  |  |  |  |  |  |
|         | 21.0<br>B18                                              |  |  |  |  |  |  |  |  |  |  |  |  |
|         | 22.0<br>B19                                              |  |  |  |  |  |  |  |  |  |  |  |  |
|         | 23.0<br>B20                                              |  |  |  |  |  |  |  |  |  |  |  |  |
|         | 24.0<br>B21                                              |  |  |  |  |  |  |  |  |  |  |  |  |
|         | 25.0<br>B22                                              |  |  |  |  |  |  |  |  |  |  |  |  |
|         | 26.0<br>B23                                              |  |  |  |  |  |  |  |  |  |  |  |  |
|         | 27.0<br>B24                                              |  |  |  |  |  |  |  |  |  |  |  |  |
|         | 28.0<br>B25                                              |  |  |  |  |  |  |  |  |  |  |  |  |

|  |             |  |  |  |  |  |  |  |  |  |  |  |  |
|--|-------------|--|--|--|--|--|--|--|--|--|--|--|--|
|  | 29.0<br>B26 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 30.0<br>B27 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |             |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 31.0<br>B29 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 32.0<br>B30 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 33.0<br>B31 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 34.0<br>B32 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 35.0<br>B33 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 36.0<br>B34 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 37.0<br>B35 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 38.0<br>B36 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 39.0<br>B37 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 40.0<br>B38 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |             |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 11.0<br>B40 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 12.0<br>B41 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 13.0<br>B42 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 14.0<br>B43 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 15.0<br>B44 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 16.0<br>B45 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 17.0<br>B46 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 18.0<br>B47 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 19.0<br>B48 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 20.0<br>B49 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |             |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 41.0<br>B51 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 42.0<br>B52 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 43.0<br>B53 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 44.0<br>B54 |  |  |  |  |  |  |  |  |  |  |  |  |

|  |             |                                        |                                                             |                                                                |                                                        |                                                          |  |  |  |  |  |  |  |
|--|-------------|----------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------|--|--|--|--|--|--|--|
|  | 45.0<br>B55 |                                        |                                                             |                                                                |                                                        |                                                          |  |  |  |  |  |  |  |
|  | 46.0<br>B56 |                                        |                                                             |                                                                |                                                        |                                                          |  |  |  |  |  |  |  |
|  | 47.0<br>B57 |                                        |                                                             |                                                                |                                                        |                                                          |  |  |  |  |  |  |  |
|  | 48.0<br>B58 |                                        |                                                             |                                                                |                                                        |                                                          |  |  |  |  |  |  |  |
|  | 49.0<br>B59 |                                        |                                                             |                                                                |                                                        |                                                          |  |  |  |  |  |  |  |
|  | 50.0<br>B60 |                                        |                                                             |                                                                |                                                        |                                                          |  |  |  |  |  |  |  |
|  |             |                                        |                                                             |                                                                |                                                        |                                                          |  |  |  |  |  |  |  |
|  | 51.0<br>B62 |                                        |                                                             |                                                                |                                                        |                                                          |  |  |  |  |  |  |  |
|  | 52.0<br>B63 |                                        |                                                             |                                                                |                                                        |                                                          |  |  |  |  |  |  |  |
|  | 53.0<br>B64 |                                        |                                                             |                                                                |                                                        |                                                          |  |  |  |  |  |  |  |
|  | 54.0<br>B65 |                                        |                                                             |                                                                |                                                        |                                                          |  |  |  |  |  |  |  |
|  | 55.0<br>B66 |                                        |                                                             |                                                                |                                                        |                                                          |  |  |  |  |  |  |  |
|  | 56.0<br>B67 |                                        |                                                             |                                                                |                                                        |                                                          |  |  |  |  |  |  |  |
|  | 57.0<br>B68 |                                        |                                                             |                                                                |                                                        |                                                          |  |  |  |  |  |  |  |
|  | 58.0<br>B69 |                                        |                                                             |                                                                |                                                        |                                                          |  |  |  |  |  |  |  |
|  | 59.0<br>B70 |                                        |                                                             |                                                                |                                                        |                                                          |  |  |  |  |  |  |  |
|  | 60.0<br>B71 |                                        |                                                             |                                                                |                                                        |                                                          |  |  |  |  |  |  |  |
|  |             |                                        |                                                             |                                                                |                                                        |                                                          |  |  |  |  |  |  |  |
|  |             |                                        |                                                             |                                                                |                                                        |                                                          |  |  |  |  |  |  |  |
|  |             | % respecto a K<br>O75                  | Fibra bruta en<br>materia seca, % (ISO<br>5498:1981)<br>P75 | Potasio en materia<br>seca, % (LVS EN ISO<br>6869:2002)<br>Q75 | Calcio en materia<br>seca, % (GOST<br>26570-95)<br>R75 | Magnesio en materia<br>seca, % (GOST<br>26570-95)<br>S75 |  |  |  |  |  |  |  |
|  |             |                                        | ninguno<br>P76                                              | 3.42<br>Q76                                                    | 1.32<br>R76                                            | 0.23<br>S76                                              |  |  |  |  |  |  |  |
|  |             | 94.85387548<br>O77<br>=N77/\$N\$76*100 | ninguno<br>P77                                              | 2.98<br>Q77                                                    | 1.32<br>R77                                            | 0.3<br>S77                                               |  |  |  |  |  |  |  |
|  |             | 102.4142313<br>O78<br>=N78/\$N\$76*100 | ninguno<br>P78                                              | 3.21<br>Q78                                                    | 1.28<br>R78                                            | 0.31<br>S78                                              |  |  |  |  |  |  |  |
|  |             |                                        | 12.79<br>P79                                                | 7.7<br>Q79                                                     | 0.52<br>R79                                            | 0.68<br>S79                                              |  |  |  |  |  |  |  |
|  |             | 105.8839262<br>O80<br>=N80/\$N\$79*100 | 12.57<br>P80                                                | 7.27<br>Q80                                                    | 0.45<br>R80                                            | 0.74<br>S80                                              |  |  |  |  |  |  |  |
|  |             | 97.99411607<br>O81<br>=N81/\$N\$79*100 | 12.96<br>P81                                                | 7.92<br>Q81                                                    | 0.6<br>R81                                             | 0.79<br>S81                                              |  |  |  |  |  |  |  |

|  |                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |
|--|------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|
|  | Informe de pruebas<br>B83                                        |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Lechuga<br>B84                                                   |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Número de<br>identificación<br>asignado por el<br>cliente<br>B85 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | K 1<br>B87                                                       |  |  |  |  |  |  |  |  |  |  |  |  |
|  | K 2<br>B88                                                       |  |  |  |  |  |  |  |  |  |  |  |  |
|  | K 3<br>B89                                                       |  |  |  |  |  |  |  |  |  |  |  |  |
|  | K 4<br>B90                                                       |  |  |  |  |  |  |  |  |  |  |  |  |
|  | K 5<br>B91                                                       |  |  |  |  |  |  |  |  |  |  |  |  |
|  | K 6<br>B92                                                       |  |  |  |  |  |  |  |  |  |  |  |  |
|  | K 7<br>B93                                                       |  |  |  |  |  |  |  |  |  |  |  |  |
|  | K 8<br>B94                                                       |  |  |  |  |  |  |  |  |  |  |  |  |
|  | K 9<br>B95                                                       |  |  |  |  |  |  |  |  |  |  |  |  |
|  | K 10<br>B96                                                      |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK 1<br>B97                                                     |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK 2<br>B98                                                     |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK 3<br>B99                                                     |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK 4<br>B100                                                    |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK 5<br>B101                                                    |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK 6<br>B102                                                    |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK 7<br>B103                                                    |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK 8<br>B104                                                    |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK 9<br>B105                                                    |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK 10<br>B106                                                   |  |  |  |  |  |  |  |  |  |  |  |  |
|  | C1 1<br>B107                                                     |  |  |  |  |  |  |  |  |  |  |  |  |
|  | C1 2<br>B108                                                     |  |  |  |  |  |  |  |  |  |  |  |  |

|  |                  |  |  |  |  |  |  |  |  |  |  |  |  |
|--|------------------|--|--|--|--|--|--|--|--|--|--|--|--|
|  | C1 3<br>B109     |  |  |  |  |  |  |  |  |  |  |  |  |
|  | C1 4<br>B110     |  |  |  |  |  |  |  |  |  |  |  |  |
|  | C1 5<br>B111     |  |  |  |  |  |  |  |  |  |  |  |  |
|  | C1 6<br>B112     |  |  |  |  |  |  |  |  |  |  |  |  |
|  | C1 7<br>B113     |  |  |  |  |  |  |  |  |  |  |  |  |
|  | C1 8<br>B114     |  |  |  |  |  |  |  |  |  |  |  |  |
|  | C1 9<br>B115     |  |  |  |  |  |  |  |  |  |  |  |  |
|  | C1 10<br>B116    |  |  |  |  |  |  |  |  |  |  |  |  |
|  | C2 1<br>B117     |  |  |  |  |  |  |  |  |  |  |  |  |
|  | C2 2<br>B118     |  |  |  |  |  |  |  |  |  |  |  |  |
|  | C2 3<br>B119     |  |  |  |  |  |  |  |  |  |  |  |  |
|  | C2 4<br>B120     |  |  |  |  |  |  |  |  |  |  |  |  |
|  | C2 5<br>B121     |  |  |  |  |  |  |  |  |  |  |  |  |
|  | C2 6<br>B122     |  |  |  |  |  |  |  |  |  |  |  |  |
|  | C2 7<br>B123     |  |  |  |  |  |  |  |  |  |  |  |  |
|  | C2 8<br>B124     |  |  |  |  |  |  |  |  |  |  |  |  |
|  | C2 9<br>B125     |  |  |  |  |  |  |  |  |  |  |  |  |
|  | C2 10<br>B126    |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK C1 1<br>B127 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK C1 2<br>B128 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK C1 3<br>B129 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK C1 4<br>B130 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK C1 5<br>B131 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK C1 6<br>B132 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK C1 7<br>B133 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK C1 8<br>B134 |  |  |  |  |  |  |  |  |  |  |  |  |

|  |                   |  |  |  |  |  |  |  |  |  |  |  |  |
|--|-------------------|--|--|--|--|--|--|--|--|--|--|--|--|
|  | NPK C1 9<br>B135  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK C1 10<br>B136 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK C2 1<br>B137  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK C2 2<br>B138  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK C2 3<br>B139  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK C2 4<br>B140  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK C2 5<br>B141  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK C2 6<br>B142  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK C2 7<br>B143  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK C2 8<br>B144  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK C2 9<br>B145  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK C2 10<br>B146 |  |  |  |  |  |  |  |  |  |  |  |  |

Hoja de cálculo: Patatas

| Tabla 3                  |                                                                   |                                                |                                    |                         |                                                     |                                    |                           |                                                     |                                    |                                   |                                                            |                                    |                               |
|--------------------------|-------------------------------------------------------------------|------------------------------------------------|------------------------------------|-------------------------|-----------------------------------------------------|------------------------------------|---------------------------|-----------------------------------------------------|------------------------------------|-----------------------------------|------------------------------------------------------------|------------------------------------|-------------------------------|
|                          | Campo de rotación - SKL 10<br>B2                                  |                                                |                                    |                         |                                                     |                                    |                           |                                                     |                                    |                                   |                                                            |                                    |                               |
|                          | Plantado<br>B3                                                    | 23.05.2025.<br>C3                              |                                    |                         |                                                     |                                    |                           |                                                     |                                    |                                   |                                                            |                                    |                               |
|                          | Cosechado<br>B4                                                   | 25.-26.09.2025.<br>C4                          |                                    |                         |                                                     |                                    |                           |                                                     |                                    |                                   |                                                            |                                    |                               |
| N.º de tratamiento<br>A5 | Tratamiento<br>B5                                                 | N.º de parcela<br>C5                           |                                    |                         |                                                     | Superficie de parcela, m2<br>G5    |                           |                                                     |                                    | Rendimiento por parcela, kg<br>K5 |                                                            |                                    | Total<br>N5                   |
| 1.0<br>A6                | NPK<br>B6                                                         | 1 I<br>C6                                      | 1 II<br>D6                         | 1 III<br>E6             | 1 IV<br>F6                                          | 16.5<br>G6<br>=11*1.5              | 14.55<br>H6<br>=9.7*1.5   | 14.85<br>I6<br>=9.9*1.5                             | 14.4<br>J6<br>=9.6*1.5             | 28.76<br>K6                       | 24.44<br>L6                                                | 19.54<br>M6                        | 72.74<br>N6<br>=SUM(K6:M6)    |
| 2.0<br>A7                | NPK C1<br>B7                                                      | 2 I<br>C7                                      | 2 II<br>D7                         | 2 III<br>E7             | 2 IV<br>F7                                          | 15.75<br>G7<br>=10.5*1.5           | 14.55<br>H7<br>=9.7*1.5   | 14.85<br>I7<br>=9.9*1.5                             | 14.4<br>J7<br>=9.6*1.5             | 22.64<br>K7                       | 22.58<br>L7                                                | 30.66<br>M7                        | 75.88<br>N7<br>=SUM(K7:M7)    |
| 3.0<br>A8                | NPK C2<br>B8                                                      | 3 I<br>C8                                      | 3 II<br>D8                         | 3 III<br>E8             | 3 IV<br>F8                                          | 15.9<br>G8<br>=10.6*1.5            | 14.85<br>H8<br>=9.9*1.5   | 14.85<br>I8<br>=9.9*1.5                             | 14.4<br>J8<br>=9.6*1.5             | 23.3<br>K8                        | 23.82<br>L8                                                | 27.78<br>M8                        | 74.9<br>N8<br>=SUM(K8:M8)     |
| 4.0<br>A9                | NPK0<br>B9                                                        | 4 I<br>C9                                      | 4 II<br>D9                         | 4 III<br>E9             | 4 IV<br>F9                                          | 15.75<br>G9<br>=10.5*1.5           | 15.3<br>H9<br>=10.2*1.5   | 14.85<br>I9<br>=9.9*1.5                             | 14.4<br>J9<br>=9.6*1.5             | 23.68<br>K9                       | 23.76<br>L9                                                | 15.0<br>M9                         | 62.44<br>N9<br>=SUM(K9:M9)    |
| 5.0<br>A10               | NPK0 C1<br>B10                                                    | 5 I<br>C10                                     | 5 II<br>D10                        | 5 III<br>E10            | 5 IV<br>F10                                         | 15.6<br>G10<br>=10.4*1.5           | 15.3<br>H10<br>=10.2*1.5  | 14.85<br>I10<br>=9.9*1.5                            | 14.4<br>J10<br>=9.6*1.5            | 25.56<br>K10                      | 32.98<br>L10                                               |                                    | 58.54<br>N10<br>=SUM(K10:M10) |
| 6.0<br>A11               | NPK0 C2<br>B11                                                    | 6 I<br>C11                                     | 6 II<br>D11                        | 6 III<br>E11            | 6 IV<br>F11                                         | 15.6<br>G11<br>=10.4*1.5           | 15.15<br>H11<br>=10.1*1.5 | 14.85<br>I11<br>=9.9*1.5                            | 14.4<br>J11<br>=9.6*1.5            | 19.78<br>K11                      | 33.92<br>L11                                               |                                    | 53.7<br>N11<br>=SUM(K11:M11)  |
| 7.0<br>A12               | NPK0 C3<br>B12                                                    | 7 I<br>C12                                     | 7 II<br>D12                        | 7 III<br>E12            | 7 IV<br>F12                                         | 15.75<br>G12<br>=10.5*1.5          | 15<br>H12<br>=10*1.5      | 14.85<br>I12<br>=9.9*1.5                            | 14.4<br>J12<br>=9.6*1.5            | 25.5<br>K12                       | 29.06<br>L12                                               |                                    | 54.56<br>N12<br>=SUM(K12:M12) |
|                          | Análisis de 4 plantas de patata (extraídas el 24.09.2025.)<br>B13 |                                                |                                    |                         |                                                     |                                    |                           |                                                     |                                    |                                   |                                                            |                                    |                               |
|                          | Tratamiento<br>B14                                                | Consumo<br>C14                                 |                                    |                         | Semilla<br>F14                                      |                                    |                           | Cosecha fuera de norma / tubérculos pequeños<br>I14 |                                    |                                   | Dañados<br>L14                                             |                                    |                               |
|                          |                                                                   | Calibre grande (>80 g), diámetro >55 mm<br>C15 | Proporción de la cosecha, %<br>D15 |                         | Calibre mediano (40-80 g), diámetro 35-55 mm<br>F15 | Proporción de la cosecha, %<br>G15 |                           | Calibre pequeño (<40 g), diámetro 35 mm<br>I15      | Proporción de la cosecha, %<br>J15 |                                   | Incluido al final en la masa de tubérculos pequeños<br>L15 | Proporción de la cosecha, %<br>M15 |                               |
|                          |                                                                   | Masa, kg<br>C16                                |                                    | Número, unidades<br>E16 | Masa, kg<br>F16                                     |                                    | Número, unidades<br>H16   | Masa, kg<br>I16                                     |                                    | Número, unidades<br>K16           | Masa, kg<br>L16                                            |                                    | Número, unidades<br>N16       |
|                          | NPK<br>B17                                                        | 0.57<br>C17                                    | 9.018987342<br>D17<br>=C17/R17*100 | 2.0<br>E17              | 2.58<br>F17                                         | 40.82278481<br>G17<br>=F17/R17*100 | 25.0<br>H17               | 2.3<br>I17                                          | 36.39240506<br>J17<br>=I17/R17*100 | 13.0<br>K17                       | 0.87<br>L17                                                | 13.76582278<br>M17<br>=L17/R17*100 | 7.0<br>N17                    |
|                          | NPK C1<br>B18                                                     | 0.67<br>C18                                    | 17.3126615<br>D18<br>=C18/R18*100  | 4.0<br>E18              | 1.24<br>F18                                         | 32.04134367<br>G18<br>=F18/R18*100 | 18.0<br>H18               | 0.24<br>I18                                         | 6.201550388<br>J18<br>=I18/R18*100 | 12.0<br>K18                       | 1.72<br>L18                                                | 44.44444444<br>M18<br>=L18/R18*100 | 19.0<br>N18                   |

