

Table(2): Effect of irrigation, salinity and GA₃ on plant height (cm) of jojoba seedlings in the 2003 and 2004 seasons.

Treatments	1 st season (2003)				2 nd season (2004)			
	GA3 ppm (C)			Mean (A)	GA3 ppm (C)			Mean (A)
Irrigation (A)	0 (c1)	50 (c2)	100 (c3)		0 (c1)	50 (c2)	100 (c3)	
100% FC (a1)	54.23	61.36	64.96	60.18	52.39	60.90	68.32	60.54
80% FC (a2)	50.94	54.73	59.08	54.92	46.21	55.41	59.21	53.61
60% FC (a3)	47.45	54.15	57.2	52.93	41.17	51.25	53.10	48.51
Salinity (B)				Mean (B)				Mean (B)
0.0% (b1)	53.03	60.22	65.00	59.42	49.21	58.86	65.84	57.97
0.4% (b2)	50.90	55.48	58.93	55.11	46.28	55.86	58.93	53.69
0.8% (b3)	48.68	54.55	57.31	53.51	44.27	52.84	55.86	50.99
(AB)				Mean (AB)				Mean (AB)
a1b1	58.18	70.43	76.18	68.26	57.20	66.04	80.45	67.89
a1b2	53.03	57.99	60.31	57.11	51.20	58.61	61.93	57.25
a1b3	51.48	55.66	58.39	55.18	48.76	58.05	62.59	56.46
a2b1	52.29	55.51	60.40	56.07	47.65	56.95	61.54	55.38
a2b2	51.82	54.08	59.03	54.98	46.59	54.88	59.08	53.52
a2b3	48.70	54.61	57.82	53.71	44.39	54.41	57.01	51.94
a3b1	48.61	54.72	58.42	53.92	42.80	53.60	55.77	50.65
a3b2	47.86	54.36	57.46	53.23	41.06	54.08	55.75	50.30
a3b3	45.87	53.37	55.71	51.65	39.66	46.06	47.99	44.57
Mean (C)	50.87	56.75	60.41		46.59	55.85	60.21	

LSD 5%	a	b	c	ab	ac	bc	abc
1 st season	1.42	0.78	0.72	1.36	1.24	1.24	2.15
2 nd season	1.26	1.05	0.87	1.81	1.51	1.51	2.62

Table(3): Effect of irrigation, salinity and GA3 on stem diameter (mm) of jojoba seedlings in the 2003 and 2004 seasons.

Treatments	1st season (2003)			Mean (A)	2nd season (2004)			Mean (A)
	GA3 ppm (C)				GA3 ppm (C)			
Irrigation (A)	0 (c1)	50 (c2)	100 (c3)		0 (c1)	50 (c2)	100 (c3)	
100% FC (a1)	7.19	7.14	7.10	7.14	8.22	8.16	8.10	7.41
80% FC (a2)	6.29	6.23	6.19	6.24	7.49	7.44	7.31	6.96
60% FC (a3)	5.83	5.79	5.74	5.79	7.01	6.96	6.90	
Salinity (B)				Mean (B)				Mean (B)
0.0% (b1)	7.24	7.17	7.13	7.18	8.24	8.18	8.05	8.16
0.4% (b2)	6.40	6.35	6.31	6.35	7.52	7.47	7.40	7.47
0.8% (b3)	5.68	5.64	5.60	5.64	6.95	6.91	6.86	6.91
(AB)				Mean (AB)				Mean (AB)
a1b1	7.94	7.86	7.83	7.88	8.86	8.79	8.74	8.80
a1b2	7.16	7.11	7.07	7.11	8.17	8.12	8.06	8.12
a1b3	6.48	6.45	6.40	6.44	7.62	7.58	7.51	7.57
a2b1	7.14	7.08	7.04	7.09	8.10	8.05	7.76	7.97
a2b2	6.31	6.24	6.20	6.25	7.44	7.39	7.32	7.38
a2b3	5.43	5.38	5.33	5.38	6.93	6.89	6.84	6.89
a3b1	6.63	6.58	6.51	6.57	7.76	7.71	7.64	7.70
a3b2	5.74	5.69	5.66	5.70	6.95	6.91	6.83	6.90
a3b3	5.13	5.10	5.07	5.10	6.31	6.27	6.22	6.27
Mean (C)	6.44	6.39	6.34		7.57	7.52	7.44	8.16

LSD 5%	a	b	c	ab	ac	bc	abc
1 st season	0.30	0.18	ns	ns	ns	ns	ns
2 nd season	0.12	0.23	ns	ns	ns	ns	ns

Table(4): Effect of irrigation, salinity and GA₃ on stem fresh weight (g) of jojoba seedlings in the 2003 and 2004 seasons.

