|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Hybrid** | **Days to 50% flowering** | **Days to maturity** | **Plant height** | **100-seed weight** | **Seed yield/plant(g)** | **No. of heads harvested** | **Oil content (%)** | **Seed yield superiority % over best check (KBSH-44)** | **Oil yield superiority over best check (DRSH-1)** |
| **Set-I** |  |  |  |  |  |  |  |  |  |  |
| 1 | IOSH-177 | 55.0 | 83.0 | 125.8 | 4.9 | 47.4 | 15 | 32.51 | 45.39 | 15.40 (5.21) |
| 2 | IOSH-178 | 48.0 | 78.0 | 108.0 | 4.6 | 40.2 | 16 | 31.14 | 23.31 | 12.51 (2.32) |
| 3 | KBSH-44 | 58.0 | 97.0 | 149.0 | 4.0 | 32.6 | 17 | 29.43 | - | 9.59 (-0.90) |
| 4 | DRSH-1 | 56.0 | 95.0 | 148.0 | 5.3 | 27.8 | 16 | 36.68 | - | 10.19 |
| **Set-II** |  |  |  |  |  |  |  |  |  |  |
| 5 | IOSH-194 | 58.0 | 88.0 | 146.8 | 6.5 | 48.8 | 11 | 30.77 | 51.08 | 15.01 (-0.12) |
| 6 | IOSH-202 | 56.0 | 86.0 | 157.4 | 7.0 | 54.1 | 13 | 35.02 | 67.49 | 18.94 (3.81) |
| 7 | IOSH-206 | 56.0 | 88.0 | 139.8 | 6.6 | 50.2 | 13 | 34.27 | 55.41 | 17.20 (2.07) |
| 8 | KBSH-44 | 58.0 | 89.0 | 164.0 | 4.3 | 32.3 | 15 | 29.31 | - | 9.46 (-5.67) |
| 9 | DRSH-1 | 56.0 | 88.0 | 163.0 | 5.3 | 40.8 | 15 | 37.10 | 26.31 | 15.13 |
| **Set-III** |  |  |  |  |  |  |  |  |  |  |
| 10 | IOSH-235 | 52.0 | 82.0 | 155.0 | 5.0 | 51.4 | 11 | 38.66 | 4.25 | 19.87 (8.83) |
| 11 | KBSH-44 | 57.0 | 91.0 | 161.0 | 5.2 | 49.3 | 17 | 30.65 | - | 15.11 (4.07) |
| 12 | DRSH-1 | 55.0 | 87.0 | 149.5 | 5.0 | 29.7 | 17 | 37.18 |  | 11.04 |
| **Set-IV** |  |  |  |  |  |  |  |  |  |  |
| 13 | IOSH-258 | 62.0 | 90.0 | 163.4 | 4.7 | 58.7 | 18 | 38.18 | 82.86 | 22.41 (7.45) |
| 14 | IOSH-261 | 56.0 | 86.0 | 156.2 | 6.0 | 53.5 | 14 | 39.94 | 66.66 | 21.36 (6.40) |
| 15 | KBSH-44 | 59.0 | 91.0 | 154.0 | 4.2 | 32.1 | 16 | 32.13 | - | 10.31 (-4.65) |
| 16 | DRSH-1 | 56.0 | 88.0 | 158.0 | 5.0 | 39.1 | 15 | 38.27 | 21.80 | 14.96 |
| **Set-V** |  |  |  |  |  |  |  |  |  |  |
| 17 | IOSH-279 | 54.0 | 84.0 | 154.4 | 6.3 | 60.0 | 13 | 36.15 | 29.03 | 21.69 (3.34) |
| 18 | IOSH-284 | 55.0 | 84.0 | 130.8 | 5.7 | 61.2 | 12 | 33.42 | 31.61 | 20.45 (2.09) |
| 19 | KBSH-44 | 57.0 | 91.0 | 174.8 | 5.0 | 46.5 | 14 | 32.39 | - | 15.06 (-3.90) |
| 20 | DRSH-1 | 56.0 | 87.0 | 180.4 | 4.8 | 49.0 | 11 | 38.02 | 5.37 | 18.62 |
| Set-VI |  |  |  |  |  |  |  |  |  |  |
| 21 | IOSH-318 | 51.0 | 83.0 | 144.4 | 6.0 | 46.1 | 15 | 31.69 | 11.35 | 14.60 (0.1) |
| 22 | IOSH-325 | 52.0 | 82.0 | 130.8 | 5.0 | 45.4 | 16 | 35.84 | 9.66 | 16.27 (1.77) |
| 23 | KBSH-44 | 58.0 | 90.0 | 140.0 | 4.5 | 41.4 | 17 | 32.63 | - | 13.50 (-1.0) |
| 24 | DRSH-1 | 56.0 | 88.0 | 167.0 | 5.0 | 39.0 | 16 | 36.29 |  | 14.5 |
| Set-VII |  |  |  |  |  |  |  |  |  |  |
| 25 | IOSH-346 | 63.0 | 92.0 | 150.0 | 5.0 | 50.1 | 13 | 35.54 | 4.37 | 17.80 (6.24) |
| 26 | IOSH-349 | 51.0 | 83.0 | 123.0 | 5.6 | 46.0 | 14 | 34.55 |  | 15.89 (4.33) |
| 27 | KBSH-44 | 59.0 | 91.0 | 171.4 | 5.1 | 48.0 | 9 | 32.32 | - | 15.51 (3.95) |
| 28 | DRSH-1 | 57.0 | 88.0 | 166.6 | 4.7 | 30.6 | 19 | 37.8 |  | 11.56 |
| Set-VIII |  |  |  |  |  |  |  |  |  |  |
| 29 | IOSH-354 | 56.0 | 85.0 | 174.4 | 5.0 | 41.3 | 15 | 33.00 | 4.29 | 13.62 (-0.35) |
| 30 | IOSH-367 | 59.0 | 90.0 | 186.2 | 5.5 | 42.7 | 14 | 39.87 | 7.82 | 17.02 (3.05) |
| 31 | KBSH-44 | 59.0 | 89.0 | 151.4 | 4.6 | 39.6 | 16 | 31.82 | - | 12.60 (-1.37) |
| 32 | DRSH-1 | 57.0 | 89.0 | 160.0 | 5.1 | 35.9 | 13 | 38.93 |  | 13.97 |
| Set-IX |  |  |  |  |  |  |  |  |  |  |
| 33 | IOSH-368 | 54.0 | 88.0 | 135.8 | 5.7 | 49.6 | 13 | 38.55 | 17.25 | 19.12 (6.54) |
| 34 | IOSH-369 | 62.0 | 90.0 | 166.0 | 4.5 | 48.4 | 14 | 40.90 | 14.42 | 19.79 (7.21) |
| 35 | IOSH-380 | 50.0 | 81.0 | 147.2 | 5.4 | 52.3 | 11 | 39.04 | 23.64 | 20.41 (7.83) |
| 36 | KBSH-44 | 59.0 | 83.0 | 171.6 | 5.0 | 42.3 | 14 | 32.32 | - | 13.67 (1.09) |
| 37 | DRSH-1 | 56.0 | 88.0 | 174.4 | 5.1 | 37.7 | 13 | 33.37 |  | 12.58 |