

2006 Safflower Variety Trial – Continuously Cropped - No-till

Hettinger

Variety	Days to Bloom	Plant Height	Test Weight	*Oil Content	---- Seed Yield ----			Average Yield	
		inches	lbs/bu	%	2004	2005	2006	2 yr	3 yr
----- Pounds per acre -----									
<i>Linoleic Types</i>									
S-541	87	19	40.2	47.4	2387	1567	967	1267	1640
Finch	86	21	41.1	40.4	2000	1627	847	1237	1491
NutraSaff	86	21	--	50.2	1973	1680	127	904	1260
<i>Oleic Types</i>									
Montola 2003	87	17	39.6	43.0	1900	1907	622	1264	1476
Montola 2004	84	19	38.9	41.8	1853	1753	773	1263	1460
Montola 2000	85	18	37.5	44.7	1880	1367	860	1114	1369
Trial Mean	86	19	39.3	43.7	2100	1736	870	--	--
C.V. %	1.1	6.9	1.4	0.8	13.5	8.8	13.6	--	--
LSD .05	1	2	0.8	0.5	409	221	171	--	--
LSD .01	2	3	1.1	0.7	NS	298	230	--	--

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

Planting Date: April 12, 2006

Harvest Date: August 29, 2006

Seeding Rate: 400,000 live seeds / acre.

Previous Crop: 2003 = HRSW, 2004 & 2005 = barley.

NS = no statistical difference between varieties.

Notes: The 2006 trial sustained severe heat and moisture stress.