

Table 1 Effects of density, nitrogen application rate and their interaction on yield and agronomic traits

Source	Yield (kg/hm ²)	Tiller	Spike rate (%)	Spike length (cm)	Plant height (cm)	Grains	1000-grain weight (g)	Bulk density (g)
Density (A)	2 241 541.12**	116.48**	112.99	0.04	0.21	3.42	19.76	83.87
Nitrogen application rate (B)	692 276.12	40.87**	16.66	0.06	73.98	0.02	0.66	75.15
Density×Nitrogen application rate (A×B)	858 306.95	3.75	40.63	0.04	64.83	0.28	0.91	411.71

Note: Density, nitrogen application rate and density×nitrogen application rate degree of freedom was 2, 2 and 4, respectively; The numbers in the table are MS; *, **: The significant difference ($p<0.05$) and extremely significant difference ($p<0.01$), respectively