|  |                                                                  |                                        |                                              |                                        |                                     |                                        |                                      |                                          |                                        |                                   |                               |                                     |                                        |
|--|------------------------------------------------------------------|----------------------------------------|----------------------------------------------|----------------------------------------|-------------------------------------|----------------------------------------|--------------------------------------|------------------------------------------|----------------------------------------|-----------------------------------|-------------------------------|-------------------------------------|----------------------------------------|
|  | NPK C2<br>B19                                                    | 1.22<br>C19                            | 36.14814815<br>D19<br>=C19/R19*100           | 6.0<br>E19                             | 1.72<br>F19                         | 50.96296296<br>G19<br>=F19/R19*100     | 22.0<br>H19                          | 0.13<br>I19                              | 3.851851852<br>J19<br>=I19/R19*100     | 8.0<br>K19                        | 0.305<br>L19                  | 9.037037037<br>M19<br>=L19/R19*100  | 4.0<br>N19                             |
|  | NPK0<br>B20                                                      | 3.11<br>C20                            | 67.75599129<br>D20<br>=C20/R20*100           | 23.0<br>E20                            | 1.09<br>F20                         | 23.74727669<br>G20<br>=F20/R20*100     | 19.0<br>H20                          | 0.215<br>I20                             | 4.684095861<br>J20<br>=I20/R20*100     | 16.0<br>K20                       | 0.175<br>L20                  | 3.812636166<br>M20<br>=L20/R20*100  | 1.0<br>N20                             |
|  | NPK0 C1<br>B21                                                   | 2.23<br>C21                            | 41.99623352<br>D21<br>=C21/R21*100           | 13.0<br>E21                            | 1.98<br>F21                         | 37.28813559<br>G21<br>=F21/R21*100     | 24.0<br>H21                          | 0.09<br>I21                              | 1.694915254<br>J21<br>=I21/R21*100     | 6.0<br>K21                        | 1.01<br>L21                   | 19.02071563<br>M21<br>=L21/R21*100  | 7.0<br>N21                             |
|  | NPK0 C2<br>B22                                                   | 0.38<br>C22                            | 9.523809524<br>D22<br>=C22/R22*100           | 3.0<br>E22                             | 1.3<br>F22                          | 32.58145363<br>G22<br>=F22/R22*100     | 17.0<br>H22                          | 0.135<br>I22                             | 3.383458647<br>J22<br>=I22/R22*100     | 8.0<br>K22                        | 2.175<br>L22                  | 54.5112782<br>M22<br>=L22/R22*100   | 21.0<br>N22                            |
|  | NPK0 C3<br>B23                                                   | 0.705<br>C23                           | 17.64705882<br>D23<br>=C23/R23*100           | 4.0<br>E23                             | 1.945<br>F23                        | 48.68585732<br>G23<br>=F23/R23*100     | 23.0<br>H23                          | 0.27<br>I23                              | 6.75844806<br>J23<br>=I23/R23*100      | 13.0<br>K23                       | 1.075<br>L23                  | 26.90863579<br>M23<br>=L23/R23*100  | 8.0<br>N23                             |
|  | Rendimiento y<br>calidad de la papa<br>B25                       |                                        |                                              |                                        |                                     |                                        |                                      |                                          |                                        |                                   |                               |                                     |                                        |
|  | Tratamiento<br>B26                                               | Rendimiento, t ha-1<br>C26             | Respecto a K, t ha-1<br>D26                  | Respecto a K, %<br>E26                 | Almidón en el<br>producto, %<br>F26 |                                        | Almidón en materia<br>seca, %<br>H26 | Rendimiento de<br>almidón, t ha-1<br>I26 | Respecto a K, %<br>J26                 | Número medio de<br>plantas<br>K26 | kg/parcela<br>L26             | Masa media por<br>planta, kg<br>M26 | Respecto a K, %<br>N26                 |
|  | NPK<br>B27                                                       | 47.23640312055261<br>C27               |                                              |                                        | 10.27<br>F27                        |                                        | 63.93<br>H27                         | 4.8511786<br>I27<br>=F27*C27/100         |                                        | 37.875<br>K27                     | 71.025<br>L27                 | 1.875247525<br>M27<br>=L27*1/K27    |                                        |
|  | NPK C1<br>B28                                                    | 49.33468686000903<br>C28               | 2.09828373945642<br>D28                      | 104.4420904<br>E28<br>=C28/\$C\$27*100 | 12.86<br>F28                        | 125.2190847<br>G28<br>=F28/\$F\$27*100 | 68.54<br>H28                         | 6.34444073<br>I28<br>=F28*C28/100        | 107.211012<br>J28<br>=H28/\$H\$27*100  | 35.625<br>K28                     | 73.39500000000001<br>L28      | 2.060210526<br>M28<br>=L28*1/K28    | 109.8633913<br>N28<br>=M28/\$M\$27*100 |
|  | NPK C2<br>B29                                                    | 47.66782804459691<br>C29               | 0.431424924044300<br>44<br>D29               | 100.9133314<br>E29<br>=C29/\$C\$27*100 | 14.72<br>F29                        | 143.3300876<br>G29<br>=F29/\$F\$27*100 | 78.9<br>H29                          | 7.016704288<br>I29<br>=F29*C29/100       | 123.4162365<br>J29<br>=H29/\$H\$27*100 | 34.375<br>K29                     | 71.47749999999999<br>L29      | 2.079345455<br>M29<br>=L29*1/K29    | 110.8837861<br>N29<br>=M29/\$M\$27*100 |
|  | NPK0<br>B30                                                      | 35.33480887304417<br>C30               |                                              |                                        | 12.72<br>F30                        |                                        | 69.15<br>H30                         | 4.494587689<br>I30<br>=F30*C30/100       |                                        | 35.25<br>K30                      | 53.39<br>L30                  | 1.514609929<br>M30<br>=L30*1/K30    |                                        |
|  | NPK0 C1<br>B31                                                   | 36.86987331840273<br>C31               | 1.535064445358564<br>5<br>D31                | 104.3443406<br>E31<br>=C31/\$C\$30*100 | 12.97<br>F31                        | 101.9654088<br>G31<br>=F31/\$F\$30*100 | 76.9<br>H31                          | 4.782022569<br>I31<br>=F31*C31/100       | 111.2075199<br>J31<br>=H31/\$H\$30*100 | 35.375<br>K31                     | 55.46499999999999<br>6<br>L31 | 1.567915194<br>M31<br>=L31*1/K31    | 103.5194055<br>N31<br>=M31/\$M\$30*100 |
|  | NPK0 C2<br>B32                                                   | 30.95640429427558<br>C32               | -4.37840457876858<br>8<br>D32                | 87.60880639<br>E32<br>=C32/\$C\$30*100 | 12.66<br>F32                        | 99.52830189<br>G32<br>=F32/\$F\$30*100 | 75.03<br>H32                         | 3.919080784<br>I32<br>=F32*C32/100       | 108.5032538<br>J32<br>=H32/\$H\$30*100 | 35.875<br>K32                     | 46.51999999999999<br>6<br>L32 | 1.296724739<br>M32<br>=L32*1/K32    | 85.61443536<br>N32<br>=M32/\$M\$30*100 |
|  | NPK0 C3<br>B33                                                   | 32.82870971620971<br>5<br>C33          | -2.50609915683445<br>2<br>D33                | 92.90756272<br>E33<br>=C33/\$C\$30*100 | 12.78<br>F33                        | 100.4716981<br>G33<br>=F33/\$F\$30*100 | 74.35<br>H33                         | 4.195509102<br>I33<br>=F33*C33/100       | 107.5198843<br>J33<br>=H33/\$H\$30*100 | 35.375<br>K33                     | 49.305<br>L33                 | 1.393780919<br>M33<br>=L33*1/K33    | 92.02243376<br>N33<br>=M33/\$M\$30*100 |
|  | RS0.05<br>B34                                                    |                                        | 3.76<br>D34                                  |                                        |                                     |                                        |                                      |                                          |                                        |                                   |                               |                                     |                                        |
|  | Patatas, almidón,<br>TN-127/25,<br>06.10.25.<br>B36              |                                        |                                              |                                        |                                     |                                        |                                      |                                          |                                        |                                   |                               |                                     |                                        |
|  | Número de<br>identificación<br>asignado por el<br>cliente<br>B37 | Parámetro y método<br>de ensayo<br>C37 |                                              |                                        |                                     | Tratamiento<br>G37                     | Rendimiento, t ha-1<br>H37           | Respecto a K, t ha-1<br>I37              | Respecto a K, %<br>J37                 | Número medio de<br>plantas<br>K37 | kg/parcela<br>L37             | Masa media por<br>planta, kg<br>M37 | Respecto a K, %<br>N37                 |
|  |                                                                  | Humedad, % (ISO<br>6496:1999)<br>C38   | Almidón, % (LVS EN<br>ISO 10520:2001)<br>D38 |                                        |                                     | NPK<br>G38                             | 47.23640312055261<br>H38             |                                          |                                        | 37.875<br>K38                     | 71.025<br>L38                 | 1.875247525<br>M38<br>=L38*1/K38    |                                        |

|  |                               |              |                          |                           |  |                |                               |                                |                                        |               |                               |                                  |                                        |
|--|-------------------------------|--------------|--------------------------|---------------------------|--|----------------|-------------------------------|--------------------------------|----------------------------------------|---------------|-------------------------------|----------------------------------|----------------------------------------|
|  |                               |              | En el producto, %<br>D39 | En materia seca, %<br>E39 |  | NPK C1<br>G39  | 49.33468686000903<br>H39      | 2.09828373945642<br>I39        | 104.4420904<br>J39<br>=H39/\$C\$27*100 | 35.625<br>K39 | 73.39500000000001<br>L39      | 2.060210526<br>M39<br>=L39*1/K39 | 109.8633913<br>N39<br>=M39/\$M\$27*100 |
|  | NPK<br>B40                    | 83.92<br>C40 | 10.27<br>D40             | 63.93<br>E40              |  | NPK C2<br>G40  | 47.66782804459691<br>H40      | 0.431424924044300<br>44<br>I40 | 100.9133314<br>J40<br>=H40/\$C\$27*100 | 34.375<br>K40 | 71.47749999999999<br>L40      | 2.079345455<br>M40<br>=L40*1/K40 | 110.8837861<br>N40<br>=M40/\$M\$27*100 |
|  | NPK + Cito Humus<br>C1<br>B41 | 81.22<br>C41 | 12.86<br>D41             | 68.54<br>E41              |  | NPK0<br>G41    | 35.33480887304417<br>H41      |                                |                                        | 35.25<br>K41  | 53.39<br>L41                  | 1.514609929<br>M41<br>=L41*1/K41 |                                        |
|  | NPK + Cito Humus<br>C2<br>B42 | 81.31<br>C42 | 14.72<br>D42             | 78.9<br>E42               |  | NPK0 C1<br>G42 | 36.86987331840273<br>H42      | 1.535064445358564<br>5<br>I42  | 104.3443406<br>J42<br>=H42/\$C\$30*100 | 35.375<br>K42 | 55.46499999999999<br>6<br>L42 | 1.567915194<br>M42<br>=L42*1/K42 | 103.5194055<br>N42<br>=M42/\$M\$30*100 |
|  | Control NPK 0<br>B43          | 81.6<br>C43  | 12.72<br>D43             | 69.15<br>E43              |  | NPK0 C2<br>G43 | 30.95640429427558<br>H43      | -4.37840457876858<br>8<br>I43  | 87.60880639<br>J43<br>=H43/\$C\$30*100 | 35.875<br>K43 | 46.51999999999999<br>6<br>L43 | 1.296724739<br>M43<br>=L43*1/K43 | 85.61443536<br>N43<br>=M43/\$M\$30*100 |
|  | Cito Humus C1<br>B44          | 83.14<br>C44 | 12.97<br>D44             | 76.9<br>E44               |  | NPK0 C3<br>G44 | 32.82870971620971<br>5<br>H44 | -2.50609915683445<br>2<br>I44  | 92.90756272<br>J44<br>=H44/\$C\$30*100 | 35.375<br>K44 | 49.305<br>L44                 | 1.393780919<br>M44<br>=L44*1/K44 | 92.02243376<br>N44<br>=M44/\$M\$30*100 |
|  | Cito Humus C2<br>B45          | 83.08<br>C45 | 12.66<br>D45             | 75.03<br>E45              |  | RS0.05<br>G45  |                               | 3.76<br>I45                    |                                        |               |                               |                                  |                                        |
|  | Cito Humus C3<br>B46          | 82.81<br>C46 | 12.78<br>D46             | 74.35<br>E46              |  |                |                               |                                |                                        |               |                               |                                  |                                        |

Tabla 3

|                          |                                     |                                      |              |              |                               |                                      |              |             |                               |                                      |              |              |                               |
|--------------------------|-------------------------------------|--------------------------------------|--------------|--------------|-------------------------------|--------------------------------------|--------------|-------------|-------------------------------|--------------------------------------|--------------|--------------|-------------------------------|
|                          | Campo de rotación –<br>SKL 10<br>B2 |                                      |              |              |                               |                                      |              |             |                               |                                      |              |              |                               |
|                          | Plantado<br>B3                      |                                      |              |              |                               |                                      |              |             |                               |                                      |              |              |                               |
|                          | Cosechado<br>B4                     |                                      |              |              |                               |                                      |              |             |                               |                                      |              |              |                               |
| N.º de tratamiento<br>A5 | Tratamiento<br>B5                   | Rendimiento por<br>parcela, kg<br>O5 |              |              | Total<br>R5                   | Rendimiento por<br>parcela, kg<br>S5 |              |             | Total<br>V5                   | Rendimiento por<br>parcela, kg<br>W5 |              |              | Total<br>Z5                   |
| 1.0<br>A6                | NPK<br>B6                           | 24.8<br>O6                           | 26.72<br>P6  | 18.78<br>Q6  | 70.3<br>R6<br>=SUM(O6:Q6)     | 24.04<br>S6                          | 24.46<br>T6  | 18.68<br>U6 | 67.18<br>V6<br>=SUM(S6:U6)    | 23.5<br>W6                           | 26.14<br>X6  | 24.24<br>Y6  | 73.88<br>Z6<br>=SUM(W6:Y6)    |
| 2.0<br>A7                | NPK C1<br>B7                        | 25.8<br>O7                           | 25.34<br>P7  | 22.2<br>Q7   | 73.34<br>R7<br>=SUM(O7:Q7)    | 24.02<br>S7                          | 25.74<br>T7  | 21.26<br>U7 | 71.02<br>V7<br>=SUM(S7:U7)    | 26.44<br>W7                          | 24.7<br>X7   | 22.2<br>Y7   | 73.34<br>Z7<br>=SUM(W7:Y7)    |
| 3.0<br>A8                | NPK C2<br>B8                        | 24.18<br>O8                          | 21.94<br>P8  | 28.86<br>Q8  | 74.98<br>R8<br>=SUM(O8:Q8)    | 19.24<br>S8                          | 23.69<br>T8  | 23.24<br>U8 | 66.17<br>V8<br>=SUM(S8:U8)    | 23.66<br>W8                          | 24.14<br>X8  | 22.06<br>Y8  | 69.86<br>Z8<br>=SUM(W8:Y8)    |
| 4.0<br>A9                | NPK0<br>B9                          | 20.82<br>O9                          | 21.14<br>P9  | 13.4<br>Q9   | 55.36<br>R9<br>=SUM(O9:Q9)    | 22.08<br>S9                          | 24.88<br>T9  |             | 46.96<br>V9<br>=SUM(S9:U9)    | 21.32<br>W9                          | 27.48<br>X9  |              | 48.8<br>Z9<br>=SUM(W9:Y9)     |
| 5.0<br>A10               | NPK0 C1<br>B10                      | 21.66<br>O10                         | 19.16<br>P10 | 18.46<br>Q10 | 59.28<br>R10<br>=SUM(O10:Q10) | 24.42<br>S10                         | 25.06<br>T10 |             | 49.48<br>V10<br>=SUM(S10:U10) | 23.78<br>W10                         | 13.44<br>X10 | 17.34<br>Y10 | 54.56<br>Z10<br>=SUM(W10:Y10) |
| 6.0<br>A11               | NPK0 C2<br>B11                      | 19.14<br>O11                         | 27.18<br>P11 |              | 46.32<br>R11<br>=SUM(O11:Q11) | 19.24<br>S11                         | 25.22<br>T11 |             | 44.46<br>V11<br>=SUM(S11:U11) | 23.94<br>W11                         | 17.66<br>X11 |              | 41.6<br>Z11<br>=SUM(W11:Y11)  |
| 7.0<br>A12               | NPK0 C3<br>B12                      | 24.44<br>O12                         | 26.66<br>P12 |              | 51.1<br>R12<br>=SUM(O12:Q12)  | 22.56<br>S12                         | 23.84<br>T12 |             | 46.4<br>V12<br>=SUM(S12:U12)  | 22.74<br>W12                         | 22.42<br>X12 |              | 45.16<br>Z12<br>=SUM(W12:Y12) |

