

**Table (2):** Effect of plant population, nitrogen levels and their interaction on plant height at harvest in 2003 and 2004 seasons.

Population density (plant/fad.)	2003				2004			
	Nitrogen levels, kg/fed.				Nitrogen levels, kg/fed.			
	45	60	75	Mean	45	60	75	Mean
64600	113.37	133.75	142.50	129.87	115.75	115.75	115.75	115.25
51700	114.37	126.25	135.25	125.29	124.24	125.75	125.75	125.25
43100	117.57	125.37	135.50	125.15	134.75	134.20	136.25	135.08
Mean	115.10	128.46	136.75	126.77	124.91	125.25	125.92	125.36

L.S.D. for

Plant population	2.70	N.S
Nitrogen levels	1.80	1.97
Interaction	3.17	N.S

**Table (3):** Effect of plant population, nitrogen levels and their interaction on fruiting branches/plant in 2003 and 2004 seasons.

Population density (plant/fad.)	2003				2004			
	Nitrogen levels, kg/fed.				Nitrogen levels, kg/fed.			
	45	60	75	Mean	45	60	75	Mean
64600	15.62	16.60	17.67	16.63	14.25	15.60	17.10	15.65
51700	15.37	16.50	17.30	16.39	15.25	17.65	17.85	16.92
43100	15.45	17.72	19.57	17.58	16.60	18.30	19.20	18.03
Mean	15.48	16.94	18.18	16.87	15.37	17.18	18.50	16.87

L.S.D. for

Plant population	0.79	0.64
Nitrogen levels	0.67	0.38
Interaction	N.S	N.S

**Table (4):** Effect of plant population, nitrogen levels and their interaction on the location of the first fruiting node in 2003 and 2004 seasons.

Population density (plant/fad.)	2003				2004			
	Nitrogen levels, kg/fed.				Nitrogen levels, kg/fed.			
	45	60	75	Mean	45	60	75	Mean
64600	6.47	6.85	7.80	7.04	6.17	6.25	7.55	6.66
51700	6.85	6.47	6.72	6.68	5.60	6.37	6.27	6.08
43100	6.25	6.22	6.17	6.21	6.05	6.30	6.25	6.20
Mean	6.52	6.51	6.91	6.64	5.94	6.31	6.69	6.31

L.S.D. for

Plant population                      0.37    0.28

Nitrogen levels                        N.S    0.26

Interaction                                N.S    0.44

**Table (5):** Effect of plant population, nitrogen levels and their interaction on number of open bolls/plant in 2003 and 2004 seasons.

Population density (plant/fad.)	2003				2004			
	Nitrogen levels, kg/fed.				Nitrogen levels, kg/fed.			
	45	60	75	Mean	45	60	75	Mean
64600	13.45	14.57	15.38	14.47	13.30	14.05	13.35	13.57
51700	15.17	15.45	16.30	15.64	12.55	15.60	13.45	13.87
43100	14.25	15.50	15.45	15.07	16.70	19.45	18.40	18.18
Mean	14.29	15.17	15.71	15.06	14.18	16.37	15.07	15.12

L.S.D. for

Plant population                      1.01    0.20

Nitrogen levels                        0.40    0.29

Interaction                                N.S    0.51

**Table (6):** Effect of plant population, nitrogen levels and their interaction on boll weight, g in 2003 and 2004 seasons.

Population density (plant/fad.)	2003				2004			
	Nitrogen levels, kg/fed.				Nitrogen levels, kg/fed.			
	45	60	75	Mean	45	60	75	Mean
64600	1.70	1.68	1.62	1.67	1.68	2.01	2.30	1.99
51700	2.60	2.42	2.57	2.53	2.25	2.44	2.14	2.28
43100	2.54	2.66	2.49	2.56	2.36	2.37	2.07	2.27
Mean	2.28	2.25	2.23	2.25	2.10	2.27	2.17	2.18

L.S.D. for

Plant population

0.05

0.09

Nitrogen levels

N.S

0.08

Interaction

N.S

0.15

**Table (7):** Effect of plant population, nitrogen levels and their interaction on seed cotton yield/plant, g in 2003 and 2004 seasons.

Population density (plant/fad.)	2003				2004			
	Nitrogen levels, kg/fed.				Nitrogen levels, kg/fed.			
	45	60	75	Mean	45	60	75	Mean
64600	22.77	25.52	23.02	23.77	22.44	25.22	37.40	28.35
51700	37.94	37.49	39.92	38.45	31.65	38.12	41.66	37.14
43100	39.03	43.37	38.54	40.31	31.47	31.83	38.10	33.80
Mean	33.25	35.46	33.83	34.18	28.52	31.72	39.05	33.09

L.S.D. for

Plant population

4.00

3.09

Nitrogen levels

1.17

1.69

Interaction

2.02

3.42

**Table (8):** Effect of plant population, nitrogen levels and their interaction on number of plants harvest/faddan in 2003 and 2004 seasons.

Population density (plant/fad.)	2003				2004			
	Nitrogen levels, kg/fed.				Nitrogen levels, kg/fed.			
	45	60	75	Mean	45	60	75	Mean
64600	44018.52	45281.03	46194.44	45164.66	46027.69	40768.52	37879.63	41558.61
51700	39324.08	40388.89	39509.26	39740.74	45453.70	45481.48	39084.26	43339.81
43100	35287.03	35370.21	33981.48	35046.24	47740.74	41055.55	37981.23	42259.17
Mean	39709.88	40346.71	39895.06	39983.88	460407.38	42435.18	38315.04	42385.86

L.S.D. for

Plant population

678.99

455.33

Nitrogen levels

N.S

N.S

Interaction

N.S

N.S

**Table (9):** Effect of plant population, nitrogen levels and their interaction on seed cotton yield, kentar /faddan in 2003 and 2004 seasons.

Population density (plant/fad.)	2003				2004			
	Nitrogen levels, kg/fed.				Nitrogen levels, kg/fed.			
	45	60	75	Mean	45	60	75	Mean
64600	9.64	11.58	9.19	10.14	10.00	10.54	11.23	10.59
51700	9.50	10.97	9.55	10.01	10.45	10.12	10.78	10.45
43100	9.73	8.35	9.55	9.21	9.55	10.32	10.94	10.27
Mean	9.62	9.97	9.78	9.79	10.00	10.33	10.98	10.44

L.S.D. for

Plant population

0.33

0.46

Nitrogen levels

0.33

N.S

Interaction

0.57

N.S