

AREI trial data workbook

The supplied spreadsheet with crop-trial tables and underlying recorded values.

Full text and tables in the selected language. Automatic translation with terminology and numerical checks; not a certified translation. Author statements, including disputed claims, are retained. Editorial notes are separate.

All worksheets, source cell addresses and cached formula results are included. Formulas are shown as text and are not recalculated.

Editorial note

Workbook values require a documented analysis plan; do not convert them into guarantees or pooled crop claims.

[NanoImport — Editorial note ↗](#)

Worksheet: beetroot

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

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

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

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

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

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

		2.0 C140	49.0 D140	0.125 E140	0.26 F140	8.6 G140	10.0 H140	0.0 I140	0.0 J140	33.0 K140	6.26 L140	26.0 M140	0.84 N140
		3.0 C141	43.0 D141	0.09 E141	0.17 F141	8.8 G141	10.8 H141						
		4.0 C142	41.0 D142	0.1 E142	0.36 F142	6.5 G142	12.4 H142						
		5.0 C143	49.0 D143	0.125 E143	0.39 F143	8.5 G143	10.8 H143						
	per replicate B144		46.2 D144 =AVERAGE(D139:D143)	0.127 E144 =AVERAGE(E139:E143)	0.321 F144 =AVERAGE(F139:F143)	7.9 G144 =AVERAGE(G139:G143)	10.96 H144 =AVERAGE(H139:H143)						
	III B145	1.0 C145	50.0 D145	0.1 E145	0.2 F145	7.3 G145	11.8 H145	4.0 I145	2.94 J145	17.0 K145	2.455 L145	12.0 M145	0.34 N145
		2.0 C146	47.0 D146	0.185 E146	0.34 F146	6.9 G146	11.9 H146	1.0 I146	0.575 J146	30.0 K146	5.825 L146	19.0 M146	0.46 N146
		3.0 C147	40.0 D147	0.185 E147	0.32 F147	8.2 G147	12.3 H147						
		4.0 C148	45.0 D148	0.13 E148	0.3 F148	7.9 G148	12.9 H148						
		5.0 C149	45.0 D149	0.13 E149	0.26 F149	8.0 G149	12.8 H149						
	per replicate B150		45.4 D150 =AVERAGE(D145:D149)	0.146 E150 =AVERAGE(E145:E149)	0.284 F150 =AVERAGE(F145:F149)	7.66 G150 =AVERAGE(G145:G149)	12.34 H150 =AVERAGE(H145:H149)						
	IV B151	1.0 C151	49.0 D151	0.165 E151	0.39 F151	8.7 G151	11.0 H151	4.0 I151	2.94 J151	17.0 K151	2.455 L151	12.0 M151	0.34 N151
		2.0 C152	48.0 D152	0.085 E152	0.28 F152	8.2 G152	11.8 H152	1.0 I152	0.575 J152	30.0 K152	5.825 L152	19.0 M152	0.46 N152
		3.0 C153	50.0 D153	0.145 E153	0.315 F153	8.5 G153	11.3 H153						
		4.0 C154	46.0 D154	0.15 E154	0.34 F154	8.2 G154	11.6 H154						
		5.0 C155	50.0 D155	0.14 E155	0.45 F155	7.8 G155	11.7 H155						
	per replicate B156		48.6 D156 =AVERAGE(D151:D155)	0.137 E156 =AVERAGE(E151:E155)	0.355 F156 =AVERAGE(F151:F155)	8.28 G156 =AVERAGE(G151:G155)	11.48 H156 =AVERAGE(H151:H155)						
	per treatment B157		45.7 D157 =SUM(D138+D144+D150+D156)/4	0.12925 E157 =SUM(E138+E144+E150+E156)/4	0.30325 F157 =SUM(F138+F144+F150+F156)/4	7.74 G157 =SUM(G138+G144+G150+G156)/4	11.435 H157 =SUM(H138+H144+H150+H156)/4	3 I157 =AVERAGE(I133:I156)	1.77875 J157 =AVERAGE(J133:J156)	22.75 K157 =AVERAGE(K133:K156)	3.920625 L157 =AVERAGE(L133:L156)	17.125 M157 =AVERAGE(M133:M156)	0.511875 N157 =AVERAGE(N133:N156)
	Table beetroot yield, kg per 2 m², SPC, 2025 B159												
Treatment No. A160	Treatment code B160	I C160	II D160	III E160	IV F160	Mean G160	vs K H160						Treatment code N160
1.0 A161	NPK 0 B161	9.88 C161 =013	7.61 D161 =019	6.74 E161 =025	10.465 F161 =031	8.67375 G161 =AVERAGE(C161:F161)		9.879999999999999 I161	7.609999999999999 J161	6.74 K161	10.465000000000000 L161		NPK 0 N161

3.0 A162	NPK0 C1 B162	10.49 C162 =063	8.82 D162 =069	8.505 E162 =075	11.03 F162 =081	9.71125 G162 =AVERAGE (C162:F162)	1.0375 H162 =G162-\$G\$161	10.489999999999999 I162	8.82 J162	8.504999999999999 K162	11.03 L162		NPK0 C1 N162
4.0 A163	NPK0 C2 B163	10.585 C163 =088	10.98 D163 =094	12.42 E163 =0100	11.2 F163 =0106	11.29625 G163 =AVERAGE (C163:F163)	2.6225 H163 =G163-\$G\$161	10.585 I163	10.98 J163	12.42 K163	11.2 L163		NPK0 C2 N163
2.0 A164	NPK B164	14.565 C164 =038	10.12 D164 =044	11.295 E164 =050	11.785 F164 =056	11.94125 G164 =AVERAGE (C164:F164)		14.565000000000000 I164	10.120000000000000 J164	11.295 K164	11.785 L164		NPK N164
5.0 A165	NPK C1 B165	14.36 C165 =0113	12.175 D165 =0119	9.45 E165 =0125	16.08 F165 =0131	13.01625 G165 =AVERAGE (C165:F165)	1.075 H165 =G165-\$G\$164	14.36 I165	12.174999999999999 J165	9.450000000000000 K165	16.08 L165		NPK C1 N165
6.0 A166	NPK C2 B166	13.74 C166 =0138	10.76 D166 =0144	12.595 E166 =0150	12.595 F166 =0156	12.4225 G166 =AVERAGE (C166:F166)	0.48125 H166 =G166-\$G\$164	13.739999999999999 I166	10.76 J166	12.594999999999999 K166	12.594999999999999 L166		NPK C2 N166
													RS0.05 N167
Treatment No. A170	Treatment code B170	Leaf length, cm (at harvest, mean of 5 beetroots) C170				Mean G170	vs K, % H170	vs K, cm I170			Treatment No. L170	Treatment code M170	Root diameter, cm (at harvest, mean of 5 beetroots) N170
1.0 A171	NPK 0 B171	43.8 C171	37.2 D171	41.2 E171	38.2 F171	40.1 G171 =AVERAGE (C171:F171)					1.0 L171	NPK 0 M171	7.3 N171
3.0 A172	NPK0 C1 B172	42.2 C172	44.0 D172	46.4 E172	47.0 F172	44.9 G172 =AVERAGE (C172:F172)	111.9700748 H172 =G172/\$G\$171*100	4.8 I172 =G172-\$G\$171			3.0 L172	NPK0 C1 M172	7.4 N172
4.0 A173	NPK0 C2 B173	41.4 C173	44.4 D173	40.2 E173	42.0 F173	42 G173 =AVERAGE (C173:F173)	104.7381546 H173 =G173/\$G\$171*100	1.9 I173 =G173-\$G\$171			4.0 L173	NPK0 C2 M173	7.1 N173
2.0 A174	NPK B174	41.0 C174	44.2 D174	39.4 E174	41.6 F174	41.55 G174 =AVERAGE (C174:F174)					2.0 L174	NPK M174	7.0 N174
5.0 A175	NPK C1 B175	46.6 C175	47.4 D175	43.0 E175	47.2 F175	46.05 G175 =AVERAGE (C175:F175)	110.8303249 H175 =G175/\$G\$174*100	4.5 I175 =G175-\$G\$174			5.0 L175	NPK C1 M175	7.5 N175
6.0 A176	NPK C2 B176	42.6 C176	46.2 D176	45.4 E176	48.6 F176	45.7 G176 =AVERAGE (C176:F176)	109.9879663 H176 =G176/\$G\$174*100	4.15 I176 =G176-\$G\$174			6.0 L176	NPK C2 M176	7.1 N176
							Deviation from mean H177	3.397 I177					
Treatment No. A180	Treatment code B180	Leaf weight, kg (at harvest, mean of 5 beetroots) C180				Mean G180	vs K, % H180	vs K, kg I180			Treatment No. L180	Treatment code M180	Brix, % (at harvest, mean of 5 beetroots) N180

1.0 A181	NPK 0 B181	0.097 C181	0.062 D181	0.075000000000000 01 E181	0.071 F181	0.07625 G181 =AVERAGE (C181:F181)					1.0 L181	NPK 0 M181	9.1 N181
3.0 A182	NPK0 C1 B182	0.092 C182	0.074000000000000 01 D182	0.076 E182	0.095 F182	0.08425 G182 =AVERAGE (C182:F182)	110.4918033 H182 =G182/\$G\$181*100	0.008 I182 =G182-\$G\$181			3.0 L182	NPK0 C1 M182	10.7 N182
4.0 A183	NPK0 C2 B183	0.122 C183	0.318999999999999 95 D183	0.099 E183	0.124000000000000 03 F183	0.166 G183 =AVERAGE (C183:F183)	217.704918 H183 =G183/\$G\$181*100	0.08975 I183 =G183-\$G\$181			4.0 L183	NPK0 C2 M183	12.0 N183
2.0 A184	NPK B184	0.085 C184	0.106000000000000 01 D184	0.078999999999999 99 E184	0.081 F184	0.08775 G184 =AVERAGE (C184:F184)					2.0 L184	NPK M184	11.0 N184
5.0 A185	NPK C1 B185	0.110999999999999 99 C185	0.106999999999999 98 D185	0.111000000000000 02 E185	0.119 F185	0.112 G185 =AVERAGE (C185:F185)	127.6353276 H185 =G185/\$G\$184*100	0.02425 I185 =G185-\$G\$184			5.0 L185	NPK C1 M185	12.5 N185
6.0 A186	NPK C2 B186	0.106999999999999 98 C186	0.127 D186	0.146000000000000 02 E186	0.137 F186	0.12925 G186 =AVERAGE (C186:F186)	147.2934473 H186 =G186/\$G\$184*100	0.0415 I186 =G186-\$G\$184			6.0 L186	NPK C2 M186	11.0 N186
							Deviation from mean H187	0.065 I187					
Treatment No. A189	Treatment code B189	Root weight, kg (at harvest, mean of 5 beetroots) C189				Mean G189	vs K, % H189	vs K, kg I189					
1.0 A190	NPK 0 B190	0.200999999999999 98 C190	0.16 D190	0.156 E190	0.219 F190	0.184 G190 =AVERAGE (C190:F190)							
3.0 A191	NPK0 C1 B191	0.224000000000000 03 C191	0.211 D191	0.212000000000000 02 E191	0.215 F191	0.2155 G191 =AVERAGE (C191:F191)	117.1195652 H191 =G191/\$G\$190*100	0.0315 I191 =G191-\$G\$190					
4.0 A192	NPK0 C2 B192	0.254 C192	0.252 D192	0.257 E192	0.242 F192	0.25125 G192 =AVERAGE (C192:F192)	136.548913 H192 =G192/\$G\$190*100	0.06725 I192 =G192-\$G\$190					
2.0 A193	NPK B193	0.228000000000000 04 C193	0.203 D193	0.208000000000000 02 E193	0.198 F193	0.20925 G193 =AVERAGE (C193:F193)							
5.0 A194	NPK C1 B194	0.299000000000000 04 C194	0.281 D194	0.257 E194	0.298000000000000 04 F194	0.28375 G194 =AVERAGE (C194:F194)	135.6033453 H194 =G194/\$G\$193*100	0.0745 I194 =G194-\$G\$193					
6.0 A195	NPK C2 B195	0.253 C195	0.321 D195	0.284000000000000 03 E195	0.355000000000000 04 F195	0.30325 G195 =AVERAGE (C195:F195)	144.9223417 H195 =G195/\$G\$193*100	0.094 I195 =G195-\$G\$193					
							Deviation from mean H196	0.036 I196					

Table 1													
	Beetroot yield in Stende, 2025 B1												
	Crop B2												
	Field B3												
	Sown B4												
	Harvested B5												
		Weight, kg O6											
		per row O7											
Treatment 1 A8	I B8	5.22 O8 =SUM(J8+L8+N8)	Row 1 P8										
		4.66 O9 =SUM(J9+L9+N9)	Row 2 P9										
	per replicate B13	9.88 O13 =SUM(O8:O12)											
	II B14	2.325 O14 =SUM(J14+L14+N14)											
		5.285 O15 =SUM(J15+L15+N15)											
	per replicate B19	7.61 O19 =SUM(O14:O18)											
	III B20	1.215 O20 =SUM(J20+L20+N20)											
		5.525 O21 =SUM(J21+L21+N21)											
	per replicate B25	6.74 O25 =SUM(O20:O24)											
	IV B26	3.43 O26 =SUM(J26+L26+N26)											
		7.035 O27 =SUM(J27+L27+N27)											

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

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

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

	per replicate B125	9.45 O125 =SUM(0120:0124)											
	IV B126	6.55 O126 =SUM(J126+L126+N126)											
		9.53 O127 =SUM(J127+L127+N127)											
	per replicate B131	16.08 O131 =SUM(0126:0130)											
	per treatment B132	13.01625 O132 =SUM(0113+0119+0125+0131)/4											
Treatment 6 A133	I B133	5.69 O133 =SUM(J133+L133+N133)											
		8.05 O134 =SUM(J134+L134+N134)											
					Large R135			Medium U135			Small X135		
					pcs. R136	kg S136	% of total count T136	pcs. U136	kg V136	% of total count W136	pcs. X136	kg Y136	% of total count Z136
					1.875 R137	0.7293750000000000 1 S137	3.875968992 T137 =R137/AA137*100	19.625 U137	2.784375 V137	40.56847545 W137 =U137/AA137*100	26.875 X137	0.823125 Y137	55.55555556 Z137 =X137/AA137*100
	per replicate B138	13.74 O138 =SUM(0133:0137)			3.0 R138	1.435 S138	5.896805897 T138 =R138/AA138*100	24.0 U138	3.9037500000000000 5 V138	47.17444717 W138 =U138/AA138*100	23.875 X138	0.631875 Y138	46.92874693 Z138 =X138/AA138*100
	II B139	3.66 O139 =SUM(J139+L139+N139)			1.375 R139	0.679375 S139	2.702702703 T139 =R139/AA139*100	20.875 U139	3.14875 V139	41.03194103 W139 =U139/AA139*100	28.625 X139	1.0275 Y139	56.26535627 Z139 =X139/AA139*100
		7.1 O140 =SUM(J140+L140+N140)			2.0 R140	0.9125 S140	3.644646925 T140 =R140/AA140*100	22.375 U140	3.59125 V140	40.77448747 W140 =U140/AA140*100	30.5 X140	1.144375 Y140	55.5808656 Z140 =X140/AA140*100
					3.75 R141	2.16125 S141	8.26446281 T141 =R141/AA141*100	19.625 U141	3.6468749999999999 6 V141	43.25068871 W141 =U141/AA141*100	22.0 X141	0.7 Y141	48.48484848 Z141 =X141/AA141*100
					2.4 R142 =AVERAGE(R118:R141)	1.1835 S142 =AVERAGE(S118:S141)	4.792810784 T142 =R142/AA142*100	21.3 U142 =AVERAGE(U118:U141)	3.415 V142 =AVERAGE(V118:V141)	42.53619571 W142 =U142/AA142*100	26.375 X142 =AVERAGE(X118:X141)	0.865375 Y142 =AVERAGE(Y118:Y141)	52.67099351 Z142 =X142/AA142*100
	per replicate B144	10.76 O144 =SUM(0139:0143)											
	III B145	5.735 O145 =SUM(J145+L145+N145)											

