

Table 1 Mean square effect of ultraviolet radiation (UV) on growth characters of maize

Source of variation	df	Plant height	Leaf length	Leaf width	Number of leaves
Intercept	1	2536909.42 ^{**}	1047118.79 ^{**}	3171.15 ^{**}	15402.61 ^{**}
Replicate	2	1883.20 ^{ns}	526.80 ^{ns}	1.83 ^{ns}	9.02 ^{ns}
WAP	4	53903.89 ^{**}	19121.66 ^{**}	47.29 ^{**}	158.31 ^{**}
Treatment	5	8758.18 ^{**}	3288.04 ^{**}	9.05 ^{**}	51.87 ^{**}
Cultivars	5	14442.33 ^{**}	6651.55 ^{**}	14.87 ^{**}	42.49 ^{**}
Replicate*WAP	8	610.44 ^{ns}	240.83 ^{ns}	0.62 ^{ns}	3.12 ^{ns}
Replicate*Treatment	10	4117.53 [*]	1357.36 ^{ns}	5.84 [*]	21.23 [*]
Replicate*Cultivars	10	2100.00 ^{ns}	771.19 ^{ns}	1.73 ^{ns}	7.30 ^{ns}
WAP*Treatment	20	2921.12 [*]	709.01 ^{ns}	2.98 ^{ns}	11.27 ^{ns}
WAP*Cultivars	20	5590.66 ^{**}	2145.95 ^{**}	5.95 [*]	20.25 [*]
Treatment*Cultivars	25	2992.07 [*]	1358.55 [*]	3.51 ^{ns}	14.21 [*]
WAP*Treatment*Cultivars	100	1401.40 ^{ns}	502.45 ^{ns}	1.52 ^{ns}	7.42 ^{ns}
Replicate*WAP*Treatment*Cultivars	325	1554.89 ^{ns}	568.36 ^{ns}	1.65 ^{ns}	6.47 ^{ns}
Error	10	960.97	483.27	1.77	4.90
Total	545				

^{**} p< 0.01 highly significant, ^{*} p<0.05 significant, ns= non significant