|  |                                                                   |                                       |                          |                               |                                  |                                                |                                                                   |                                    |                                              |                          |                          |                          |  |
|--|-------------------------------------------------------------------|---------------------------------------|--------------------------|-------------------------------|----------------------------------|------------------------------------------------|-------------------------------------------------------------------|------------------------------------|----------------------------------------------|--------------------------|--------------------------|--------------------------|--|
|  | Análisis de 4 plantas de patata (extraídas el 24.09.2025.)<br>B13 |                                       |                          |                               |                                  |                                                |                                                                   |                                    |                                              |                          |                          |                          |  |
|  | Tratamiento<br>B14                                                |                                       |                          |                               |                                  |                                                |                                                                   |                                    |                                              |                          |                          |                          |  |
|  |                                                                   |                                       | Tratamiento<br>P15       | Número total, unidades<br>Q15 | Total, kg<br>R15                 | Fracción de tubérculos comercializables<br>S15 | Proporción de tubérculos comercializables en la cosecha, %<br>T15 | Respecto a la masa de K, %<br>U15  | Masa media de un tubérculo comercial<br>V15  |                          |                          |                          |  |
|  | NPK<br>B17                                                        |                                       | NPK<br>P17               | 47<br>Q17<br>=E17+H17+K17+N17 | 6.32<br>R17<br>=C17+F17+I17+L17  | 3.15<br>S17<br>=C17+F17                        | 49.84177215<br>T17<br>=S17/R17*100                                |                                    | 0.1166666667<br>V17<br>=(C17+F17)/(E17+H17)  |                          |                          |                          |  |
|  | NPK C1<br>B18                                                     |                                       | NPK C1<br>P18            | 53<br>Q18<br>=E18+H18+K18+N18 | 3.87<br>R18<br>=C18+F18+I18+L18  | 1.91<br>S18<br>=C18+F18                        | 49.35400517<br>T18<br>=S18/R18*100                                | 60.63492063<br>U18<br>=S18/S17*100 | 0.08681818182<br>V18<br>=(C18+F18)/(E18+H18) |                          |                          |                          |  |
|  | NPK C2<br>B19                                                     |                                       | NPK C2<br>P19            | 40<br>Q19<br>=E19+H19+K19+N19 | 3.375<br>R19<br>=C19+F19+I19+L19 | 2.94<br>S19<br>=C19+F19                        | 87.11111111<br>T19<br>=S19/R19*100                                | 93.33333333<br>U19<br>=S19/S17*100 | 0.105<br>V19<br>=(C19+F19)/(E19+H19)         |                          |                          |                          |  |
|  | NPK0<br>B20                                                       |                                       | NPK0<br>P20              | 59<br>Q20<br>=E20+H20+K20+N20 | 4.59<br>R20<br>=C20+F20+I20+L20  | 4.2<br>S20<br>=C20+F20                         | 91.50326797<br>T20<br>=S20/R20*100                                |                                    | 0.1<br>V20<br>=(C20+F20)/(E20+H20)           |                          |                          |                          |  |
|  | NPK0 C1<br>B21                                                    |                                       | NPK0 C1<br>P21           | 50<br>Q21<br>=E21+H21+K21+N21 | 5.31<br>R21<br>=C21+F21+I21+L21  | 4.21<br>S21<br>=C21+F21                        | 79.28436911<br>T21<br>=S21/R21*100                                | 100.2380952<br>U21<br>=S21/S20*100 | 0.1137837838<br>V21<br>=(C21+F21)/(E21+H21)  |                          |                          |                          |  |
|  | NPK0 C2<br>B22                                                    |                                       | NPK0 C2<br>P22           | 49<br>Q22<br>=E22+H22+K22+N22 | 3.99<br>R22<br>=C22+F22+I22+L22  | 1.68<br>S22<br>=C22+F22                        | 42.10526316<br>T22<br>=S22/R22*100                                | 40<br>U22<br>=S22/S20*100          | 0.084<br>V22<br>=(C22+F22)/(E22+H22)         |                          |                          |                          |  |
|  | NPK0 C3<br>B23                                                    |                                       | NPK0 C3<br>P23           | 48<br>Q23<br>=E23+H23+K23+N23 | 3.995<br>R23<br>=C23+F23+I23+L23 | 2.65<br>S23<br>=C23+F23                        | 66.33291615<br>T23<br>=S23/R23*100                                | 63.0952381<br>U23<br>=S23/S20*100  | 0.09814814815<br>V23<br>=(C23+F23)/(E23+H23) |                          |                          |                          |  |
|  | Rendimiento y calidad de la papa<br>B25                           | Rendimiento de patatas, t ha-1<br>O25 |                          |                               |                                  |                                                |                                                                   |                                    |                                              |                          |                          |                          |  |
|  | Tratamiento<br>B26                                                | I<br>O26                              | II<br>P26                | III<br>Q26                    | IV<br>R26                        | Media<br>S26                                   |                                                                   | Anova: Factor único<br>U26         |                                              |                          |                          |                          |  |
|  | NPK<br>B27                                                        | 44.08484848484849<br>O27              | 48.31615120274914<br>P27 | 45.23905723905724<br>Q27      | 51.30555555555556<br>R27         | 47.23640312<br>S27<br>=AVERAGE (O27:R27)       |                                                                   |                                    |                                              |                          |                          |                          |  |
|  | NPK C1<br>B28                                                     | 48.17777777777778<br>O28              | 50.40549828178695<br>P28 | 47.82491582491582<br>Q28      | 50.93055555555556<br>R28         | 49.33468686<br>S28<br>=AVERAGE (O28:R28)       |                                                                   | Resumen<br>U28                     |                                              |                          |                          |                          |  |
|  | NPK C2<br>B29                                                     | 47.10691823899371<br>O29              | 50.49158249158248<br>P29 | 44.55892255892255<br>Q29      | 48.51388888888889<br>R29         | 47.66782804<br>S29<br>=AVERAGE (O29:R29)       |                                                                   | Grupos<br>U29                      | Número<br>V29                                | Suma<br>W29              | Promedio<br>X29          | Varianza<br>Y29          |  |
|  | NPK0<br>B30                                                       | 39.64444444444444<br>O30              | 36.18300653594772<br>P30 | 31.62289562289561<br>Q30      | 33.88888888888889<br>R30         | 35.33480887<br>S30<br>=AVERAGE (O30:R30)       |                                                                   | Fila 1<br>U30                      | 4.0<br>V30                                   | 188.9456124822104<br>W30 | 47.23640312055261<br>X30 | 10.54851488415072<br>Y30 |  |
|  | NPK0 C1<br>B31                                                    | 37.52564102564101<br>O31              | 38.74509803921569<br>P31 | 33.31986531986532<br>Q31      | 37.88888888888889<br>R31         | 36.86987332<br>S31<br>=AVERAGE (O31:R31)       |                                                                   | Fila 2<br>U31                      | 4.0<br>V31                                   | 197.3387474400361<br>W31 | 49.33468686000903<br>X31 | 2.437093732463669<br>Y31 |  |

|  |                                                                  |                               |                               |                               |                                    |                                            |  |                             |                                  |                                   |                               |                               |                                  |
|--|------------------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------------|--------------------------------------------|--|-----------------------------|----------------------------------|-----------------------------------|-------------------------------|-------------------------------|----------------------------------|
|  | NPK0 C2<br>B32                                                   | 34.42307692307692<br>O32      | 30.57425742574257<br>7<br>P32 | 29.93939393939393<br>4<br>Q32 | 28.88888888888889<br>R32           | 30.95640429<br>S32<br>=AVERAGE (032 : R32) |  | Fila 3<br>U32               | 4.0<br>V32                       | 190.6713121783876<br>4<br>W32     | 47.66782804459691<br>X32      | 6.223107085997597<br>Y32      |                                  |
|  | NPK0 C3<br>B33                                                   | 34.64126984126984<br>6<br>O33 | 34.06666666666666<br>P33      | 31.24579124579124<br>2<br>Q33 | 31.36111111111111<br>R33           | 32.82870972<br>S33<br>=AVERAGE (033 : R33) |  | Fila 4<br>U33               | 4.0<br>V33                       | 141.3392354921766<br>7<br>W33     | 35.33480887304417<br>X33      | 11.72046087028054<br>2<br>Y33 |                                  |
|  | RS0.05<br>B34                                                    |                               |                               |                               | Desviación de la<br>media<br>R34   | 3.760391815051604<br>7<br>S34              |  | Fila 5<br>U34               | 4.0<br>V34                       | 147.4794932736109<br>3<br>W34     | 36.86987331840273<br>X34      | 5.862482853992472<br>Y34      |                                  |
|  |                                                                  |                               |                               |                               |                                    |                                            |  | Fila 6<br>U35               | 4.0<br>V35                       | 123.8256171771023<br>2<br>W35     | 30.95640429427558<br>X35      | 5.824261785952586<br>Y35      |                                  |
|  | Patatas, almidón,<br>TN-127/25,<br>06.10.25.<br>B36              |                               |                               |                               |                                    |                                            |  | Fila 7<br>U36               | 4.0<br>V36                       | 131.3148388648388<br>6<br>W36     | 32.82870971620971<br>5<br>X36 | 3.159129389273996<br>7<br>Y36 |                                  |
|  | Número de<br>identificación<br>asignado por el<br>cliente<br>B37 |                               | Rendimiento, t ha-1<br>P37    | Respecto a K, t ha-1<br>Q37   | Respecto a K, %<br>R37             |                                            |  |                             |                                  |                                   |                               |                               |                                  |
|  |                                                                  |                               | 47.23640312055261<br>P38      |                               |                                    |                                            |  |                             |                                  |                                   |                               |                               |                                  |
|  |                                                                  |                               | 49.33468686000903<br>P39      |                               |                                    |                                            |  | ANOVA<br>U39                |                                  |                                   |                               |                               |                                  |
|  | NPK<br>B40                                                       |                               | 47.66782804459691<br>P40      |                               |                                    |                                            |  | Fuente de variación<br>U40  | SS (suma de<br>cuadrados)<br>V40 | df (grados de<br>libertad)<br>W40 | MS (cuadrado<br>medio)<br>X40 | F<br>Y40                      | Valor de P<br>Z40                |
|  | NPK + Cito Humus<br>C1<br>B41                                    |                               | 35.33480887304417<br>P41      |                               |                                    |                                            |  | Entre grupos<br>U41         | 1452.263007402201<br>V41         | 6.0<br>W41                        | 242.0438345670335<br>X41      | 37.01376229371282<br>Y41      | 4.150722270436615<br>e-10<br>Z41 |
|  | NPK + Cito Humus<br>C2<br>B42                                    |                               | 36.86987331840273<br>P42      |                               | 74.80419028<br>R42<br>=P41/P38*100 |                                            |  | Dentro de los grupos<br>U42 | 137.3251518063348<br>V42         | 21.0<br>W42                       | 6.5392929431588<br>X42        |                               |                                  |
|  | Control NPK 0<br>B43                                             |                               | 30.95640429427558<br>P43      |                               | 74.73417927<br>R43<br>=P42/P39*100 |                                            |  |                             |                                  |                                   |                               |                               |                                  |
|  | Cito Humus C1<br>B44                                             |                               | 32.82870971620971<br>5<br>P44 |                               | 64.94192323<br>R44<br>=P43/P40*100 |                                            |  | Total<br>U44                | 1589.588159208536<br>V44         | 27.0<br>W44                       |                               |                               |                                  |
|  | Cito Humus C2<br>B45                                             |                               |                               |                               |                                    |                                            |  |                             |                                  |                                   |                               |                               |                                  |
|  | Cito Humus C3<br>B46                                             |                               |                               |                               |                                    |                                            |  |                             |                                  |                                   |                               |                               |                                  |

Tabla 3

|                          |                                  |                                                |                                         |                                        |                                         |                                         |                                            |              |  |                        |
|--------------------------|----------------------------------|------------------------------------------------|-----------------------------------------|----------------------------------------|-----------------------------------------|-----------------------------------------|--------------------------------------------|--------------|--|------------------------|
|                          | Campo de rotación – SKL 10<br>B2 |                                                |                                         |                                        |                                         |                                         |                                            |              |  |                        |
|                          | Plantado<br>B3                   |                                                |                                         |                                        |                                         |                                         |                                            |              |  |                        |
|                          | Cosechado<br>B4                  |                                                |                                         |                                        |                                         |                                         |                                            |              |  |                        |
| N.º de tratamiento<br>A5 | Tratamiento<br>B5                |                                                | t ha-1<br>AB5                           |                                        |                                         |                                         |                                            | Media<br>AF5 |  | Respecto a K, %<br>AH5 |
| 1.0<br>A6                | NPK<br>B6                        | 71.025<br>AA6<br>=SUM (Z6 , V6 , R6 , N6 ) / 4 | 44.08484848<br>AB6<br>=N6*10000/G6/1000 | 48.3161512<br>AC6<br>=R6*10000/H6/1000 | 45.23905724<br>AD6<br>=V6*10000/I6/1000 | 51.30555556<br>AE6<br>=Z6*10000/J6/1000 | 47.23640312<br>AF6<br>=AVERAGE (AB6 : AE6) |              |  |                        |

|            |                                                                   |                                           |                                            |                                            |                                            |                                            |                                            |  |                                      |
|------------|-------------------------------------------------------------------|-------------------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|--|--------------------------------------|
| 2.0<br>A7  | NPK C1<br>B7                                                      | 73.395<br>AA7<br>=SUM(Z7,V7,R7,N7)/4      | 48.17777778<br>AB7<br>=N7*10000/G7/1000    | 50.40549828<br>AC7<br>=R7*10000/H7/1000    | 47.82491582<br>AD7<br>=V7*10000/I7/1000    | 50.93055556<br>AE7<br>=Z7*10000/J7/1000    | 49.33468686<br>AF7<br>=AVERAGE(AB7:AE7)    |  | 104.4420904<br>AH7<br>=AF7/AF6*100   |
| 3.0<br>A8  | NPK C2<br>B8                                                      | 71.4775<br>AA8<br>=SUM(Z8,V8,R8,N8)/4     | 47.10691824<br>AB8<br>=N8*10000/G8/1000    | 50.49158249<br>AC8<br>=R8*10000/H8/1000    | 44.55892256<br>AD8<br>=V8*10000/I8/1000    | 48.51388889<br>AE8<br>=Z8*10000/J8/1000    | 47.66782804<br>AF8<br>=AVERAGE(AB8:AE8)    |  | 100.9133314<br>AH8<br>=AF8/AF6*100   |
| 4.0<br>A9  | NPK0<br>B9                                                        | 53.39<br>AA9<br>=SUM(Z9,V9,R9,N9)/4       | 39.64444444<br>AB9<br>=N9*10000/G9/1000    | 36.18300654<br>AC9<br>=R9*10000/H9/1000    | 31.62289562<br>AD9<br>=V9*10000/I9/1000    | 33.88888889<br>AE9<br>=Z9*10000/J9/1000    | 35.33480887<br>AF9<br>=AVERAGE(AB9:AE9)    |  |                                      |
| 5.0<br>A10 | NPK0 C1<br>B10                                                    | 55.465<br>AA10<br>=SUM(Z10,V10,R10,N10)/4 | 37.52564103<br>AB10<br>=N10*10000/G10/1000 | 38.74509804<br>AC10<br>=R10*10000/H10/1000 | 33.31986532<br>AD10<br>=V10*10000/I10/1000 | 37.88888889<br>AE10<br>=Z10*10000/J10/1000 | 36.86987332<br>AF10<br>=AVERAGE(AB10:AE10) |  | 104.3443406<br>AH10<br>=AF10/AF9*100 |
| 6.0<br>A11 | NPK0 C2<br>B11                                                    | 46.52<br>AA11<br>=SUM(Z11,V11,R11,N11)/4  | 34.42307692<br>AB11<br>=N11*10000/G11/1000 | 30.57425743<br>AC11<br>=R11*10000/H11/1000 | 29.93939394<br>AD11<br>=V11*10000/I11/1000 | 28.88888889<br>AE11<br>=Z11*10000/J11/1000 | 30.95640429<br>AF11<br>=AVERAGE(AB11:AE11) |  | 87.60880639<br>AH11<br>=AF11/AF9*100 |
| 7.0<br>A12 | NPK0 C3<br>B12                                                    | 49.305<br>AA12<br>=SUM(Z12,V12,R12,N12)/4 | 34.64126984<br>AB12<br>=N12*10000/G12/1000 | 34.06666667<br>AC12<br>=R12*10000/H12/1000 | 31.24579125<br>AD12<br>=V12*10000/I12/1000 | 31.36111111<br>AE12<br>=Z12*10000/J12/1000 | 32.82870972<br>AF12<br>=AVERAGE(AB12:AE12) |  | 92.90756272<br>AH12<br>=AF12/AF9*100 |
|            | Análisis de 4 plantas de patata (extraídas el 24.09.2025.)<br>B13 |                                           |                                            |                                            |                                            |                                            |                                            |  |                                      |
|            | Tratamiento<br>B14                                                |                                           |                                            |                                            |                                            |                                            |                                            |  |                                      |
|            |                                                                   |                                           |                                            |                                            |                                            |                                            |                                            |  |                                      |
|            |                                                                   |                                           |                                            |                                            |                                            |                                            |                                            |  |                                      |
|            | NPK<br>B17                                                        |                                           |                                            |                                            |                                            |                                            |                                            |  |                                      |
|            | NPK C1<br>B18                                                     |                                           |                                            |                                            |                                            |                                            |                                            |  |                                      |
|            | NPK C2<br>B19                                                     |                                           |                                            |                                            |                                            |                                            |                                            |  |                                      |
|            | NPK0<br>B20                                                       |                                           |                                            |                                            |                                            |                                            |                                            |  |                                      |
|            | NPK0 C1<br>B21                                                    |                                           |                                            |                                            |                                            |                                            |                                            |  |                                      |
|            | NPK0 C2<br>B22                                                    |                                           |                                            |                                            |                                            |                                            |                                            |  |                                      |
|            | NPK0 C3<br>B23                                                    |                                           |                                            |                                            |                                            |                                            |                                            |  |                                      |
|            | Rendimiento y calidad de la papa<br>B25                           |                                           |                                            |                                            |                                            |                                            |                                            |  |                                      |
|            | Tratamiento<br>B26                                                |                                           |                                            |                                            |                                            |                                            |                                            |  |                                      |
|            | NPK<br>B27                                                        |                                           |                                            |                                            |                                            |                                            |                                            |  |                                      |
|            | NPK C1<br>B28                                                     |                                           |                                            |                                            |                                            |                                            |                                            |  |                                      |
|            | NPK C2<br>B29                                                     |                                           |                                            |                                            |                                            |                                            |                                            |  |                                      |
|            | NPK0<br>B30                                                       |                                           |                                            |                                            |                                            |                                            |                                            |  |                                      |
|            | NPK0 C1<br>B31                                                    |                                           |                                            |                                            |                                            |                                            |                                            |  |                                      |
|            | NPK0 C2<br>B32                                                    |                                           |                                            |                                            |                                            |                                            |                                            |  |                                      |

|  |                                                            |                            |                                             |  |  |  |  |  |  |
|--|------------------------------------------------------------|----------------------------|---------------------------------------------|--|--|--|--|--|--|
|  | NPK0 C3<br>B33                                             |                            |                                             |  |  |  |  |  |  |
|  | RS0.05<br>B34                                              |                            |                                             |  |  |  |  |  |  |
|  |                                                            |                            |                                             |  |  |  |  |  |  |
|  | Patatas, almidón, TN-127/25,<br>06.10.25.<br>B36           |                            |                                             |  |  |  |  |  |  |
|  | Número de identificación<br>asignado por el cliente<br>B37 |                            |                                             |  |  |  |  |  |  |
|  |                                                            |                            |                                             |  |  |  |  |  |  |
|  |                                                            |                            |                                             |  |  |  |  |  |  |
|  | NPK<br>B40                                                 | F crítico<br>AA40          |                                             |  |  |  |  |  |  |
|  | NPK + Cito Humus C1<br>B41                                 | 2.5727116405095254<br>AA41 | 1.278602063<br>AB41<br>=SQRT(X42/4)         |  |  |  |  |  |  |
|  | NPK + Cito Humus C2<br>B42                                 |                            |                                             |  |  |  |  |  |  |
|  | Control NPK 0<br>B43                                       |                            | 1.808216379<br>AB43<br>=SQRT(2)*AB41        |  |  |  |  |  |  |
|  | Cito Humus C1<br>B44                                       |                            | 3.760391815<br>AB44<br>=TINV(0.05,W42)*AB43 |  |  |  |  |  |  |
|  | Cito Humus C2<br>B45                                       |                            |                                             |  |  |  |  |  |  |
|  | Cito Humus C3<br>B46                                       |                            |                                             |  |  |  |  |  |  |