		6.86 O146 =SUM(J146+L146+N146)											
	per replicate B150	12.595 O150 =SUM(O145:O149)											
	IV B151	5.735 O151 =SUM(J151+L151+N151)											
		6.86 O152 =SUM(J152+L152+N152)											
	per replicate B156	12.595 O156 =SUM(O151:O155)											
	per treatment B157	12.4225 O157 =SUM(O138+O144+O150+O156)/4											
	Table beetroot yield, kg per 2 m², SPC, 2025 B159											ANOVA: Single Factor Y159	
Treatment No. A160	Treatment code B160	Table beetroot yield, t ha-1 O160				Mean S160	vs K, t ha-1 T160	vs K, % U160					
1.0 A161	NPK 0 B161	49.4 O161 =I161*10000/2/1000	38.05 P161 =J161*10000/2/1000	33.7 Q161 =K161*10000/2/1000	52.325 R161 =L161*10000/2/1000	41.35833333 S161 =AVERAGE(P161:R161)						SUMMARY Y161	
3.0 A162	NPK0 C1 B162	52.45 O162 =I162*10000/2/1000	44.1 P162 =J162*10000/2/1000	42.525 Q162 =K162*10000/2/1000	55.15 R162 =L162*10000/2/1000	47.25833333 S162 =AVERAGE(P162:R162)	5.9 T162 =S162-\$S\$161	114.2655652 U162 =S162/\$S\$161*100				Groups Y162	Count Z162
4.0 A163	NPK0 C2 B163	52.925 O163 =I163*10000/2/1000	54.9 P163 =J163*10000/2/1000	62.1 Q163 =K163*10000/2/1000	56 R163 =L163*10000/2/1000	57.66666667 S163 =AVERAGE(P163:R163)	16.30833333 T163 =S163-\$S\$161	139.4317953 U163 =S163/\$S\$161*100				Row 1 Y163	4.0 Z163
2.0 A164	NPK B164	72.825 O164 =I164*10000/2/1000	50.6 P164 =J164*10000/2/1000	56.475 Q164 =K164*10000/2/1000	58.925 R164 =L164*10000/2/1000	55.33333333 S164 =AVERAGE(P164:R164)						Row 2 Y164	4.0 Z164
5.0 A165	NPK C1 B165	71.8 O165 =I165*10000/2/1000	60.875 P165 =J165*10000/2/1000	47.25 Q165 =K165*10000/2/1000	80.4 R165 =L165*10000/2/1000	62.84166667 S165 =AVERAGE(P165:R165)	7.508333333 T165 =S165-\$S\$164	113.5692771 U165 =S165/\$S\$164*100				Row 3 Y165	4.0 Z165
6.0 A166	NPK C2 B166	68.7 O166 =I166*10000/2/1000	53.8 P166 =J166*10000/2/1000	62.975 Q166 =K166*10000/2/1000	62.975 R166 =L166*10000/2/1000	59.91666667 S166 =AVERAGE(P166:R166)	4.583333333 T166 =S166-\$S\$164	108.2831325 U166 =S166/\$S\$164*100				Row 4 Y166	4.0 Z166
							13.081 T167					Row 5 Y167	4.0 Z167
												Row 6 Y168	4.0 Z168

Treatment No. A170	Treatment code B170				Mean R170	vs K, % S170		vs K, cm U170					
1.0 A171	NPK 0 B171	6.1 O171	6.4 P171	7.4 Q171	6.8 R171 =AVERAGE(N171:Q171)							ANOVA Y171	
3.0 A172	NPK0 C1 B172	7.8 O172	7.8 P172	7.0 Q172	7.5 R172 =AVERAGE(N172:Q172)	110.2941176 S172 =R172/\$R\$171*100		0.7 U172 =R172-\$R\$171				Source of Variation Y172	SS Z172
4.0 A173	NPK0 C2 B173	6.8 O173	7.0 P173	6.7 Q173	6.9 R173 =AVERAGE(N173:Q173)	101.4705882 S173 =R173/\$R\$171*100		0.1 U173 =R173-\$R\$171				Between Groups Y173	1394.7092968750005 Z173
2.0 A174	NPK B174	7.0 O174	6.6 P174	7.1 Q174	6.925 R174 =AVERAGE(N174:Q174)							Within Groups Y174	1395.6954687499995 Z174
5.0 A175	NPK C1 B175	7.5 O175	7.4 P175	7.6 Q175	7.5 R175 =AVERAGE(N175:Q175)	108.3032491 S175 =R175/\$R\$174*100		0.575 U175 =R175-\$R\$174					
6.0 A176	NPK C2 B176	7.9 O176	7.7 P176	8.3 Q176	7.75 R176 =AVERAGE(N176:Q176)	111.9133574 S176 =R176/\$R\$174*100		0.825 U176 =R176-\$R\$174				Total Y176	2790.404765625 Z176
							Deviation from mean T177	0.577 U177					
												ANOVA: Single Factor X178	
Treatment No. A180	Treatment code B180				Mean R180	vs K, % S180		% U180				SUMMARY X180	
1.0 A181	NPK 0 B181	10.3 O181	10.6 P181	10.8 Q181	10.2 R181 =AVERAGE(N181:Q181)							Groups X181	Count Y181 Sum Z181
3.0 A182	NPK0 C1 B182	11.2 O182	10.7 P182	11.7 Q182	11.075 R182 =AVERAGE(N182:Q182)	108.5784314 S182 =R182/\$R\$181*100		0.875 U182 =R182-\$R\$181				Row 1 X182	4.0 Y182 160.4 Z182
4.0 A183	NPK0 C2 B183	11.1 O183	10.9 P183	8.8 Q183	10.7 R183 =AVERAGE(N183:Q183)	104.9019608 S183 =R183/\$R\$181*100		0.5 U183 =R183-\$R\$181				Row 2 X183	4.0 Y183 179.6 Z183
2.0 A184	NPK B184	10.8 O184	12.1 P184	12.6 Q184	11.625 R184 =AVERAGE(N184:Q184)							Row 3 X184	4.0 Y184 168.0 Z184
5.0 A185	NPK C1 B185	12.0 O185	11.6 P185	11.5 Q185	11.9 R185 =AVERAGE(N185:Q185)	102.3655914 S185 =R185/\$R\$184*100		0.275 U185 =R185-\$R\$184				Row 4 X185	4.0 Y185 166.2 Z185
6.0 A186	NPK C2 B186	11.0 O186	12.3 P186	11.5 Q186	11.45 R186 =AVERAGE(N186:Q186)	98.49462366 S186 =R186/\$R\$184*100		-0.175 U186 =R186-\$R\$184				Row 5 X186	4.0 Y186 184.2 Z186

							Deviation from mean T187	1.209 U187			Row 6 X187	4.0 Y187	182.8 Z187
Treatment No. A189	Treatment code B189												
1.0 A190	NPK 0 B190										ANOVA X190		
3.0 A191	NPK0 C1 B191										Source of Variation X191	SS Y191	df Z191
4.0 A192	NPK0 C2 B192										Between Groups X192	123.333333333333 3 Y192	5.0 Z192
2.0 A193	NPK B193										Within Groups X193	94.09999999999995 Y193	18.0 Z193
5.0 A194	NPK C1 B194												
6.0 A195	NPK C2 B195										Total X195	217.433333333332 8 Y195	23.0 Z195
											ANOVA: Single Factor X197		
	TA-28/25, 30.05.2025 B199										SUMMARY X199		
	Customer-assigned identification No. B200										Groups X200	Count Y200	Sum Z200
											Row 1 X201	4.0 Y201	0.305 Z201
	Beetroot B202										Row 2 X202	4.0 Y202	0.336999999999999 97 Z202
											Row 3 X203	4.0 Y203	0.663999999999999 9 Z203
											Row 4 X204	4.0 Y204	0.351000000000000 03 Z204
											Row 5 X205	4.0 Y205	0.447999999999999 95 Z205
											Row 6 X206	4.0 Y206	0.517 Z206
1.0 A207	NPK 0 B207												
3.0 A208	NPK0 C1 B208												
4.0 A209	NPK0 C2 B209										ANOVA X209		
2.0 A210	NPK B210										Source of Variation X210	SS Y210	df Z210
5.0 A211	NPK C1 B211										Between Groups X211	0.023217499999999 995 Y211	5.0 Z211

6.0 A212	NPK C2 B212										Within Groups X212	0.03398899999999 985 Y212	18.0 Z212
											Total X214	0.057206499999999 98 Y214	23.0 Z214
											ANOVA: Single Factor X216		
											SUMMARY X218		
											Groups X219	Count Y219	Sum Z219
											Row 1 X220	4.0 Y220	0.736 Z220
											Row 2 X221	4.0 Y221	0.862 Z221
											Row 3 X222	4.0 Y222	1.005 Z222
											Row 4 X223	4.0 Y223	0.837 Z223
											Row 5 X224	4.0 Y224	1.135000000000000 2 Z224
											Row 6 X225	4.0 Y225	1.213 Z225
											ANOVA X228		
											Source of Variation X229	SS Y229	df Z229
											Between Groups X230	0.042859333333333 346 Y230	5.0 Z230
											Within Groups X231	0.010672000000000 006 Y231	18.0 Z231
											Total X233	0.053531333333333 354 Y233	23.0 Z233
											ANOVA: Single Factor X236		
											SUMMARY X238		
											Groups X239	Count Y239	Sum Z239
											Row 1 X240	4.0 Y240	27.1999999999999 6 Z240
											Row 2 X241	4.0 Y241	30.0 Z241
											Row 3 X242	4.0 Y242	27.5999999999999 8 Z242

											Row 4 X243	4.0 Y243	27.70000000000000 3 Z243
											Row 5 X244	4.0 Y244	30.0 Z244
											Row 6 X245	4.0 Y245	31.0 Z245
											ANOVA X248		
											Source of Variation X249	SS Y249	df Z249
											Between Groups X250	3.212083333333333 Y250	5.0 Z250
											Within Groups X251	2.7175000000000001 Y251	18.0 Z251
											Total X253	5.929583333333334 Y253	23.0 Z253
									ANOVA: Single Factor V255				
									SUMMARY V257				
									Groups V258		Count X258	Sum Y258	Average Z258
									Row 1 V259		4.0 X259	40.8 Y259	10.2 Z259
									Row 2 V260		4.0 X260	44.3 Y260	11.075 Z260
									Row 3 V261		4.0 X261	42.8 Y261	10.7 Z261
									Row 4 V262		4.0 X262	46.5 Y262	11.625 Z262
									Row 5 V263		4.0 X263	47.6 Y263	11.9 Z263
									Row 6 V264		4.0 X264	45.8 Y264	11.45 Z264
									ANOVA V267				
									Source of Variation V268		SS X268	df Y268	MS Z268
									Between Groups V269		7.953333333333331 X269	5.0 Y269	1.590666666666666 2 Z269
									Within Groups V270		11.924999999999999 9 X270	18.0 Y270	0.6625 Z270
									Total V272		19.87833333333333 X272	23.0 Y272	

Table 1													
		Beetroot yield in Stende, 2025											
		B1											

	Crop B2						
	Field B3						
	Sown B4						
	Harvested B5						
Treatment 1 A8	I B8						
	per replicate B13						
	II B14						
	per replicate B19						
	III B20						
	per replicate B25						
	IV B26						
	per replicate B31						
	per treatment B32						
Treatment 2 A33	I B33						
	per replicate B38						
	II B39						
	per replicate B44						
	III B45						
	per replicate B50						
	IV B51						

	per replicate B56						
	per treatment B57						
Treatment 3 A58	I B58						
	per replicate B63						
	II B64						
	per replicate B69						
	III B70						
	per replicate B75						
	IV B76						
	per replicate B81						
	per treatment B82						
Treatment 4 A83	I B83						
	per replicate B88						
	II B89						
	per replicate B94						
	III B95						
	per replicate B100						
	IV B101						
	per replicate B106						
	per treatment B107						

Treatment 5 A108	I B108						
	per replicate B113						
	II B114						
	per replicate B119						
	III B120						
	per replicate B125						
	IV B126						
	per replicate B131						
	per treatment B132						
Treatment 6 A133	I B133						
		Total count, pcs. AA136	Total, kg AB136				
		48.375 AA137 =SUM(R137+U137+X137)	4.336875 AB137 =SUM(S137+V137+Y137)				
	per replicate B138	50.875 AA138 =SUM(R138+U138+X138)	5.970625 AB138 =SUM(S138+V138+Y138)				
	II B139	50.875 AA139 =SUM(R139+U139+X139)	4.855625 AB139 =SUM(S139+V139+Y139)				
		54.875 AA140 =SUM(R140+U140+X140)	5.648125 AB140 =SUM(S140+V140+Y140)				
		45.375 AA141 =SUM(R141+U141+X141)	6.508125 AB141 =SUM(S141+V141+Y141)				
		50.075 AA142 =SUM(R142+U142+X142)	5.463875 AB142 =SUM(S142+V142+Y142)				
	per replicate B144						
	III B145						
	per replicate B150						

	IV B151						
	per replicate B156						
	per treatment B157						
	Table beetroot yield, kg per 2 m², SPC, 2025 B159						
Treatment No. A160	Treatment code B160						
1.0 A161	NPK 0 B161						
3.0 A162	NPK0 C1 B162	Sum AA162	Average AB162	Variance AC162			
4.0 A163	NPK0 C2 B163	173.475 AA163	43.36875 AB163	79.45473958333362 AC163			
2.0 A164	NPK B164	194.225 AA164	48.55625 AB164	38.29098958333331 AC164			
5.0 A165	NPK C1 B165	225.925 AA165	56.48125 AB165	15.649739583333329 AC165			
6.0 A166	NPK C2 B166	238.825 AA166	59.70625 AB166	88.6922395833335 AC166			
		260.325 AA167	65.08125 AB167	205.15057291666622 AC167			
		248.44999999999996 AA168	62.11249999999999 AB168	37.99354166666663 AC168			
Treatment No. A170	Treatment code B170						
1.0 A171	NPK 0 B171						
3.0 A172	NPK0 C1 B172	df AA172	MS AB172	F AC172	P-value AD172	F crit AE172	
4.0 A173	NPK0 C2 B173	5.0 AA173	278.9418593750001 AB173	3.597456308464499 AC173	0.019754897640893988 AD173	2.77285315299783 AE173	4.4028013 AF173 =SQRT (AB174/4)
2.0 A174	NPK B174	18.0 AA174	77.53863715277775 AB174				
5.0 A175	NPK C1 B175						6.226501311 AF175 =SQRT (2) *AF173
6.0 A176	NPK C2 B176	23.0 AA176					13.08139384 AF176 =TINV (0.05 ,AA174) *AF175
Treatment No. A180	Treatment code B180						
1.0 A181	NPK 0 B181	Average AA181	Variance AB181				
3.0 A182	NPK0 C1 B182	40.1 AA182	8.97333333333332 AB182				
4.0 A183	NPK0 C2 B183	44.9 AA183	4.919999999999994 AB183				

2.0 A184	NPK B184	42.0 AA184	3.119999999999995 AB184				
5.0 A185	NPK C1 B185	41.55 AA185	3.983333333333341 AB185				
6.0 A186	NPK C2 B186	46.05 AA186	4.250000000000001 AB186				
		45.7 AA187	6.120000000000001 AB187				
Treatment No. A189	Treatment code B189						
1.0 A190	NPK 0 B190						
3.0 A191	NPK0 C1 B191	MS AA191	F AB191	P-value AC191	F crit AD191		
4.0 A192	NPK0 C2 B192	24.666666666666664 AA192	4.7183846971307135 AB192	0.0062760657457942 AC192	2.77285315299783 AD192	1.143216709 AE192 =SQRT (AA193/4)	
2.0 A193	NPK B193	5.22777777777775 AA193					
5.0 A194	NPK C1 B194					1.616752575 AE194 =SQRT (2) *AE192	
6.0 A195	NPK C2 B195					3.396671119 AE195 =TINV (0.05, Z193) *AE194	
	TA-28/25, 30.05.2025 B199						
	Customer-assigned identification No. B200	Average AA200	Variance AB200				
		0.07625 AA201	0.00022091666666666787 AB201				
	Beetroot B202	0.08424999999999999 AA202	0.00011625000000000292 AB202				
		0.16599999999999998 AA203	0.010532666666666657 AB203				
		0.08775000000000001 AA204	0.00015424999999999814 AB204				
		0.11199999999999999 AA205	2.533333333333336e-05 AB205				
		0.12925 AA206	0.00028025000000000505 AB206				
1.0 A207	NPK 0 B207						
3.0 A208	NPK0 C1 B208						
4.0 A209	NPK0 C2 B209						
2.0 A210	NPK B210	MS AA210	F AB210	P-value AC210	F crit AD210		
5.0 A211	NPK C1 B211	0.0046434999999999999 AA211	2.4591191267763106 AB211	0.07258289240782158 AC211	2.77285315299783 AD211	0.02172715914 AE211 =SQRT (AA212/4)	

