

Table 4 Effect of different osmotic stress levels and treatments with GA₃ or kinetin on proline content (mg/g.d.m.) in shoots and roots parsley plant grown for 45-day

Treat.	NaCl -MPa	Parsley		Root	%
		Shoot	%		
0	0.0	1.2	100	0.55	100
	0.3	1.3	108.3	0.63	114.5
	0.6	1.3	108.3	0.69	125.5
	0.9	1.4	116.7	0.66	120
	1.2	1.5	121.9	0.69	125.5
GA ₃	0.0	0.76	63.3	0.39	70.9
	0.3	0.86	71.7	0.53	96.4
	0.6	0.64	53.3	0.46	83.6
	0.9	0.74	61.7	0.47	85.5
	1.2	0.1	8.33	0.46	83.6
Kin.	0.0	0.73	60.8	0.32	58.2
	0.3	0.49	40.8	0.24	43.6
	0.6	0.49	40.8	0.15	27.3
	0.9	0.56	46.7	0.16	29.1
	1.2	0.49	40.8	0.08	14.5
L.S.D. 5%		0.04		0.01	

Note: Significance of differences to control P 0.05%