Hoja de cálculo: Guisantes

| Tabla 4 |                               |                             |                                    |             |             |             |             |                |                                    |                                          |                                                 |                               |             |
|---------|-------------------------------|-----------------------------|------------------------------------|-------------|-------------|-------------|-------------|----------------|------------------------------------|------------------------------------------|-------------------------------------------------|-------------------------------|-------------|
|         | Guisantes 1 en sustrato<br>B3 |                             |                                    |             |             |             |             |                |                                    |                                          |                                                 |                               |             |
|         | Plantas<br>B4                 | Código de tratamiento<br>C4 | Biomasa fresca por planta, g<br>D4 |             |             |             |             |                | Biomasa fresca por maceta, g<br>J4 | Biomasa fresca media por planta, g<br>K4 | Calculado a partir del total de la maceta<br>L4 | Longitud de la raíz, cm<br>M4 |             |
|         | 1.0<br>B5                     | K 1<br>C5                   | 4.82<br>D5                         | 5.36<br>E5  | 3.15<br>F5  | 4.03<br>G5  | 2.75<br>H5  | ninguno<br>I5  | 20.06<br>J5                        | 4.022<br>K5<br>=AVERAGE(D5:I5)           | 20.11<br>L5<br>=SUM(D5:I5)                      | 38.0<br>M5                    | 37.0<br>N5  |
|         | 2.0<br>B6                     | K 2<br>C6                   | 3.91<br>D6                         | 3.45<br>E6  | 2.73<br>F6  | 3.6<br>G6   | 3.82<br>H6  | 3.4<br>I6      | 20.85<br>J6                        | 3.485<br>K6<br>=AVERAGE(D6:I6)           | 20.91<br>L6<br>=SUM(D6:I6)                      | 37.5<br>M6                    | 25.0<br>N6  |
|         | 3.0<br>B7                     | K 3<br>C7                   | 2.95<br>D7                         | 1.26<br>E7  | 2.65<br>F7  | 3.01<br>G7  | 4.18<br>H7  | 4.05<br>I7     | 18.03<br>J7                        | 3.016666667<br>K7<br>=AVERAGE(D7:I7)     | 18.1<br>L7<br>=SUM(D7:I7)                       | 37.0<br>M7                    | 32.0<br>N7  |
|         | 4.0<br>B8                     | K 4<br>C8                   | 2.54<br>D8                         | 3.84<br>E8  | 3.65<br>F8  | 3.12<br>G8  | 2.99<br>H8  | 3.04<br>I8     | 19.1<br>J8                         | 3.196666667<br>K8<br>=AVERAGE(D8:I8)     | 19.18<br>L8<br>=SUM(D8:I8)                      | 31.5<br>M8                    | 34.0<br>N8  |
|         | 5.0<br>B9                     | K 5<br>C9                   | 2.69<br>D9                         | 3.15<br>E9  | 4.31<br>F9  | 3.45<br>G9  | 3.2<br>H9   | 2.88<br>I9     | 19.3<br>J9                         | 3.28<br>K9<br>=AVERAGE(D9:I9)            | 19.68<br>L9<br>=SUM(D9:I9)                      |                               |             |
|         | 6.0<br>B10                    | K 6<br>C10                  | 3.44<br>D10                        | 3.44<br>E10 | 3.21<br>F10 | 4.14<br>G10 | 3.75<br>H10 | 2.01<br>I10    | 20.02<br>J10                       | 3.331666667<br>K10<br>=AVERAGE(D10:I10)  | 19.99<br>L10<br>=SUM(D10:I10)                   |                               |             |
|         | 7.0<br>B11                    | K 7<br>C11                  | 3.0<br>D11                         | 3.78<br>E11 | 3.8<br>F11  | 4.43<br>G11 | 2.62<br>H11 | 2.8<br>I11     | 20.4<br>J11                        | 3.405<br>K11<br>=AVERAGE(D11:I11)        | 20.43<br>L11<br>=SUM(D11:I11)                   |                               |             |
|         | 8.0<br>B12                    | K 8<br>C12                  | 1.55<br>D12                        | 0.98<br>E12 | 3.91<br>F12 | 3.48<br>G12 | 1.95<br>H12 | 1.96<br>I12    | 13.82<br>J12                       | 2.305<br>K12<br>=AVERAGE(D12:I12)        | 13.83<br>L12<br>=SUM(D12:I12)                   |                               |             |
|         | 9.0<br>B13                    | K 9<br>C13                  | 2.58<br>D13                        | 4.12<br>E13 | 4.59<br>F13 | 1.26<br>G13 | 4.28<br>H13 | ninguno<br>I13 | 16.81<br>J13                       | 3.366<br>K13<br>=AVERAGE(D13:I13)        | 16.83<br>L13<br>=SUM(D13:I13)                   |                               |             |
|         | 10.0<br>B14                   | K 10<br>C14                 | 2.49<br>D14                        | 3.52<br>E14 | 4.44<br>F14 | 3.88<br>G14 | 3.17<br>H14 | 2.65<br>I14    | 20.1<br>J14                        | 3.358333333<br>K14<br>=AVERAGE(D14:I14)  | 20.15<br>L14<br>=SUM(D14:I14)                   |                               |             |
|         |                               | Media<br>C15                |                                    |             |             |             |             |                | 18.849<br>J15<br>=AVERAGE(J5:J14)  | 3.276633333<br>K15<br>=AVERAGE(K5:K14)   | 18.921<br>L15<br>=AVERAGE(L5:L14)               |                               |             |
|         | 21.0<br>B16                   | C1 1<br>C16                 | 3.37<br>D16                        | 2.49<br>E16 | 3.27<br>F16 | 3.44<br>G16 | 4.0<br>H16  | 3.25<br>I16    | 19.81<br>J16                       | 3.303333333<br>K16<br>=AVERAGE(D16:I16)  | 19.82<br>L16<br>=SUM(D16:I16)                   | 29.0<br>M16                   | 32.0<br>N16 |
|         | 22.0<br>B17                   | C1 2<br>C17                 | 3.75<br>D17                        | 3.88<br>E17 | 2.78<br>F17 | 3.79<br>G17 | 3.86<br>H17 | 3.04<br>I17    | 21.07<br>J17                       | 6.024285714<br>K17<br>=AVERAGE(D17:J17)  | 21.1<br>L17<br>=SUM(D17:I17)                    | 39.0<br>M17                   | 40.0<br>N17 |
|         | 23.0<br>B18                   | C1 3<br>C18                 | 3.83<br>D18                        | 3.3<br>E18  | 3.62<br>F18 | 2.65<br>G18 | 2.21<br>H18 | 3.37<br>I18    | 18.92<br>J18                       | 5.414285714<br>K18<br>=AVERAGE(D18:J18)  | 18.98<br>L18<br>=SUM(D18:I18)                   | 39.0<br>M18                   | 35.0<br>N18 |
|         | 24.0<br>B19                   | C1 4<br>C19                 | 2.44<br>D19                        | 3.21<br>E19 | 4.86<br>F19 | 2.36<br>G19 | 2.62<br>H19 | 2.71<br>I19    | 18.2<br>J19                        | 5.2<br>K19<br>=AVERAGE(D19:J19)          | 18.2<br>L19<br>=SUM(D19:I19)                    | 32.0<br>M19                   | 42.0<br>N19 |

|  |             |              |              |              |              |              |             |                |                                    |                                         |                                    |             |             |
|--|-------------|--------------|--------------|--------------|--------------|--------------|-------------|----------------|------------------------------------|-----------------------------------------|------------------------------------|-------------|-------------|
|  | 25.0<br>B20 | C1 5<br>C20  | 3.63<br>D20  | 2.55<br>E20  | 1.95<br>F20  | 3.75<br>G20  | 3.96<br>H20 | 3.41<br>I20    | 19.21<br>J20                       | 5.494285714<br>K20<br>=AVERAGE(D20:J20) | 19.25<br>L20<br>=SUM(D20:I20)      |             |             |
|  | 26.0<br>B21 | C1 6<br>C21  | 3.67<br>D21  | 1.61<br>E21  | 5.67<br>F21  | 3.59<br>G21  | 4.62<br>H21 | 3.58<br>I21    | 22.68<br>J21                       | 6.488571429<br>K21<br>=AVERAGE(D21:J21) | 22.74<br>L21<br>=SUM(D21:I21)      |             |             |
|  | 27.0<br>B22 | C1 7<br>C22  | 0.97<br>D22  | 3.54<br>E22  | 3.71<br>F22  | 3.83<br>G22  | 4.08<br>H22 | 2.44<br>I22    | 18.56<br>J22                       | 5.304285714<br>K22<br>=AVERAGE(D22:J22) | 18.57<br>L22<br>=SUM(D22:I22)      |             |             |
|  | 28.0<br>B23 | C1 8<br>C23  | 4.59<br>D23  | 4.96<br>E23  | 4.33<br>F23  | 3.79<br>G23  | 3.29<br>H23 | ninguno<br>I23 | 20.87<br>J23                       | 6.971666667<br>K23<br>=AVERAGE(D23:J23) | 20.96<br>L23<br>=SUM(D23:I23)      |             |             |
|  | 29.0<br>B24 | C1 9<br>C24  | 0.36<br>D24  | 3.76<br>E24  | 4.13<br>F24  | 3.77<br>G24  | 4.88<br>H24 | 4.14<br>I24    | 20.94<br>J24                       | 5.997142857<br>K24<br>=AVERAGE(D24:J24) | 21.04<br>L24<br>=SUM(D24:I24)      |             |             |
|  | 30.0<br>B25 | C1 10<br>C25 | 2.82<br>D25  | 3.62<br>E25  | 3.84<br>F25  | 2.65<br>G25  | 2.48<br>H25 | 2.72<br>I25    | 18.04<br>J25                       | 5.167142857<br>K25<br>=AVERAGE(D25:J25) | 18.13<br>L25<br>=SUM(D25:I25)      |             |             |
|  |             | Media<br>C26 |              |              |              |              |             |                | 19.83<br>J26<br>=AVERAGE(J16:J25)  | 5.5365<br>K26<br>=AVERAGE(K16:K25)      | 19.879<br>L26<br>=AVERAGE(L16:L25) |             |             |
|  | 31.0<br>B27 | C2 1<br>C27  | 2.92<br>D27  | 4.09<br>E27  | 3.38<br>F27  | 3.74<br>G27  | 3.86<br>H27 | 1.38<br>I27    | 19.36<br>J27                       | 3.228333333<br>K27<br>=AVERAGE(D27:I27) | 19.37<br>L27<br>=SUM(D27:I27)      | 34.0<br>M27 | 40.0<br>N27 |
|  | 32.0<br>B28 | C2 2<br>C28  | 4.18<br>D28  | 2.02<br>E28  | 2.56<br>F28  | 2.58<br>G28  | 3.64<br>H28 | 3.56<br>I28    | 18.72<br>J28                       | 3.09<br>K28<br>=AVERAGE(D28:I28)        | 18.54<br>L28<br>=SUM(D28:I28)      | 32.0<br>M28 | 33.0<br>N28 |
|  | 33.0<br>B29 | C2 3<br>C29  | 2.95<br>D29  | 1.14<br>E29  | 4.29<br>F29  | 2.49<br>G29  | 3.67<br>H29 | 2.67<br>I29    | 17.07<br>J29                       | 2.868333333<br>K29<br>=AVERAGE(D29:I29) | 17.21<br>L29<br>=SUM(D29:I29)      | 37.0<br>M29 | 30.0<br>N29 |
|  | 34.0<br>B30 | C2 4<br>C30  | 3.48<br>D30  | 3.53<br>E30  | 4.09<br>F30  | 2.21<br>G30  | 3.58<br>H30 | 2.67<br>I30    | 19.55<br>J30                       | 3.26<br>K30<br>=AVERAGE(D30:I30)        | 19.56<br>L30<br>=SUM(D30:I30)      | 40.0<br>M30 | 42.0<br>N30 |
|  | 35.0<br>B31 | C2 5<br>C31  | 3.54<br>D31  | 3.86<br>E31  | 3.39<br>F31  | 4.23<br>G31  | 2.54<br>H31 | 3.55<br>I31    | 21.02<br>J31                       | 3.518333333<br>K31<br>=AVERAGE(D31:I31) | 21.11<br>L31<br>=SUM(D31:I31)      |             |             |
|  | 36.0<br>B32 | C2 6<br>C32  | 2.89<br>D32  | 3.79<br>E32  | 3.19<br>F32  | 3.33<br>G32  | 1.82<br>H32 | 2.46<br>I32    | 17.47<br>J32                       | 2.913333333<br>K32<br>=AVERAGE(D32:I32) | 17.48<br>L32<br>=SUM(D32:I32)      |             |             |
|  | 37.0<br>B33 | C2 7<br>C33  | 2.56<br>D33  | 1.8<br>E33   | 3.89<br>F33  | 3.23<br>G33  | 3.27<br>H33 | 1.92<br>I33    | 16.65<br>J33                       | 2.778333333<br>K33<br>=AVERAGE(D33:I33) | 16.67<br>L33<br>=SUM(D33:I33)      |             |             |
|  | 38.0<br>B34 | C2 8<br>C34  | 2.64<br>D34  | 3.24<br>E34  | 3.17<br>F34  | 4.83<br>G34  | 2.86<br>H34 | 2.71<br>I34    | 19.4<br>J34                        | 3.241666667<br>K34<br>=AVERAGE(D34:I34) | 19.45<br>L34<br>=SUM(D34:I34)      |             |             |
|  | 39.0<br>B35 | C2 9<br>C35  | 3.2<br>D35   | 3.3<br>E35   | 2.13<br>F35  | 2.48<br>G35  | 2.4<br>H35  | 1.98<br>I35    | 15.47<br>J35                       | 2.581666667<br>K35<br>=AVERAGE(D35:I35) | 15.49<br>L35<br>=SUM(D35:I35)      |             |             |
|  | 40.0<br>B36 | C2 10<br>C36 | 3.02<br>D36  | 4.31<br>E36  | 3.07<br>F36  | 3.82<br>G36  | 4.04<br>H36 | 2.99<br>I36    | 20.94<br>J36                       | 3.541666667<br>K36<br>=AVERAGE(D36:I36) | 21.25<br>L36<br>=SUM(D36:I36)      |             |             |
|  |             | Media<br>C37 |              |              |              |              |             |                | 18.565<br>J37<br>=AVERAGE(J27:J36) | 3.102166667<br>K37<br>=AVERAGE(K27:K36) | 18.613<br>L37<br>=AVERAGE(L27:L36) |             |             |
|  | 11.0<br>B38 | NPK 1<br>C38 | 18.18<br>D38 | 23.11<br>E38 | 14.03<br>F38 | 21.56<br>G38 | 23.2<br>H38 | 19.14<br>I38   | 119.07<br>J38                      | 19.87<br>K38<br>=AVERAGE(D38:I38)       | 119.22<br>L38<br>=SUM(D38:I38)     | 21.0<br>M38 | 36.0<br>N38 |

