

Table(2): Effect of irrigation, salinity and GA₃ on chlorophyll a content (mg/g FW) 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)
Irrigation (A)	0 (c1)	50 (c2)	100 (c3)		0 (c1)	50 (c2)	100 (c3)	
100% FC (a1)	2.046	1.978	1.950	1.991	1.857	1.869	1.850	1.859
80% FC (a2)	2.209	2.159	2.118	2.162	2.085	2.015	1.988	2.029
60% FC (a3)	2.301	2.269	2.233	2.268	2.144	2.073	2.044	2.087
Salinity (B)				Mean (B)				Mean (B)
0.0% (b1)	2.322	2.238	2.202	2.254	2.202	2.068	2.053	2.108
0.4% (b2)	2.174	2.141	2.101	2.138	2.022	1.993	1.959	1.991
0.8% (b3)	2.061	2.028	1.998	2.029	1.862	1.896	1.870	1.876
(AB)				Mean (AB)				Mean (AB)
a1b1	2.193	2.062	2.044	2.100	2.069	1.944	1.929	1.981
a1b2	2.015	1.976	1.938	1.976	1.890	1.869	1.844	1.868
a1b3	1.929	1.897	1.866	1.898	1.611	1.794	1.776	1.727
a2b1	2.366	2.270	2.215	2.284	2.255	2.114	2.095	2.155
a2b2	2.193	2.164	2.124	2.160	2.053	2.018	1.978	2.016
a2b3	2.068	2.042	2.016	2.042	1.947	1.914	1.892	1.917
a3b1	2.406	2.380	2.348	2.378	2.283	2.146	2.136	2.188
a3b2	2.313	2.283	2.241	2.279	2.122	2.092	2.055	2.090
a3b3	2.184	2.144	2.111	2.146	2.028	1.981	1.942	1.984
Mean (C)	2.185	2.135	2.100		2.029	1.986	1.961	

LSD 5%	a	b	c	ab	ac	bc	abc
1 st season	0.058	0.046	0.041	0.080	0.071	0.071	0.123
2 nd season	0.051	0.042	0.040	N.S.	N.S.	0.069	N.S.

Table(3): Effect of irrigation, salinity and GA₃ on chlorophyll b content (mg/g fresh weight) 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)
Irrigation (A)	0 (c1)	50 (c2)	100 (c3)		0 (c1)	50 (c2)	100 (c3)	
100% FC (a1)	0.624	0.613	0.602	0.613	0.670	0.656	0.639	0.655
80% FC (a2)	0.647	0.617	0.603	0.622	0.737	0.724	0.713	0.725
60% FC (a3)	0.751	0.725	0.709	0.728	0.819	0.800	0.788	0.802
Salinity (B)				Mean (B)				Mean (B)
0.0% (b1)	0.731	0.688	0.678	0.699	0.787	0.772	0.759	0.773
0.4% (b2)	0.670	0.658	0.641	0.656	0.743	0.726	0.716	0.728
0.8% (b3)	0.622	0.609	0.594	0.608	0.696	0.683	0.665	0.681
(AB)				Mean (AB)				Mean (AB)
a1b1	0.651	0.643	0.633	0.642	0.716	0.691	0.678	0.695
a1b2	0.635	0.627	0.615	0.625	0.662	0.655	0.647	0.655
a1b3	0.585	0.569	0.557	0.570	0.632	0.624	0.594	0.616
a2b1	0.716	0.662	0.654	0.677	0.775	0.762	0.751	0.763
a2b2	0.637	0.618	0.592	0.616	0.742	0.731	0.720	0.731
a2b3	0.589	0.571	0.562	0.574	0.693	0.679	0.668	0.680
a3b1	0.824	0.759	0.746	0.776	0.871	0.861	0.850	0.861
a3b2	0.739	0.729	0.715	0.728	0.824	0.793	0.780	0.799
a3b3	0.691	0.686	0.665	0.681	0.763	0.746	0.733	0.747
Mean (C)	0.674	0.651	0.638		0.742	0.727	0.713	

LSD 5%	a	b	c	ab	ac	bc	abc
1 st season	0.018	0.011	0.009	0.019	0.016	0.016	0.028
2 nd season	0.020	0.004	0.011	0.008	0.019	N.S.	0.032

