

2007 Safflower Variety Trial – Continuously Cropped - No-till, Hettinger

Variety	Days to Bloom	Test Weight lbs/bu	*Oil Content %	Seed Yield			Average Yield	
				2005	2006	2007	2 yr	3 yr
----- pounds per acre -----								
<i>Linoleic Types</i>								
Cardinal	86	40.1	35.9	1493	1387	2270	1828	1717
S-541	86	35.0	42.1	1567	967	2279	1623	1604
Finch	85	40.1	37.2	1627	847	1958	1402	1477
NutraSaff	84	31.0	45.3	1680	127	1400	764	1069
<i>Oleic Types</i>								
Montola 2004	82	39.7	34.2	1753	773	2055	1414	1527
MonDak	86	38.9	35.2	1780	978	1801	1390	1520
Montola 2003	86	38.4	37.7	1907	622	1994	1308	1508
Montola 2000	83	36.2	37.5	1367	860	1500	1180	1242
Trial Mean	84	37.1	38.2	1736	870	1815	--	--
C.V. %	0.9	3.8	1.6	8.8	13.6	9.7	--	--
LSD .05	1	2.0	0.9	221	171	253	--	--
LSD .01	1	2.7	1.2	298	230	342	--	--

* Oil content is adjusted to an 8% moisture basis and is adjusted by oil type.

Planting Date: April 25, 2007

Harvest Date: August 22, 2007

Seeding Rate: 300,000 live seeds / acre (approx. 22 lbs/A).

Previous Crop: 2004 & 2005 = barley, 2006 = hrsw.

Notes: The 2006 trial sustained moderate moisture stress.