Treatments	1 st season (2003)				2 nd season (2004)			
	GA3 ppm (C)			Mean (A)	GA3 ppm (C)			Mean (A)
	0 (c1)	50 (c2)	100 (c3)		0 (c1)	50 (c2)	100 (c3)	
Irrigation (A)								
100% FC (a1)	27.17	30.74	32.72	30.21	26.49	30.50	34.39	30.46
80% FC (a2)	25.50	27.95	30.20	27.76	23.67	27.76	29.78	27.07
60% FC (a3)	21.32	23.11	25.09	23.17	19.72	21.49	23.52	21.58
Salinity (B)				Mean (B)				Mean (B)
0.0% (b1)	26.19	29.64	32.11	29.32	25.05	28.43	32.32	28.60
0.4% (b2)	24.81	27.11	29.39	27.11	22.83	26.19	28.12	25.71
0.8% (b3)	22.99	24.69	26.50	24.73	21.99	25.14	27.24	24.79
(AB)				Mean (AB)				Mean (AB)
a1b1	29.09	35.43	38.18	34.23	29.10	32.99	40.11	34.07
a1b2	26.47	28.81	30.51	28.60	25.77	29.47	31.31	28.85
a1b3	25.95	27.99	29.47	27.80	24.59	29.05	31.75	28.46
a2b1	26.29	28.01	30.40	28.23	24.41	28.77	31.07	28.09
a2b2	26.32	28.89	32.10	29.10	23.37	27.81	29.33	26.84
a2b3	23.90	25.88	28.10	25.96	23.22	26.71	28.93	26.28
a3b1	23.18	25.49	27.76	25.48	21.65	23.54	25.79	23.66
a3b2	21.65	23.65	25.56	23.62	19.36	21.28	23.71	21.45
a3b3	19.13	20.20	21.93	20.42	18.16	19.65	21.05	19.62
Mean (C)	24.66	27.15	29.34		23.29	26.59	29.23	

LSD 5%	a	b	c	ab	ac	bc	abc
1 st season	2.16	1.06	0.74	1.82	1.28	1.28	2.20
2 nd season	1.30	1.35	2.35	2.30	4.10	4.10	7.05

Table(5): Effect of irrigation, salinity and GA₃ on stem dry weight (g) of jojoba seedlings in the 2003 and 2004 seasons.

Treatments	1 st season (2003)				2 nd season (2004)			
	GA3 ppm (C)			Mean (A)	GA3 ppm (C)			Mean (A)
	0 (c1)	50 (c2)	100 (c3)		0 (c1)	50 (c2)	100 (c3)	
Irrigation (A)				Mean (A)				Mean (A)
100% FC (a1)	11.06	12.59	13.46	12.37	10.84	12.42	14.16	12.47
80% FC (a2)	10.19	11.32	12.38	11.30	9.57	11.42	12.26	11.08
60% FC (a3)	8.73	9.54	10.30	9.52	8.08	8.90	9.58	8.85
Salinity (B)				Mean (B)				Mean (B)
0.0% (b1)	10.71	12.15	13.14	12.00	10.22	11.61	13.26	11.69
0.4% (b2)	9.85	11.11	12.04	11.00	9.39	10.78	11.58	10.58
0.8% (b3)	9.42	10.20	10.95	10.19	8.88	10.34	11.16	10.13
(AB)				Mean (AB)				Mean (AB)
a1b1	11.91	14.51	15.63	14.01	11.90	13.54	16.35	13.93
a1b2	10.67	11.82	12.49	11.66	10.58	12.07	13.00	11.88
a1b3	10.61	11.43	12.24	11.43	10.04	11.64	13.15	11.61
a2b1	10.74	11.42	12.39	11.52	9.93	11.68	12.81	11.47
a2b2	10.02	11.83	13.14	11.66	9.57	11.54	12.16	11.10
a2b3	9.80	10.73	11.60	10.71	9.19	11.04	11.81	10.68
a3b1	9.48	10.52	11.40	10.47	8.83	9.60	10.63	9.69
a3b2	8.88	9.67	10.48	9.68	8.01	8.73	9.58	8.78
a3b3	7.85	8.42	9.02	8.42	7.40	8.36	8.53	8.09
Mean (C)	10.00	11.15	12.04		9.50	10.91	12.00	