Table(5): Effect of irrigation, salinity and GA₃ on reducing sugars content (mg/g fresh weight) 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)
Irrigation (A)	0 (c1)	50 (c2)	100 (c3)		0 (c1)	50 (c2)	100 (c3)	
100% FC (a1)	4.391	4.511	4.682	4.528	4.852	4.982	5.133	4.989
80% FC (a2)	4.898	5.018	5.189	5.035	5.568	5.793	5.965	5.776
60% FC (a3)	5.422	5.661	5.921	5.668	6.393	6.507	6.580	6.493
Salinity (B)				Mean (B)				Mean (B)
0.0% (b1)	5.278	5.478	5.751	5.502	5.867	6.053	6.237	6.052
0.4% (b2)	4.872	4.985	5.154	5.005	5.620	5.741	5.762	5.708
0.8% (b3)	4.560	4.727	4.887	4.725	5.326	5.489	5.679	5.498
(AB)				Mean (ab)				Mean (ab)
a1b1	4.685	4.813	4.972	4.823	5.113	5.241	5.385	5.246
a1b2	4.375	4.415	4.580	4.457	4.875	4.973	5.107	4.985
a1b3	4.113	4.306	4.495	4.304	4.568	4.732	4.906	4.735
a2b1	5.175	5.301	5.563	5.346	5.923	6.243	6.413	6.193
a2b2	4.876	4.993	5.161	5.010	5.567	5.714	5.863	5.715
a2b3	4.643	4.759	4.844	4.749	5.214	5.423	5.619	5.419
a3b1	5.975	6.319	6.717	6.337	6.564	6.674	6.913	6.717
a3b2	5.365	5.545	5.722	5.544	6.419	6.537	6.316	6.424
a3b3	4.925	5.117	5.323	5.122	6.196	6.311	6.511	6.339
Mean (C)	4.904	5.063	5.264		5.604	5.761	5.893	

LSD 5%	a	b	c	ab	ac	bc	abc
1 st season	0.124	0.116	0.094	0.201	0.163	0.163	0.282
2 nd season	0.154	N.S.	0.082	N.S.	0.142	0.142	0.246

Table(6): Effect of irrigation, salinity and GA₃ on total sugars content (mg/g dry weight) 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)
Irrigation (A)	0 (c1)	50 (c2)	100 (c3)		0 (c1)	50 (c2)	100 (c3)	
100% FC (a1)	19.88	20.93	22.05	20.95	16.90	17.99	18.93	17.94
80% FC (a2)	23.08	24.25	25.34	24.22	19.14	20.05	21.12	20.11
60% FC (a3)	24.63	25.69	26.52	25.61	23.23	24.18	25.40	24.27
Salinity (B)				Mean (B)				Mean (B)
0.0% (b1)	24.17	25.27	26.28	25.24	21.58	22.69	23.64	22.64
0.4% (b2)	22.39	23.57	24.67	23.54	19.66	20.55	21.69	20.64
0.8% (b3)	21.02	22.04	22.96	22.01	18.03	18.99	20.13	19.05
(AB)				Mean (AB)				Mean (AB)
a1b1	21.53	22.41	23.56	22.50	18.36	19.68	20.34	19.46
a1b2	19.72	20.69	21.76	20.72	16.97	17.73	18.68	17.79
a1b3	18.39	19.69	20.83	19.64	15.37	16.56	17.78	16.57
a2b1	24.36	25.57	26.56	25.50	21.76	22.59	23.74	22.70
a2b2	23.12	24.53	25.71	24.45	18.73	19.81	20.76	19.77
a2b3	21.76	22.65	23.76	22.72	16.94	17.76	18.87	17.86
a3b1	26.63	27.82	28.73	27.73	24.63	25.79	26.83	25.75
a3b2	23.33	25.48	26.54	25.45	23.29	24.12	25.64	24.35
a3b3	22.92	23.79	24.29	23.67	21.78	22.64	23.73	22.72
Mean (C)	22.53	23.62	24.64		19.76	20.74	21.82	

LSD 5%	a	b	c	ab	ac	bc	abc
1 st season	0.33	0.24	0.21	0.42	0.36	0.36	0.62
2 nd season	0.28	0.20	0.24	0.35	0.42	0.42	0.73

Table(7): Effect of irrigation, salinity and GA₃ on leaves nitrogen % 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)
Irrigation (A)	0 (c1)	50 (c2)	100 (c3)		0 (c1)	50 (c2)	100 (c3)	
100% FC (a1)	2.551	2.522	2.491	2.521	2.465	2.393	2.332	2.397
80% FC (a2)	2.652	2.621	2.588	2.620	2.597	2.518	2.431	2.515
60% FC (a3)	2.755	2.721	2.691	2.722	2.684	2.616	2.513	2.604
Salinity (B)				Mean (B)				Mean (B)
0.0% (b1)	2.740	2.704	2.676	2.707	2.827	2.746	2.646	2.740
0.4% (b2)	2.650	2.622	2.588	2.620	2.576	2.495	2.413	2.495
0.8% (b3)	2.567	2.538	2.506	2.537	2.343	2.286	2.216	2.282
(AB)				Mean (AB)				Mean (AB)
a1b1	2.625	2.589	2.557	2.590	2.728	2.645	2.536	2.636
a1b2	2.536	2.515	2.486	2.512	2.456	2.337	2.272	2.355
a1b3	2.491	2.462	2.429	2.461	2.212	2.197	2.187	2.199
a2b1	2.742	2.703	2.679	2.708	2.820	2.738	2.657	2.738
a2b2	2.652	2.624	2.591	2.622	2.597	2.540	2.441	2.526
a2b3	2.562	2.537	2.492	2.530	2.374	2.277	2.196	2.282
a3b1	2.853	2.821	2.791	2.822	2.934	2.854	2.745	2.844
a3b2	2.763	2.727	2.686	2.725	2.674	2.609	2.526	2.603
a3b3	2.648	2.614	2.598	2.620	2.444	2.385	2.266	2.365
Mean (C)	2.653	2.621	2.590		2.582	2.509	2.425	