6.0 A212	NPK C2 B212	0.0018882777777777 AA212					
						0.03072684313 AE213 =SQRT(2)*AE211	
						0.06455470196 AE214 =TINV(0.05,Z212)*AE213	
		Average AA219	Variance AB219				
		0.184 AA220	0.000957999999999959 AB220				
		0.2155 AA221	3.500000000000015e-05 AB221				
		0.25125 AA222	4.225000000000008e-05 AB222				
		0.20925 AA223	0.00017291666666667 AB223				
		0.2837500000000006 AA224	0.0003862500000000074 AB224				
		0.30325 AA225	0.00196291666666666 AB225				
		MS AA229	F AB229	P-value AC229	F crit AD229		
		0.00857186666666669 AA230	14.457796101949022 AB230	9.122691996504591e-06 AC230	2.77285315299783 AD230	0.01217465491 AE230 =SQRT(AA231/4)	
		0.00059288888888892 AA231					
						0.01721756209 AE232 =SQRT(2)*AE230	
						0.03617275568 AE233 =TINV(0.05,Z231)*AE232	
		Average AA239	Variance AB239				
		6.799999999999999 AA240	0.42000000000000015 AB240				
		7.5 AA241	0.1466666666666658 AB241				
		6.899999999999995 AA242	0.0333333333333328 AB242				
		6.925000000000001 AA243	0.049166666666667 AB243				
		7.5 AA244	0.0066666666666619 AB244				
		7.75 AA245	0.25000000000000044 AB245				
		MS AA249	F AB249	P-value AC249	F crit AD249		

		0.6424166666666666 AA250	4.255197792088315 AB250	0.009926178291078318 AC250	2.77285315299783 AD250	0.1942757204 AE250 =SQRT(AA251/4)	
		0.1509722222222229 AA251					
						0.2747473587 AE252 =SQRT(2)*AE250	
						0.5772227814 AE253 =TINV(0.05,Z251)*AE252	
		Variance AA258					
		0.5800000000000005 AA259					
		0.2291666666666666 AA260					
		1.8333333333333524 AA261					
		0.749166666666666 AA262					
		0.2066666666666675 AA263					
		0.376666666666671 AA264					
		F AA268	P-value AB268	F crit AC268			
		2.4010062893081754 AA269	0.07785755194524464 AB269	2.77285315299783 AC269	0.4069705149 AD269 =SQRT(Z270/4)		
					0.5755432217 AD271 =SQRT(2)*AD269		
					1.209171439 AD272 =TINV(0.05,Y270)*AD271		

Worksheet: lettuce

Table 2													
	Greenhouse B1												
	Planted 7.08.2025. B2												
	Harvesting fresh biomass and washing roots B3				06.09.2025./09.09.2025. F3								
	Measurements and observations, lettuce B5												
	Plants B6	Treatment code C6	Fresh biomass per plant, g D6	Dry matter per plant, % (Cabinet Regulation No. 518) E6	Leaf length, cm F6	Leaf count, pcs. G6	Root collar diameter, mm H6	Root length, cm I6	Protein in dry matter, % (elemental analysis, dry combustion) J6	Crude fibre in dry matter, % (ISO 5498:1981) K6	Potassium in dry matter, % (LVS EN ISO 6869:2002) L6	Calcium in dry matter, % (GOST 26570-95) M6	Magnesium in dry matter, % (GOST 26570-95) N6
	1.0 B7	K 1 C7	1.05 D7	14.29 E7	5.0 F7	5.0 G7	0.25 H7	11.0 I7					
	2.0 B8	K 2 C8	1.37 D8	15.33 E8	5.0 F8	5.0 G8	0.2 H8	9.0 I8					
	3.0 B9	K 3 C9	0.62 D9	11.29 E9	4.0 F9	5.0 G9	0.2 H9	15.0 I9					
	4.0 B10	K 4 C10	1.02 D10	10.78 E10	4.0 F10	5.0 G10	0.2 H10	14.0 I10					
	5.0 B11	K 5 C11	1.48 D11	12.84 E11	4.5 F11	5.0 G11	0.2 H11	11.5 I11					
	6.0 B12	K 6 C12	1.46 D12	14.38 E12	4.5 F12	5.0 G12	0.25 H12	10.5 I12					
	7.0 B13	K 7 C13	1.52 D13	9.21 E13	4.5 F13	6.0 G13	0.25 H13	14.0 I13					
	8.0 B14	K 8 C14	0.82 D14	13.41 E14	4.0 F14	5.0 G14	0.2 H14	11.5 I14					
	9.0 B15	K 9 C15	1.46 D15	14.38 E15	4.5 F15	5.0 G15	0.25 H15	17.0 I15					
	10.0 B16	K 10 C16	0.94 D16	15.96 E16	4.0 F16	5.0 G16	0.2 H16	14.5 I16					
		Mean C17	1.174 D17 =AVERAGE(D7:D16)	13.187 E17 =AVERAGE(E7:E16)	4.4 F17 =AVERAGE(F7:F16)	5.1 G17 =AVERAGE(G7:G16)	0.22 H17 =AVERAGE(H7:H16)	12.8 I17 =AVERAGE(I7:I16)	15.74 J17	none K17	3.42 L17	1.32 M17	0.23 N17
	21.0 B18	C1 1 C18	0.94 D18	12.77 E18	4.0 F18	4.0 G18	0.2 H18	10.5 I18					
	22.0 B19	C1 2 C19	1.42 D19	15.49 E19	4.5 F19	5.0 G19	0.25 H19	9.0 I19					
	23.0 B20	C1 3 C20	1.47 D20	12.93 E20	4.5 F20	5.0 G20	0.2 H20	9.5 I20					
	24.0 B21	C1 4 C21	1.79 D21	12.29 E21	4.5 F21	6.0 G21	0.25 H21	13.0 I21					
	25.0 B22	C1 5 C22	1.04 D22	13.46 E22	4.0 F22	4.0 G22	0.2 H22	6.0 I22					

	26.0 B23	C1 6 C23	1.92 D23	12.5 E23	5.0 F23	6.0 G23	0.2 H23	14.5 I23					
	27.0 B24	C1 7 C24	1.36 D24	13.97 E24	5.0 F24	5.0 G24	0.2 H24	12.0 I24					
	28.0 B25	C1 8 C25	1.45 D25	13.79 E25	5.0 F25	5.0 G25	0.25 H25	9.0 I25					
	29.0 B26	C1 9 C26	0.72 D26	18.06 E26	4.0 F26	4.0 G26	0.15 H26	17.0 I26					
	30.0 B27	C1 10 C27	1.38 D27	15.94 E27	5.0 F27	5.0 G27	0.2 H27	15.5 I27					
		Mean C28	1.349 D28 =AVERAGE(D18:D27)	14.12 E28 =AVERAGE(E18:E27)	4.55 F28 =AVERAGE(F18:F27)	4.9 G28 =AVERAGE(G18:G27)	0.21 H28 =AVERAGE(H18:H27)	11.6 I28 =AVERAGE(I18:I27)	14.93 J28	none K28	2.98 L28	1.32 M28	0.3 N28
	31.0 B29	C2 1 C29	0.83 D29	15.66 E29	4.0 F29	4.0 G29	0.1 H29	16.0 I29					
	32.0 B30	C2 2 C30	1.81 D30	13.81 E30	5.0 F30	5.0 G30	0.25 H30	15.5 I30					
	33.0 B31	C2 3 C31	1.07 D31	15.89 E31	4.5 F31	5.0 G31	0.2 H31	12.0 I31					
	34.0 B32	C2 4 C32	0.62 D32	16.13 E32	3.5 F32	4.0 G32	0.2 H32	16.5 I32					
	35.0 B33	C2 5 C33	1.05 D33	8.57 E33	4.0 F33	5.0 G33	0.2 H33	17.0 I33					
	36.0 B34	C2 6 C34	2.31 D34	11.69 E34	5.0 F34	7.0 G34	0.25 H34	18.0 I34					
	37.0 B35	C2 7 C35	1.4 D35	10.0 E35	5.0 F35	5.0 G35	0.2 H35	13.0 I35					
	38.0 B36	C2 8 C36	1.68 D36	13.69 E36	5.0 F36	6.0 G36	0.25 H36	13.5 I36					
	39.0 B37	C2 9 C37	0.61 D37	13.11 E37	3.5 F37	4.0 G37	0.15 H37	13.0 I37					
	40.0 B38	C2 10 C38	2.25 D38	13.33 E38	5.0 F38	6.0 G38	0.3 H38	12.0 I38					
		Mean C39	1.363 D39 =AVERAGE(D29:D38)	13.188 E39 =AVERAGE(E29:E38)	4.45 F39 =AVERAGE(F29:F38)	5.1 G39 =AVERAGE(G29:G38)	0.21 H39 =AVERAGE(H29:H38)	14.65 I39 =AVERAGE(I29:I38)	16.12 J39	none K39	3.21 L39	1.28 M39	0.31 N39
	11.0 B40	NPK 1 C40	63.95 D40	5.29 E40	17.0 F40	12.0 G40	1.05 H40	16.5 I40					
	12.0 B41	NPK 2 C41	87.26 D41	4.88 E41	20.0 F41	12.0 G41	1.1 H41	18.5 I41					
	13.0 B42	NPK 3 C42	62.06 D42	5.95 E42	16.0 F42	12.0 G42	0.85 H42	19.5 I42					
	14.0 B43	NPK 4 C43	63.65 D43	5.69 E43	17.0 F43	11.0 G43	0.95 H43	25.5 I43					
	15.0 B44	NPK 5 C44	61.11 D44	5.79 E44	16.5 F44	11.0 G44	1.0 H44	26.5 I44					
	16.0 B45	NPK 6 C45	67.11 D45	5.08 E45	19.0 F45	12.0 G45	0.9 H45	20.5 I45					
	17.0 B46	NPK 7 C46	76.96 D46	5.57 E46	20.0 F46	11.0 G46	1.1 H46	20.0 I46					
	18.0 B47	NPK 8 C47	71.7 D47	4.97 E47	20.5 F47	13.0 G47	1.4 H47	18.0 I47					
	19.0 B48	NPK 9 C48	70.16 D48	5.4 E48	18.5 F48	11.0 G48	1.0 H48	21.0 I48					

	20.0 B49	NPK 10 C49	78.12 D49	5.85 E49	20.0 F49	12.0 G49	1.0 H49	22.0 I49					
		Mean C50	70.208 D50 =AVERAGE (D40:D49)	5.447 E50 =AVERAGE (E40:E49)	18.45 F50 =AVERAGE (F40:F49)	11.7 G50 =AVERAGE (G40:G49)	1.035 H50 =AVERAGE (H40:H49)	20.8 I50 =AVERAGE (I40:I49)	37.39 J50	12.79 K50	7.7 L50	0.52 M50	0.68 N50
	41.0 B51	NPK C1 1 C51	61.68 D51	4.96 E51	18.0 F51	11.0 G51	0.8 H51	14.0 I51					
	42.0 B52	NPK C1 2 C52	66.91 D52	4.71 E52	20.0 F52	12.0 G52	1.1 H52	15.0 I52					
	43.0 B53	NPK C1 3 C53	59.22 D53	5.15 E53	17.5 F53	11.0 G53	0.9 H53	18.0 I53					
	44.0 B54	NPK C1 4 C54	60.12 D54	5.84 E54	16.5 F54	12.0 G54	1.05 H54	21.5 I54					
	45.0 B55	NPK C1 5 C55	63.56 D55	5.66 E55	17.0 F55	13.0 G55	0.95 H55	22.0 I55					
	46.0 B56	NPK C1 6 C56	65.75 D56	4.97 E56	18.0 F56	11.0 G56	0.9 H56	18.0 I56					
	47.0 B57	NPK C1 7 C57	66.28 D57	5.13 E57	18.0 F57	13.0 G57	0.95 H57	19.0 I57					
	48.0 B58	NPK C1 8 C58	76.33 D58	4.95 E58	19.5 F58	12.0 G58	1.0 H58	15.0 I58					
	49.0 B59	NPK C1 9 C59	69.52 D59	5.58 E59	18.0 F59	12.0 G59	1.2 H59	21.5 I59					
	50.0 B60	NPK C1 10 C60	61.31 D60	5.48 E60	18.0 F60	13.0 G60	1.0 H60	17.5 I60					
		Mean C61	65.068 D61 =AVERAGE (D51:D60)	5.243 E61 =AVERAGE (E51:E60)	18.05 F61 =AVERAGE (F51:F60)	12 G61 =AVERAGE (G51:G60)	0.985 H61 =AVERAGE (H51:H60)	18.15 I61 =AVERAGE (I51:I60)	39.59 J61	12.57 K61	7.27 L61	0.45 M61	0.74 N61
	51.0 B62	NPK C2 1 C62	92.36 D62	4.09 E62	22.0 F62	13.0 G62	1.2 H62	23.0 I62					
	52.0 B63	NPK C2 2 C63	74.22 D63	4.81 E63	20.0 F63	13.0 G63	0.9 H63	20.0 I63					
	53.0 B64	NPK C2 3 C64	78.46 D64	5.25 E64	18.0 F64	12.0 G64	0.95 H64	22.0 I64					
	54.0 B65	NPK C2 4 C65	68.92 D65	4.88 E65	19.5 F65	12.0 G65	0.9 H65	20.0 I65					
	55.0 B66	NPK C2 5 C66	65.44 D66	4.86 E66	21.5 F66	13.0 G66	0.75 H66	15.0 I66					
	56.0 B67	NPK C2 6 C67	76.69 D67	5.74 E67	22.0 F67	13.0 G67	1.0 H67	22.0 I67					
	57.0 B68	NPK C2 7 C68	66.53 D68	5.13 E68	19.5 F68	11.0 G68	0.9 H68	22.0 I68					
	58.0 B69	NPK C2 8 C69	84.74 D69	5.39 E69	21.5 F69	12.0 G69	1.0 H69	20.0 I69					
	59.0 B70	NPK C2 9 C70	71.04 D70	4.8 E70	19.0 F70	12.0 G70	0.85 H70	19.5 I70					
	60.0 B71	NPK C2 10 C71	95.67 D71	5.15 E71	21.5 F71	14.0 G71	1.1 H71	23.0 I71					
		Mean C72	77.407 D72 =AVERAGE (D62:D71)	5.01 E72 =AVERAGE (E62:E71)	20.45 F72 =AVERAGE (F62:F71)	12.5 G72 =AVERAGE (G62:G71)	0.955 H72 =AVERAGE (H62:H71)	20.65 I72 =AVERAGE (I62:I71)	36.64 J72	12.96 K72	7.92 L72	0.6 M72	0.79 N72
		Mean data, lettuce C74											