LSD 5%	a	b	c	ab	ac	bc	abc
1 st season	0.46	0.39	0.22	0.67	0.38	0.38	0.66
2 nd season	0.49	0.50	0.26	0.87	0.44	0.44	0.76

Table(6): Effect of irrigation, salinity and GA₃ on leaves fresh weight (g) of jojoba seedlings in the 2003 and 2004 seasons.

Treatments	1 st season (2003)				2 nd season (2004)			
	GA3 ppm (C)			Mean (A)	GA3 ppm (C)			Mean (A)
	0 (c1)	50 (c2)	100 (c3)		0 (c1)	50 (c2)	100 (c3)	
Irrigation (A)				Mean (A)				Mean (A)
100% FC (a1)	30.36	34.21	38.63	34.40	28.77	33.85	37.58	33.40
80% FC (a2)	24.16	27.41	30.43	27.33	24.24	28.23	30.88	27.79
60% FC (a3)	19.56	21.60	23.71	21.62	19.70	22.18	24.39	22.09
Salinity (B)				Mean (B)				Mean (B)
0.0% (b1)	28.40	31.45	35.28	31.71	27.45	31.92	35.40	31.59
0.4% (b2)	24.11	27.88	30.54	27.51	23.60	28.42	31.03	27.68
0.8% (b3)	21.57	23.89	26.95	24.14	21.67	23.92	26.43	24.01
(AB)				Mean (AB)				Mean (AB)
a1b1	36.12	39.16	45.05	40.14	33.54	39.89	45.81	39.75
a1b2	28.26	35.03	38.29	33.86	26.70	33.32	35.95	31.99
a1b3	26.59	28.43	32.55	29.19	26.07	28.33	30.98	28.46
a2b1	26.99	30.82	34.22	30.68	27.47	32.04	33.86	31.13
a2b2	24.53	27.02	29.64	27.06	23.32	28.07	31.76	27.72
a2b3	20.96	24.38	27.42	24.25	21.94	24.59	27.02	24.51
a3b1	22.00	24.35	26.55	24.30	21.33	23.83	26.51	23.89
a3b2	19.53	21.60	23.71	21.61	20.77	23.87	25.38	23.34
a3b3	17.15	18.85	20.88	18.96	17.01	18.84	21.29	19.04
Mean (C)	24.69	27.74	30.92		24.24	28.09	30.95	

LSD 5%	a	b	c	ab	ac	bc	abc
1 st season	1.10	0.80	0.84	1.38	1.46	1.46	2.52
2 nd season	1.86	1.00	1.10	1.72	1.90	1.90	3.28

Table (7): Effect of irrigation, salinity and GA₃ on leaves dry weight (g) of jojoba seedlings in the 2003 and 2004 seasons.

