

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.