		Treatment code C75	Fresh biomass per plant, g D75	% vs K E75	Dry matter per plant, % (Cabinet Regulation No. 518) F75	% vs K G75	Leaf length, cm H75	Leaf count, pcs. I75	Root collar diameter, mm J75	% vs K K75	Root length, cm (difficult to wash free of peat) L75	% vs K M75	Protein in dry matter, % (elemental analysis, dry combustion) N75
		K C76	1.174 D76		13.187000000000000 1 F76		4.4 H76	5.1 I76	0.2200000000000000 03 J76		12.8 L76		15.74 N76
		C1 C77	1.35 D77	114.9914821 E77 =D77/\$D\$76*100	14.12 F77	107.0751498 G77 =F77/\$F\$76*100	4.55 H77	4.9 I77	0.2100000000000000 02 J77	95.45454545 K77 =J77/\$J\$76*100	11.6 L77	90.625 M77 =L77/\$L\$76*100	14.93 N77
		C2 C78	1.363 D78	116.0988075 E78 =D78/\$D\$76*100	13.187999999999999 9 F78	100.0075832 G78 =F78/\$F\$76*100	4.45 H78	5.1 I78	0.2099999999999999 96 J78	95.45454545 K78 =J78/\$J\$76*100	14.65 L78	114.453125 M78 =L78/\$L\$76*100	16.12 N78
		NPK C79	70.208 D79		5.447 F79		18.45 H79	11.7 I79	1.0350000000000000 1 J79		20.8 L79		37.39 N79
		NPK C1 C80	65.068000000000001 D80	92.67889699 E80 =D80/\$D\$79*100	5.243 F80	96.25481917 G80 =F80/\$F\$79*100	18.05 H80	12.0 I80	0.9850000000000000 1 J80	95.16908213 K80 =J80/\$J\$79*100	18.15 L80	87.25961538 M80 =L80/\$L\$79*100	39.59 N80
		NPK C2 C81	77.407 D81	110.2538172 E81 =D81/\$D\$79*100	5.01 F81	91.97723518 G81 =F81/\$F\$79*100	20.45 H81	12.5 I81	0.9549999999999999 8 J81	92.2705314 K81 =J81/\$J\$79*100	20.65 L81	99.27884615 M81 =L81/\$L\$79*100	36.64 N81
	Test report B83			TN-103/25 E83	07.10.25. F83								
	Lettuce B84												
	Customer-assigned identification No. B85	Parameter and test method C85											
		Dry matter, % (Cabinet Regulation No. 518) C86	Protein in dry matter, % (elemental analysis, dry combustion) D86	Crude fibre in dry matter, % (ISO 5498:1981) E86	Potassium in dry matter, % (LVS EN ISO 6869:2002) F86	Calcium in dry matter, % (GOST 26570-95) G86	Magnesium in dry matter, % (GOST 26570-95) H86						
	K 1 B87	14.29 C87	15.74 D87	- E87	3.42 F87	1.32 G87	0.23 H87						
	K 2 B88	15.33 C88											
	K 3 B89	11.29 C89											
	K 4 B90	10.78 C90											
	K 5 B91	12.84 C91											
	K 6 B92	14.38 C92											
	K 7 B93	9.21 C93											
	K 8 B94	13.41 C94											
	K 9 B95	14.38 C95											
	K 10 B96	15.96 C96											

	NPK 1 B97	5.29 C97	37.39 D97	12.79 E97	7.7 F97	0.52 G97	0.68 H97						
	NPK 2 B98	4.88 C98											
	NPK 3 B99	5.95 C99											
	NPK 4 B100	5.69 C100											
	NPK 5 B101	5.79 C101											
	NPK 6 B102	5.08 C102											
	NPK 7 B103	5.57 C103											
	NPK 8 B104	4.97 C104											
	NPK 9 B105	5.4 C105											
	NPK 10 B106	5.85 C106											
	C1 1 B107	12.77 C107	14.93 D107	- E107	2.98 F107	1.32 G107	0.3 H107						
	C1 2 B108	15.49 C108											
	C1 3 B109	12.93 C109											
	C1 4 B110	12.29 C110											
	C1 5 B111	13.46 C111											
	C1 6 B112	12.5 C112											
	C1 7 B113	13.97 C113											
	C1 8 B114	13.79 C114											
	C1 9 B115	18.06 C115											
	C1 10 B116	15.94 C116											
	C2 1 B117	15.66 C117	16.12 D117	- E117	3.21 F117	1.28 G117	0.31 H117						
	C2 2 B118	13.81 C118											
	C2 3 B119	15.89 C119											
	C2 4 B120	16.13 C120											
	C2 5 B121	8.57 C121											
	C2 6 B122	11.69 C122											

	C2 7 B123	10.0 C123											
	C2 8 B124	13.69 C124											
	C2 9 B125	13.11 C125											
	C2 10 B126	13.33 C126											
	NPK C1 1 B127	4.96 C127	39.59 D127	12.57 E127	7.27 F127	0.45 G127	0.74 H127						
	NPK C1 2 B128	4.71 C128											
	NPK C1 3 B129	5.15 C129											
	NPK C1 4 B130	5.84 C130											
	NPK C1 5 B131	5.66 C131											
	NPK C1 6 B132	4.97 C132											
	NPK C1 7 B133	5.13 C133											
	NPK C1 8 B134	4.95 C134											
	NPK C1 9 B135	5.58 C135											
	NPK C1 10 B136	5.48 C136											
	NPK C2 1 B137	4.09 C137	36.64 D137	12.96 E137	7.92 F137	0.6 G137	0.79 H137						
	NPK C2 2 B138	4.81 C138											
	NPK C2 3 B139	5.25 C139											
	NPK C2 4 B140	4.88 C140											
	NPK C2 5 B141	4.86 C141											
	NPK C2 6 B142	5.74 C142											
	NPK C2 7 B143	5.13 C143											
	NPK C2 8 B144	5.39 C144											
	NPK C2 9 B145	4.8 C145											
	NPK C2 10 B146	5.15 C146											
Table 2													
	Greenhouse B1												

	Planted 7.08.2025. B2												
	Harvesting fresh biomass and washing roots B3												
	Measurements and observations, lettuce B5												
	Plants B6												
	1.0 B7												
	2.0 B8												
	3.0 B9												
	4.0 B10												
	5.0 B11												
	6.0 B12												
	7.0 B13												
	8.0 B14												
	9.0 B15												
	10.0 B16												
	21.0 B18												
	22.0 B19												
	23.0 B20												
	24.0 B21												
	25.0 B22												
	26.0 B23												
	27.0 B24												
	28.0 B25												
	29.0 B26												
	30.0 B27												
	31.0 B29												

	32.0 B30												
	33.0 B31												
	34.0 B32												
	35.0 B33												
	36.0 B34												
	37.0 B35												
	38.0 B36												
	39.0 B37												
	40.0 B38												
	11.0 B40												
	12.0 B41												
	13.0 B42												
	14.0 B43												
	15.0 B44												
	16.0 B45												
	17.0 B46												
	18.0 B47												
	19.0 B48												
	20.0 B49												
	41.0 B51												
	42.0 B52												
	43.0 B53												
	44.0 B54												
	45.0 B55												
	46.0 B56												
	47.0 B57												

	48.0 B58												
	49.0 B59												
	50.0 B60												
	51.0 B62												
	52.0 B63												
	53.0 B64												
	54.0 B65												
	55.0 B66												
	56.0 B67												
	57.0 B68												
	58.0 B69												
	59.0 B70												
	60.0 B71												
		% vs K O75	Crude fibre in dry matter, % (ISO 5498:1981) P75	Potassium in dry matter, % (LVS EN ISO 6869:2002) Q75	Calcium in dry matter, % (GOST 26570-95) R75	Magnesium in dry matter, % (GOST 26570-95) S75							
			none P76	3.42 Q76	1.32 R76	0.23 S76							
		94.85387548 O77 =N77/\$N\$76*100	none P77	2.98 Q77	1.32 R77	0.3 S77							
		102.4142313 O78 =N78/\$N\$76*100	none P78	3.21 Q78	1.28 R78	0.31 S78							
			12.79 P79	7.7 Q79	0.52 R79	0.68 S79							
		105.8839262 O80 =N80/\$N\$79*100	12.57 P80	7.27 Q80	0.45 R80	0.74 S80							
		97.99411607 O81 =N81/\$N\$79*100	12.96 P81	7.92 Q81	0.6 R81	0.79 S81							
	Test report B83												
	Lettuce B84												
	Customer-assigned identification No. B85												

	K 1 B87												
	K 2 B88												
	K 3 B89												
	K 4 B90												
	K 5 B91												
	K 6 B92												
	K 7 B93												
	K 8 B94												
	K 9 B95												
	K 10 B96												
	NPK 1 B97												
	NPK 2 B98												
	NPK 3 B99												
	NPK 4 B100												
	NPK 5 B101												
	NPK 6 B102												
	NPK 7 B103												
	NPK 8 B104												
	NPK 9 B105												
	NPK 10 B106												
	C1 1 B107												
	C1 2 B108												
	C1 3 B109												
	C1 4 B110												
	C1 5 B111												
	C1 6 B112												

	C1 7 B113												
	C1 8 B114												
	C1 9 B115												
	C1 10 B116												
	C2 1 B117												
	C2 2 B118												
	C2 3 B119												
	C2 4 B120												
	C2 5 B121												
	C2 6 B122												
	C2 7 B123												
	C2 8 B124												
	C2 9 B125												
	C2 10 B126												
	NPK C1 1 B127												
	NPK C1 2 B128												
	NPK C1 3 B129												
	NPK C1 4 B130												
	NPK C1 5 B131												
	NPK C1 6 B132												
	NPK C1 7 B133												
	NPK C1 8 B134												
	NPK C1 9 B135												
	NPK C1 10 B136												
	NPK C2 1 B137												
	NPK C2 2 B138												

	NPK C2 3 B139												
	NPK C2 4 B140												
	NPK C2 5 B141												
	NPK C2 6 B142												
	NPK C2 7 B143												
	NPK C2 8 B144												
	NPK C2 9 B145												
	NPK C2 10 B146												

Worksheet: Potatoes

Table 3													
	Crop rotation field – SKL 10 B2												
	Planted B3	23.05.2025. C3											
	Harvested B4	25.-26.09.2025. C4											
Treatment No. A5	Treatment B5	Plot No. C5				Plot area, m² G5				Yield per plot, kg K5			Total N5
1.0 A6	NPK B6	1 I C6	1 II D6	1 III E6	1 IV F6	16.5 G6 =11*1.5	14.55 H6 =9.7*1.5	14.85 I6 =9.9*1.5	14.4 J6 =9.6*1.5	28.76 K6	24.44 L6	19.54 M6	72.74 N6 =SUM(K6:M6)
2.0 A7	NPK C1 B7	2 I C7	2 II D7	2 III E7	2 IV F7	15.75 G7 =10.5*1.5	14.55 H7 =9.7*1.5	14.85 I7 =9.9*1.5	14.4 J7 =9.6*1.5	22.64 K7	22.58 L7	30.66 M7	75.88 N7 =SUM(K7:M7)
3.0 A8	NPK C2 B8	3 I C8	3 II D8	3 III E8	3 IV F8	15.9 G8 =10.6*1.5	14.85 H8 =9.9*1.5	14.85 I8 =9.9*1.5	14.4 J8 =9.6*1.5	23.3 K8	23.82 L8	27.78 M8	74.9 N8 =SUM(K8:M8)
4.0 A9	NPK0 B9	4 I C9	4 II D9	4 III E9	4 IV F9	15.75 G9 =10.5*1.5	15.3 H9 =10.2*1.5	14.85 I9 =9.9*1.5	14.4 J9 =9.6*1.5	23.68 K9	23.76 L9	15.0 M9	62.44 N9 =SUM(K9:M9)
5.0 A10	NPK0 C1 B10	5 I C10	5 II D10	5 III E10	5 IV F10	15.6 G10 =10.4*1.5	15.3 H10 =10.2*1.5	14.85 I10 =9.9*1.5	14.4 J10 =9.6*1.5	25.56 K10	32.98 L10		58.54 N10 =SUM(K10:M10)
6.0 A11	NPK0 C2 B11	6 I C11	6 II D11	6 III E11	6 IV F11	15.6 G11 =10.4*1.5	15.15 H11 =10.1*1.5	14.85 I11 =9.9*1.5	14.4 J11 =9.6*1.5	19.78 K11	33.92 L11		53.7 N11 =SUM(K11:M11)
7.0 A12	NPK0 C3 B12	7 I C12	7 II D12	7 III E12	7 IV F12	15.75 G12 =10.5*1.5	15 H12 =10*1.5	14.85 I12 =9.9*1.5	14.4 J12 =9.6*1.5	25.5 K12	29.06 L12		54.56 N12 =SUM(K12:M12)
	Analysis of 4 potato plants (dug up 24.09.2025.) B13												
	Treatment B14	Food C14			Seed F14			Non-standard yield / small tubers I14			Damaged L14		
		Large grade (>80 g), diameter >55 mm C15	Share of yield, % D15		Medium grade (40–80 g), diameter 35–55 mm F15	Share of yield, % G15		Small grade (<40 g), diameter 35 mm I15	Share of yield, % J15		Included in small-tuber weight at the end L15	Share of yield, % M15	
		Mass, kg C16		Count, pcs. E16	Mass, kg F16		Count, pcs. H16	Mass, kg I16		Count, pcs. K16	Mass, kg L16		Count, pcs. N16
	NPK B17	0.57 C17	9.018987342 D17 =C17/R17*100	2.0 E17	2.58 F17	40.82278481 G17 =F17/R17*100	25.0 H17	2.3 I17	36.39240506 J17 =I17/R17*100	13.0 K17	0.87 L17	13.76582278 M17 =L17/R17*100	7.0 N17
	NPK C1 B18	0.67 C18	17.3126615 D18 =C18/R18*100	4.0 E18	1.24 F18	32.04134367 G18 =F18/R18*100	18.0 H18	0.24 I18	6.201550388 J18 =I18/R18*100	12.0 K18	1.72 L18	44.44444444 M18 =L18/R18*100	19.0 N18

	NPK C2 B19	1.22 C19	36.14814815 D19 =C19/R19*100	6.0 E19	1.72 F19	50.96296296 G19 =F19/R19*100	22.0 H19	0.13 I19	3.851851852 J19 =I19/R19*100	8.0 K19	0.305 L19	9.037037037 M19 =L19/R19*100	4.0 N19
	NPK0 B20	3.11 C20	67.75599129 D20 =C20/R20*100	23.0 E20	1.09 F20	23.74727669 G20 =F20/R20*100	19.0 H20	0.215 I20	4.684095861 J20 =I20/R20*100	16.0 K20	0.175 L20	3.812636166 M20 =L20/R20*100	1.0 N20
	NPK0 C1 B21	2.23 C21	41.99623352 D21 =C21/R21*100	13.0 E21	1.98 F21	37.28813559 G21 =F21/R21*100	24.0 H21	0.09 I21	1.694915254 J21 =I21/R21*100	6.0 K21	1.01 L21	19.02071563 M21 =L21/R21*100	7.0 N21
	NPK0 C2 B22	0.38 C22	9.523809524 D22 =C22/R22*100	3.0 E22	1.3 F22	32.58145363 G22 =F22/R22*100	17.0 H22	0.135 I22	3.383458647 J22 =I22/R22*100	8.0 K22	2.175 L22	54.5112782 M22 =L22/R22*100	21.0 N22
	NPK0 C3 B23	0.705 C23	17.64705882 D23 =C23/R23*100	4.0 E23	1.945 F23	48.68585732 G23 =F23/R23*100	23.0 H23	0.27 I23	6.75844806 J23 =I23/R23*100	13.0 K23	1.075 L23	26.90863579 M23 =L23/R23*100	8.0 N23
	Potato yield and quality B25												
	Treatments B26	Yield, t ha-1 C26	vs K, t ha-1 D26	vs K, % E26	Starch in product, % F26		Starch in dry matter, % H26	Starch yield, t ha-1 I26	vs K, % J26	Mean plant count K26	kg/plot L26	Mean weight per plant, kg M26	vs K, % N26
	NPK B27	47.23640312055261 C27			10.27 F27		63.93 H27	4.8511786 I27 =F27*C27/100		37.875 K27	71.025 L27	1.875247525 M27 =L27*1/K27	
	NPK C1 B28	49.33468686000903 C28	2.09828373945642 D28	104.4420904 E28 =C28/\$C\$27*100	12.86 F28	125.2190847 G28 =F28/\$F\$27*100	68.54 H28	6.34444073 I28 =F28*C28/100	107.211012 J28 =H28/\$H\$27*100	35.625 K28	73.39500000000001 L28	2.060210526 M28 =L28*1/K28	109.8633913 N28 =M28/\$M\$27*100
	NPK C2 B29	47.66782804459691 C29	0.431424924044300 44 D29	100.9133314 E29 =C29/\$C\$27*100	14.72 F29	143.3300876 G29 =F29/\$F\$27*100	78.9 H29	7.016704288 I29 =F29*C29/100	123.4162365 J29 =H29/\$H\$27*100	34.375 K29	71.47749999999999 L29	2.079345455 M29 =L29*1/K29	110.8837861 N29 =M29/\$M\$27*100
	NPK0 B30	35.33480887304417 C30			12.72 F30		69.15 H30	4.494587689 I30 =F30*C30/100		35.25 K30	53.39 L30	1.514609929 M30 =L30*1/K30	
	NPK0 C1 B31	36.86987331840273 C31	1.535064445358564 5 D31	104.3443406 E31 =C31/\$C\$30*100	12.97 F31	101.9654088 G31 =F31/\$F\$30*100	76.9 H31	4.782022569 I31 =F31*C31/100	111.2075199 J31 =H31/\$H\$30*100	35.375 K31	55.46499999999999 6 L31	1.567915194 M31 =L31*1/K31	103.5194055 N31 =M31/\$M\$30*100
	NPK0 C2 B32	30.95640429427558 C32	-4.37840457876858 8 D32	87.60880639 E32 =C32/\$C\$30*100	12.66 F32	99.52830189 G32 =F32/\$F\$30*100	75.03 H32	3.919080784 I32 =F32*C32/100	108.5032538 J32 =H32/\$H\$30*100	35.875 K32	46.51999999999999 6 L32	1.296724739 M32 =L32*1/K32	85.61443536 N32 =M32/\$M\$30*100
	NPK0 C3 B33	32.82870971620971 5 C33	-2.50609915683445 2 D33	92.90756272 E33 =C33/\$C\$30*100	12.78 F33	100.4716981 G33 =F33/\$F\$30*100	74.35 H33	4.195509102 I33 =F33*C33/100	107.5198843 J33 =H33/\$H\$30*100	35.375 K33	49.305 L33	1.393780919 M33 =L33*1/K33	92.02243376 N33 =M33/\$M\$30*100
	RS0.05 B34		3.76 D34										
	Potatoes, starch, TN-127/25, 06.10.25. B36												
	Customer-assigned identification No. B37	Parameter and test method C37				Treatments G37	Yield, t ha-1 H37	vs K, t ha-1 I37	vs K, % J37	Mean plant count K37	kg/plot L37	Mean weight per plant, kg M37	vs K, % N37
		Moisture, % (ISO 6496:1999) C38	Starch, % (LVS EN ISO 10520:2001) D38			NPK G38	47.23640312055261 H38			37.875 K38	71.025 L38	1.875247525 M38 =L38*1/K38	
			In product, % D39	In dry matter, % E39		NPK C1 G39	49.33468686000903 H39	2.09828373945642 I39	104.4420904 J39 =H39/\$C\$27*100	35.625 K39	73.39500000000001 L39	2.060210526 M39 =L39*1/K39	109.8633913 N39 =M39/\$M\$27*100