Treatments	1 st season (2003)				2 nd season (2004)			
	GA3 ppm (C)			Mean (A)	GA3 ppm (C)			Mean (A)
	0 (c1)	50 (c2)	100 (c3)		0 (c1)	50 (c2)	100 (c3)	
Irrigation (A)				Mean (A)				Mean (A)
100% FC (a1)	9.58	10.65	12.14	10.79	9.03	10.65	11.81	10.50
80% FC (a2)	7.69	8.69	9.61	8.66	7.61	8.78	9.60	8.67
60% FC (a3)	6.15	6.78	7.54	6.82	6.11	7.02	7.68	6.94
Salinity (B)				Mean (B)				Mean (B)
0.0% (b1)	8.92	9.85	11.16	9.98	8.66	10.01	11.08	9.92
0.4% (b2)	7.69	8.75	9.64	8.69	7.33	8.89	9.74	8.65
0.8% (b3)	6.80	7.52	8.49	7.61	6.77	7.55	8.28	7.53
(AB)				Mean (AB)				Mean (AB)
a1b1	11.41	12.17	14.19	12.59	10.57	12.57	14.40	12.51
a1b2	9.02	10.84	12.00	10.62	8.32	10.34	11.32	9.99
a1b3	8.30	8.92	10.25	9.16	8.22	9.03	9.72	8.99
a2b1	8.54	9.73	10.78	9.68	8.69	9.90	10.54	9.71
a2b2	7.91	8.60	9.35	8.62	7.26	8.76	9.82	8.61
a2b3	6.61	7.75	8.70	7.68	6.89	7.67	8.45	7.67
a3b1	6.80	7.66	8.50	7.65	6.71	7.57	8.28	7.52
a3b2	6.15	6.79	7.58	6.84	6.40	7.57	8.08	7.35
a3b3	5.50	5.90	6.53	5.98	5.22	5.94	6.66	5.94
Mean (C)	7.81	8.71	9.76		7.59	8.82	9.70	

LSD 5%	a	b	c	ab	ac	bc	abc
1 st season	0.86	0.43	0.36	0.74	0.63	ns	ns
2 nd season	0.53	0.22	0.25	0.38	0.43	0.43	0.75.

Table (8): Effect of irrigation, salinity and GA₃ on root length (cm) of jojoba seedlings in the 2003 and 2004 seasons.

Treatments	1 st season (2003)				2 nd season (2004)			
	GA ₃ ppm (C)			Mean (A)	GA ₃ ppm (C)			Mean (A)
	0 (c1)	50 (c2)	100 (c3)		0 (c1)	50 (c2)	100 (c3)	
Irrigation (A)				Mean (A)				Mean (A)
100% FC (a1)	9.93	10.43	11.29	10.55	10.70	11.41	12.40	11.51
80% FC (a2)	11.93	13.48	14.94	13.45	12.41	13.33	14.25	13.33
60% FC (a3)	12.92	15.15	16.45	14.84	13.81	15.76	16.91	15.50
Salinity (B)				Mean (B)				Mean (B)
0.0% (b1)	12.24	14.14	15.65	14.01	13.25	14.63	16.05	14.64
0.4% (b2)	11.58	12.90	14.01	12.83	12.27	13.58	14.20	13.35
0.8% (b3)	10.97	12.03	13.03	12.01	11.40	12.30	13.31	12.34
(AB)				Mean (AB)				Mean (AB)
a1b1	10.17	11.12	12.25	11.18	11.56	12.43	12.91	12.30
a1b2	9.98	10.32	11.17	10.49	10.78	11.48	12.28	11.51
a1b3	9.62	9.88	10.46	9.99	9.78	10.32	12.01	10.70
a2b1	12.75	14.54	16.37	14.55	13.56	14.57	16.20	14.78
a2b2	12.04	13.54	15.02	13.54	12.38	13.49	14.01	13.29
a2b3	11.01	12.36	13.44	12.27	11.30	11.94	12.52	11.92
a3b1	13.76	16.76	18.33	16.28	14.63	16.88	19.04	16.85
a3b2	12.73	14.83	15.84	14.47	13.67	15.78	16.30	15.25
a3b3	12.27	13.87	15.19	13.78	13.14	14.63	15.40	14.39
Mean (C)	11.59	13.02	14.23		12.31	13.50	14.52	

LSD 5 %	a	b	c	ab	ac	bc	abc
1 st season	0.54	0.40	0.44	0.68	0.74	0.74	ns.
2 nd season	0.38	0.28	0.42	0.48	0.74	0.74	1.28

Table(9): Effect of irrigation, salinity and GA₃ on root fresh weight (g) of jojoba seedlings in the 2003 and 2004 seasons.

