

Table 1 The cadmium tolerance indexes of 12 sweet corn varieties under cadmium stress

Variety	Plant height	Root number	Root length	Shoot fresh weight	Shoot dry weight	Root fresh weight	Root dry weight	SPAD value
Zhongtian 7	0.83±0.03a	0.83±0.04ab	0.70±0.03a	0.82±0.01a	0.85±0.01a	0.77±0.06a	0.73±0.01a	0.04±0.03d
Yuetian 28	0.92±0.02a	0.83±0.01ab	0.98±0.03a	0.96±0.01a	0.95±0.03a	0.99±0.05a	0.98±0.06a	0.31±0.09cd
Zhongtian 9	0.91±0.06a	0.86±0.05ab	0.90±0.08a	0.97±0.07a	1.02±0.03a	0.94±0.01a	0.94±0.02a	0.05±0.04d
Ruizhen	0.94±0.01a	0.95±0.04ab	0.78±0.03a	0.95±0.03a	0.93±0.06a	0.93±0.07a	0.98±0.02a	0.21±0.03d
Weitian 1	0.95±0.10a	0.92±0.09ab	0.96±0.04a	0.93±0.02a	0.86±0.06a	0.90±0.05a	0.89±0.02a	0.23±0.04d
Fotian 2	1.02±0.10a	0.96±0.03ab	0.95±0.04a	1.05±0.01a	0.94±0.08a	1.01±0.01a	1.09±0.06a	0.54±0.03bc
Zhongxiantian 3	0.91±0.04a	0.93±0.05ab	0.81±0.07a	0.94±0.02a	0.78±0.06a	0.98±0.06a	0.90±0.01a	0.57±0.06bc
Kupula	0.97±0.04a	0.99±0.05ab	0.99±0.05a	0.97±0.01a	0.96±0.08a	0.99±0.03a	1.00±0.04a	0.60±0.07b
Jinzhongyu	0.91±0.11a	0.76±0.06b	1.12±0.07a	0.86±0.01a	0.93±0.10a	0.90±0.08a	0.92±0.01a	0.64±0.11b
Zhongxiantian 102	1.07±0.08a	1.12±0.02ab	1.11±0.05a	1.06±0.08a	1.03±0.04a	1.14±0.01a	1.14±0.10a	1.00±0.09a
Zhuyutian 1	1.03±0.04a	0.95±0.03ab	1.09±0.01a	1.02±0.07a	1.12±0.09a	1.01±0.05a	1.11±0.01a	0.96±0.08a
Fotian 10	1.01±0.01a	1.02±0.01a	1.17±0.11a	1.02±0.01a	1.03±0.02a	1.27±0.08a	1.03±0.04a	1.00±0.01a
Variable coefficient (%)	7.02	12.03	15.05	7.38	9.61	12.65	11.30	68.21

Note: Values followed by the same letters in each column are not significantly different at 0.05 level from each other