|  |             |                 |                   |              |              |              |                |                |                                         |                                         |                                         |             |             |
|--|-------------|-----------------|-------------------|--------------|--------------|--------------|----------------|----------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-------------|-------------|
|  | 12.0<br>B39 | NPK 2<br>C39    | 18.15<br>D39      | 21.09<br>E39 | 19.8<br>F39  | 22.06<br>G39 | 16.57<br>H39   | 21.44<br>I39   | 118.96<br>J39                           | 19.85166667<br>K39<br>=AVERAGE(D39:I39) | 119.11<br>L39<br>=SUM(D39:I39)          | 30.0<br>M39 | 39.0<br>N39 |
|  | 13.0<br>B40 | NPK 3<br>C40    | 20.84<br>D40      | 16.45<br>E40 | 14.7<br>F40  | 10.01<br>G40 | ninguno<br>H40 | ninguno<br>I40 | 61.91<br>J40                            | 15.5<br>K40<br>=AVERAGE(D40:I40)        | 62<br>L40<br>=SUM(D40:I40)              | 34.0<br>M40 | 31.0<br>N40 |
|  | 14.0<br>B41 | NPK 4<br>C41    | 12.61<br>D41      | 14.13<br>E41 | 12.41<br>F41 | 15.13<br>G41 | ninguno<br>H41 | ninguno<br>I41 | 54.17<br>J41                            | 13.57<br>K41<br>=AVERAGE(D41:I41)       | 54.28<br>L41<br>=SUM(D41:I41)           | 33.0<br>M41 | 34.0<br>N41 |
|  | 15.0<br>B42 | NPK 5<br>C42    | 2.25<br>D42       | 11.17<br>E42 | 7.68<br>F42  | 8.2<br>G42   | 8.1<br>H42     | 10.32<br>I42   | 47.61<br>J42                            | 7.953333333<br>K42<br>=AVERAGE(D42:I42) | 47.72<br>L42<br>=SUM(D42:I42)           |             |             |
|  | 16.0<br>B43 | NPK 6<br>C43    | 15.15<br>D43      | 17.8<br>E43  | 25.4<br>F43  | 22.08<br>G43 | 23.61<br>H43   | 25.42<br>I43   | 129.3<br>J43                            | 21.57666667<br>K43<br>=AVERAGE(D43:I43) | 129.46<br>L43<br>=SUM(D43:I43)          |             |             |
|  | 17.0<br>B44 | NPK 7<br>C44    | 10.41<br>D44      | 8.51<br>E44  | 12.81<br>F44 | 6.87<br>G44  | 9.41<br>H44    | 5.35<br>I44    | 53.29<br>J44                            | 8.893333333<br>K44<br>=AVERAGE(D44:I44) | 53.36<br>L44<br>=SUM(D44:I44)           |             |             |
|  | 18.0<br>B45 | NPK 8<br>C45    | 7.34<br>D45       | 12.36<br>E45 | 7.03<br>F45  | 11.21<br>G45 | 10.4<br>H45    | 3.48<br>I45    | 51.63<br>J45                            | 8.636666667<br>K45<br>=AVERAGE(D45:I45) | 51.82<br>L45<br>=SUM(D45:I45)           |             |             |
|  | 19.0<br>B46 | NPK 9<br>C46    | 9.66<br>D46       | 7.62<br>E46  | 10.82<br>F46 | 8.75<br>G46  | 7.82<br>H46    | 8.42<br>I46    | 53.02<br>J46                            | 8.848333333<br>K46<br>=AVERAGE(D46:I46) | 53.09<br>L46<br>=SUM(D46:I46)           |             |             |
|  | 20.0<br>B47 | NPK 10<br>C47   | No germinó<br>D47 |              |              |              |                |                |                                         |                                         |                                         |             |             |
|  |             | Media<br>C48    |                   |              |              |              |                |                | 76.55111111<br>J48<br>=AVERAGE(J38:J47) | 13.85555556<br>K48<br>=AVERAGE(K38:K47) | 76.67333333<br>L48<br>=AVERAGE(L38:L47) |             |             |
|  | 41.0<br>B49 | NPK C1 1<br>C49 | 17.24<br>D49      | 31.76<br>E49 | 25.29<br>F49 | 9.71<br>G49  | 10.18<br>H49   | 20.72<br>I49   | 114.88<br>J49                           | 32.82571429<br>K49<br>=AVERAGE(D49:J49) | 114.9<br>L49<br>=SUM(D49:I49)           | 39.0<br>M49 | 35.0<br>N49 |
|  | 42.0<br>B50 | NPK C1 2<br>C50 | 10.32<br>D50      | 13.69<br>E50 | 6.73<br>F50  | 7.8<br>G50   | 10.65<br>H50   | 13.83<br>I50   | 63.0<br>J50                             | 18.00285714<br>K50<br>=AVERAGE(D50:J50) | 63.02<br>L50<br>=SUM(D50:I50)           | 29.0<br>M50 | 33.0<br>N50 |
|  | 43.0<br>B51 | NPK C1 3<br>C51 | 10.93<br>D51      | 12.48<br>E51 | 7.21<br>F51  | 12.12<br>G51 | 11.68<br>H51   | 5.9<br>I51     | 60.3<br>J51                             | 17.23142857<br>K51<br>=AVERAGE(D51:J51) | 60.32<br>L51<br>=SUM(D51:I51)           | 42.0<br>M51 | 29.0<br>N51 |
|  | 44.0<br>B52 | NPK C1 4<br>C52 | 17.75<br>D52      | 23.35<br>E52 | 14.99<br>F52 | 20.0<br>G52  | 16.37<br>H52   | 20.92<br>I52   | 113.32<br>J52                           | 32.38571429<br>K52<br>=AVERAGE(D52:J52) | 113.38<br>L52<br>=SUM(D52:I52)          | 21.0<br>M52 | 26.0<br>N52 |
|  | 45.0<br>B53 | NPK C1 5<br>C53 | 15.15<br>D53      | 20.93<br>E53 | 10.12<br>F53 | 17.46<br>G53 | 20.03<br>H53   | 6.08<br>I53    | 89.75<br>J53                            | 25.64571429<br>K53<br>=AVERAGE(D53:J53) | 89.77<br>L53<br>=SUM(D53:I53)           |             |             |
|  | 46.0<br>B54 | NPK C1 6<br>C54 | 14.19<br>D54      | 9.51<br>E54  | 17.65<br>F54 | 19.5<br>G54  | 15.11<br>H54   | 16.18<br>I54   | 92.11<br>J54                            | 26.32142857<br>K54<br>=AVERAGE(D54:J54) | 92.14<br>L54<br>=SUM(D54:I54)           |             |             |
|  | 47.0<br>B55 | NPK C1 7<br>C55 | 12.95<br>D55      | 14.11<br>E55 | 13.29<br>F55 | 10.21<br>G55 | 15.74<br>H55   | 12.4<br>I55    | 78.68<br>J55                            | 22.48285714<br>K55<br>=AVERAGE(D55:J55) | 78.7<br>L55<br>=SUM(D55:I55)            |             |             |
|  | 48.0<br>B56 | NPK C1 8<br>C56 | 12.75<br>D56      | 16.26<br>E56 | 10.81<br>F56 | 0.6<br>G56   | 13.85<br>H56   | 10.9<br>I56    | 65.14<br>J56                            | 18.61571429<br>K56<br>=AVERAGE(D56:J56) | 65.17<br>L56<br>=SUM(D56:I56)           |             |             |
|  | 49.0<br>B57 | NPK C1 9<br>C57 | 15.72<br>D57      | 20.3<br>E57  | 22.75<br>F57 | 19.4<br>G57  | 18.55<br>H57   | 12.62<br>I57   | 109.31<br>J57                           | 31.23571429<br>K57<br>=AVERAGE(D57:J57) | 109.34<br>L57<br>=SUM(D57:I57)          |             |             |

|  |                                            |                                        |                                        |                                              |                                        |                                         |                                        |                                                                               |                                        |                                                                                   |                                        |                                                             |                                        |
|--|--------------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------------|----------------------------------------|-----------------------------------------|----------------------------------------|-------------------------------------------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------|-------------------------------------------------------------|----------------------------------------|
|  | 50.0<br>B58                                | NPK C1 10<br>C58                       | 11.31<br>D58                           | 10.07<br>E58                                 | 6.42<br>F58                            | 6.45<br>G58                             | 6.74<br>H58                            | 12.1<br>I58                                                                   | 53.05<br>J58                           | 15.16285714<br>K58<br>=AVERAGE(D58:J58)                                           | 53.09<br>L58<br>=SUM(D58:I58)          |                                                             |                                        |
|  |                                            | Media<br>C59                           |                                        |                                              |                                        |                                         |                                        |                                                                               | 83.954<br>J59<br>=AVERAGE(J49:J58)     | 23.991<br>K59<br>=AVERAGE(K49:K58)                                                | 83.983<br>L59<br>=AVERAGE(L49:L58)     |                                                             |                                        |
|  | 51.0<br>B60                                | NPK C2 1<br>C60                        | 5.46<br>D60                            | 7.4<br>E60                                   | 25.19<br>F60                           | 17.26<br>G60                            | 12.66<br>H60                           | 18.63<br>I60                                                                  | 86.57<br>J60                           | 24.73857143<br>K60<br>=AVERAGE(D60:J60)                                           | 86.6<br>L60<br>=SUM(D60:I60)           | 27.0<br>M60                                                 | 30.0<br>N60                            |
|  | 52.0<br>B61                                | NPK C2 2<br>C61                        | 19.39<br>D61                           | 7.12<br>E61                                  | 20.75<br>F61                           | 23.02<br>G61                            | 21.91<br>H61                           |                                                                               | 92.15<br>J61                           | 30.72333333<br>K61<br>=AVERAGE(D61:J61)                                           | 92.19<br>L61<br>=SUM(D61:I61)          | 33.0<br>M61                                                 | 40.0<br>N61                            |
|  | 53.0<br>B62                                | NPK C2 3<br>C62                        | 15.75<br>D62                           | 24.0<br>E62                                  | 9.21<br>F62                            | 22.84<br>G62                            | 14.77<br>H62                           | 26.55<br>I62                                                                  | 113.1<br>J62                           | 32.31714286<br>K62<br>=AVERAGE(D62:J62)                                           | 113.12<br>L62<br>=SUM(D62:I62)         | 31.0<br>M62                                                 | 39.0<br>N62                            |
|  | 54.0<br>B63                                | NPK C2 4<br>C63                        | 28.11<br>D63                           | 24.95<br>E63                                 | 23.48<br>F63                           | 16.06<br>G63                            | 21.37<br>H63                           | 20.73<br>I63                                                                  | 134.65<br>J63                          | 38.47857143<br>K63<br>=AVERAGE(D63:J63)                                           | 134.7<br>L63<br>=SUM(D63:I63)          | 31.0<br>M63                                                 | 31.0<br>N63                            |
|  | 55.0<br>B64                                | NPK C2 5<br>C64                        | 19.05<br>D64                           | 6.41<br>E64                                  | 25.1<br>F64                            | 17.94<br>G64                            | 27.08<br>H64                           | 27.78<br>I64                                                                  | 123.33<br>J64                          | 35.24142857<br>K64<br>=AVERAGE(D64:J64)                                           | 123.36<br>L64<br>=SUM(D64:I64)         |                                                             |                                        |
|  | 56.0<br>B65                                | NPK C2 6<br>C65                        | 22.09<br>D65                           | 14.13<br>E65                                 | 18.89<br>F65                           | 9.95<br>G65                             | 18.12<br>H65                           | 21.51<br>I65                                                                  | 104.66<br>J65                          | 29.90714286<br>K65<br>=AVERAGE(D65:J65)                                           | 104.69<br>L65<br>=SUM(D65:I65)         |                                                             |                                        |
|  | 57.0<br>B66                                | NPK C2 7<br>C66                        | 26.46<br>D66                           | 21.46<br>E66                                 | 22.79<br>F66                           | 27.29<br>G66                            | 19.88<br>H66                           |                                                                               | 117.85<br>J66                          | 39.28833333<br>K66<br>=AVERAGE(D66:J66)                                           | 117.88<br>L66<br>=SUM(D66:I66)         |                                                             |                                        |
|  | 58.0<br>B67                                | NPK C2 8<br>C67                        | 14.65<br>D67                           | 12.57<br>E67                                 | 3.92<br>F67                            | 5.57<br>G67                             | 24.32<br>H67                           | 26.84<br>I67                                                                  | 87.86<br>J67                           | 25.10428571<br>K67<br>=AVERAGE(D67:J67)                                           | 87.87<br>L67<br>=SUM(D67:I67)          |                                                             |                                        |
|  | 59.0<br>B68                                | NPK C2 9<br>C68                        | 19.13<br>D68                           | 29.93<br>E68                                 | 17.94<br>F68                           |                                         |                                        |                                                                               | 67.0<br>J68                            | 22.33333333<br>K68<br>=AVERAGE(D68:J68)                                           | 67<br>L68<br>=SUM(D68:I68)             |                                                             |                                        |
|  | 60.0<br>B69                                | NPK C2 10<br>C69                       | 17.57<br>D69                           | 28.22<br>E69                                 | 14.91<br>F69                           | 14.94<br>G69                            | 22.33<br>H69                           |                                                                               | 97.94<br>J69                           | 32.65166667<br>K69<br>=AVERAGE(D69:J69)                                           | 97.97<br>L69<br>=SUM(D69:I69)          |                                                             |                                        |
|  |                                            | Media<br>C70                           |                                        |                                              |                                        |                                         |                                        |                                                                               | 102.511<br>J70<br>=AVERAGE(J60:J69)    | 31.07838095<br>K70<br>=AVERAGE(K60:K69)                                           | 102.538<br>L70<br>=AVERAGE(L60:L69)    |                                                             |                                        |
|  | Guisantes 1 en<br>sustrato, resumen<br>B72 |                                        |                                        |                                              |                                        |                                         |                                        |                                                                               |                                        |                                                                                   |                                        |                                                             |                                        |
|  | Código de<br>tratamiento<br>B73            | Biomasa fresca por<br>maceta, g<br>C73 | % respecto a K<br>D73                  | Biomasa fresca<br>media por planta, g<br>E73 | % respecto a K<br>F73                  | Longitud media de la<br>raíz, cm<br>G73 | % respecto a K<br>H73                  | Materia seca, %<br>(Reglamento del<br>Consejo de Ministros<br>n.º 518)<br>I73 | % respecto a K<br>J73                  | Proteína en materia<br>seca, % (análisis<br>elemental,<br>combustión seca)<br>K73 | % respecto a K<br>L73                  | Fibra bruta en<br>materia seca, % (ISO<br>5498:1981)<br>M73 | % respecto a K<br>N73                  |
|  | K<br>B74                                   | 18.84899999999999<br>7<br>C74          |                                        | 3.276633333333333<br>E74                     |                                        | 34.66666666666667<br>G74                |                                        | 25.909<br>I74                                                                 |                                        | 17.82<br>K74                                                                      |                                        | 30.99<br>M74                                                |                                        |
|  | C1<br>B75                                  | 19.830000000000000<br>2<br>C75         | 105.2045201<br>D75<br>=C75/\$C\$74*100 | 5.5365<br>E75                                | 168.9691655<br>F75<br>=E75/\$E\$74*100 | 34.37499999999999<br>G75                | 99.15865385<br>H75<br>=G75/\$G\$74*100 | 25.125999999999999<br>8<br>I75                                                | 96.97788413<br>J75<br>=I75/\$I\$74*100 | 25.04<br>K75                                                                      | 140.5162738<br>L75<br>=K75/\$K\$74*100 | 22.95<br>M75                                                | 74.05614714<br>N75<br>=M75/\$M\$74*100 |
|  | C2<br>B76                                  | 18.565<br>C76                          | 98.49328877<br>D76<br>=C76/\$C\$74*100 | 3.102166666666666<br>7<br>E76                | 94.67542905<br>F76<br>=E76/\$E\$74*100 | 35.91666666666666<br>4<br>G76           | 103.6057692<br>H76<br>=G76/\$G\$74*100 | 24.51<br>I76                                                                  | 94.60033193<br>J76<br>=I76/\$I\$74*100 | 22.22<br>K76                                                                      | 124.691358<br>L76<br>=K76/\$K\$74*100  | 24.44<br>M76                                                | 78.86414973<br>N76<br>=M76/\$M\$74*100 |
|  | NPK<br>B77                                 | 76.55111111111111<br>C77               |                                        | 13.85555555555555<br>6<br>E77                |                                        | 33.58333333333333<br>6<br>G77           |                                        | 19.819999999999999<br>7<br>I77                                                |                                        | 22.81<br>K77                                                                      |                                        | 26.1<br>M77                                                 |                                        |

|  |                                            |                                                                  |                                                                               |                                                                                   |                                                             |                                                                |                                                            |                                                             |                                                      |                                   |                                        |                                                                  |                                                                               |
|--|--------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------|-----------------------------------|----------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------------------|
|  | NPK C1<br>B78                              | 83.954<br>C78                                                    | 109.6705179<br>D78<br>=C78/\$C\$77*100                                        | 23.99100000000000<br>3<br>E78                                                     | 173.1507618<br>F78<br>=E78/\$E\$77*100                      | 31.625<br>G78                                                  | 94.16873449<br>H78<br>=G78/\$G\$77*100                     | 16.695<br>I78                                               | 84.23309788<br>J78<br>=I78/\$I\$77*100               | 17.61<br>K78                      | 77.20298115<br>L78<br>=K78/\$K\$77*100 | 29.93<br>M78                                                     | 114.6743295<br>N78<br>=M78/\$M\$77*100                                        |
|  | NPK C2<br>B79                              | 102.5110000000000<br>1<br>C79                                    | 133.9118381<br>D79<br>=C79/\$C\$77*100                                        | 31.07838095238095<br>E79                                                          | 224.3026693<br>F79<br>=E79/\$E\$77*100                      | 32.08333333333333<br>6<br>G79                                  | 95.53349876<br>H79<br>=G79/\$G\$77*100                     | 14.522<br>I79                                               | 73.26942482<br>J79<br>=I79/\$I\$77*100               | 18.6<br>K79                       | 81.54318281<br>L79<br>=K79/\$K\$77*100 | 30.36<br>M79                                                     | 116.3218391<br>N79<br>=M79/\$M\$77*100                                        |
|  | Guisantes 2 en el<br>suelo, resumen<br>B81 |                                                                  |                                                                               |                                                                                   |                                                             |                                                                |                                                            |                                                             |                                                      |                                   |                                        |                                                                  |                                                                               |
|  | Código de<br>tratamiento<br>B82            | Biomasa fresca por<br>planta, g<br>C82                           | % respecto a K<br>D82                                                         | Materia seca, %<br>E82                                                            | Longitud de la<br>planta, cm<br>F82                         | % respecto a K<br>G82                                          | Número de zarcillos,<br>unidades<br>H82                    |                                                             | Código de<br>tratamiento<br>J82                      | Longitud de la raíz,<br>cm<br>K82 | % respecto a K<br>L82                  | Masa de raíces, g<br>M82                                         | % respecto a K<br>N82                                                         |
|  | K<br>B83                                   | 10.3275<br>C83                                                   |                                                                               | 18.14<br>E83                                                                      | 58.0<br>F83                                                 |                                                                | 15.25<br>H83                                               |                                                             | K<br>J83                                             | 22.95000000000000<br>3<br>K83     |                                        | 7.675000000000001<br>M83                                         |                                                                               |
|  | C1<br>B84                                  | 12.47750000000000<br>1<br>C84                                    | 120.8182038<br>D84<br>=C84/\$C\$83*100                                        | 18.32<br>E84                                                                      | 68.75<br>F84                                                | 118.5344828<br>G84<br>=F84/\$F\$83*100                         | 15.75<br>H84                                               |                                                             | C1<br>J84                                            | 23.77500000000000<br>2<br>K84     | 103.5947712<br>L84<br>=K84/\$K\$83*100 | 8.145000000000001<br>M84                                         | 106.1237785<br>N84<br>=M84/\$M\$83*100                                        |
|  | C2<br>B85                                  | 12.24<br>C85                                                     | 118.5185185<br>D85<br>=C85/\$C\$83*100                                        | 21.3<br>E85                                                                       | 68.625<br>F85                                               | 118.3189655<br>G85<br>=F85/\$F\$83*100                         | 15.5<br>H85                                                |                                                             | C2<br>J85                                            | 26.025<br>K85                     | 113.3986928<br>L85<br>=K85/\$K\$83*100 | 9.2725<br>M85                                                    | 120.8143322<br>N85<br>=M85/\$M\$83*100                                        |
|  | N C1<br>B86                                | 13.1<br>C86                                                      | 126.8458<br>D86<br>=C86/\$C\$83*100                                           | 19.51<br>E86                                                                      | 66.7<br>F86                                                 | 115<br>G86<br>=F86/\$F\$83*100                                 | 16.75<br>H86                                               |                                                             | N C1<br>J86                                          | 22.875<br>K86                     | 99.67320261<br>L86<br>=K86/\$K\$83*100 | 9.200000000000001<br>M86                                         | 119.8697068<br>N86<br>=M86/\$M\$83*100                                        |
|  | N C2<br>B87                                | 13.1825<br>C87                                                   | 127.6446381<br>D87<br>=C87/\$C\$83*100                                        | 16.84<br>E87                                                                      | 67.57499999999999<br>F87                                    | 116.5086207<br>G87<br>=F87/\$F\$83*100                         | 15.5<br>H87                                                |                                                             | N C2<br>J87                                          | 27.675<br>K87                     | 120.5882353<br>L87<br>=K87/\$K\$83*100 | 11.055<br>M87                                                    | 144.0390879<br>N87<br>=M87/\$M\$83*100                                        |
|  |                                            | TN-125/25,<br>08.10.25.<br>C91                                   |                                                                               |                                                                                   |                                                             |                                                                |                                                            |                                                             |                                                      |                                   |                                        | TN-166/25,<br>28.11.25.<br>M91                                   |                                                                               |
|  |                                            | Guisantes 1, plantas<br>C92                                      |                                                                               |                                                                                   |                                                             |                                                                |                                                            |                                                             |                                                      |                                   |                                        | guisantes 2, plantas<br>M92                                      |                                                                               |
|  |                                            | Número de<br>identificación<br>asignado por el<br>cliente<br>C93 | Parámetro y método<br>de ensayo<br>D93                                        |                                                                                   |                                                             |                                                                |                                                            |                                                             |                                                      |                                   |                                        | Número de<br>identificación<br>asignado por el<br>cliente<br>M93 | Parámetro y método<br>de ensayo<br>N93                                        |
|  |                                            |                                                                  | Materia seca, %<br>(Reglamento del<br>Consejo de Ministros<br>n.º 518)<br>D94 | Proteína en materia<br>seca, % (análisis<br>elemental,<br>combustión seca)<br>E94 | Fibra bruta en<br>materia seca, % (ISO<br>5498:1981)<br>F94 | Potasio en materia<br>seca, % (LVS EN ISO<br>6869:2002)<br>G94 | Fósforo en materia<br>seca, g/kg (ISO<br>6491:1998)<br>H94 | NDF en materia<br>seca, % (LVS EN ISO<br>16472:2006)<br>I94 | ADF en materia<br>seca, % (ISO<br>13906:2008)<br>J94 |                                   |                                        |                                                                  | Materia seca, %<br>(Reglamento del<br>Consejo de Ministros<br>n.º 518)<br>N94 |
|  |                                            | K 1<br>C95                                                       | 28.19<br>D95                                                                  | 17.82<br>E95                                                                      | 30.99<br>F95                                                | 1.97<br>G95                                                    | 1.59<br>H95                                                | 46.33<br>I95                                                | 41.41<br>J95                                         |                                   |                                        | 1.N C2<br>M95                                                    | 17.04<br>N95                                                                  |
|  |                                            | K 2<br>C96                                                       | 25.97<br>D96                                                                  |                                                                                   |                                                             |                                                                |                                                            |                                                             |                                                      |                                   |                                        | 2.N C2<br>M96                                                    | 17.83<br>N96                                                                  |
|  |                                            | K 3<br>C97                                                       | 26.85<br>D97                                                                  |                                                                                   |                                                             |                                                                |                                                            |                                                             |                                                      |                                   |                                        | 3.N C2<br>M97                                                    | 14.34<br>N97                                                                  |
|  |                                            | K 4<br>C98                                                       | 25.55<br>D98                                                                  |                                                                                   |                                                             |                                                                |                                                            |                                                             |                                                      |                                   |                                        | 4.N C2<br>M98                                                    | 18.14<br>N98                                                                  |
|  |                                            | K 5<br>C99                                                       | 25.41<br>D99                                                                  |                                                                                   |                                                             |                                                                |                                                            |                                                             |                                                      |                                   |                                        | 1.N C1<br>M99                                                    | 17.3<br>N99                                                                   |
|  |                                            | K 6<br>C100                                                      | 27.53<br>D100                                                                 |                                                                                   |                                                             |                                                                |                                                            |                                                             |                                                      |                                   |                                        | 2.N C1<br>M100                                                   | 21.02<br>N100                                                                 |
|  |                                            | K 7<br>C101                                                      | 25.45<br>D101                                                                 |                                                                                   |                                                             |                                                                |                                                            |                                                             |                                                      |                                   |                                        | 3.N C1<br>M101                                                   | 21.4<br>N101                                                                  |

