**Table 4** Oleic acid content in high oleic lines and non-oleic varieties in warmer and cooler locations under dry and irrigated conditions in 2015-16

|  |  |
| --- | --- |
| Entry | Oleic acid content (%) |
|  | Warmer locations |  | Cooler locations | Overall mean |
| Dry |  | Irrigated |  | Irrigated |
| Raichur | Annigeri | Tandur | Solapur | Mean |  | Nandyal | Hyderabad | Mean |  | Raipur | Indore | Sehore | Sagar | Mean |
| ISF-1 | 70.07 | 73.38 | 71.7 | 71.46 | 72 |  | 76.16 | 78.28 | 77 |  | 75.8 | 79.2 | 75.6 | 77.6 | 77 | 75 |
| ISF-2 | 74.22 | 75.13 | 70.31 | 74.22 | 73 |  | 76.5 | 78.81 | 78 |  | 78.3 | 78.7 | 77.64 | 78.62 | 78 | 76 |
| ISF-3 | 76.86 | 71.48 | 70.01 | 74.02 | 73 |  | 74.91 | 76.28 | 76 |  | 75.0 | 80.4 | 79.2 | 77.12 | 76 | 75 |
| A1 (C) | 16.05 | 14.41 | 17.64 | 22.25 | 15 |  | 18.12 | 14.45 | 16 |  | 13.9 | 22.3 | 14.94 | 16.41 | 18 | 17 |
| Nari-6 (C) | 16.81 | 11.61 | 15.18 | 12.12 | 15 |  | 15.87 | 14.25 | 16 |  | 12.0 | 13.7 | 11.53 | 12.66 | 12 | 14 |
| CD0.05 | 0.60 | 0.53 | 0.74 | 0.60 | - |  | 0.51 | 0.68 | - |  | 0.61 | 0.71 | 0.56 | 0.71 | - | - |
| CV (%) | 1.1 | 1.0 | 1.4 | 1.1 | - |  | 0.9 | 1.2 | - |  | 1.1 | 1.2 | 1.0 | 1.3 | - | - |

C: non-oleic check variety