

2010 MT/ND 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 9049 | 81.0 | 24.8 | 7.0 | 28.2 | 41.0 | 1238 | 1263 | 1563 | 1413 | 1354 |
| HYBRID 1601 | 82.7 | 26.1 | 8.5 | 32.3 | 38.0 | 1302 | 1809 | 1487 | 1648 | 1532 |
| MONDAK | 83.7 | 25.9 | 9.0 | 30.7 | 38.4 | 1068 | 1304 | 1215 | 1259 | 1195 |
| MT 2000 | 82.7 | 21.6 | 9.0 | 31.0 | 34.0 | 862 | 918 | 947 | 932 | 909 |
| MT 2003 | 83.0 | 24.0 | 9.0 | 31.9 | 37.1 | 886 | 1128 | 1208 | 1168 | 1074 |
| MT 2004 | 80.3 | 20.1 | 9.0 | 30.8 | 37.2 | 1056 | 1092 | 1161 | 1126 | 1103 |
| NUTRASAFF | 83.7 | 26.3 | 6.5 | 43.1 | 36.8 | 834 | 1262 | 1125 | 1193 | 1074 |
| MORLIN | 84.0 | 22.0 | 8.5 | 33.1 | 36.3 | 768 | 1136 | 902 | 1019 | 935 |
| FINCH | 83.0 | 22.8 | 8.0 | 34.0 | 41.4 | 1070 | 1216 | 1228 | 1222 | 1171 |
| CARDINAL | 84.0 | 26.5 | 7.5 | 33.1 | 41.7 | 1279 | 1703 | 1526 | 1615 | 1503 |
| MEAN | 82.9 | 24.3 | 7.8 | 35.3 | 37.6 | 991 | 1185 | 1175 | -- | -- |
| C.V. % | 0.8 | 5.1 | 9.2 | 1.5 | 1.1 | 10 | 8 | 11 | -- | -- |
| LSD 5% | 1.1 | 2.0 | 1.5 | 1.1 | 0.9 | 138 | 139 | 209 | -- | -- |

Planted: April 29 into tilled soybean cover crop residue.

Harvested: September 8

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