

Table 5 Comparison of phenotypic traits with significant difference under different varieties

Variety	Plant height (cm)	SPAD value	LAI	DIFN	Lodging rate (%)	Plot yield (kg)	Grain moisture content 1 (%)	The kernels per row	Row number	Cob diameter (cm)	Seed rate (%)	Grain moisture content 2 (%)
Zhengdan7137	292.68a	59.50a	3.00a	0.11b	0.09a	16.28a	25.29a	34.22c	15.48a	13.83b	88.14a	14.97b
Zhengdan7153	259.47b	59.38a	2.38b	0.18a	0.00b	16.44a	27.50b	39.94a	13.89b	13.92b	88.29a	17.44a
Zhengdan958	241.49c	56.79b	2.51b	0.17a	0.00b	12.17b	31.16c	36.89b	14.59b	14.89a	84.38b	17.43a

Note: Different lowercase letters indicate significant differences at the 0.05 probability level