

Table 1. Combined analysis for the effect of cotton planting date and organic manure on some vegetative growth traits

Treatments	Successful hills %	Plant height at harvest (cm)	Number of vegetative branches/plant	Number of fruiting branches/plant	Height of the first fruiting branch (cm)	Days to first flower appearance	Days to first boll opening
Organic manure (O)							
10 m ³ / fad	92.63	118.22	4.93	12.94	29.63	73.81	115.94
20 m ³ / fad	92.99	117.28	5.24	12.39	32.21	74.06	115.94
Mean	92.8	117.75	5.08	12.66	34.21	73.93	115.94
Planting dates (P)							
March 1 st week (after Fahl)	94.63	114.38	4.75	15.00	20.88	84.25	128.62
March, 1 st week (after 2 cuts of Meskawy)	91.87	115.13	4.25	15.12	22.00	83.5	128.5
April, 1 st week (after 3 cuts of Meskawy)	89.25	117.61	6.36	12.27	33.55	68.88	107.75
May, 1 st week (after 4 cuts of Meskawy)	95.47	123.88	5.01	8.25	47.25	59.12	98.87
Mean	117.75	117.75	5.092	12.66	30.92	74.12	115.93
L.S.D O	N.S	N.S	N.S	0.37	1.29	N.S	N.S
L.S.D P	1.75	3.26	0.61	0.87	1.19	1.18	2.34
L.S.D O x P	S.	S.	N.S	S.	N.S	N.S	S

Table 2. Combine analysis for the effect of cotton planting date and organic manure on seed cotton yield and some yield attributes

Treatments	Number of bolls/ plant		Bolls weight (gm)		Seed cotton yield M.K	Number of bolls/ plant		Bolls weight (gm)		Seed cotton yield M.K
	Open	Closed	Open	Closed		Open	Closed	Open	Closed	
	1 st picking					2 nd picking				
Organic manure (O)										
10 m ³ / fad	13.72	4.12	1.91	1.93	8.35	1.81	1.68	2.12	1.51	1.06
20 m ³ / fad	13.26	4.12	1.83	2.01	8.15	1.68	2.12	2.01	1.45	1.18
Mean	13.49	4.12	1.87	1.97	8.25	1.74	1.9	2.06	1.48	1.12
Planting dates (P)										
March 1 st week (after Fahl)	17.2	2.12	1.98	2.12	11.11	2.00	1.37	2.05	1.42	2.19
March, 1 st week (after 2 cuts of Meskawy)	17.05	2.12	1.99	2.09	10.81	2.12	2.00	2.11	1.56	1.98
April, 1 st week (after 3 cuts of Meskawy)	14.18	3.68	1.76	2.05	9.14	1.75	1.87	2.05	1.52	0.27
May, 1 st week (after 4 cuts of Meskawy)	5.55	6.56	1.76	1.65	1.96	1.12	2.37	2.08	1.41	0.02
Mean	13.49	4.12	1.87	1.97	8.25	1.74	1.9	2.07	1.47	1.12
L.S.D O	N.S	N.S	N.S	N.S	N.S	N.S	N.S	N.S	N.S	0.04
L.S.D P	1.81	0.84	N.S	N.S	0.29	N.S	0.84	N.S	N.S	0.07
L.S.D O x P	N.S	N.S	N.S	N.S	S.	N.S	N.S	N.S	N.S	S.