LSD 5%	a	b	c	ab	ac	bc	abc
1 st season	0.030	0.020	0.016	0.035	N.S.	N.S.	0.048
2 nd season	N.S.	0.021	0.018	0.036	0.031	0.031	0.054

Table(8): Effect of irrigation, salinity and GA₃ on leaves phosphorus % 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)
Irrigation (A)	0 (c1)	50 (c2)	100 (c3)		0 (c1)	50 (c2)	100 (c3)	
100% FC (a1)	0.249	0.241	0.230	0.240	0.264	0.256	0.250	0.257
80% FC (a2)	0.265	0.254	0.245	0.255	0.308	0.299	0.293	0.300
60% FC (a3)	0.309	0.296	0.285	0.297	0.335	0.325	0.317	0.326
Salinity (B)				Mean (B)				Mean (B)
0.0% (b1)	0.305	0.293	0.283	0.294	0.327	0.320	0.312	0.320
0.4% (b2)	0.275	0.261	0.251	0.262	0.306	0.295	0.293	0.298
0.8% (b3)	0.243	0.236	0.227	0.236	0.275	0.264	0.254	0.264
(AB)				Mean (AB)				Mean (AB)
a1b1	0.276	0.264	0.254	0.265	0.291	0.286	0.271	0.283
a1b2	0.249	0.237	0.226	0.237	0.268	0.254	0.263	0.262
a1b3	0.222	0.221	0.211	0.218	0.234	0.229	0.216	0.226
a2b1	0.292	0.285	0.273	0.283	0.330	0.322	0.320	0.324
a2b2	0.267	0.251	0.243	0.254	0.314	0.301	0.295	0.303
a2b3	0.235	0.225	0.219	0.226	0.282	0.274	0.262	0.273
a3b1	0.346	0.331	0.321	0.333	0.360	0.353	0.346	0.353
a3b2	0.309	0.294	0.284	0.296	0.335	0.331	0.322	0.329
a3b3	0.273	0.263	0.251	0.262	0.310	0.291	0.284	0.295
Mean (C)	0.274	0.264	0.254		0.303	0.293	0.287	

LSD 5%	a	b	c	ab	ac	bc	abc
1 st season	0.006	0.004	0.004	0.007	0.007	0.007	N.S.
2 nd season	0.007	0.004	0.005	N.S.	N.S.	0.009	0.016

Table(9): Effect of irrigation, salinity and GA₃ on leaves potassium % 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)
Irrigation (A)	0 (c1)	50 (c2)	100 (c3)		0 (c1)	50 (c2)	100 (c3)	
100% FC (a1)	2.688	2.657	2.629	2.658	2.819	2.785	2.762	2.789
80% FC (a2)	2.745	2.687	2.666	2.699	2.974	2.943	2.900	2.939
60% FC (a3)	2.906	2.851	2.820	2.859	3.064	3.017	2.984	3.022
Salinity (B)				Mean (B)				Mean (B)
0.0% (b1)	2.897	2.813	2.785	2.832	3.047	3.005	2.979	3.010
0.4% (b2)	2.764	2.731	2.706	2.734	2.949	2.917	2.889	2.918
0.8% (b3)	2.676	2.650	2.625	2.651	2.862	2.822	2.778	2.821
(AB)				Mean (AB)				Mean (AB)
a1b1	2.763	2.734	2.707	2.735	2.918	2.876	2.831	2.875
a1b2	2.689	2.654	2.632	2.658	2.802	2.760	2.748	2.770
a1b3	2.611	2.584	2.549	2.581	2.738	2.718	2.705	2.721
a2b1	2.872	2.761	2.740	2.791	3.063	3.028	3.010	3.034
a2b2	2.728	2.691	2.667	2.695	2.981	2.963	2.928	2.957
a2b3	2.634	2.608	2.592	2.612	2.880	2.837	2.762	2.826
a3b1	3.058	2.944	2.909	2.970	3.161	3.110	3.096	3.122
a3b2	2.876	2.849	2.818	2.848	3.065	3.029	2.990	3.028
a3b3	2.783	2.759	2.733	2.758	2.967	2.910	2.867	2.915
Mean (C)	2.779	2.732	2.705		2.953	2.915	2.882	

