

Table 3 Effect of different osmotic stress levels and spraying with GA₃ or kinetin on proline content (mg/g.d.m.) of shoots and roots of cotton and broad bean plant grown for 45-days

Treat.	NaCl -MPa	Cotton				Broad bean			
		Shoot	%	Root	%	Shoot	%	Root	%
0	0.0	0.72	100	0.15	100	2.9	100	1.1	100
	0.3	0.59	81.9	0.14	93.3	3.5	120.7	1.0	90.9
	0.6	0.42	58.3	0.15	100	3.8	131.0	0.52	47.3
	0.9	0.32	44.4	0.15	100	3.5	120.7	0.59	53.6
	1.2	0.29	40.3	0.10	66.7	3.2	110.3	0.48	43.6
GA ₃	0.0	0.22	30.6	0.54	36.0	2.0	68.9	0.48	43.6
	0.3	0.41	56.9	0.55	36.0	3.5	120.7	0.53	48.2
	0.6	0.44	61.1	0.43	28.7	2.9	100	0.45	40.9
	0.9	0.24	33.3	0.38	25.3	1.9	52.6	0.23	20.9
	1.2	0.24	33.3	0.48	32.0	1.8	62.1	0.21	19.0
Kin.	0.0	0.15	20.8	0.45	30	1.5	51.7	1.3	118.2
	0.3	0.16	22.2	0.48	32	2.1	72.4	1.1	100
	0.6	0.17	23.6	0.5	33.3	2.5	86.2	0.54	49.1
	0.9	0.09	12.5	0.68	45.3	2.1	72.4	0.50	45.5
	1.2	0.09	12.5	0.66	44	1.3	44.8	0.39	35.5
L.S.D. 5%		0.72	100	0.06		0.44		0.08	

Note: Significance of differences to control P 0.05%