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

Table 3

	Crop rotation field – SKL 10 B2												
	Planted B3												
	Harvested B4												
Treatment No. A5	Treatment B5	Yield per plot, kg O5			Total R5	Yield per plot, kg S5			Total V5	Yield per plot, kg W5			Total Z5
1.0 A6	NPK B6	24.8 O6	26.72 P6	18.78 Q6	70.3 R6 =SUM(O6:Q6)	24.04 S6	24.46 T6	18.68 U6	67.18 V6 =SUM(S6:U6)	23.5 W6	26.14 X6	24.24 Y6	73.88 Z6 =SUM(W6:Y6)
2.0 A7	NPK C1 B7	25.8 O7	25.34 P7	22.2 Q7	73.34 R7 =SUM(O7:Q7)	24.02 S7	25.74 T7	21.26 U7	71.02 V7 =SUM(S7:U7)	26.44 W7	24.7 X7	22.2 Y7	73.34 Z7 =SUM(W7:Y7)
3.0 A8	NPK C2 B8	24.18 O8	21.94 P8	28.86 Q8	74.98 R8 =SUM(O8:Q8)	19.24 S8	23.69 T8	23.24 U8	66.17 V8 =SUM(S8:U8)	23.66 W8	24.14 X8	22.06 Y8	69.86 Z8 =SUM(W8:Y8)
4.0 A9	NPK0 B9	20.82 O9	21.14 P9	13.4 Q9	55.36 R9 =SUM(O9:Q9)	22.08 S9	24.88 T9		46.96 V9 =SUM(S9:U9)	21.32 W9	27.48 X9		48.8 Z9 =SUM(W9:Y9)
5.0 A10	NPK0 C1 B10	21.66 O10	19.16 P10	18.46 Q10	59.28 R10 =SUM(O10:Q10)	24.42 S10	25.06 T10		49.48 V10 =SUM(S10:U10)	23.78 W10	13.44 X10	17.34 Y10	54.56 Z10 =SUM(W10:Y10)
6.0 A11	NPK0 C2 B11	19.14 O11	27.18 P11		46.32 R11 =SUM(O11:Q11)	19.24 S11	25.22 T11		44.46 V11 =SUM(S11:U11)	23.94 W11	17.66 X11		41.6 Z11 =SUM(W11:Y11)
7.0 A12	NPK0 C3 B12	24.44 O12	26.66 P12		51.1 R12 =SUM(O12:Q12)	22.56 S12	23.84 T12		46.4 V12 =SUM(S12:U12)	22.74 W12	22.42 X12		45.16 Z12 =SUM(W12:Y12)
	Analysis of 4 potato plants (dug up 24.09.2025.) B13												
	Treatment B14												

			Treatment P15	Total count, pcs. Q15	Total, kg R15	Marketable tuber grade S15	Marketable tubers as share of yield, % T15	vs K weight, % U15	Mean marketable tuber mass V15				
	NPK B17		NPK P17	47 Q17 =E17+H17+K17+N17	6.32 R17 =C17+F17+I17+L17	3.15 S17 =C17+F17	49.84177215 T17 =S17/R17*100		0.1166666667 V17 =(C17+F17)/ (E17+H17)				
	NPK C1 B18		NPK C1 P18	53 Q18 =E18+H18+K18+N18	3.87 R18 =C18+F18+I18+L18	1.91 S18 =C18+F18	49.35400517 T18 =S18/R18*100	60.63492063 U18 =S18/S17*100	0.08681818182 V18 =(C18+F18)/ (E18+H18)				
	NPK C2 B19		NPK C2 P19	40 Q19 =E19+H19+K19+N19	3.375 R19 =C19+F19+I19+L19	2.94 S19 =C19+F19	87.11111111 T19 =S19/R19*100	93.33333333 U19 =S19/S17*100	0.105 V19 =(C19+F19)/ (E19+H19)				
	NPK0 B20		NPK0 P20	59 Q20 =E20+H20+K20+N20	4.59 R20 =C20+F20+I20+L20	4.2 S20 =C20+F20	91.50326797 T20 =S20/R20*100		0.1 V20 =(C20+F20)/ (E20+H20)				
	NPK0 C1 B21		NPK0 C1 P21	50 Q21 =E21+H21+K21+N21	5.31 R21 =C21+F21+I21+L21	4.21 S21 =C21+F21	79.28436911 T21 =S21/R21*100	100.2380952 U21 =S21/S20*100	0.1137837838 V21 =(C21+F21)/ (E21+H21)				
	NPK0 C2 B22		NPK0 C2 P22	49 Q22 =E22+H22+K22+N22	3.99 R22 =C22+F22+I22+L22	1.68 S22 =C22+F22	42.10526316 T22 =S22/R22*100	40 U22 =S22/S20*100	0.084 V22 =(C22+F22)/ (E22+H22)				
	NPK0 C3 B23		NPK0 C3 P23	48 Q23 =E23+H23+K23+N23	3.995 R23 =C23+F23+I23+L23	2.65 S23 =C23+F23	66.33291615 T23 =S23/R23*100	63.0952381 U23 =S23/S20*100	0.09814814815 V23 =(C23+F23)/ (E23+H23)				
	Potato yield and quality B25	Potato yield, t ha-1 Q25											
	Treatments B26	I O26	II P26	III Q26	IV R26	Mean S26		ANOVA: Single Factor U26					
	NPK B27	44.08484848484849 O27	48.31615120274914 P27	45.23905723905724 Q27	51.30555555555556 R27	47.23640312 S27 =AVERAGE (O27:R27)							
	NPK C1 B28	48.17777777777778 O28	50.40549828178695 P28	47.82491582491582 Q28	50.93055555555556 R28	49.33468686 S28 =AVERAGE (O28:R28)		SUMMARY U28					
	NPK C2 B29	47.10691823899371 O29	50.49158249158248 P29	44.55892255892255 Q29	48.51388888888889 R29	47.66782804 S29 =AVERAGE (O29:R29)		Groups U29	Count V29	Sum W29	Average X29	Variance Y29	
	NPK0 B30	39.64444444444444 O30	36.18300653594772 P30	31.62289562289561 Q30	33.88888888888889 R30	35.33480887 S30 =AVERAGE (O30:R30)		Row 1 U30	4.0 V30	188.9456124822104 W30	47.23640312055261 X30	10.54851488415072 Y30	
	NPK0 C1 B31	37.52564102564101 O31	38.74509803921569 P31	33.31986531986532 Q31	37.88888888888889 R31	36.86987332 S31 =AVERAGE (O31:R31)		Row 2 U31	4.0 V31	197.3387474400361 W31	49.33468686000903 X31	2.437093732463669 Y31	
	NPK0 C2 B32	34.42307692307692 O32	30.57425742574257 P32	29.93939393939393 Q32	28.88888888888889 R32	30.95640429 S32 =AVERAGE (O32:R32)		Row 3 U32	4.0 V32	190.6713121783876 W32	47.66782804459691 X32	6.223107085997597 Y32	
	NPK0 C3 B33	34.64126984126984 O33	34.06666666666666 P33	31.24579124579124 Q33	31.36111111111111 R33	32.82870972 S33 =AVERAGE (O33:R33)		Row 4 U33	4.0 V33	141.3392354921766 W33	35.33480887304417 X33	11.72046087028054 Y33	

	RS0.05 B34				Deviation from mean R34	3.760391815051604 7 S34		Row 5 U34	4.0 V34	147.4794932736109 3 W34	36.86987331840273 X34	5.862482853992472 Y34	
								Row 6 U35	4.0 V35	123.8256171771023 2 W35	30.95640429427558 X35	5.824261785952586 Y35	
	Potatoes, starch, TN-127/25, 06.10.25. B36							Row 7 U36	4.0 V36	131.3148388648388 6 W36	32.82870971620971 5 X36	3.159129389273996 7 Y36	
	Customer-assigned identification No. B37		Yield, t ha-1 P37	vs K, t ha-1 Q37	vs K, % R37								
			47.23640312055261 P38										
			49.33468686000903 P39					ANOVA U39					
	NPK B40		47.66782804459691 P40					Source of Variation U40	SS V40	df W40	MS X40	F Y40	P-value Z40
	NPK + Cito Humus C1 B41		35.33480887304417 P41					Between Groups U41	1452.263007402201 V41	6.0 W41	242.0438345670335 X41	37.01376229371282 Y41	4.150722270436615 e-10 Z41
	NPK + Cito Humus C2 B42		36.86987331840273 P42		74.80419028 R42 =P41/P38*100			Within Groups U42	137.3251518063348 V42	21.0 W42	6.5392929431588 X42		
	NPK 0 control B43		30.95640429427558 P43		74.73417927 R43 =P42/P39*100								
	Cito Humus C1 B44		32.82870971620971 5 P44		64.94192323 R44 =P43/P40*100			Total U44	1589.588159208536 V44	27.0 W44			
	Cito Humus C2 B45												
	Cito Humus C3 B46												

Table 3

	Crop rotation field – SKL 10 B2									
	Planted B3									
	Harvested B4									
Treatment No. A5	Treatment B5		t ha-1 AB5					Mean AF5		vs K, % AH5
1.0 A6	NPK B6	71.025 AA6 =SUM(Z6,V6,R6,N6)/4	44.08484848 AB6 =N6*10000/G6/1000	48.3161512 AC6 =R6*10000/H6/1000	45.23905724 AD6 =V6*10000/I6/1000	51.30555556 AE6 =Z6*10000/J6/1000	47.23640312 AF6 =AVERAGE(AB6:AE6)			
2.0 A7	NPK C1 B7	73.395 AA7 =SUM(Z7,V7,R7,N7)/4	48.17777778 AB7 =N7*10000/G7/1000	50.40549828 AC7 =R7*10000/H7/1000	47.82491582 AD7 =V7*10000/I7/1000	50.93055556 AE7 =Z7*10000/J7/1000	49.33468686 AF7 =AVERAGE(AB7:AE7)			104.4420904 AH7 =AF7/AF6*100
3.0 A8	NPK C2 B8	71.4775 AA8 =SUM(Z8,V8,R8,N8)/4	47.10691824 AB8 =N8*10000/G8/1000	50.49158249 AC8 =R8*10000/H8/1000	44.55892256 AD8 =V8*10000/I8/1000	48.51388889 AE8 =Z8*10000/J8/1000	47.66782804 AF8 =AVERAGE(AB8:AE8)			100.9133314 AH8 =AF8/AF6*100
4.0 A9	NPK0 B9	53.39 AA9 =SUM(Z9,V9,R9,N9)/4	39.64444444 AB9 =N9*10000/G9/1000	36.18300654 AC9 =R9*10000/H9/1000	31.62289562 AD9 =V9*10000/I9/1000	33.88888889 AE9 =Z9*10000/J9/1000	35.33480887 AF9 =AVERAGE(AB9:AE9)			

5.0 A10	NPK0 C1 B10	55.465 AA10 =SUM(Z10,V10,R10,N10)/4	37.52564103 AB10 =N10*10000/G10/1000	38.74509804 AC10 =R10*10000/H10/1000	33.31986532 AD10 =V10*10000/I10/1000	37.88888889 AE10 =Z10*10000/J10/1000	36.86987332 AF10 =AVERAGE(AB10:AE10)		104.3443406 AH10 =AF10/AF9*100
6.0 A11	NPK0 C2 B11	46.52 AA11 =SUM(Z11,V11,R11,N11)/4	34.42307692 AB11 =N11*10000/G11/1000	30.57425743 AC11 =R11*10000/H11/1000	29.93939394 AD11 =V11*10000/I11/1000	28.88888889 AE11 =Z11*10000/J11/1000	30.95640429 AF11 =AVERAGE(AB11:AE11)		87.60880639 AH11 =AF11/AF9*100
7.0 A12	NPK0 C3 B12	49.305 AA12 =SUM(Z12,V12,R12,N12)/4	34.64126984 AB12 =N12*10000/G12/1000	34.06666667 AC12 =R12*10000/H12/1000	31.24579125 AD12 =V12*10000/I12/1000	31.36111111 AE12 =Z12*10000/J12/1000	32.82870972 AF12 =AVERAGE(AB12:AE12)		92.90756272 AH12 =AF12/AF9*100
	Analysis of 4 potato plants (dug up 24.09.2025.) B13								
	Treatment B14								
	NPK B17								
	NPK C1 B18								
	NPK C2 B19								
	NPK0 B20								
	NPK0 C1 B21								
	NPK0 C2 B22								
	NPK0 C3 B23								
	Potato yield and quality B25								
	Treatments B26								
	NPK B27								
	NPK C1 B28								
	NPK C2 B29								
	NPK0 B30								
	NPK0 C1 B31								
	NPK0 C2 B32								
	NPK0 C3 B33								
	RS0.05 B34								
	Potatoes, starch, TN-127/25, 06.10.25. B36								

	Customer-assigned identification No. B37								
	NPK B40	F crit AA40							
	NPK + Cito Humus C1 B41	2.5727116405095254 AA41	1.278602063 AB41 =SQRT(X42/4)						
	NPK + Cito Humus C2 B42								
	NPK 0 control B43		1.808216379 AB43 =SQRT(2)*AB41						
	Cito Humus C1 B44		3.760391815 AB44 =TINV(0.05,W42)*AB43						
	Cito Humus C2 B45								
	Cito Humus C3 B46								

