

Table 2. Effect of various concentrations of NaCl on carbohydrate content (soluble fraction) as mg / gm dry weight in roots, stems, leaves and spikes of wheat cultivar cv. Sakha 94 , cv. Gimiza11, cv. Gimiza10 and cv. Giza 168 .

cv. Sakha 94

NaCl Treat.	Root	%	Stem	%	leaf	%	Spike	%
Cont	72.6a	100	84.9	100	40.6	100	20.4	100
20 mM	68.6	94.4	84	98.9	33.6	82.7	21.4	104.9
50 mM	63.0	86.7	63.0	74.2	46.4	114.2	21.2	103.9
150 mM	69.0	95.0	73.7	86.7	49.3	121.3	19.4	95.0
300 mM	62.9	86.5	100.9	118.9	46	113.3	25.6	125.4
L. S. D. 5%	0.64		0.24		0.22		0.22	

cv. Gimiza 11

Cont	79.8a	100	89.4a	100	92.7a	100	40.2a	100
20 mM	85.8	107.5	90.6	101.3	93.9	101.2	40.9	101.8
50 mM	75.2	94.1	153.2	171.3	107.4	115.8	54.9	136.5
150 mM	100.2	125.5	105.6	118.1	109.2	117.7	45.2	112.4
300 mM	67.5	84.5	67.8	75.8	98.7	106.4	52.9	131.7
L. S. D. 5%	0.12		0.16		0.72		0.37	

cv. Gimiza 10

Cont	68.9a	100	60.5	100	77.6	100	68.8	100
20 mM	64.5	93.6	79.5	131.5	73.8	95.1	93.9	58
50 mM	51.6	74.9	83.9	138.7	73.6	94.8	50.0	72.6
150 mM	44.9	65.1	36.2	59.9	71.4	92.0	50.0	72.6
300 mM	46.9	68.1	35.3	58.3	61.2	78.8	44.7	64.9
L. S. D. 5%	0.85		0.54		0.21		0.40	

cv. Giza 168

Cont	88.7a	100	73.6a	100	158.8a	100	31.9a	100
20 mM	93.4	105.2	67.2	91.3	138.6	87.2	44.9	140.3
50 mM	98.4	110.9	67.6	91.8	138.8	87.4	42.5	132.8
150 mM	86.2	97.1	59.4	73.6	1146.5	92.2	33.3	104.2
300 mM	45.6	54.4	54.4	73.9	120.6	75.9	43.9	1.37
L. S. D. 5%	0.85		0.16		0.41		0.23	

Note: Means not labeled with letter (a) are significantly different from control level mean, *Significant at < 0.05