

2010 RECROP SAFFLOWER VARIETY

WILLISTON RESEARCH EXTENSION CENTER

| Variety | Flower | Leaf | Seed | Test | -- Seed Yield -- | | | - Average - | | |
|-------------|--------|--------|---------|------|------------------|------------------|------|-------------|------|------|
| | Date | Height | Disease | Oil% | Weight | 2008 | 2009 | 2010 | 2 yr | 3 yr |
| | | inch | 0-9 | 8% | lb/bu | ----- lb/a ----- | | | | |
| Hybrid 1601 | 74.7 | 19.5 | 7.3 | 33.9 | 38.9 | 434 | 2061 | 1525 | 1793 | 1340 |
| Hybrid 9049 | 72.7 | 20.6 | 7.7 | 29.1 | 41.0 | 459 | 1744 | 1454 | 1599 | 1219 |
| Mondak | 75.3 | 20.0 | 8.0 | 32.5 | 39.8 | 401 | 1825 | 1264 | 1544 | 1163 |
| MT 2000 | 74.0 | 16.8 | 9.0 | 34.8 | 37.7 | 325 | 1659 | 1062 | 1361 | 1016 |
| MT 2003 | 75.7 | 19.4 | 8.3 | 34.1 | 38.7 | 178 | 1793 | 1134 | 1464 | 1035 |
| MT 2004 | 72.0 | 18.0 | 8.7 | 32.7 | 37.6 | 340 | 1218 | 1073 | 1145 | 877 |
| S-518 | 75.3 | 20.0 | 9.0 | 37.2 | 34.5 | 453 | 1836 | 1301 | 1568 | 1197 |
| S-541 | 78.3 | 20.5 | 7.7 | 39.5 | 37.7 | 352 | 1569 | 1050 | 1310 | 990 |
| Centennial | 77.7 | 21.8 | 6.3 | 38.8 | 36.5 | 410 | 1741 | 920 | 1331 | 1024 |
| Finch | 75.3 | 20.1 | 6.7 | 35.0 | 42.0 | 377 | 1494 | 1270 | 1382 | 1047 |
| Cardinal | 75.3 | 22.0 | 6.3 | 33.9 | 42.9 | 326 | 1832 | 1333 | 1582 | 1163 |
| Nutrasaff | 76.3 | 20.5 | 5.7 | 45.3 | 37.3 | 273 | 1383 | 943 | 1163 | 866 |
| MEAN | 75.2 | 19.7 | 7.3 | 37.0 | 38.5 | -- | 1630 | 1122 | -- | -- |
| C.V. % | 1.0 | 8.3 | 10.5 | 0.8 | 1.0 | -- | 8 | 11 | -- | -- |
| LSD 5% | 1.2 | 2.7 | 1.2 | 0.6 | 0.8 | -- | 209 | 200 | -- | -- |

Planted: May 10 into tilled durum stubble.

Harvested: September 8

Seed oil % determined on an NMR machine and reported on 8.0% moisture basis.