

2004 Safflower Variety Trial – Continuously Cropped - No-till

Hettinger

Variety	Plant Stand*	Days to Bloom	Plant Height	Test Weight	---- Seed Yield ----			Average Yield	
	%		inches	lbs/bu	2000	2003	2004	2 yr	3 yr
					----- Pounds per acre -----				
S-518	80	111	19	38.4	1127	1227	2355	1791	1570
S-541	76	114	20	39.5	947	1207	2387	1797	1514
Finch	66	113	20	44.8	853	1280	2000	1640	1378
Montola 2004	82	109	17	40.8	900	1267	1853	1560	1340
Montola 2000	55	114	16	39.8	880	987	1880	1434	1249
Montola 2003	81	112	17	42.0	720	1000	1900	1450	1207
Nutrasaff	69	115	20	37.4			1973		
Morlin	72	114	19	38.4			1900		
Trial Mean	73	113	18	41.1	908	1221	2100	--	--
C.V. %	8.8	1.9	10.4	1.6	9.4	14.2	13.5	--	--
LSD .05	9	3	3	0.9	123	250	409	--	--
LSD .01	12	4	NS	1.3	166	337	NS	--	--

* Visual estimation of plant stand on July 1, 2004.

Planting Date: April 8, 2004 Harvest Date: September 27, 2004

Seeding Rate: 400,000 live seeds / acre.

Previous Crop: 2001 = fallow, 2002 = barley, 2003 = HRSW.

Notes: The 2004 trial sustained hard frosts on May 13 (18° F), May 14 (16° F) and on June 18 (25° F).

NS = no statistical difference between varieties.