LSD 5%	a	b	c	ab	ac	bc	abc
1 st season	0.016	0.014	0.011	0.024	0.019	0.019	0.033
2 nd season	0.019	0.016	0.015	0.028	0.026	0.026	0.045

Table(10): Effect of irrigation, salinity and GA₃ on leaves sodium % 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)
Irrigation (A)	0 (c1)	50 (c2)	100 (c3)		0 (c1)	50 (c2)	100 (c3)	
100% FC (a1)	1.377	1.338	1.287	1.334	1.292	1.271	1.224	1.262
80% FC (a2)	1.494	1.472	1.404	1.457	1.375	1.356	1.301	1.344
60% FC (a3)	1.539	1.507	1.429	1.492	1.463	1.442	1.381	1.429
Salinity (B)				Mean (B)				Mean (B)
0.0% (b1)	1.290	1.260	1.193	1.244	1.280	1.264	1.215	1.253
0.4% (b2)	1.428	1.401	1.333	1.387	1.382	1.366	1.305	1.351
0.8% (b3)	1.694	1.667	1.594	1.652	1.468	1.440	1.389	1.432
(AB)				Mean (AB)				Mean (AB)
a1b1	1.213	1.186	1.114	1.171	1.194	1.177	1.128	1.166
a1b2	1.314	1.274	1.200	1.263	1.295	1.277	1.227	1.266
a1b3	1.603	1.585	1.548	1.579	1.386	1.360	1.318	1.355
a2b1	1.301	1.284	1.221	1.269	1.284	1.263	1.215	1.254
a2b2	1.478	1.455	1.395	1.443	1.366	1.358	1.293	1.339
a2b3	1.711	1.678	1.597	1.662	1.475	1.447	1.394	1.439
a3b1	1.357	1.310	1.245	1.304	1.363	1.352	1.293	1.336
a3b2	1.493	1.474	1.405	1.457	1.484	1.463	1.396	1.448
a3b3	1.767	1.737	1.637	1.714	1.542	1.512	1.455	1.503
Mean (C)	1.470	1.439	1.373		1.377	1.357	1.303	

LSD 5%	a	b	c	ab	ac	bc	abc
1 st season	0.018	0.014	0.011	0.024	N. S.	0.019	0.034
2 nd season	0.022	0.019	N. S.	0.033	N. S.	0.023	N. S.

Table(11): Effect of irrigation, salinity and GA₃ on leaves calcium % 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)
Irrigation (A)	0 (c1)	50 (c2)	100 (c3)		0 (c1)	50 (c2)	100 (c3)	
100% FC (a1)	1.711	1.662	1.622	1.665	1.532	1.520	1.466	1.506
80% FC (a2)	1.767	1.724	1.682	1.724	1.636	1.612	1.563	1.604
60% FC (a3)	1.818	1.799	1.737	1.785	1.754	1.731	1.675	1.720
Salinity (B)				Mean (B)				Mean (B)
0.0% (b1)	1.620	1.602	1.558	1.593	1.351	1.508	1.458	1.499
0.4% (b2)	1.799	1.730	1.679	1.736	1.646	1.625	1.567	1.613
0.8% (b3)	1.877	1.854	1.804	1.845	1.747	1.730	1.681	1.719
(AB)				Mean (AB)				Mean (AB)
a1b1	1.542	1.535	1.490	1.522	1.430	1.419	1.368	1.406
a1b2	1.724	1.626	1.580	1.643	1.545	1.526	1.474	1.515
a1b3	1.868	1.825	1.795	1.829	1.622	1.615	1.555	1.597
a2b1	1.634	1.603	1.574	1.604	1.526	1.501	1.450	1.492
a2b2	1.806	1.719	1.676	1.734	1.638	1.614	1.562	1.605
a2b3	1.860	1.849	1.795	1.835	1.743	1.721	1.676	1.713
a3b1	1.684	1.667	1.609	1.653	1.636	1.604	1.556	1.599
a3b2	1.866	1.844	1.781	1.830	1.755	1.735	1.666	1.719
a3b3	1.904	1.887	1.822	1.871	1.872	1.855	1.811	1.843
Mean (C)	1.765	1.728	1.680		1.641	1.621	1.568	

LSD 5%	a	b	c	ab	ac	bc	abc
1 st season	0.025	0.019	0.012	0.033	0.021	0.021	0.037
2 nd season	.017	.0150	0.012	0.026	0.021	0.021	0.037