

Table 2 Mean square interactive effects of genotypes, concentration and growth stages on germination potential and growth characters of maize

Source of Variation	df	Days of Emergence	% Seed Germination	Plant Height	Stem Height	Leaf Area	Number of Leaves
Genotypes	7	1.01***	772.08***	6874.26***	24961.65**	1378.93	61199.95***
Concentration	4	0.16	2019.13***	2102.18***	4206.97	1367.74	14615.70
WAP	8	0.06	190.21	251971.57*	404233.06*	2886.08*	1235947.74
Replicates	2			367.00	3859.89	1426.42	21040.29
Genotypes x Concentration	28			1188.91***	4647.75	1361.66	8701.02
Genotype x WAP	56			577.85***	13063.54**	1340.73	16843.79***
Concentration x WAP	32			315.48	3288.63	1347.49	7899.74
Genotype x WAP x Concentration	224			256.60	4995.70	1333.09	7347.77
Error	1054						
Corrected	10						
Total	75						

Note: *P<0.05 significant, ***P<0.001 highly significant, WAP=weeks after planting