Worksheet: Peas

Table 4													
	Peas 1 in substrate B3												
	Plants B4	Treatment code C4	Fresh biomass per plant, g D4						Fresh biomass per pot, g J4	Mean fresh biomass per plant, g K4	Calculated from pot total L4	Root length, cm M4	
	1.0 B5	K 1 C5	4.82 D5	5.36 E5	3.15 F5	4.03 G5	2.75 H5	none I5	20.06 J5	4.022 K5 =AVERAGE(D5:I5)	20.11 L5 =SUM(D5:I5)	38.0 M5	37.0 N5
	2.0 B6	K 2 C6	3.91 D6	3.45 E6	2.73 F6	3.6 G6	3.82 H6	3.4 I6	20.85 J6	3.485 K6 =AVERAGE(D6:I6)	20.91 L6 =SUM(D6:I6)	37.5 M6	25.0 N6
	3.0 B7	K 3 C7	2.95 D7	1.26 E7	2.65 F7	3.01 G7	4.18 H7	4.05 I7	18.03 J7	3.016666667 K7 =AVERAGE(D7:I7)	18.1 L7 =SUM(D7:I7)	37.0 M7	32.0 N7
	4.0 B8	K 4 C8	2.54 D8	3.84 E8	3.65 F8	3.12 G8	2.99 H8	3.04 I8	19.1 J8	3.196666667 K8 =AVERAGE(D8:I8)	19.18 L8 =SUM(D8:I8)	31.5 M8	34.0 N8
	5.0 B9	K 5 C9	2.69 D9	3.15 E9	4.31 F9	3.45 G9	3.2 H9	2.88 I9	19.3 J9	3.28 K9 =AVERAGE(D9:I9)	19.68 L9 =SUM(D9:I9)		
	6.0 B10	K 6 C10	3.44 D10	3.44 E10	3.21 F10	4.14 G10	3.75 H10	2.01 I10	20.02 J10	3.331666667 K10 =AVERAGE(D10:I10)	19.99 L10 =SUM(D10:I10)		
	7.0 B11	K 7 C11	3.0 D11	3.78 E11	3.8 F11	4.43 G11	2.62 H11	2.8 I11	20.4 J11	3.405 K11 =AVERAGE(D11:I11)	20.43 L11 =SUM(D11:I11)		
	8.0 B12	K 8 C12	1.55 D12	0.98 E12	3.91 F12	3.48 G12	1.95 H12	1.96 I12	13.82 J12	2.305 K12 =AVERAGE(D12:I12)	13.83 L12 =SUM(D12:I12)		
	9.0 B13	K 9 C13	2.58 D13	4.12 E13	4.59 F13	1.26 G13	4.28 H13	none I13	16.81 J13	3.366 K13 =AVERAGE(D13:I13)	16.83 L13 =SUM(D13:I13)		
	10.0 B14	K 10 C14	2.49 D14	3.52 E14	4.44 F14	3.88 G14	3.17 H14	2.65 I14	20.1 J14	3.358333333 K14 =AVERAGE(D14:I14)	20.15 L14 =SUM(D14:I14)		
		Mean C15							18.849 J15 =AVERAGE(J5:J14)	3.276633333 K15 =AVERAGE(K5:K14)	18.921 L15 =AVERAGE(L5:L14)		
	21.0 B16	C1 1 C16	3.37 D16	2.49 E16	3.27 F16	3.44 G16	4.0 H16	3.25 I16	19.81 J16	3.303333333 K16 =AVERAGE(D16:I16)	19.82 L16 =SUM(D16:I16)	29.0 M16	32.0 N16
	22.0 B17	C1 2 C17	3.75 D17	3.88 E17	2.78 F17	3.79 G17	3.86 H17	3.04 I17	21.07 J17	6.024285714 K17 =AVERAGE(D17:J17)	21.1 L17 =SUM(D17:I17)	39.0 M17	40.0 N17
	23.0 B18	C1 3 C18	3.83 D18	3.3 E18	3.62 F18	2.65 G18	2.21 H18	3.37 I18	18.92 J18	5.414285714 K18 =AVERAGE(D18:J18)	18.98 L18 =SUM(D18:I18)	39.0 M18	35.0 N18
	24.0 B19	C1 4 C19	2.44 D19	3.21 E19	4.86 F19	2.36 G19	2.62 H19	2.71 I19	18.2 J19	5.2 K19 =AVERAGE(D19:J19)	18.2 L19 =SUM(D19:I19)	32.0 M19	42.0 N19

	25.0 B20	C1 5 C20	3.63 D20	2.55 E20	1.95 F20	3.75 G20	3.96 H20	3.41 I20	19.21 J20	5.494285714 K20 =AVERAGE(D20:J20)	19.25 L20 =SUM(D20:I20)		
	26.0 B21	C1 6 C21	3.67 D21	1.61 E21	5.67 F21	3.59 G21	4.62 H21	3.58 I21	22.68 J21	6.488571429 K21 =AVERAGE(D21:J21)	22.74 L21 =SUM(D21:I21)		
	27.0 B22	C1 7 C22	0.97 D22	3.54 E22	3.71 F22	3.83 G22	4.08 H22	2.44 I22	18.56 J22	5.304285714 K22 =AVERAGE(D22:J22)	18.57 L22 =SUM(D22:I22)		
	28.0 B23	C1 8 C23	4.59 D23	4.96 E23	4.33 F23	3.79 G23	3.29 H23	none I23	20.87 J23	6.971666667 K23 =AVERAGE(D23:J23)	20.96 L23 =SUM(D23:I23)		
	29.0 B24	C1 9 C24	0.36 D24	3.76 E24	4.13 F24	3.77 G24	4.88 H24	4.14 I24	20.94 J24	5.997142857 K24 =AVERAGE(D24:J24)	21.04 L24 =SUM(D24:I24)		
	30.0 B25	C1 10 C25	2.82 D25	3.62 E25	3.84 F25	2.65 G25	2.48 H25	2.72 I25	18.04 J25	5.167142857 K25 =AVERAGE(D25:J25)	18.13 L25 =SUM(D25:I25)		
		Mean C26							19.83 J26 =AVERAGE(J16:J25)	5.5365 K26 =AVERAGE(K16:K25)	19.879 L26 =AVERAGE(L16:L25)		
	31.0 B27	C2 1 C27	2.92 D27	4.09 E27	3.38 F27	3.74 G27	3.86 H27	1.38 I27	19.36 J27	3.228333333 K27 =AVERAGE(D27:I27)	19.37 L27 =SUM(D27:I27)	34.0 M27	40.0 N27
	32.0 B28	C2 2 C28	4.18 D28	2.02 E28	2.56 F28	2.58 G28	3.64 H28	3.56 I28	18.72 J28	3.09 K28 =AVERAGE(D28:I28)	18.54 L28 =SUM(D28:I28)	32.0 M28	33.0 N28
	33.0 B29	C2 3 C29	2.95 D29	1.14 E29	4.29 F29	2.49 G29	3.67 H29	2.67 I29	17.07 J29	2.868333333 K29 =AVERAGE(D29:I29)	17.21 L29 =SUM(D29:I29)	37.0 M29	30.0 N29
	34.0 B30	C2 4 C30	3.48 D30	3.53 E30	4.09 F30	2.21 G30	3.58 H30	2.67 I30	19.55 J30	3.26 K30 =AVERAGE(D30:I30)	19.56 L30 =SUM(D30:I30)	40.0 M30	42.0 N30
	35.0 B31	C2 5 C31	3.54 D31	3.86 E31	3.39 F31	4.23 G31	2.54 H31	3.55 I31	21.02 J31	3.518333333 K31 =AVERAGE(D31:I31)	21.11 L31 =SUM(D31:I31)		
	36.0 B32	C2 6 C32	2.89 D32	3.79 E32	3.19 F32	3.33 G32	1.82 H32	2.46 I32	17.47 J32	2.913333333 K32 =AVERAGE(D32:I32)	17.48 L32 =SUM(D32:I32)		
	37.0 B33	C2 7 C33	2.56 D33	1.8 E33	3.89 F33	3.23 G33	3.27 H33	1.92 I33	16.65 J33	2.778333333 K33 =AVERAGE(D33:I33)	16.67 L33 =SUM(D33:I33)		
	38.0 B34	C2 8 C34	2.64 D34	3.24 E34	3.17 F34	4.83 G34	2.86 H34	2.71 I34	19.4 J34	3.241666667 K34 =AVERAGE(D34:I34)	19.45 L34 =SUM(D34:I34)		
	39.0 B35	C2 9 C35	3.2 D35	3.3 E35	2.13 F35	2.48 G35	2.4 H35	1.98 I35	15.47 J35	2.581666667 K35 =AVERAGE(D35:I35)	15.49 L35 =SUM(D35:I35)		
	40.0 B36	C2 10 C36	3.02 D36	4.31 E36	3.07 F36	3.82 G36	4.04 H36	2.99 I36	20.94 J36	3.541666667 K36 =AVERAGE(D36:I36)	21.25 L36 =SUM(D36:I36)		
		Mean C37							18.565 J37 =AVERAGE(J27:J36)	3.102166667 K37 =AVERAGE(K27:K36)	18.613 L37 =AVERAGE(L27:L36)		
	11.0 B38	NPK 1 C38	18.18 D38	23.11 E38	14.03 F38	21.56 G38	23.2 H38	19.14 I38	119.07 J38	19.87 K38 =AVERAGE(D38:I38)	119.22 L38 =SUM(D38:I38)	21.0 M38	36.0 N38

	12.0 B39	NPK 2 C39	18.15 D39	21.09 E39	19.8 F39	22.06 G39	16.57 H39	21.44 I39	118.96 J39	19.85166667 K39 =AVERAGE(D39:I39)	119.11 L39 =SUM(D39:I39)	30.0 M39	39.0 N39
	13.0 B40	NPK 3 C40	20.84 D40	16.45 E40	14.7 F40	10.01 G40	none H40	none I40	61.91 J40	15.5 K40 =AVERAGE(D40:I40)	62 L40 =SUM(D40:I40)	34.0 M40	31.0 N40
	14.0 B41	NPK 4 C41	12.61 D41	14.13 E41	12.41 F41	15.13 G41	none H41	none I41	54.17 J41	13.57 K41 =AVERAGE(D41:I41)	54.28 L41 =SUM(D41:I41)	33.0 M41	34.0 N41
	15.0 B42	NPK 5 C42	2.25 D42	11.17 E42	7.68 F42	8.2 G42	8.1 H42	10.32 I42	47.61 J42	7.953333333 K42 =AVERAGE(D42:I42)	47.72 L42 =SUM(D42:I42)		
	16.0 B43	NPK 6 C43	15.15 D43	17.8 E43	25.4 F43	22.08 G43	23.61 H43	25.42 I43	129.3 J43	21.57666667 K43 =AVERAGE(D43:I43)	129.46 L43 =SUM(D43:I43)		
	17.0 B44	NPK 7 C44	10.41 D44	8.51 E44	12.81 F44	6.87 G44	9.41 H44	5.35 I44	53.29 J44	8.893333333 K44 =AVERAGE(D44:I44)	53.36 L44 =SUM(D44:I44)		
	18.0 B45	NPK 8 C45	7.34 D45	12.36 E45	7.03 F45	11.21 G45	10.4 H45	3.48 I45	51.63 J45	8.636666667 K45 =AVERAGE(D45:I45)	51.82 L45 =SUM(D45:I45)		
	19.0 B46	NPK 9 C46	9.66 D46	7.62 E46	10.82 F46	8.75 G46	7.82 H46	8.42 I46	53.02 J46	8.848333333 K46 =AVERAGE(D46:I46)	53.09 L46 =SUM(D46:I46)		
	20.0 B47	NPK 10 C47	did not germinate D47										
		Mean C48							76.55111111 J48 =AVERAGE(J38:J47)	13.85555556 K48 =AVERAGE(K38:K47)	76.67333333 L48 =AVERAGE(L38:L47)		
	41.0 B49	NPK C1 1 C49	17.24 D49	31.76 E49	25.29 F49	9.71 G49	10.18 H49	20.72 I49	114.88 J49	32.82571429 K49 =AVERAGE(D49:J49)	114.9 L49 =SUM(D49:I49)	39.0 M49	35.0 N49
	42.0 B50	NPK C1 2 C50	10.32 D50	13.69 E50	6.73 F50	7.8 G50	10.65 H50	13.83 I50	63.0 J50	18.00285714 K50 =AVERAGE(D50:J50)	63.02 L50 =SUM(D50:I50)	29.0 M50	33.0 N50
	43.0 B51	NPK C1 3 C51	10.93 D51	12.48 E51	7.21 F51	12.12 G51	11.68 H51	5.9 I51	60.3 J51	17.23142857 K51 =AVERAGE(D51:J51)	60.32 L51 =SUM(D51:I51)	42.0 M51	29.0 N51
	44.0 B52	NPK C1 4 C52	17.75 D52	23.35 E52	14.99 F52	20.0 G52	16.37 H52	20.92 I52	113.32 J52	32.38571429 K52 =AVERAGE(D52:J52)	113.38 L52 =SUM(D52:I52)	21.0 M52	26.0 N52
	45.0 B53	NPK C1 5 C53	15.15 D53	20.93 E53	10.12 F53	17.46 G53	20.03 H53	6.08 I53	89.75 J53	25.64571429 K53 =AVERAGE(D53:J53)	89.77 L53 =SUM(D53:I53)		
	46.0 B54	NPK C1 6 C54	14.19 D54	9.51 E54	17.65 F54	19.5 G54	15.11 H54	16.18 I54	92.11 J54	26.32142857 K54 =AVERAGE(D54:J54)	92.14 L54 =SUM(D54:I54)		
	47.0 B55	NPK C1 7 C55	12.95 D55	14.11 E55	13.29 F55	10.21 G55	15.74 H55	12.4 I55	78.68 J55	22.48285714 K55 =AVERAGE(D55:J55)	78.7 L55 =SUM(D55:I55)		
	48.0 B56	NPK C1 8 C56	12.75 D56	16.26 E56	10.81 F56	0.6 G56	13.85 H56	10.9 I56	65.14 J56	18.61571429 K56 =AVERAGE(D56:J56)	65.17 L56 =SUM(D56:I56)		
	49.0 B57	NPK C1 9 C57	15.72 D57	20.3 E57	22.75 F57	19.4 G57	18.55 H57	12.62 I57	109.31 J57	31.23571429 K57 =AVERAGE(D57:J57)	109.34 L57 =SUM(D57:I57)		

