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| **Evaluation of different sunflower and safflower genotypes for antioxidants and ascorbic acid content.** | Determination of total antioxidant capacity, of safflower (50) and sunflower wild (20) accessions. | Total antioxidant capacity ranged from 8.13 (IP-32) to 14.8 (EC-521142) with a mean value of 11.52 mg equivalent of ascorbic acid. HSC of safflower ranged from 57 % (IP-19) to 71% (IP-8). HSC of sunflower ranged from 23.31 (ANN-1270) to 83.90% (ARG-1806) |
| Screening of sunflower R-lines and Inbreds for total antioxidant capacity, reducing power and total phenol content | Out of 100 lines, maximum antioxidant capacity, Reducing power and phenol content was recorded in RCR-1296 (36.47 DPPH (TEAC mm/g), HOHAL-23 (24.43 (GAE mg/g) and AKSFI-46-2 (72.43 mg/100g dry weight), respectively. |