

SUPPLEMENTARY TABLE 1 | Three-way ANOVA for phenotypic parameters (yield per plant, kernels per plant, kernel rows per ear, ear diameter, ear length, and aerial biomass) of genotype, irrigation regime, inoculation and all their possible interactions. * $P \leq 0.05$, ** $P \leq 0.01$, and *** $P \leq 0.001$.

Factor	Yield per plant	Kernels per plant	Kernel rows per ear	Ear diameter	Ear length	Aerial biomass
Genotype	0.0322 *	0.0011 **	0.0000 ***	0.0093 **	0.0076 **	0.8992
Irrigation regime	0.0000 ***	0.0000 ***	0.0000 ***	0.0000 ***	0.0585	0.0000 ***
Inoculation	0.1153	0.0277 *	0.2793	0.0000 ***	0.0000 ***	0.0906
Genotype × Watering regime	0.0644	0.0011 **	0.0000 ***	0.0651	0.3333	0.5253
Genotype × Inoculation	0.0005 ***	0.0709	0.0000 ***	0.0001 ***	0.1634	0.6675
Irrigation regime × Inoculation	0.0746	0.0078 **	0.0000 ***	0.0000 ***	0.3373	0.2371
Genotype × Irrigation regime × Inoculation	0.9863	0.1572	0.0035 **	0.0019 **	0.0028 **	0.6397

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