|  |  |                |               |               |               |              |              |               |               |  |  |                |               |
|--|--|----------------|---------------|---------------|---------------|--------------|--------------|---------------|---------------|--|--|----------------|---------------|
|  |  | K 8<br>C102    | 24.73<br>D102 |               |               |              |              |               |               |  |  | 4.N C1<br>M102 | 18.32<br>N102 |
|  |  | K 9<br>C103    | 23.95<br>D103 |               |               |              |              |               |               |  |  | 1.C1<br>M103   | 15.83<br>N103 |
|  |  | K 10<br>C104   | 25.46<br>D104 |               |               |              |              |               |               |  |  | 2.C1<br>M104   | 18.65<br>N104 |
|  |  | NPK 1<br>C105  | 16.79<br>D105 | 22.81<br>E105 | 26.1<br>F105  | 4.35<br>G105 | 6.67<br>H105 | 42.2<br>I105  | 35.35<br>J105 |  |  | 3.C1<br>M105   | 19.75<br>N105 |
|  |  | NPK 2<br>C106  | 17.61<br>D106 |               |               |              |              |               |               |  |  | 4.C1<br>M106   | 19.06<br>N106 |
|  |  | NPK 3<br>C107  | 19.42<br>D107 |               |               |              |              |               |               |  |  | 1.C2<br>M107   | 21.83<br>N107 |
|  |  | NPK 4<br>C108  | 20.03<br>D108 |               |               |              |              |               |               |  |  | 2.C2<br>M108   | 23.12<br>N108 |
|  |  | NPK 5<br>C109  | 21.84<br>D109 |               |               |              |              |               |               |  |  | 3.C2<br>M109   | 20.56<br>N109 |
|  |  | NPK 6<br>C110  | 17.32<br>D110 |               |               |              |              |               |               |  |  | 4.C2<br>M110   | 19.67<br>N110 |
|  |  | NPK 7<br>C111  | 22.41<br>D111 |               |               |              |              |               |               |  |  | 1.K<br>M111    | 18.26<br>N111 |
|  |  | NPK 8<br>C112  | 20.98<br>D112 |               |               |              |              |               |               |  |  | 2.K<br>M112    | 17.01<br>N112 |
|  |  | NPK 9<br>C113  | 21.98<br>D113 |               |               |              |              |               |               |  |  | 3.K<br>M113    | 16.86<br>N113 |
|  |  | NPK 10<br>C114 | -<br>D114     |               |               |              |              |               |               |  |  | 4.K<br>M114    | 20.43<br>N114 |
|  |  | C1 1<br>C115   | 24.97<br>D115 | 25.04<br>E115 | 22.95<br>F115 | 4.6<br>G115  | 6.73<br>H115 | 38.41<br>I115 | 31.4<br>J115  |  |  |                |               |
|  |  | C1 2<br>C116   | 25.83<br>D116 |               |               |              |              |               |               |  |  |                |               |
|  |  | C1 3<br>C117   | 26.37<br>D117 |               |               |              |              |               |               |  |  |                |               |
|  |  | C1 4<br>C118   | 25.66<br>D118 |               |               |              |              |               |               |  |  |                |               |
|  |  | C1 5<br>C119   | 27.12<br>D119 |               |               |              |              |               |               |  |  |                |               |
|  |  | C1 6<br>C120   | 24.54<br>D120 |               |               |              |              |               |               |  |  |                |               |
|  |  | C1 7<br>C121   | 24.34<br>D121 |               |               |              |              |               |               |  |  |                |               |
|  |  | C1 8<br>C122   | 24.43<br>D122 |               |               |              |              |               |               |  |  |                |               |
|  |  | C1 9<br>C123   | 23.57<br>D123 |               |               |              |              |               |               |  |  |                |               |
|  |  | C1 10<br>C124  | 24.43<br>D124 |               |               |              |              |               |               |  |  |                |               |
|  |  | C2 1<br>C125   | 26.07<br>D125 | 22.22<br>E125 | 24.44<br>F125 | 4.28<br>G125 | 5.98<br>H125 | 39.25<br>I125 | 35.66<br>J125 |  |  |                |               |
|  |  | C2 2<br>C126   | 25.19<br>D126 |               |               |              |              |               |               |  |  |                |               |
|  |  | C2 3<br>C127   | 22.89<br>D127 |               |               |              |              |               |               |  |  |                |               |

|  |  |                   |               |               |               |              |              |               |               |  |  |  |  |
|--|--|-------------------|---------------|---------------|---------------|--------------|--------------|---------------|---------------|--|--|--|--|
|  |  | C2 4<br>C128      | 25.15<br>D128 |               |               |              |              |               |               |  |  |  |  |
|  |  | C2 5<br>C129      | 25.2<br>D129  |               |               |              |              |               |               |  |  |  |  |
|  |  | C2 6<br>C130      | 23.86<br>D130 |               |               |              |              |               |               |  |  |  |  |
|  |  | C2 7<br>C131      | 24.24<br>D131 |               |               |              |              |               |               |  |  |  |  |
|  |  | C2 8<br>C132      | 24.27<br>D132 |               |               |              |              |               |               |  |  |  |  |
|  |  | C2 9<br>C133      | 24.47<br>D133 |               |               |              |              |               |               |  |  |  |  |
|  |  | C2 10<br>C134     | 23.76<br>D134 |               |               |              |              |               |               |  |  |  |  |
|  |  | NPK C1 1<br>C135  | 14.36<br>D135 | 17.61<br>E135 | 29.93<br>F135 | 1.97<br>G135 | 1.54<br>H135 | 47.45<br>I135 | 43.37<br>J135 |  |  |  |  |
|  |  | NPK C1 2<br>C136  | 17.9<br>D136  |               |               |              |              |               |               |  |  |  |  |
|  |  | NPK C1 3<br>C137  | 17.36<br>D137 |               |               |              |              |               |               |  |  |  |  |
|  |  | NPK C1 4<br>C138  | 15.51<br>D138 |               |               |              |              |               |               |  |  |  |  |
|  |  | NPK C1 5<br>C139  | 15.86<br>D139 |               |               |              |              |               |               |  |  |  |  |
|  |  | NPK C1 6<br>C140  | 15.23<br>D140 |               |               |              |              |               |               |  |  |  |  |
|  |  | NPK C1 7<br>C141  | 17.64<br>D141 |               |               |              |              |               |               |  |  |  |  |
|  |  | NPK C1 8<br>C142  | 18.26<br>D142 |               |               |              |              |               |               |  |  |  |  |
|  |  | NPK C1 9<br>C143  | 15.79<br>D143 |               |               |              |              |               |               |  |  |  |  |
|  |  | NPK C1 10<br>C144 | 19.04<br>D144 |               |               |              |              |               |               |  |  |  |  |
|  |  | NPK C2 1<br>C145  | 14.24<br>D145 | 18.6<br>E145  | 30.36<br>F145 | 2.08<br>G145 | 1.51<br>H145 | 46.18<br>I145 | 39.7<br>J145  |  |  |  |  |
|  |  | NPK C2 2<br>C146  | 14.74<br>D146 |               |               |              |              |               |               |  |  |  |  |
|  |  | NPK C2 3<br>C147  | 14.07<br>D147 |               |               |              |              |               |               |  |  |  |  |
|  |  | NPK C2 4<br>C148  | 14.27<br>D148 |               |               |              |              |               |               |  |  |  |  |
|  |  | NPK C2 5<br>C149  | 14.55<br>D149 |               |               |              |              |               |               |  |  |  |  |
|  |  | NPK C2 6<br>C150  | 14.36<br>D150 |               |               |              |              |               |               |  |  |  |  |
|  |  | NPK C2 7<br>C151  | 14.23<br>D151 |               |               |              |              |               |               |  |  |  |  |
|  |  | NPK C2 8<br>C152  | 14.77<br>D152 |               |               |              |              |               |               |  |  |  |  |
|  |  | NPK C2 9<br>C153  | 14.81<br>D153 |               |               |              |              |               |               |  |  |  |  |

|  |  |                                                                   |                                                                           |                                                                                                                                          |                                                                      |                                                                 |                                                              |                                               |  |  |  |  |  |
|--|--|-------------------------------------------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------|--|--|--|--|--|
|  |  | NPK C2 10<br>C154                                                 | 15.18<br>D154                                                             |                                                                                                                                          |                                                                      |                                                                 |                                                              |                                               |  |  |  |  |  |
|  |  | TA-59/25,<br>23.10.2025<br>C157                                   |                                                                           |                                                                                                                                          |                                                                      |                                                                 |                                                              |                                               |  |  |  |  |  |
|  |  | Número de<br>identificación<br>asignado por el<br>cliente<br>C159 | Parámetro y método<br>de ensayo<br>D159                                   |                                                                                                                                          |                                                                      |                                                                 |                                                              |                                               |  |  |  |  |  |
|  |  |                                                                   | *pH (LVS ISO<br>10390:2022) en<br>solución de KCl, c =<br>1 mol/l<br>D160 | Materia orgánica, %<br>(procedimiento del<br>Ministerio de<br>Agricultura n.º 1 del<br>4 de enero de 2022,<br>anexo 5, método 1)<br>E160 | Fósforo extraíble<br>P2O5, mg/kg<br>(método Egner-<br>Riehm)<br>F160 | Potasio extraíble<br>K2O, mg/kg (método<br>Egner-Riehm)<br>G160 | Nitrógeno total, mg/<br>g (LVS EN ISO<br>11261:2002)<br>H160 | Humedad, % (LVS<br>EN ISO 11465:2006)<br>I160 |  |  |  |  |  |
|  |  | SKL1, guisantes,<br>14.10.25.<br>C161                             | 5.81<br>D161                                                              | 2.03<br>E161                                                                                                                             | 355.17<br>F161                                                       | 236.5<br>G161                                                   | 0.81<br>H161                                                 | 0.89<br>I161                                  |  |  |  |  |  |

Tabla 4

|  |                                  |            |            |            |            |                                           |                                                                              |                                                                                  |                                                            |                                                               |                                                           |                                                            |                                                     |
|--|----------------------------------|------------|------------|------------|------------|-------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------|
|  | Guisantes 1 en<br>sustrato<br>B3 |            |            |            |            |                                           |                                                                              |                                                                                  |                                                            |                                                               |                                                           |                                                            |                                                     |
|  | Plantas<br>B4                    |            |            |            |            | Media<br>S4                               | Materia seca, %<br>(Reglamento del<br>Consejo de Ministros<br>n.º 518)<br>T4 | Proteína en materia<br>seca, % (análisis<br>elemental,<br>combustión seca)<br>U4 | Fibra bruta en<br>materia seca, % (ISO<br>5498:1981)<br>V4 | Potasio en materia<br>seca, % (LVS EN ISO<br>6869:2002)<br>W4 | Fósforo en materia<br>seca, g/kg (ISO<br>6491:1998)<br>X4 | NDF en materia<br>seca, % (LVS EN ISO<br>16472:2006)<br>Y4 | ADF en materia<br>seca, % (ISO<br>13906:2008)<br>Z4 |
|  | 1.0<br>B5                        | 31.0<br>O5 | 40.0<br>P5 | 48.0<br>Q5 | 33.0<br>R5 | 37.83333333<br>S5<br>=AVERAGE (M5 : R5)   | 28.19<br>T5                                                                  |                                                                                  |                                                            |                                                               |                                                           |                                                            |                                                     |
|  | 2.0<br>B6                        | 33.0<br>O6 | 39.0<br>P6 | 50.0<br>Q6 | 29.0<br>R6 | 35.58333333<br>S6<br>=AVERAGE (M6 : R6)   | 25.97<br>T6                                                                  |                                                                                  |                                                            |                                                               |                                                           |                                                            |                                                     |
|  | 3.0<br>B7                        | 37.0<br>O7 | 33.0<br>P7 | 34.0<br>Q7 | 25.0<br>R7 | 33<br>S7<br>=AVERAGE (M7 : R7)            | 26.85<br>T7                                                                  |                                                                                  |                                                            |                                                               |                                                           |                                                            |                                                     |
|  | 4.0<br>B8                        | 24.5<br>O8 | 35.5<br>P8 | 35.0<br>Q8 | 33.0<br>R8 | 32.25<br>S8<br>=AVERAGE (M8 : R8)         | 25.55<br>T8                                                                  |                                                                                  |                                                            |                                                               |                                                           |                                                            |                                                     |
|  | 5.0<br>B9                        |            |            |            |            |                                           | 25.41<br>T9                                                                  |                                                                                  |                                                            |                                                               |                                                           |                                                            |                                                     |
|  | 6.0<br>B10                       |            |            |            |            |                                           | 27.53<br>T10                                                                 |                                                                                  |                                                            |                                                               |                                                           |                                                            |                                                     |
|  | 7.0<br>B11                       |            |            |            |            |                                           | 25.45<br>T11                                                                 |                                                                                  |                                                            |                                                               |                                                           |                                                            |                                                     |
|  | 8.0<br>B12                       |            |            |            |            |                                           | 24.73<br>T12                                                                 |                                                                                  |                                                            |                                                               |                                                           |                                                            |                                                     |
|  | 9.0<br>B13                       |            |            |            |            |                                           | 23.95<br>T13                                                                 |                                                                                  |                                                            |                                                               |                                                           |                                                            |                                                     |
|  | 10.0<br>B14                      |            |            |            |            |                                           | 25.46<br>T14                                                                 |                                                                                  |                                                            |                                                               |                                                           |                                                            |                                                     |
|  |                                  |            |            |            |            | 34.66666667<br>S15<br>=AVERAGE (S5 : S14) | 25.909<br>T15<br>=AVERAGE (T5 : T14)                                         | 17.82<br>U15                                                                     | 30.99<br>V15                                               | 1.97<br>W15                                                   | 1.59<br>X15                                               | 46.33<br>Y15                                               | 41.41<br>Z15                                        |