	50.0 B58	NPK C1 10 C58	11.31 D58	10.07 E58	6.42 F58	6.45 G58	6.74 H58	12.1 I58	53.05 J58	15.16285714 K58 =AVERAGE(D58:J58)	53.09 L58 =SUM(D58:I58)		
		Mean C59							83.954 J59 =AVERAGE(J49:J58)	23.991 K59 =AVERAGE(K49:K58)	83.983 L59 =AVERAGE(L49:L58)		
	51.0 B60	NPK C2 1 C60	5.46 D60	7.4 E60	25.19 F60	17.26 G60	12.66 H60	18.63 I60	86.57 J60	24.73857143 K60 =AVERAGE(D60:J60)	86.6 L60 =SUM(D60:I60)	27.0 M60	30.0 N60
	52.0 B61	NPK C2 2 C61	19.39 D61	7.12 E61	20.75 F61	23.02 G61	21.91 H61		92.15 J61	30.72333333 K61 =AVERAGE(D61:J61)	92.19 L61 =SUM(D61:I61)	33.0 M61	40.0 N61
	53.0 B62	NPK C2 3 C62	15.75 D62	24.0 E62	9.21 F62	22.84 G62	14.77 H62	26.55 I62	113.1 J62	32.31714286 K62 =AVERAGE(D62:J62)	113.12 L62 =SUM(D62:I62)	31.0 M62	39.0 N62
	54.0 B63	NPK C2 4 C63	28.11 D63	24.95 E63	23.48 F63	16.06 G63	21.37 H63	20.73 I63	134.65 J63	38.47857143 K63 =AVERAGE(D63:J63)	134.7 L63 =SUM(D63:I63)	31.0 M63	31.0 N63
	55.0 B64	NPK C2 5 C64	19.05 D64	6.41 E64	25.1 F64	17.94 G64	27.08 H64	27.78 I64	123.33 J64	35.24142857 K64 =AVERAGE(D64:J64)	123.36 L64 =SUM(D64:I64)		
	56.0 B65	NPK C2 6 C65	22.09 D65	14.13 E65	18.89 F65	9.95 G65	18.12 H65	21.51 I65	104.66 J65	29.90714286 K65 =AVERAGE(D65:J65)	104.69 L65 =SUM(D65:I65)		
	57.0 B66	NPK C2 7 C66	26.46 D66	21.46 E66	22.79 F66	27.29 G66	19.88 H66		117.85 J66	39.28833333 K66 =AVERAGE(D66:J66)	117.88 L66 =SUM(D66:I66)		
	58.0 B67	NPK C2 8 C67	14.65 D67	12.57 E67	3.92 F67	5.57 G67	24.32 H67	26.84 I67	87.86 J67	25.10428571 K67 =AVERAGE(D67:J67)	87.87 L67 =SUM(D67:I67)		
	59.0 B68	NPK C2 9 C68	19.13 D68	29.93 E68	17.94 F68				67.0 J68	22.33333333 K68 =AVERAGE(D68:J68)	67 L68 =SUM(D68:I68)		
	60.0 B69	NPK C2 10 C69	17.57 D69	28.22 E69	14.91 F69	14.94 G69	22.33 H69		97.94 J69	32.65166667 K69 =AVERAGE(D69:J69)	97.97 L69 =SUM(D69:I69)		
		Mean C70							102.511 J70 =AVERAGE(J60:J69)	31.07838095 K70 =AVERAGE(K60:K69)	102.538 L70 =AVERAGE(L60:L69)		
	Peas 1 in substrate, summary B72												
	Treatment code B73	Fresh biomass per pot, g C73	% vs K D73	Mean fresh biomass per plant, g E73	% vs K F73	Mean root length, cm G73	% vs K H73	Dry matter, % (Cabinet Regulation No. 518) I73	% vs K J73	Protein in dry matter, % (elemental analysis, dry combustion) K73	% vs K L73	Crude fibre in dry matter, % (ISO 5498:1981) M73	% vs K N73
	K B74	18.848999999999997 C74		3.276633333333333 E74		34.66666666666667 G74		25.909 I74		17.82 K74		30.99 M74	
	C1 B75	19.8300000000000002 C75	105.2045201 D75 =C75/\$C\$74*100	5.5365 E75	168.9691655 F75 =E75/\$E\$74*100	34.374999999999999 G75	99.15865385 H75 =G75/\$G\$74*100	25.1259999999999998 I75	96.97788413 J75 =I75/\$I\$74*100	25.04 K75	140.5162738 L75 =K75/\$K\$74*100	22.95 M75	74.05614714 N75 =M75/\$M\$74*100
	C2 B76	18.565 C76	98.49328877 D76 =C76/\$C\$74*100	3.1021666666666667 E76	94.67542905 F76 =E76/\$E\$74*100	35.9166666666666664 G76	103.6057692 H76 =G76/\$G\$74*100	24.51 I76	94.60033193 J76 =I76/\$I\$74*100	22.22 K76	124.691358 L76 =K76/\$K\$74*100	24.44 M76	78.86414973 N76 =M76/\$M\$74*100
	NPK B77	76.55111111111111 C77		13.8555555555555556 E77		33.5833333333333336 G77		19.8199999999999997 I77		22.81 K77		26.1 M77	

	NPK C1 B78	83.954 C78	109.6705179 D78 =C78/\$C\$77*100	23.99100000000000 3 E78	173.1507618 F78 =E78/\$E\$77*100	31.625 G78	94.16873449 H78 =G78/\$G\$77*100	16.695 I78	84.23309788 J78 =I78/\$I\$77*100	17.61 K78	77.20298115 L78 =K78/\$K\$77*100	29.93 M78	114.6743295 N78 =M78/\$M\$77*100
	NPK C2 B79	102.5110000000000 1 C79	133.9118381 D79 =C79/\$C\$77*100	31.07838095238095 E79	224.3026693 F79 =E79/\$E\$77*100	32.08333333333333 6 G79	95.53349876 H79 =G79/\$G\$77*100	14.522 I79	73.26942482 J79 =I79/\$I\$77*100	18.6 K79	81.54318281 L79 =K79/\$K\$77*100	30.36 M79	116.3218391 N79 =M79/\$M\$77*100
	Peas 2 in soil, summary B81												
	Treatment code B82	Fresh biomass per plant, g C82	% vs K D82	Dry matter, % E82	Plant length, cm F82	% vs K G82	Tendrill count, pcs. H82		Treatment code J82	Root length, cm K82	% vs K L82	Root mass, g M82	% vs K N82
	K B83	10.3275 C83		18.14 E83	58.0 F83		15.25 H83		K J83	22.95000000000000 3 K83		7.675000000000001 M83	
	C1 B84	12.47750000000000 1 C84	120.8182038 D84 =C84/\$C\$83*100	18.32 E84	68.75 F84	118.5344828 G84 =F84/\$F\$83*100	15.75 H84		C1 J84	23.77500000000000 2 K84	103.5947712 L84 =K84/\$K\$83*100	8.145000000000001 M84	106.1237785 N84 =M84/\$M\$83*100
	C2 B85	12.24 C85	118.5185185 D85 =C85/\$C\$83*100	21.3 E85	68.625 F85	118.3189655 G85 =F85/\$F\$83*100	15.5 H85		C2 J85	26.025 K85	113.3986928 L85 =K85/\$K\$83*100	9.2725 M85	120.8143322 N85 =M85/\$M\$83*100
	N C1 B86	13.1 C86	126.8458 D86 =C86/\$C\$83*100	19.51 E86	66.7 F86	115 G86 =F86/\$F\$83*100	16.75 H86		N C1 J86	22.875 K86	99.67320261 L86 =K86/\$K\$83*100	9.200000000000001 M86	119.8697068 N86 =M86/\$M\$83*100
	N C2 B87	13.1825 C87	127.6446381 D87 =C87/\$C\$83*100	16.84 E87	67.57499999999999 F87	116.5086207 G87 =F87/\$F\$83*100	15.5 H87		N C2 J87	27.675 K87	120.5882353 L87 =K87/\$K\$83*100	11.055 M87	144.0390879 N87 =M87/\$M\$83*100
		TN-125/25, 08.10.25. C91										TN-166/25, 28.11.25. M91	
		Peas 1, plants C92										Peas 2, plants M92	
		Customer-assigned identification No. C93	Parameter and test method D93									Customer-assigned identification No. M93	Parameter and test method N93
			Dry matter, % (Cabinet Regulation No. 518) D94	Protein in dry matter, % (elemental analysis, dry combustion) E94	Crude fibre in dry matter, % (ISO 5498:1981) F94	Potassium in dry matter, % (LVS EN ISO 6869:2002) G94	Phosphorus in dry matter, g/kg (ISO 6491:1998) H94	NDF in dry matter, % (LVS EN ISO 16472:2006) I94	ADF in dry matter, % (ISO 13906:2008) J94				Dry matter, % (Cabinet Regulation No. 518) N94
		K 1 C95	28.19 D95	17.82 E95	30.99 F95	1.97 G95	1.59 H95	46.33 I95	41.41 J95			1.N C2 M95	17.04 N95
		K 2 C96	25.97 D96									2.N C2 M96	17.83 N96
		K 3 C97	26.85 D97									3.N C2 M97	14.34 N97
		K 4 C98	25.55 D98									4.N C2 M98	18.14 N98
		K 5 C99	25.41 D99									1.N C1 M99	17.3 N99
		K 6 C100	27.53 D100									2.N C1 M100	21.02 N100
		K 7 C101	25.45 D101									3.N C1 M101	21.4 N101
		K 8 C102	24.73 D102									4.N C1 M102	18.32 N102

		K 9 C103	23.95 D103									1.C1 M103	15.83 N103
		K 10 C104	25.46 D104									2.C1 M104	18.65 N104
		NPK 1 C105	16.79 D105	22.81 E105	26.1 F105	4.35 G105	6.67 H105	42.2 I105	35.35 J105			3.C1 M105	19.75 N105
		NPK 2 C106	17.61 D106									4.C1 M106	19.06 N106
		NPK 3 C107	19.42 D107									1.C2 M107	21.83 N107
		NPK 4 C108	20.03 D108									2.C2 M108	23.12 N108
		NPK 5 C109	21.84 D109									3.C2 M109	20.56 N109
		NPK 6 C110	17.32 D110									4.C2 M110	19.67 N110
		NPK 7 C111	22.41 D111									1.K M111	18.26 N111
		NPK 8 C112	20.98 D112									2.K M112	17.01 N112
		NPK 9 C113	21.98 D113									3.K M113	16.86 N113
		NPK 10 C114	- D114									4.K M114	20.43 N114
		C1 1 C115	24.97 D115	25.04 E115	22.95 F115	4.6 G115	6.73 H115	38.41 I115	31.4 J115				
		C1 2 C116	25.83 D116										
		C1 3 C117	26.37 D117										
		C1 4 C118	25.66 D118										
		C1 5 C119	27.12 D119										
		C1 6 C120	24.54 D120										
		C1 7 C121	24.34 D121										
		C1 8 C122	24.43 D122										
		C1 9 C123	23.57 D123										
		C1 10 C124	24.43 D124										
		C2 1 C125	26.07 D125	22.22 E125	24.44 F125	4.28 G125	5.98 H125	39.25 I125	35.66 J125				
		C2 2 C126	25.19 D126										
		C2 3 C127	22.89 D127										
		C2 4 C128	25.15 D128										

		C2 5 C129	25.2 D129										
		C2 6 C130	23.86 D130										
		C2 7 C131	24.24 D131										
		C2 8 C132	24.27 D132										
		C2 9 C133	24.47 D133										
		C2 10 C134	23.76 D134										
		NPK C1 1 C135	14.36 D135	17.61 E135	29.93 F135	1.97 G135	1.54 H135	47.45 I135	43.37 J135				
		NPK C1 2 C136	17.9 D136										
		NPK C1 3 C137	17.36 D137										
		NPK C1 4 C138	15.51 D138										
		NPK C1 5 C139	15.86 D139										
		NPK C1 6 C140	15.23 D140										
		NPK C1 7 C141	17.64 D141										
		NPK C1 8 C142	18.26 D142										
		NPK C1 9 C143	15.79 D143										
		NPK C1 10 C144	19.04 D144										
		NPK C2 1 C145	14.24 D145	18.6 E145	30.36 F145	2.08 G145	1.51 H145	46.18 I145	39.7 J145				
		NPK C2 2 C146	14.74 D146										
		NPK C2 3 C147	14.07 D147										
		NPK C2 4 C148	14.27 D148										
		NPK C2 5 C149	14.55 D149										
		NPK C2 6 C150	14.36 D150										
		NPK C2 7 C151	14.23 D151										
		NPK C2 8 C152	14.77 D152										
		NPK C2 9 C153	14.81 D153										
		NPK C2 10 C154	15.18 D154										

		TA-59/25, 23.10.2025 C157											
		Customer-assigned identification No. C159	Parameter and test method D159										
			*pH (LVS ISO 10390:2022) in KCl solution, c = 1 mol/l D160	Organic matter, % (Ministry of Agriculture procedure No. 1 of 4 January 2022, Annex 5, Method 1) E160	Available phosphorus P2O5, mg/kg (Egner-Riehm method) F160	Available potassium K2O, mg/kg (Egner- Riehm method) G160	Total nitrogen, mg/g (LVS EN ISO 11261:2002) H160	Moisture, % (LVS EN ISO 11465:2006) I160					
		SKL1, peas, 14.10.25. C161	5.81 D161	2.03 E161	355.17 F161	236.5 G161	0.81 H161	0.89 I161					

Table 4

	Peas 1 in substrate B3												
	Plants B4					Mean S4	Dry matter, % (Cabinet Regulation No. 518) T4	Protein in dry matter, % (elemental analysis, dry combustion) U4	Crude fibre in dry matter, % (ISO 5498:1981) V4	Potassium in dry matter, % (LVS EN ISO 6869:2002) W4	Phosphorus in dry matter, g/kg (ISO 6491:1998) X4	NDF in dry matter, % (LVS EN ISO 16472:2006) Y4	ADF in dry matter, % (ISO 13906:2008) Z4
	1.0 B5	31.0 O5	40.0 P5	48.0 Q5	33.0 R5	37.83333333 S5 =AVERAGE (M5 : R5)	28.19 T5						
	2.0 B6	33.0 O6	39.0 P6	50.0 Q6	29.0 R6	35.58333333 S6 =AVERAGE (M6 : R6)	25.97 T6						
	3.0 B7	37.0 O7	33.0 P7	34.0 Q7	25.0 R7	33 S7 =AVERAGE (M7 : R7)	26.85 T7						
	4.0 B8	24.5 O8	35.5 P8	35.0 Q8	33.0 R8	32.25 S8 =AVERAGE (M8 : R8)	25.55 T8						
	5.0 B9						25.41 T9						
	6.0 B10						27.53 T10						
	7.0 B11						25.45 T11						
	8.0 B12						24.73 T12						
	9.0 B13						23.95 T13						
	10.0 B14						25.46 T14						
						34.66666667 S15 =AVERAGE (S5 : S14)	25.909 T15 =AVERAGE (T5 : T14)	17.82 U15	30.99 V15	1.97 W15	1.59 X15	46.33 Y15	41.41 Z15
	21.0 B16	39.0 O16	32.0 P16	29.0 Q16	34.0 R16	32.5 S16 =AVERAGE (M16 : R16)	24.97 T16						
	22.0 B17	27.0 O17	40.0 P17	27.0 Q17	38.0 R17	35.16666667 S17 =AVERAGE (M17 : R17)	25.83 T17						

	23.0 B18	33.0 O18	36.0 P18	33.0 Q18	32.0 R18	34.66666667 S18 =AVERAGE (M18 : R18)	26.37 T18						
	24.0 B19	34.0 O19	32.0 P19	30.0 Q19	41.0 R19	35.16666667 S19 =AVERAGE (M19 : R19)	25.66 T19						
	25.0 B20						27.12 T20						
	26.0 B21						24.54 T21						
	27.0 B22						24.34 T22						
	28.0 B23						24.43 T23						
	29.0 B24						23.57 T24						
	30.0 B25						24.43 T25						
						34.375 S26 =AVERAGE (S16 : S25)	25.126 T26 =AVERAGE (T16 : T25)	25.04 U26	22.95 V26	4.6 W26	6.73 X26	38.41 Y26	31.4 Z26
	31.0 B27	41.0 O27	45.0 P27	37.0 Q27	44.0 R27	40.16666667 S27 =AVERAGE (M27 : R27)	26.07 T27						
	32.0 B28	35.0 O28	22.0 P28	31.0 Q28	27.0 R28	30 S28 =AVERAGE (M28 : R28)	25.19 T28						
	33.0 B29	37.0 O29	42.0 P29	34.0 Q29	32.0 R29	35.33333333 S29 =AVERAGE (M29 : R29)	22.89 T29						
	34.0 B30	40.0 O30	35.0 P30	39.0 Q30	33.0 R30	38.16666667 S30 =AVERAGE (M30 : R30)	25.15 T30						
	35.0 B31						25.2 T31						
	36.0 B32						23.86 T32						
	37.0 B33						24.24 T33						
	38.0 B34						24.27 T34						
	39.0 B35						24.47 T35						
	40.0 B36						23.76 T36						
						35.91666667 S37 =AVERAGE (S27 : S36)	24.51 T37 =AVERAGE (T27 : T36)	22.22 U37	24.44 V37	4.28 W37	5.98 X37	39.25 Y37	35.66 Z37
	11.0 B38	34.0 O38	38.0 P38	33.0 Q38	27.0 R38	31.5 S38 =AVERAGE (M38 : R38)	16.79 T38						
	12.0 B39	25.0 O39	31.0 P39	29.0 Q39	30.0 R39	30.66666667 S39 =AVERAGE (M39 : R39)	17.61 T39						

