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| **Evaluation of sunflower and safflower genotypes for high oleic acid.** | Oleic acid estimation of safflower world germplasm | 200 safflower lines from 57 countries were evaluated for oleic acid content, it ranged from 17% (GMU-6734 ) to 77% (EC-523373) |
| Characterization of safflower wild accessions for oil and fatty acid profile. | Out of 81 accessions, IP-22 (12.22%) and IP-7 (12.56%) were identified as high palmitic acid source. Oil content ranged from 17.37 % (CART-10/79) to 28.65 % (IP-19) |
| Identification of high oil sources from key safflower accessions. (1000 accessions). | Ten high oil accessions (>35%) viz. EC-182243, EC-182238, EC-337572, GMU-2823, IC-338259, EC-181737, EC-156786, EC-181804, EC-337989, EC-338028 were identified. EC-338028 identified as high oil (35.25%) and oleic acid (79.91%) accession |
| Screening of sunflower wild accessions for oleic acid (20 lines) | Oleic acid in wild accessions ranged from 21.31 (ARG-1677) to 59.85% (ANN-1979) |