|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table S2:** Analysis of variance of physiological indexes between varieties and treatments (*F value*) | | | | | | | | | | | |
| Source of  variation | DF | CAT (U/mgprot) | POD (U/gFW**·**min) | SOD (U/gFW) | MDA (nmol/mgprot) | PRO (ug/g) | ABA (ug/L) | TAC (U/mgprot) | SP (mg/g) | SS (ug/mgprot) | CHL (mg/L) |
| Cultivars | 1 | 102.25\* | 274.27\* | 7.22\* | 0.046 | 5.48 | 5.03 | 90.47\* | 72.66\* | 278.36\* | 56.99\* |
| Treatments | 1 | 217.71\* | 58.85\* | 48.30\* | 1.278 | 60.97\* | 5.27 | 121.3\* | 14.07 | 152.10\* | 59.25\* |
| Cultivar×Treatment | 1 | 26.94\* | 97.96\* | 65.91\* | 53.36\* | 19.90\* | 0.93 | 43.86\* | 221.95\* | 130.26\* | 39.49\* |
| DF, degrees of freedom; CAT, catalase; POD, peroxidase; SOD, superoxide dismutase; MDA, malondialdehyde; PRO, Proline; ABA, abscisic acid; TAC, total antioxidant capacity; SP, soluble protein; SS, soluble sugar; CHL, chlorophyll. \*P < 0.05. | | | | | | | | | | | |