

APPENDICES

Appendix (1) Physical and chemical analysis of the studied soil before sowing:

A.v P Mgkg ⁻¹ Soil	ESP	SAR	CEC cmol(+)Kg ⁻¹ soil	Exch. cations cmol(+)Kg ⁻¹ soil		soluble Anions mel ⁻¹		Soluble cations mel ⁻¹			O.C %	N %	CaCo ₃ %	E.C ds/m	PH paste	Sample no
				K ⁺	Na ⁺	Hco ₃	Cl ⁻	Mg ⁺⁺	Ca ⁺⁺	Na ⁺						
4.2	4	3	30	0.6	1.3	3.5	2.5	1.5	1.5	2.5	0.203	0.071	4.1	0.73	7.3	1
4.3	3	3	31	0.6	1.3	3.7	2.3	1.0	2.0	2.7	0.290	0.068	4.3	0.63	7.4	2
4.3	3	2	31	0.6	1.2	3.5	2.4	1.0	2.2	2.7	0.203	0.070	4.6	0.48	7.4	3

Bulk Density		1/3 bar	saturati on	<i>Physical Properties</i>				
Moist g cm-3	Dry g cm- 3			C %	Si %	FS %	CS %	
1.32	1.72	33.0	78	35	65	0	0	1
1.46	1.70	34.0	78	36	61	3	0	2
1.40	1.68	34.0	78	36	62	2	0	3

Appendix (2) Mean of Marketable fruits as affected by salinity levels, in the two season (2011/2012 and 2012/2013)

Salinity level due C	Season 1								Season 2							
	Marketable yield								Marketable yield							
	No1	Wet1	No2	Wet 2	No3	Wet3	No4	Wet4	No1	Wet1	No2	We2	No3	Wet3	No4	Wet4
C ₀	1.36	82.6	2.83	164.3	2.97	192.0	2.33	195.2	4.23	265.7	4.06	291.0	2.05	183.5	2.08	165.30
C ₁	1.56	3	2.45	0	3.05	0	2.20	0	4.40	0	3.89	0	1.92	0	2.50	143.70
C ₂	1.06	84.6	2.11	155.6	2.31	169.6	2.17	177.8	3.19	273.4	3.46	264.7	1.94	167.5	1.92	141.90
C ₃	1.11	0	1.95	0	2.47	0	1.97	0	3.03	0	3.53	0	1.75	0	1.92	140.60
C ₄	1.01	79.3	1.64	128.8	1.94	168.9	1.47	172.6	2.65	242.3	2.67	252.0	1.33	161.0	1.61	101.50
C ₅	0.89	0	1.58	0	1.55	0	1.33	0	2.44	0	2.28	0	1.11	0	1.28	81.99
C ₆	0.72	74.7	1.06	120.5	1.47	164.4	1.31	163.1	2.44	201.8	2.24	228.8	1.11	152.7	0.97	81.84
		66.6		102.7		139.9		131.2		194.4		201.3		123.0		
		8		0		0		0		0		0		0		
		53.1		86.68		110.80		114.40		155.5		155.9		96.08		
		4								0		0				

		41.6		71.42		115.90		117.20		159.5		174.0		105.4		
		1								0		0		0		

Appendix (3) Mean of Marketable fruits as affected by fertilizer dose, in the two season (2011/2012 and 2012/2013)

Season 2								Season 1								Salinity level due
Marketable fruits								Marketable fruits								
Wet4	No4	Wet3	No3	We2	No2	Wet1	No1	Wet4	No4	Wet3	No3	We2	No2	Wet1	No1	
91.68	1.16	99.21	1.22	164.0	2.39	143.5	2.48	115.10	1.40	124.3	1.75	70.66	1.48	34.10	0.62	F ₀
106.70	1.70	128.6	1.48	0	3.04	0	2.88	138.9	1.76	0	2.09	97.70	1.87	60.78	0.87	F ₁
125.90	1.97	0	1.73	199.7	3.39	177.7	3.42	0	1.92	133.7	2.54	142.8	2.11	83.79	1.35	F ₂
165.40	2.19	151.6	1.98	0	3.82	0	3.67	162.4	2.22	0	2.63	0	2.32	97.25	1.56	F ₃
		0		233.9		231.9		0		153.9		163.1				
		185.8		0		0		196.0		0		0				
		0		298.2 ^A		299.7		0		194.6						
						0				0						