|  |             |             |             |             |             |                                            |                                       |              |              |             |             |              |              |
|--|-------------|-------------|-------------|-------------|-------------|--------------------------------------------|---------------------------------------|--------------|--------------|-------------|-------------|--------------|--------------|
|  | 21.0<br>B16 | 39.0<br>O16 | 32.0<br>P16 | 29.0<br>Q16 | 34.0<br>R16 | 32.5<br>S16<br>=AVERAGE (M16 : R16)        | 24.97<br>T16                          |              |              |             |             |              |              |
|  | 22.0<br>B17 | 27.0<br>O17 | 40.0<br>P17 | 27.0<br>Q17 | 38.0<br>R17 | 35.16666667<br>S17<br>=AVERAGE (M17 : R17) | 25.83<br>T17                          |              |              |             |             |              |              |
|  | 23.0<br>B18 | 33.0<br>O18 | 36.0<br>P18 | 33.0<br>Q18 | 32.0<br>R18 | 34.66666667<br>S18<br>=AVERAGE (M18 : R18) | 26.37<br>T18                          |              |              |             |             |              |              |
|  | 24.0<br>B19 | 34.0<br>O19 | 32.0<br>P19 | 30.0<br>Q19 | 41.0<br>R19 | 35.16666667<br>S19<br>=AVERAGE (M19 : R19) | 25.66<br>T19                          |              |              |             |             |              |              |
|  | 25.0<br>B20 |             |             |             |             |                                            | 27.12<br>T20                          |              |              |             |             |              |              |
|  | 26.0<br>B21 |             |             |             |             |                                            | 24.54<br>T21                          |              |              |             |             |              |              |
|  | 27.0<br>B22 |             |             |             |             |                                            | 24.34<br>T22                          |              |              |             |             |              |              |
|  | 28.0<br>B23 |             |             |             |             |                                            | 24.43<br>T23                          |              |              |             |             |              |              |
|  | 29.0<br>B24 |             |             |             |             |                                            | 23.57<br>T24                          |              |              |             |             |              |              |
|  | 30.0<br>B25 |             |             |             |             |                                            | 24.43<br>T25                          |              |              |             |             |              |              |
|  |             |             |             |             |             | 34.375<br>S26<br>=AVERAGE (S16 : S25)      | 25.126<br>T26<br>=AVERAGE (T16 : T25) | 25.04<br>U26 | 22.95<br>V26 | 4.6<br>W26  | 6.73<br>X26 | 38.41<br>Y26 | 31.4<br>Z26  |
|  | 31.0<br>B27 | 41.0<br>O27 | 45.0<br>P27 | 37.0<br>Q27 | 44.0<br>R27 | 40.16666667<br>S27<br>=AVERAGE (M27 : R27) | 26.07<br>T27                          |              |              |             |             |              |              |
|  | 32.0<br>B28 | 35.0<br>O28 | 22.0<br>P28 | 31.0<br>Q28 | 27.0<br>R28 | 30<br>S28<br>=AVERAGE (M28 : R28)          | 25.19<br>T28                          |              |              |             |             |              |              |
|  | 33.0<br>B29 | 37.0<br>O29 | 42.0<br>P29 | 34.0<br>Q29 | 32.0<br>R29 | 35.33333333<br>S29<br>=AVERAGE (M29 : R29) | 22.89<br>T29                          |              |              |             |             |              |              |
|  | 34.0<br>B30 | 40.0<br>O30 | 35.0<br>P30 | 39.0<br>Q30 | 33.0<br>R30 | 38.16666667<br>S30<br>=AVERAGE (M30 : R30) | 25.15<br>T30                          |              |              |             |             |              |              |
|  | 35.0<br>B31 |             |             |             |             |                                            | 25.2<br>T31                           |              |              |             |             |              |              |
|  | 36.0<br>B32 |             |             |             |             |                                            | 23.86<br>T32                          |              |              |             |             |              |              |
|  | 37.0<br>B33 |             |             |             |             |                                            | 24.24<br>T33                          |              |              |             |             |              |              |
|  | 38.0<br>B34 |             |             |             |             |                                            | 24.27<br>T34                          |              |              |             |             |              |              |
|  | 39.0<br>B35 |             |             |             |             |                                            | 24.47<br>T35                          |              |              |             |             |              |              |
|  | 40.0<br>B36 |             |             |             |             |                                            | 23.76<br>T36                          |              |              |             |             |              |              |
|  |             |             |             |             |             | 35.91666667<br>S37<br>=AVERAGE (S27 : S36) | 24.51<br>T37<br>=AVERAGE (T27 : T36)  | 22.22<br>U37 | 24.44<br>V37 | 4.28<br>W37 | 5.98<br>X37 | 39.25<br>Y37 | 35.66<br>Z37 |

|  |             |             |             |             |             |                                            |                                       |              |              |             |             |              |              |
|--|-------------|-------------|-------------|-------------|-------------|--------------------------------------------|---------------------------------------|--------------|--------------|-------------|-------------|--------------|--------------|
|  | 11.0<br>B38 | 34.0<br>O38 | 38.0<br>P38 | 33.0<br>Q38 | 27.0<br>R38 | 31.5<br>S38<br>=AVERAGE (M38 : R38)        | 16.79<br>T38                          |              |              |             |             |              |              |
|  | 12.0<br>B39 | 25.0<br>O39 | 31.0<br>P39 | 29.0<br>Q39 | 30.0<br>R39 | 30.66666667<br>S39<br>=AVERAGE (M39 : R39) | 17.61<br>T39                          |              |              |             |             |              |              |
|  | 13.0<br>B40 | 44.0<br>O40 | 34.0<br>P40 | 40.0<br>Q40 | 45.0<br>R40 | 38<br>S40<br>=AVERAGE (M40 : R40)          | 19.42<br>T40                          |              |              |             |             |              |              |
|  | 14.0<br>B41 | 35.0<br>O41 | 31.0<br>P41 | 33.0<br>Q41 | 39.0<br>R41 | 34.16666667<br>S41<br>=AVERAGE (M41 : R41) | 20.03<br>T41                          |              |              |             |             |              |              |
|  | 15.0<br>B42 |             |             |             |             |                                            | 21.84<br>T42                          |              |              |             |             |              |              |
|  | 16.0<br>B43 |             |             |             |             |                                            | 17.32<br>T43                          |              |              |             |             |              |              |
|  | 17.0<br>B44 |             |             |             |             |                                            | 22.41<br>T44                          |              |              |             |             |              |              |
|  | 18.0<br>B45 |             |             |             |             |                                            | 20.98<br>T45                          |              |              |             |             |              |              |
|  | 19.0<br>B46 |             |             |             |             |                                            | 21.98<br>T46                          |              |              |             |             |              |              |
|  | 20.0<br>B47 |             |             |             |             |                                            | -<br>T47                              |              |              |             |             |              |              |
|  |             |             |             |             |             | 33.58333333<br>S48<br>=AVERAGE (S38 : S47) | 19.82<br>T48<br>=AVERAGE (T38 : T47)  | 22.81<br>U48 | 26.1<br>V48  | 4.35<br>W48 | 6.67<br>X48 | 42.2<br>Y48  | 35.35<br>Z48 |
|  | 41.0<br>B49 | 37.0<br>O49 | 31.0<br>P49 | 27.0<br>Q49 | 26.0<br>R49 | 32.5<br>S49<br>=AVERAGE (M49 : R49)        | 14.36<br>T49                          |              |              |             |             |              |              |
|  | 42.0<br>B50 | 30.0<br>O50 | 32.0<br>P50 | 35.0<br>Q50 | 35.0<br>R50 | 32.33333333<br>S50<br>=AVERAGE (M50 : R50) | 17.9<br>T50                           |              |              |             |             |              |              |
|  | 43.0<br>B51 | 28.0<br>O51 | 26.0<br>P51 | 27.0<br>Q51 | 39.0<br>R51 | 31.83333333<br>S51<br>=AVERAGE (M51 : R51) | 17.36<br>T51                          |              |              |             |             |              |              |
|  | 44.0<br>B52 | 30.0<br>O52 | 24.0<br>P52 | 38.0<br>Q52 | 40.0<br>R52 | 29.83333333<br>S52<br>=AVERAGE (M52 : R52) | 15.51<br>T52                          |              |              |             |             |              |              |
|  | 45.0<br>B53 |             |             |             |             |                                            | 15.86<br>T53                          |              |              |             |             |              |              |
|  | 46.0<br>B54 |             |             |             |             |                                            | 15.23<br>T54                          |              |              |             |             |              |              |
|  | 47.0<br>B55 |             |             |             |             |                                            | 17.64<br>T55                          |              |              |             |             |              |              |
|  | 48.0<br>B56 |             |             |             |             |                                            | 18.26<br>T56                          |              |              |             |             |              |              |
|  | 49.0<br>B57 |             |             |             |             |                                            | 15.79<br>T57                          |              |              |             |             |              |              |
|  | 50.0<br>B58 |             |             |             |             |                                            | 19.04<br>T58                          |              |              |             |             |              |              |
|  |             |             |             |             |             | 31.625<br>S59<br>=AVERAGE (S49 : S58)      | 16.695<br>T59<br>=AVERAGE (T49 : T58) | 17.61<br>U59 | 29.93<br>V59 | 1.97<br>W59 | 1.54<br>X59 | 47.45<br>Y59 | 43.37<br>Z59 |

|  |                                         |                                                          |                                                      |                                                       |                                        |                                                |                                        |             |              |             |             |              |             |
|--|-----------------------------------------|----------------------------------------------------------|------------------------------------------------------|-------------------------------------------------------|----------------------------------------|------------------------------------------------|----------------------------------------|-------------|--------------|-------------|-------------|--------------|-------------|
|  | 51.0<br>B60                             | 33.0<br>O60                                              | 29.0<br>P60                                          | 32.0<br>Q60                                           | 31.0<br>R60                            | 30.33333333<br>S60<br>=AVERAGE (M60 : R60)     | 14.24<br>T60                           |             |              |             |             |              |             |
|  | 52.0<br>B61                             | 29.0<br>O61                                              | 37.0<br>P61                                          | 33.0<br>Q61                                           | 40.0<br>R61                            | 35.33333333<br>S61<br>=AVERAGE (M61 : R61)     | 14.74<br>T61                           |             |              |             |             |              |             |
|  | 53.0<br>B62                             | 26.0<br>O62                                              | 32.0<br>P62                                          | 36.0<br>Q62                                           | 30.0<br>R62                            | 32.33333333<br>S62<br>=AVERAGE (M62 : R62)     | 14.07<br>T62                           |             |              |             |             |              |             |
|  | 54.0<br>B63                             | 28.0<br>O63                                              | 32.0<br>P63                                          | 36.0<br>Q63                                           | 24.0<br>R63                            | 30.33333333<br>S63<br>=AVERAGE (M63 : R63)     | 14.27<br>T63                           |             |              |             |             |              |             |
|  | 55.0<br>B64                             |                                                          |                                                      |                                                       |                                        |                                                | 14.55<br>T64                           |             |              |             |             |              |             |
|  | 56.0<br>B65                             |                                                          |                                                      |                                                       |                                        |                                                | 14.36<br>T65                           |             |              |             |             |              |             |
|  | 57.0<br>B66                             |                                                          |                                                      |                                                       |                                        |                                                | 14.23<br>T66                           |             |              |             |             |              |             |
|  | 58.0<br>B67                             |                                                          |                                                      |                                                       |                                        |                                                | 14.77<br>T67                           |             |              |             |             |              |             |
|  | 59.0<br>B68                             |                                                          |                                                      |                                                       |                                        |                                                | 14.81<br>T68                           |             |              |             |             |              |             |
|  | 60.0<br>B69                             |                                                          |                                                      |                                                       |                                        |                                                | 15.18<br>T69                           |             |              |             |             |              |             |
|  |                                         |                                                          |                                                      |                                                       |                                        | 32.08333333<br>S70<br>=AVERAGE (S60 : S69)     | 14.522<br>T70<br>=AVERAGE (T60 : T69)  | 18.6<br>U70 | 30.36<br>V70 | 2.08<br>W70 | 1.51<br>X70 | 46.18<br>Y70 | 39.7<br>Z70 |
|  | Guisantes 1 en sustrato, resumen<br>B72 |                                                          |                                                      |                                                       |                                        |                                                |                                        |             |              |             |             |              |             |
|  | Código de tratamiento<br>B73            | Potasio en materia seca, % (LVS EN ISO 6869:2002)<br>O73 | Fósforo en materia seca, g/kg (ISO 6491:1998)<br>P73 | NDF en materia seca, % (LVS EN ISO 16472:2006)<br>Q73 | % respecto a K<br>R73                  | ADF en materia seca, % (ISO 13906:2008)<br>S73 | % respecto a K<br>T73                  |             |              |             |             |              |             |
|  | K<br>B74                                | 1.97<br>O74                                              | 1.59<br>P74                                          | 46.33<br>Q74                                          |                                        | 41.41<br>S74                                   |                                        |             |              |             |             |              |             |
|  | C1<br>B75                               | 4.6<br>O75                                               | 6.73<br>P75                                          | 38.41<br>Q75                                          | 82.90524498<br>R75<br>=Q75/\$Q\$74*100 | 31.4<br>S75                                    | 75.8270949<br>T75<br>=S75/\$S\$74*100  |             |              |             |             |              |             |
|  | C2<br>B76                               | 4.28<br>O76                                              | 5.98<br>P76                                          | 39.25<br>Q76                                          | 84.71832506<br>R76<br>=Q76/\$Q\$74*100 | 35.66<br>S76                                   | 86.11446511<br>T76<br>=S76/\$S\$74*100 |             |              |             |             |              |             |
|  | NPK<br>B77                              | 4.35<br>O77                                              | 6.67<br>P77                                          | 42.2<br>Q77                                           |                                        | 35.35<br>S77                                   |                                        |             |              |             |             |              |             |
|  | NPK C1<br>B78                           | 1.97<br>O78                                              | 1.54<br>P78                                          | 47.45<br>Q78                                          | 112.4407583<br>R78<br>=Q78/\$Q\$77*100 | 43.37<br>S78                                   | 122.6874116<br>T78<br>=S78/\$S\$77*100 |             |              |             |             |              |             |
|  | NPK C2<br>B79                           | 2.08<br>O79                                              | 1.51<br>P79                                          | 46.18<br>Q79                                          | 109.4312796<br>R79<br>=Q79/\$Q\$77*100 | 39.7<br>S79                                    | 112.3055163<br>T79<br>=S79/\$S\$77*100 |             |              |             |             |              |             |
|  | Guisantes 2 en el suelo, resumen<br>B81 |                                                          |                                                      |                                                       |                                        |                                                |                                        |             |              |             |             |              |             |
|  | Código de tratamiento<br>B82            | Materia seca, %<br>O82                                   |                                                      |                                                       |                                        |                                                |                                        |             |              |             |             |              |             |

|  |             |              |                                                                  |                                                                               |  |  |  |  |  |  |  |  |  |
|--|-------------|--------------|------------------------------------------------------------------|-------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|
|  | K<br>B83    | 10.64<br>O83 |                                                                  |                                                                               |  |  |  |  |  |  |  |  |  |
|  | C1<br>B84   | 11.24<br>O84 |                                                                  |                                                                               |  |  |  |  |  |  |  |  |  |
|  | C2<br>B85   | 11.79<br>O85 |                                                                  |                                                                               |  |  |  |  |  |  |  |  |  |
|  | N C1<br>B86 | 13.35<br>O86 |                                                                  |                                                                               |  |  |  |  |  |  |  |  |  |
|  | N C2<br>B87 | 16.32<br>O87 |                                                                  |                                                                               |  |  |  |  |  |  |  |  |  |
|  |             |              | TN-167/25,<br>28.11.25.<br>P91                                   |                                                                               |  |  |  |  |  |  |  |  |  |
|  |             |              | Guisantes 2, raíces<br>P92                                       |                                                                               |  |  |  |  |  |  |  |  |  |
|  |             |              | Número de<br>identificación<br>asignado por el<br>cliente<br>P93 | Parámetro y método<br>de ensayo<br>Q93                                        |  |  |  |  |  |  |  |  |  |
|  |             |              |                                                                  | Materia seca, %<br>(Reglamento del<br>Consejo de Ministros<br>n.º 518)<br>Q94 |  |  |  |  |  |  |  |  |  |
|  |             |              | 1.N C2<br>P95                                                    | 19.13<br>Q95                                                                  |  |  |  |  |  |  |  |  |  |
|  |             |              | 2.N C2<br>P96                                                    | 14.14<br>Q96                                                                  |  |  |  |  |  |  |  |  |  |
|  |             |              | 3.N C2<br>P97                                                    | 14.29<br>Q97                                                                  |  |  |  |  |  |  |  |  |  |
|  |             |              | 4.N C2<br>P98                                                    | 17.7<br>Q98                                                                   |  |  |  |  |  |  |  |  |  |
|  |             |              | 1.N C1<br>P99                                                    | 16.77<br>Q99                                                                  |  |  |  |  |  |  |  |  |  |
|  |             |              | 2.N C1<br>P100                                                   | 12.3<br>Q100                                                                  |  |  |  |  |  |  |  |  |  |
|  |             |              | 3.N C1<br>P101                                                   | 11.77<br>Q101                                                                 |  |  |  |  |  |  |  |  |  |
|  |             |              | 4.N C1<br>P102                                                   | 12.55<br>Q102                                                                 |  |  |  |  |  |  |  |  |  |
|  |             |              | 1.C1<br>P103                                                     | 10.99<br>Q103                                                                 |  |  |  |  |  |  |  |  |  |
|  |             |              | 2.C1<br>P104                                                     | 10.22<br>Q104                                                                 |  |  |  |  |  |  |  |  |  |
|  |             |              | 3.C1<br>P105                                                     | 12.1<br>Q105                                                                  |  |  |  |  |  |  |  |  |  |
|  |             |              | 4.C1<br>P106                                                     | 11.65<br>Q106                                                                 |  |  |  |  |  |  |  |  |  |
|  |             |              | 1.C2<br>P107                                                     | 11.49<br>Q107                                                                 |  |  |  |  |  |  |  |  |  |
|  |             |              | 2.C2<br>P108                                                     | 11.14<br>Q108                                                                 |  |  |  |  |  |  |  |  |  |
|  |             |              | 3.C2<br>P109                                                     | 12.6<br>Q109                                                                  |  |  |  |  |  |  |  |  |  |

