**Characterisation and evaluation of IIOR safflower core subset**

 During *rabi*, 2012-13 and 2013-14, a set of 150 accessions which comprise the IIOR safflower core subset were raised in alfisols at IIOR Rajendranagar farm for characterisation and evaluation. The variability recorded for phenological and agronomic traits is presented below.

**Variability in IIOR core subset**

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| --- | --- | --- | --- |
| **Characteristics** | **Mean±SEm** | **Range** | **CV%** |
| Days to 50% flowering | 79.75±0.28 | 72-88 | 4.30 |
| Days to maturity | 112.73±0.36 | 102-124 | 3.97 |
| Plant height (cm)  | 78.75±0.53 | 51-97 | 8.37 |
| Length of longest branch (cm)  | 34.93±0.46 | 20-57 | 16.18 |
| Branch angle (°) | 32.94±0.40 | 17-48 | 15.23 |
| No. of branches | 10.80±0.19 | 6.3-19.2 | 22.53 |
| Branch height (cm) | 28.13±0.79 | 7.6-67 | 34.78 |
| No. of effective capitula | 24.17±0.50 | 12-44.9 | 25.60 |
| Diameter of main capitula (cm) | 1.98±0.09 | 1.4-16 | 58.68 |
| 100-seed weight (g) | 5.32±0.08 | 2.9-8 | 18.69 |
| Seed yield (g/plant) | 9.34±0.37 | 0.69-35.5 | 49.30 |
| Oil content (%) | 24.97±0.20 | 18-32.6 | 9.58 |