

2010 Dormant Seeded Safflower Trial

Hettinger

| Variety | Plant | Flowering | Plant | Test | Oil | ----- Seed Yield ----- | | | | |
|----------------------|-------|-----------|--------|--------|---------|-----------------------------|------|------|------|------|
| | Stand | Date | Height | Weight | Content | 2005 | 2006 | 2008 | 2010 | Avg. |
| | #/ft | | inches | lbs/bu | % | ----- pounds per acre ----- | | | | |
| Fall Seeded | | | | | | | | | | |
| Finch | 2.7 | July 24 | 31 | 37.7 | 33.9 | 2036 | 1547 | 1388 | 2110 | 1770 |
| Montola 2003 | 5.3 | July 26 | 32 | 36.5 | 36.7 | 2240 | 1545 | 1082 | 2771 | 1910 |
| MonDak | 6.3 | July 24 | 33 | 37.0 | 35.1 | | | 1684 | 3248 | 2466 |
| Cardinal | 3.3 | July 26 | 34 | 39.2 | 33.7 | | | 1379 | 2942 | 2160 |
| Mean | 4.4 | July 25 | 32 | 37.6 | 34.8 | 2138 | 1546 | 1383 | 2768 | 1998 |
| Spring Seeded | | | | | | | | | | |
| Finch | 8.9 | Aug. 1 | 31 | 39.2 | 35.0 | 1627 | 2333 | 1364 | 1809 | 1783 |
| Montola 2003 | 9.1 | Aug. 2 | 28 | 37.8 | 36.9 | 1907 | 1513 | 939 | 2350 | 1677 |
| MonDak | 8.3 | Aug. 1 | 29 | 36.9 | 35.1 | | | 1322 | 2231 | 1776 |
| Cardinal | 10.7 | Aug. 2 | 31 | 40.6 | 33.3 | | | 1354 | 2647 | 2000 |
| Mean | 9.2 | Aug. 2 | 30 | 38.6 | 35.1 | 1767 | 1923 | 1245 | 2259 | 1783 |
| C.V. % | 35 | 0.1 | 5.8 | 4.0 | 3.2 | 13.3 | 8.2 | 7.0 | 5.1 | -- |
| LSD .05 | 3.3 | 1 | 3 | 2.3 | 1.7 | 381 | 212 | 136 | 195 | -- |
| LSD .01 | 4.6 | 1 | NS | NS | 2.3 | 532 | 293 | 184 | 184 | -- |

| Planting date | Fall | Spring | Harvest date | Previous Crop |
|---------------|--------|---------|--------------|---------------|
| 2005 | Nov 9 | Apr. 6 | Sept. 20 | Barley |
| 2006 | Nov 14 | Apr. 12 | Aug. 29 | Barley |
| 2008 | Nov 16 | May 7 | Sept. 5 | HRSW |
| 2010 | Nov 6 | May 17 | Sept. 2 | HRSW |

Seeding Rate: 400,000 live seeds / acre.