

2011 SAFFLOWER VARIETY - IRRIGATED

WILLISTON RESEARCH EXTENSION CENTER

| Cultivar | Days | Canopy | Seed | Test | ----- Seed Yield ----- | | | ----- Average ----- | |
|--------------|-------|--------|------|--------|------------------------|------|------|---------------------|------|
| | to | Height | Oil | Weight | 2009 | 2010 | 2011 | 2 yr | 3 yr |
| | Bloom | inch | % | lb/bu | ----- lb/ac ----- | | | ----- lb/ac ----- | |
| Cardinal(L)* | 70.5 | 19.1 | 32.5 | 38.5 | 1682 | 1342 | 1506 | 1424 | 1510 |
| Finch(L) | 69.5 | 18.8 | 34.9 | 40.1 | 1356 | 1145 | 1129 | 1137 | 1210 |
| Hybrid 1601 | 69.3 | 17.2 | 34.0 | 34.7 | 2191 | 1444 | 1826 | 1635 | 1820 |
| Hybrid 9049 | 68.3 | 18.0 | 29.3 | 36.2 | 1658 | 1094 | 1112 | 1103 | 1288 |
| Mondak | 70.0 | 16.9 | 30.6 | 36.1 | 2121 | 1657 | 941 | 1299 | 1573 |
| MT 2003 | 69.8 | 15.6 | 34.1 | 37.8 | 1945 | 1346 | 1385 | 1366 | 1559 |
| Nutrasaff(L) | 71.0 | 19.0 | 44.2 | 34.7 | 1476 | 956 | 1147 | 1051 | 1193 |
| MEAN | 70.0 | 18.7 | 35.2 | 36.5 | 1535 | 1262 | 1300 | 1281 | 1366 |
| C.V. % | 1.5 | 8.3 | 2.3 | 1.7 | 15 | 15 | 16 | - | - |
| LSD 5% | 1.2 | 2.3 | 1.9 | 1.4 | 334 | 267 | 300 | - | - |

Nesson Valley Irrigation Project

*L = Linoleic

Planted: May 17

Harvested: October 5

Previous Crop: Barley

Seed protein percentages reported on a 8% moisture basis.