|  |                               |  |                             |                              |                                        |                                      |                                   |                                      |                                      |                                      |                                        |               |  |
|--|-------------------------------|--|-----------------------------|------------------------------|----------------------------------------|--------------------------------------|-----------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|----------------------------------------|---------------|--|
|  | Guisantes 1 en sustrato<br>B3 |  | Guisantes 2 en suelo<br>AB3 |                              | 25.11.2025. Adrians<br>AD3             |                                      |                                   |                                      |                                      |                                      |                                        |               |  |
|  | Plantas<br>B4                 |  | Plantas<br>AB4              | Código de tratamiento<br>AC4 | Biomasa fresca por planta, g<br>AD4    | Materia seca, %<br>AE4               | Longitud de la planta, cm<br>AF4  | Número de zarcillos, unidades<br>AG4 | Longitud de la raíz, cm<br>AH4       | Masa de raíces, g<br>AI4             | Materia seca, %<br>AJ4                 |               |  |
|  | 1.0<br>B5                     |  | 1.0<br>AB5                  | K<br>AC5                     | 10.95<br>AD5                           | 18.26<br>AE5                         | 59.0<br>AF5                       | 15.0<br>AG5                          | 19.5<br>AH5                          | 10.15<br>AI5                         | 12.02<br>AJ5                           | Oídio<br>AK5  |  |
|  | 2.0<br>B6                     |  | 2.0<br>AB6                  | K<br>AC6                     | 13.7<br>AD6                            | 17.01<br>AE6                         | 72.0<br>AF6                       | 16.0<br>AG6                          | 27.2<br>AH6                          | 6.81<br>AI6                          | 10.13<br>AJ6                           | Oídio<br>AK6  |  |
|  | 3.0<br>B7                     |  | 3.0<br>AB7                  | K<br>AC7                     | 6.82<br>AD7                            | 16.86<br>AE7                         | 41.0<br>AF7                       | 15.0<br>AG7                          | 21.0<br>AH7                          | 5.57<br>AI7                          | 9.87<br>AJ7                            | Oídio<br>AK7  |  |
|  | 4.0<br>B8                     |  | 4.0<br>AB8                  | K<br>AC8                     | 9.84<br>AD8                            | 20.43<br>AE8                         | 60.0<br>AF8                       | 15.0<br>AG8                          | 24.1<br>AH8                          | 8.17<br>AI8                          | 10.53<br>AJ8                           |               |  |
|  | 5.0<br>B9                     |  |                             | Media<br>AC9                 | 10.3275<br>AD9<br>=AVERAGE (AD5 : AD8) | 18.14<br>AE9<br>=AVERAGE (AE5 : AE8) | 58<br>AF9<br>=AVERAGE (AF5 : AF8) | 15.25<br>AG9<br>=AVERAGE (AG5 : AG8) | 22.95<br>AH9<br>=AVERAGE (AH5 : AH8) | 7.675<br>AI9<br>=AVERAGE (AI5 : AI8) | 10.6375<br>AJ9<br>=AVERAGE (AJ5 : AJ8) |               |  |
|  | 6.0<br>B10                    |  | 1.0<br>AB10                 | C1<br>AC10                   | 13.08<br>AD10                          | 15.83<br>AE10                        | 72.0<br>AF10                      | 16.0<br>AG10                         | 28.2<br>AH10                         | 7.28<br>AI10                         | 10.99<br>AJ10                          | Oídio<br>AK10 |  |
|  | 7.0<br>B11                    |  | 2.0<br>AB11                 | C1<br>AC11                   | 11.85<br>AD11                          | 18.65<br>AE11                        | 65.5<br>AF11                      | 16.0<br>AG11                         | 18.0<br>AH11                         | 8.32<br>AI11                         | 10.22<br>AJ11                          | Oídio<br>AK11 |  |
|  | 8.0<br>B12                    |  | 3.0<br>AB12                 | C1<br>AC12                   | 12.81<br>AD12                          | 19.75<br>AE12                        | 67.0<br>AF12                      | 15.0<br>AG12                         | 25.2<br>AH12                         | 9.17<br>AI12                         | 12.1<br>AJ12                           | Oídio<br>AK12 |  |
|  | 9.0<br>B13                    |  | 4.0<br>AB13                 | C1<br>AC13                   | 12.17<br>AD13                          | 19.06<br>AE13                        | 70.5<br>AF13                      | 16.0<br>AG13                         | 23.7<br>AH13                         | 7.81<br>AI13                         | 11.65<br>AJ13                          | Oídio<br>AK13 |  |

|  |             |  |             |               |                                           |                                           |                                          |                                         |                                          |                                          |                                           |               |  |
|--|-------------|--|-------------|---------------|-------------------------------------------|-------------------------------------------|------------------------------------------|-----------------------------------------|------------------------------------------|------------------------------------------|-------------------------------------------|---------------|--|
|  | 10.0<br>B14 |  |             | Media<br>AC14 | 12.4775<br>AD14<br>=AVERAGE (AD10 : AD13) | 18.3225<br>AE14<br>=AVERAGE (AE10 : AE13) | 68.75<br>AF14<br>=AVERAGE (AF10 : AF13)  | 15.75<br>AG14<br>=AVERAGE (AG10 : AG13) | 23.775<br>AH14<br>=AVERAGE (AH10 : AH13) | 8.145<br>AI14<br>=AVERAGE (AI10 : AI13)  | 11.24<br>AJ14<br>=AVERAGE (AJ10 : AJ13)   |               |  |
|  |             |  | 1.0<br>AB15 | C2<br>AC15    | 10.26<br>AD15                             | 21.83<br>AE15                             | 63.5<br>AF15                             | 15.0<br>AG15                            | 25.9<br>AH15                             | 7.05<br>AI15                             | 11.49<br>AJ15                             | Oídio<br>AK15 |  |
|  | 21.0<br>B16 |  | 2.0<br>AB16 | C2<br>AC16    | 10.25<br>AD16                             | 23.12<br>AE16                             | 67.0<br>AF16                             | 15.0<br>AG16                            | 22.4<br>AH16                             | 7.9<br>AI16                              | 11.14<br>AJ16                             | Oídio<br>AK16 |  |
|  | 22.0<br>B17 |  | 3.0<br>AB17 | C2<br>AC17    | 13.96<br>AD17                             | 20.56<br>AE17                             | 73.0<br>AF17                             | 16.0<br>AG17                            | 18.8<br>AH17                             | 10.4<br>AI17                             | 12.6<br>AJ17                              | Oídio<br>AK17 |  |
|  | 23.0<br>B18 |  | 4.0<br>AB18 | C2<br>AC18    | 14.49<br>AD18                             | 19.67<br>AE18                             | 71.0<br>AF18                             | 16.0<br>AG18                            | 37.0<br>AH18                             | 11.74<br>AI18                            | 11.93<br>AJ18                             | Oídio<br>AK18 |  |
|  | 24.0<br>B19 |  |             | Media<br>AC19 | 12.24<br>AD19<br>=AVERAGE (AD15 : AD18)   | 21.295<br>AE19<br>=AVERAGE (AE15 : AE18)  | 68.625<br>AF19<br>=AVERAGE (AF15 : AF18) | 15.5<br>AG19<br>=AVERAGE (AG15 : AG18)  | 26.025<br>AH19<br>=AVERAGE (AH15 : AH18) | 9.2725<br>AI19<br>=AVERAGE (AI15 : AI18) | 11.79<br>AJ19<br>=AVERAGE (AJ15 : AJ18)   |               |  |
|  | 25.0<br>B20 |  | 1.0<br>AB20 | N C1<br>AC20  | 12.2<br>AD20                              | 17.3<br>AE20                              | 65.8<br>AF20                             | 16.0<br>AG20                            | 22.5<br>AH20                             | 9.6<br>AI20                              | 16.77<br>AJ20                             |               |  |
|  | 26.0<br>B21 |  | 2.0<br>AB21 | N C1<br>AC21  | 13.08<br>AD21                             | 21.02<br>AE21                             | 70.0<br>AF21                             | 16.0<br>AG21                            | 22.0<br>AH21                             | 11.46<br>AI21                            | 12.3<br>AJ21                              |               |  |
|  | 27.0<br>B22 |  | 3.0<br>AB22 | N C1<br>AC22  | 14.02<br>AD22                             | 21.4<br>AE22                              | 64.0<br>AF22                             | 19.0<br>AG22                            | 23.9<br>AH22                             | 8.41<br>AI22                             | 11.77<br>AJ22                             |               |  |
|  | 28.0<br>B23 |  | 4.0<br>AB23 | N C1<br>AC23  | 13.1<br>AD23                              | 18.32<br>AE23                             | 67.0<br>AF23                             | 16.0<br>AG23                            | 23.1<br>AH23                             | 7.33<br>AI23                             | 12.55<br>AJ23                             |               |  |
|  | 29.0<br>B24 |  |             | Media<br>AC24 | 13.1<br>AD24<br>=AVERAGE (AD20 : AD23)    | 19.51<br>AE24<br>=AVERAGE (AE20 : AE23)   | 66.7<br>AF24<br>=AVERAGE (AF20 : AF23)   | 16.75<br>AG24<br>=AVERAGE (AG20 : AG23) | 22.875<br>AH24<br>=AVERAGE (AH20 : AH23) | 9.2<br>AI24<br>=AVERAGE (AI20 : AI23)    | 13.3475<br>AJ24<br>=AVERAGE (AJ20 : AJ23) |               |  |
|  | 30.0<br>B25 |  | 1.0<br>AB25 | N C2<br>AC25  | 14.85<br>AD25                             | 17.04<br>AE25                             | 63.4<br>AF25                             | 17.0<br>AG25                            | 27.0<br>AH25                             | 15.16<br>AI25                            | 19.13<br>AJ25                             |               |  |
|  |             |  | 2.0<br>AB26 | N C2<br>AC26  | 13.29<br>AD26                             | 17.83<br>AE26                             | 69.3<br>AF26                             | 16.0<br>AG26                            | 28.4<br>AH26                             | 12.16<br>AI26                            | 14.14<br>AJ26                             |               |  |
|  | 31.0<br>B27 |  | 3.0<br>AB27 | N C2<br>AC27  | 12.41<br>AD27                             | 14.34<br>AE27                             | 72.6<br>AF27                             | 14.0<br>AG27                            | 25.3<br>AH27                             | 10.29<br>AI27                            | 14.29<br>AJ27                             |               |  |
|  | 32.0<br>B28 |  | 4.0<br>AB28 | N C2<br>AC28  | 12.18<br>AD28                             | 18.14<br>AE28                             | 65.0<br>AF28                             | 15.0<br>AG28                            | 30.0<br>AH28                             | 6.61<br>AI28                             | 17.7<br>AJ28                              |               |  |
|  | 33.0<br>B29 |  |             | Media<br>AC29 | 13.1825<br>AD29<br>=AVERAGE (AD25 : AD28) | 16.8375<br>AE29<br>=AVERAGE (AE25 : AE28) | 67.575<br>AF29<br>=AVERAGE (AF25 : AF28) | 15.5<br>AG29<br>=AVERAGE (AG25 : AG28)  | 27.675<br>AH29<br>=AVERAGE (AH25 : AH28) | 11.055<br>AI29<br>=AVERAGE (AI25 : AI28) | 16.315<br>AJ29<br>=AVERAGE (AJ25 : AJ28)  |               |  |
|  | 34.0<br>B30 |  |             |               |                                           |                                           |                                          |                                         |                                          |                                          |                                           |               |  |
|  | 35.0<br>B31 |  |             |               |                                           |                                           |                                          |                                         |                                          |                                          |                                           |               |  |
|  | 36.0<br>B32 |  |             |               |                                           |                                           |                                          |                                         |                                          |                                          |                                           |               |  |
|  | 37.0<br>B33 |  |             |               |                                           |                                           |                                          |                                         |                                          |                                          |                                           |               |  |
|  | 38.0<br>B34 |  |             |               |                                           |                                           |                                          |                                         |                                          |                                          |                                           |               |  |
|  | 39.0<br>B35 |  |             |               |                                           |                                           |                                          |                                         |                                          |                                          |                                           |               |  |
|  | 40.0<br>B36 |  |             |               |                                           |                                           |                                          |                                         |                                          |                                          |                                           |               |  |
|  |             |  |             |               |                                           |                                           |                                          |                                         |                                          |                                          |                                           |               |  |

|  |             |  |  |  |  |  |  |  |  |  |  |  |  |
|--|-------------|--|--|--|--|--|--|--|--|--|--|--|--|
|  | 11.0<br>B38 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 12.0<br>B39 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 13.0<br>B40 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 14.0<br>B41 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 15.0<br>B42 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 16.0<br>B43 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 17.0<br>B44 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 18.0<br>B45 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 19.0<br>B46 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 20.0<br>B47 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |             |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 41.0<br>B49 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 42.0<br>B50 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 43.0<br>B51 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 44.0<br>B52 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 45.0<br>B53 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 46.0<br>B54 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 47.0<br>B55 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 48.0<br>B56 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 49.0<br>B57 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 50.0<br>B58 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |             |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 51.0<br>B60 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 52.0<br>B61 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 53.0<br>B62 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 54.0<br>B63 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 55.0<br>B64 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 56.0<br>B65 |  |  |  |  |  |  |  |  |  |  |  |  |



**Tabla 4**

|  |             |  |  |  |  |  |  |  |  |  |  |  |  |
|--|-------------|--|--|--|--|--|--|--|--|--|--|--|--|
|  | 27.0<br>B22 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 28.0<br>B23 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 29.0<br>B24 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 30.0<br>B25 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |             |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 31.0<br>B27 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 32.0<br>B28 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 33.0<br>B29 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 34.0<br>B30 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 35.0<br>B31 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 36.0<br>B32 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 37.0<br>B33 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 38.0<br>B34 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 39.0<br>B35 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 40.0<br>B36 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |             |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 11.0<br>B38 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 12.0<br>B39 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 13.0<br>B40 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 14.0<br>B41 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 15.0<br>B42 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 16.0<br>B43 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 17.0<br>B44 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 18.0<br>B45 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 19.0<br>B46 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 20.0<br>B47 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |             |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 41.0<br>B49 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 42.0<br>B50 |  |  |  |  |  |  |  |  |  |  |  |  |

|  |                                         |  |  |  |  |  |  |  |  |  |  |  |  |
|--|-----------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|
|  | 43.0<br>B51                             |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 44.0<br>B52                             |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 45.0<br>B53                             |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 46.0<br>B54                             |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 47.0<br>B55                             |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 48.0<br>B56                             |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 49.0<br>B57                             |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 50.0<br>B58                             |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                                         |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 51.0<br>B60                             |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 52.0<br>B61                             |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 53.0<br>B62                             |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 54.0<br>B63                             |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 55.0<br>B64                             |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 56.0<br>B65                             |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 57.0<br>B66                             |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 58.0<br>B67                             |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 59.0<br>B68                             |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 60.0<br>B69                             |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                                         |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Guisantes 1 en sustrato, resumen<br>B72 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Código de tratamiento<br>B73            |  |  |  |  |  |  |  |  |  |  |  |  |
|  | K<br>B74                                |  |  |  |  |  |  |  |  |  |  |  |  |
|  | C1<br>B75                               |  |  |  |  |  |  |  |  |  |  |  |  |
|  | C2<br>B76                               |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK<br>B77                              |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NPK C1<br>B78                           |  |  |  |  |  |  |  |  |  |  |  |  |



|  |             |  |  |  |  |  |  |
|--|-------------|--|--|--|--|--|--|
|  | 3.0<br>B7   |  |  |  |  |  |  |
|  | 4.0<br>B8   |  |  |  |  |  |  |
|  | 5.0<br>B9   |  |  |  |  |  |  |
|  | 6.0<br>B10  |  |  |  |  |  |  |
|  | 7.0<br>B11  |  |  |  |  |  |  |
|  | 8.0<br>B12  |  |  |  |  |  |  |
|  | 9.0<br>B13  |  |  |  |  |  |  |
|  | 10.0<br>B14 |  |  |  |  |  |  |
|  |             |  |  |  |  |  |  |
|  | 21.0<br>B16 |  |  |  |  |  |  |
|  | 22.0<br>B17 |  |  |  |  |  |  |
|  | 23.0<br>B18 |  |  |  |  |  |  |
|  | 24.0<br>B19 |  |  |  |  |  |  |
|  | 25.0<br>B20 |  |  |  |  |  |  |
|  | 26.0<br>B21 |  |  |  |  |  |  |
|  | 27.0<br>B22 |  |  |  |  |  |  |
|  | 28.0<br>B23 |  |  |  |  |  |  |
|  | 29.0<br>B24 |  |  |  |  |  |  |
|  | 30.0<br>B25 |  |  |  |  |  |  |
|  |             |  |  |  |  |  |  |
|  | 31.0<br>B27 |  |  |  |  |  |  |
|  | 32.0<br>B28 |  |  |  |  |  |  |
|  | 33.0<br>B29 |  |  |  |  |  |  |
|  | 34.0<br>B30 |  |  |  |  |  |  |
|  | 35.0<br>B31 |  |  |  |  |  |  |
|  | 36.0<br>B32 |  |  |  |  |  |  |
|  | 37.0<br>B33 |  |  |  |  |  |  |
|  | 38.0<br>B34 |  |  |  |  |  |  |

|  |             |  |  |  |  |  |  |
|--|-------------|--|--|--|--|--|--|
|  | 39.0<br>B35 |  |  |  |  |  |  |
|  | 40.0<br>B36 |  |  |  |  |  |  |
|  |             |  |  |  |  |  |  |
|  | 11.0<br>B38 |  |  |  |  |  |  |
|  | 12.0<br>B39 |  |  |  |  |  |  |
|  | 13.0<br>B40 |  |  |  |  |  |  |
|  | 14.0<br>B41 |  |  |  |  |  |  |
|  | 15.0<br>B42 |  |  |  |  |  |  |
|  | 16.0<br>B43 |  |  |  |  |  |  |
|  | 17.0<br>B44 |  |  |  |  |  |  |
|  | 18.0<br>B45 |  |  |  |  |  |  |
|  | 19.0<br>B46 |  |  |  |  |  |  |
|  | 20.0<br>B47 |  |  |  |  |  |  |
|  |             |  |  |  |  |  |  |
|  | 41.0<br>B49 |  |  |  |  |  |  |
|  | 42.0<br>B50 |  |  |  |  |  |  |
|  | 43.0<br>B51 |  |  |  |  |  |  |
|  | 44.0<br>B52 |  |  |  |  |  |  |
|  | 45.0<br>B53 |  |  |  |  |  |  |
|  | 46.0<br>B54 |  |  |  |  |  |  |
|  | 47.0<br>B55 |  |  |  |  |  |  |
|  | 48.0<br>B56 |  |  |  |  |  |  |
|  | 49.0<br>B57 |  |  |  |  |  |  |
|  | 50.0<br>B58 |  |  |  |  |  |  |
|  |             |  |  |  |  |  |  |
|  | 51.0<br>B60 |  |  |  |  |  |  |
|  | 52.0<br>B61 |  |  |  |  |  |  |
|  | 53.0<br>B62 |  |  |  |  |  |  |
|  | 54.0<br>B63 |  |  |  |  |  |  |





## Hoja de cálculo: Diseño del ensayo

### Tabla 5

[illegible]

### Tabla 1

### Tabla 5

|  |  |  |          |            |            |           |  |  |            |            |               |               |           |
|--|--|--|----------|------------|------------|-----------|--|--|------------|------------|---------------|---------------|-----------|
|  |  |  | I<br>AB3 | II<br>AC3  | III<br>AD3 | IV<br>AE3 |  |  |            |            |               |               |           |
|  |  |  |          | 0.0<br>AC4 |            |           |  |  |            |            |               |               |           |
|  |  |  |          |            |            |           |  |  | IV<br>AH5  |            |               |               |           |
|  |  |  |          |            |            |           |  |  | III<br>AH6 |            |               |               |           |
|  |  |  |          |            |            |           |  |  | II<br>AH7  |            |               |               |           |
|  |  |  |          |            |            |           |  |  | I<br>AH8   |            |               |               |           |
|  |  |  |          |            |            |           |  |  |            | NPK<br>AI9 | NPK C1<br>AI9 | NPK C2<br>AK9 | C1<br>AI9 |

### Tabla 1