Treatments	1 st season (2003)				2 nd season (2004)			
	GA ₃ ppm (C)			Mean (A)	GA ₃ ppm (C)			Mean (A)
	0 (c1)	50 (c2)	100 (c3)		0 (c1)	50 (c2)	100 (c3)	
Irrigation (A)				Mean (A)				Mean (A)
100% FC (a1)	9.99	11.30	12.59	11.29	11.50	12.66	13.66	12.61
80% FC (a2)	11.47	12.64	13.65	12.59	12.91	14.21	15.44	14.18
60% FC (a3)	13.64	15.63	17.56	15.61	14.75	16.56	18.92	16.74
Salinity (B)				Mean (B)				Mean (B)
0.0% (b1)	13.25	14.95	16.43	14.88	14.50	16.02	17.66	16.06
0.4% (b2)	11.43	12.82	14.29	12.85	13.17	14.54	16.18	14.63
0.8% (b3)	10.41	11.80	13.08	11.76	11.49	12.86	14.18	12.84
(AB)				Mean (AB)				Mean (AB)
a1b1	11.61	13.23	14.50	13.12	12.32	13.69	14.39	13.46
a1b2	9.35	10.42	11.54	10.44	11.36	12.73	13.86	12.65
a1b3	8.99	10.24	11.73	10.32	10.83	11.56	12.73	11.71
a2b1	12.29	13.67	14.36	13.44	14.28	15.48	16.52	15.43
a2b2	11.44	12.75	13.85	12.68	13.18	14.36	16.21	14.59
a2b3	10.68	11.50	12.74	11.64	11.27	12.78	13.58	12.54
a3b1	15.86	17.94	20.44	18.08	16.92	18.90	22.07	19.30
a3b2	13.51	15.31	17.48	15.43	14.96	16.53	18.47	16.65
a3b3	11.56	13.65	14.77	13.33	12.38	14.24	16.23	14.28
Mean (C)	11.70	13.19	14.60		13.05	14.47	16.01	

LSD 5%	a	b	c	ab	ac	bc	abc
1 st season	0.74	0.36	0.38	0.64	0.68	ns	1.16
2 nd season	0.57	0.30	0.45	0.36	0.81	ns.	1.38

Table (10): Effect of irrigation, salinity and GA₃ on root dry weight (g) of jojoba seedlings in the 2003 and 2004 seasons.

Treatments	1 st season (2003)				2 nd season (2004)			
	GA ₃ ppm (C)			Mean (A)	GA ₃ ppm (C)			Mean (A)
	0 (c1)	50 (c2)	100 (c3)		0 (c1)	50 (c2)	100 (c3)	
Irrigation (A)				Mean (A)				Mean (A)
100% FC (a1)	4.43	4.97	5.59	5.00	5.09	5.64	6.13	5.61
80% FC (a2)	5.08	5.59	6.01	5.57	5.66	6.33	6.81	6.27
60% FC (a3)	6.03	6.90	7.71	6.89	6.43	7.25	8.32	7.33
Salinity (B)				Mean (B)				Mean (B)
0.0% (b1)	5.87	6.58	7.19	6.55	6.31	7.02	7.78	7.04
0.4% (b2)	5.05	5.67	6.31	5.68	5.78	6.48	7.15	6.47
0.8% (b3)	4.62	5.22	5.81	5.21	5.08	5.71	6.32	5.71
(AB)				Mean (AB)				Mean (AB)
a1b1	5.16	5.81	6.40	5.79	5.47	6.03	6.50	6.00
a1b2	4.15	4.60	5.10	4.62	5.00	5.73	6.17	5.64
a1b3	3.97	4.51	5.26	4.59	4.79	5.17	6.13	5.22
a2b1	5.42	5.99	6.33	6.62	6.22	6.83	7.15	6.73
a2b2	5.03	5.67	6.13	5.61	5.76	6.45	7.20	6.47
a2b3	4.80	5.12	5.59	5.17	4.98	5.69	6.09	5.59
a3b1	7.04	7.94	8.84	7.94	7.24	8.22	9.69	8.39
a3b2	5.98	6.74	7.73	6.82	6.59	7.23	8.09	7.30
a3b3	5.09	6.03	6.58	5.90	5.45	6.28	7.18	6.30
Mean (C)	5.18	5.82	6.44		5.73	6.41	7.08	

LSD 5%	a	b	c	ab	ac	bc	abc
1 st season	0.24	0.09	0.10	0.16	0.17	ns	0.30
2 nd season	0.38	0.17	0.10	0.29	0.17	ns	0.29

