

Table1 Statistical analysis of 9 main traits

Trait	Growth period (d)	Plant height (cm)	Ear height (cm)	Ear length (cm)	Ear diameter (cm)	Rows per ear	Kernels per row	Ear barren tip (cm)	Ear yield (g)
Max	86.0	262.0	130.0	23.0	5.5	20.0	48.0	4.5	382.6
Min	77.0	176.0	56.0	16.0	4.0	12.0	28.0	0.0	223.7
Average	81.96	218.91	87.90	19.06	4.79	14.64	38.66	0.12	295.21
Standard deviation	2.10	19.02	14.03	1.46	0.32	1.60	3.82	0.47	30.45
Coefficient of variation (%)	2.56	8.69	15.96	7.64	6.61	10.94	9.87	399.91	10.32
Genetic diversity	1.845	2.069	2.063	1.808	1.758	1.151	1.968	0.621	2.053