	13.0 B40	44.0 O40	34.0 P40	40.0 Q40	45.0 R40	38 S40 =AVERAGE (M40 : R40)	19.42 T40						
	14.0 B41	35.0 O41	31.0 P41	33.0 Q41	39.0 R41	34.16666667 S41 =AVERAGE (M41 : R41)	20.03 T41						
	15.0 B42						21.84 T42						
	16.0 B43						17.32 T43						
	17.0 B44						22.41 T44						
	18.0 B45						20.98 T45						
	19.0 B46						21.98 T46						
	20.0 B47						- T47						
						33.58333333 S48 =AVERAGE (S38 : S47)	19.82 T48 =AVERAGE (T38 : T47)	22.81 U48	26.1 V48	4.35 W48	6.67 X48	42.2 Y48	35.35 Z48
	41.0 B49	37.0 O49	31.0 P49	27.0 Q49	26.0 R49	32.5 S49 =AVERAGE (M49 : R49)	14.36 T49						
	42.0 B50	30.0 O50	32.0 P50	35.0 Q50	35.0 R50	32.33333333 S50 =AVERAGE (M50 : R50)	17.9 T50						
	43.0 B51	28.0 O51	26.0 P51	27.0 Q51	39.0 R51	31.83333333 S51 =AVERAGE (M51 : R51)	17.36 T51						
	44.0 B52	30.0 O52	24.0 P52	38.0 Q52	40.0 R52	29.83333333 S52 =AVERAGE (M52 : R52)	15.51 T52						
	45.0 B53						15.86 T53						
	46.0 B54						15.23 T54						
	47.0 B55						17.64 T55						
	48.0 B56						18.26 T56						
	49.0 B57						15.79 T57						
	50.0 B58						19.04 T58						
						31.625 S59 =AVERAGE (S49 : S58)	16.695 T59 =AVERAGE (T49 : T58)	17.61 U59	29.93 V59	1.97 W59	1.54 X59	47.45 Y59	43.37 Z59
	51.0 B60	33.0 O60	29.0 P60	32.0 Q60	31.0 R60	30.33333333 S60 =AVERAGE (M60 : R60)	14.24 T60						
	52.0 B61	29.0 O61	37.0 P61	33.0 Q61	40.0 R61	35.33333333 S61 =AVERAGE (M61 : R61)	14.74 T61						

	53.0 B62	26.0 O62	32.0 P62	36.0 Q62	30.0 R62	32.33333333 S62 =AVERAGE (M62 : R62)	14.07 T62						
	54.0 B63	28.0 O63	32.0 P63	36.0 Q63	24.0 R63	30.33333333 S63 =AVERAGE (M63 : R63)	14.27 T63						
	55.0 B64						14.55 T64						
	56.0 B65						14.36 T65						
	57.0 B66						14.23 T66						
	58.0 B67						14.77 T67						
	59.0 B68						14.81 T68						
	60.0 B69						15.18 T69						
						32.08333333 S70 =AVERAGE (S60 : S69)	14.522 T70 =AVERAGE (T60 : T69)	18.6 U70	30.36 V70	2.08 W70	1.51 X70	46.18 Y70	39.7 Z70
	Peas 1 in substrate, summary B72												
	Treatment code B73	Potassium in dry matter, % (LVS EN ISO 6869:2002) O73	Phosphorus in dry matter, g/kg (ISO 6491:1998) P73	NDF in dry matter, % (LVS EN ISO 16472:2006) Q73	% vs K R73	ADF in dry matter, % (ISO 13906:2008) S73	% vs K T73						
	K B74	1.97 O74	1.59 P74	46.33 Q74		41.41 S74							
	C1 B75	4.6 O75	6.73 P75	38.41 Q75	82.90524498 R75 =Q75/\$Q\$74*100	31.4 S75	75.8270949 T75 =S75/\$S\$74*100						
	C2 B76	4.28 O76	5.98 P76	39.25 Q76	84.71832506 R76 =Q76/\$Q\$74*100	35.66 S76	86.11446511 T76 =S76/\$S\$74*100						
	NPK B77	4.35 O77	6.67 P77	42.2 Q77		35.35 S77							
	NPK C1 B78	1.97 O78	1.54 P78	47.45 Q78	112.4407583 R78 =Q78/\$Q\$77*100	43.37 S78	122.6874116 T78 =S78/\$S\$77*100						
	NPK C2 B79	2.08 O79	1.51 P79	46.18 Q79	109.4312796 R79 =Q79/\$Q\$77*100	39.7 S79	112.3055163 T79 =S79/\$S\$77*100						
	Peas 2 in soil, summary B81												
	Treatment code B82	Dry matter, % O82											
	K B83	10.64 O83											
	C1 B84	11.24 O84											
	C2 B85	11.79 O85											

	N C1 B86	13.35 O86											
	N C2 B87	16.32 O87											
			TN-167/25, 28.11.25. P91										
			Peas 2, roots P92										
			Customer-assigned identification No. P93	Parameter and test method Q93									
				Dry matter, % (Cabinet Regulation No. 518) Q94									
			1.N C2 P95	19.13 Q95									
			2.N C2 P96	14.14 Q96									
			3.N C2 P97	14.29 Q97									
			4.N C2 P98	17.7 Q98									
			1.N C1 P99	16.77 Q99									
			2.N C1 P100	12.3 Q100									
			3.N C1 P101	11.77 Q101									
			4.N C1 P102	12.55 Q102									
			1.C1 P103	10.99 Q103									
			2.C1 P104	10.22 Q104									
			3.C1 P105	12.1 Q105									
			4.C1 P106	11.65 Q106									
			1.C2 P107	11.49 Q107									
			2.C2 P108	11.14 Q108									
			3.C2 P109	12.6 Q109									
			4.C2 P110	11.93 Q110									
			1.K P111	12.02 Q111									
			2.K P112	10.13 Q112									
			3.K P113	9.87 Q113									

Table 4

	Peas 1 in substrate B3		Peas 2 in soil AB3		25.11.2025. Adrians AD3								
	Plants B4		Plants AB4	Treatment code AC4	Fresh biomass per plant, g AD4	Dry matter, % AE4	Plant length, cm AF4	Tendrils count, pcs. AG4	Root length, cm AH4	Root mass, g AI4	Dry matter, % AJ4		
	1.0 B5		1.0 AB5	K AC5	10.95 AD5	18.26 AE5	59.0 AF5	15.0 AG5	19.5 AH5	10.15 AI5	12.02 AJ5	powdery mildew AK5	
	2.0 B6		2.0 AB6	K AC6	13.7 AD6	17.01 AE6	72.0 AF6	16.0 AG6	27.2 AH6	6.81 AI6	10.13 AJ6	powdery mildew AK6	
	3.0 B7		3.0 AB7	K AC7	6.82 AD7	16.86 AE7	41.0 AF7	15.0 AG7	21.0 AH7	5.57 AI7	9.87 AJ7	powdery mildew AK7	
	4.0 B8		4.0 AB8	K AC8	9.84 AD8	20.43 AE8	60.0 AF8	15.0 AG8	24.1 AH8	8.17 AI8	10.53 AJ8		
	5.0 B9			Mean AC9	10.3275 AD9 =AVERAGE (AD5 : AD8)	18.14 AE9 =AVERAGE (AE5 : AE8)	58 AF9 =AVERAGE (AF5 : AF8)	15.25 AG9 =AVERAGE (AG5 : AG8)	22.95 AH9 =AVERAGE (AH5 : AH8)	7.675 AI9 =AVERAGE (AI5 : AI8)	10.6375 AJ9 =AVERAGE (AJ5 : AJ8)		
	6.0 B10		1.0 AB10	C1 AC10	13.08 AD10	15.83 AE10	72.0 AF10	16.0 AG10	28.2 AH10	7.28 AI10	10.99 AJ10	powdery mildew AK10	
	7.0 B11		2.0 AB11	C1 AC11	11.85 AD11	18.65 AE11	65.5 AF11	16.0 AG11	18.0 AH11	8.32 AI11	10.22 AJ11	powdery mildew AK11	
	8.0 B12		3.0 AB12	C1 AC12	12.81 AD12	19.75 AE12	67.0 AF12	15.0 AG12	25.2 AH12	9.17 AI12	12.1 AJ12	powdery mildew AK12	
	9.0 B13		4.0 AB13	C1 AC13	12.17 AD13	19.06 AE13	70.5 AF13	16.0 AG13	23.7 AH13	7.81 AI13	11.65 AJ13	powdery mildew AK13	
	10.0 B14			Mean AC14	12.4775 AD14 =AVERAGE (AD10 : AD13)	18.3225 AE14 =AVERAGE (AE10 : AE13)	68.75 AF14 =AVERAGE (AF10 : AF13)	15.75 AG14 =AVERAGE (AG10 : AG13)	23.775 AH14 =AVERAGE (AH10 : AH13)	8.145 AI14 =AVERAGE (AI10 : AI13)	11.24 AJ14 =AVERAGE (AJ10 : AJ13)		
			1.0 AB15	C2 AC15	10.26 AD15	21.83 AE15	63.5 AF15	15.0 AG15	25.9 AH15	7.05 AI15	11.49 AJ15	powdery mildew AK15	
	21.0 B16		2.0 AB16	C2 AC16	10.25 AD16	23.12 AE16	67.0 AF16	15.0 AG16	22.4 AH16	7.9 AI16	11.14 AJ16	powdery mildew AK16	
	22.0 B17		3.0 AB17	C2 AC17	13.96 AD17	20.56 AE17	73.0 AF17	16.0 AG17	18.8 AH17	10.4 AI17	12.6 AJ17	powdery mildew AK17	

	23.0 B18		4.0 AB18	C2 AC18	14.49 AD18	19.67 AE18	71.0 AF18	16.0 AG18	37.0 AH18	11.74 AI18	11.93 AJ18	powdery mildew AK18	
	24.0 B19			Mean AC19	12.24 AD19 =AVERAGE (AD15 : AD18)	21.295 AE19 =AVERAGE (AE15 : AE18)	68.625 AF19 =AVERAGE (AF15 : AF18)	15.5 AG19 =AVERAGE (AG15 : AG18)	26.025 AH19 =AVERAGE (AH15 : AH18)	9.2725 AI19 =AVERAGE (AI15 : AI18)	11.79 AJ19 =AVERAGE (AJ15 : AJ18)		
	25.0 B20		1.0 AB20	N C1 AC20	12.2 AD20	17.3 AE20	65.8 AF20	16.0 AG20	22.5 AH20	9.6 AI20	16.77 AJ20		
	26.0 B21		2.0 AB21	N C1 AC21	13.08 AD21	21.02 AE21	70.0 AF21	16.0 AG21	22.0 AH21	11.46 AI21	12.3 AJ21		
	27.0 B22		3.0 AB22	N C1 AC22	14.02 AD22	21.4 AE22	64.0 AF22	19.0 AG22	23.9 AH22	8.41 AI22	11.77 AJ22		
	28.0 B23		4.0 AB23	N C1 AC23	13.1 AD23	18.32 AE23	67.0 AF23	16.0 AG23	23.1 AH23	7.33 AI23	12.55 AJ23		
	29.0 B24			Mean AC24	13.1 AD24 =AVERAGE (AD20 : AD23)	19.51 AE24 =AVERAGE (AE20 : AE23)	66.7 AF24 =AVERAGE (AF20 : AF23)	16.75 AG24 =AVERAGE (AG20 : AG23)	22.875 AH24 =AVERAGE (AH20 : AH23)	9.2 AI24 =AVERAGE (AI20 : AI23)	13.3475 AJ24 =AVERAGE (AJ20 : AJ23)		
	30.0 B25		1.0 AB25	N C2 AC25	14.85 AD25	17.04 AE25	63.4 AF25	17.0 AG25	27.0 AH25	15.16 AI25	19.13 AJ25		
			2.0 AB26	N C2 AC26	13.29 AD26	17.83 AE26	69.3 AF26	16.0 AG26	28.4 AH26	12.16 AI26	14.14 AJ26		
	31.0 B27		3.0 AB27	N C2 AC27	12.41 AD27	14.34 AE27	72.6 AF27	14.0 AG27	25.3 AH27	10.29 AI27	14.29 AJ27		
	32.0 B28		4.0 AB28	N C2 AC28	12.18 AD28	18.14 AE28	65.0 AF28	15.0 AG28	30.0 AH28	6.61 AI28	17.7 AJ28		
	33.0 B29			Mean AC29	13.1825 AD29 =AVERAGE (AD25 : AD28)	16.8375 AE29 =AVERAGE (AE25 : AE28)	67.575 AF29 =AVERAGE (AF25 : AF28)	15.5 AG29 =AVERAGE (AG25 : AG28)	27.675 AH29 =AVERAGE (AH25 : AH28)	11.055 AI29 =AVERAGE (AI25 : AI28)	16.315 AJ29 =AVERAGE (AJ25 : AJ28)		
	34.0 B30												
	35.0 B31												
	36.0 B32												
	37.0 B33												
	38.0 B34												
	39.0 B35												
	40.0 B36												
	11.0 B38												
	12.0 B39												
	13.0 B40												
	14.0 B41												
	15.0 B42												

	16.0 B43												
	17.0 B44												
	18.0 B45												
	19.0 B46												
	20.0 B47												
	41.0 B49												
	42.0 B50												
	43.0 B51												
	44.0 B52												
	45.0 B53												
	46.0 B54												
	47.0 B55												
	48.0 B56												
	49.0 B57												
	50.0 B58												
	51.0 B60												
	52.0 B61												
	53.0 B62												
	54.0 B63												
	55.0 B64												
	56.0 B65												
	57.0 B66												
	58.0 B67												
	59.0 B68												
	60.0 B69												

Table 4

	Peas 1 in substrate B3												
	Plants B4												
	1.0 B5												
	2.0 B6												
	3.0 B7												
	4.0 B8												
	5.0 B9												
	6.0 B10												
	7.0 B11												
	8.0 B12												
	9.0 B13												
	10.0 B14												
	21.0 B16												
	22.0 B17												
	23.0 B18												
	24.0 B19												
	25.0 B20												
	26.0 B21												
	27.0 B22												
	28.0 B23												
	29.0 B24												
	30.0 B25												
	31.0 B27												

	32.0 B28												
	33.0 B29												
	34.0 B30												
	35.0 B31												
	36.0 B32												
	37.0 B33												
	38.0 B34												
	39.0 B35												
	40.0 B36												
	11.0 B38												
	12.0 B39												
	13.0 B40												
	14.0 B41												
	15.0 B42												
	16.0 B43												
	17.0 B44												
	18.0 B45												
	19.0 B46												
	20.0 B47												
	41.0 B49												
	42.0 B50												
	43.0 B51												
	44.0 B52												
	45.0 B53												
	46.0 B54												
	47.0 B55												

	48.0 B56												
	49.0 B57												
	50.0 B58												
	51.0 B60												
	52.0 B61												
	53.0 B62												
	54.0 B63												
	55.0 B64												
	56.0 B65												
	57.0 B66												
	58.0 B67												
	59.0 B68												
	60.0 B69												
	Peas 1 in substrate, summary B72												
	Treatment code B73												
	K B74												
	C1 B75												
	C2 B76												
	NPK B77												
	NPK C1 B78												
	NPK C2 B79												
	Peas 2 in soil, summary B81												
	Treatment code B82												
	K B83												
	C1 B84												

	9.0 B13						
	10.0 B14						
	21.0 B16						
	22.0 B17						
	23.0 B18						
	24.0 B19						
	25.0 B20						
	26.0 B21						
	27.0 B22						
	28.0 B23						
	29.0 B24						
	30.0 B25						
	31.0 B27						
	32.0 B28						
	33.0 B29						
	34.0 B30						
	35.0 B31						
	36.0 B32						
	37.0 B33						
	38.0 B34						
	39.0 B35						
	40.0 B36						
	11.0 B38						
	12.0 B39						
	13.0 B40						
	14.0 B41						

	15.0 B42						
	16.0 B43						
	17.0 B44						
	18.0 B45						
	19.0 B46						
	20.0 B47						
	41.0 B49						
	42.0 B50						
	43.0 B51						
	44.0 B52						
	45.0 B53						
	46.0 B54						
	47.0 B55						
	48.0 B56						
	49.0 B57						
	50.0 B58						
	51.0 B60						
	52.0 B61						
	53.0 B62						
	54.0 B63						
	55.0 B64						
	56.0 B65						
	57.0 B66						
	58.0 B67						
	59.0 B68						
	60.0 B69						

Worksheet: Trial layout

Table 5

Table 5

Table 5

Table 5