

2009 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	%	2007	2008	2009	2 yr	3 yr
----- pounds per acre -----									
<i>Linoleic Types</i>									
Cardinal	88	26	43.4	33.1	2270	1377	1958	1668	1868
Finch	87	29	41.9	34.1	1958	1357	1566	1462	1627
S-541	88	23	39.0	38.8	2279	1071	1196	1134	1515
NutraSaff	88	27	33.2	44.5	1400	612	986	799	999
<i>Oleic Types</i>									
MonDak	89	24	41.9	34.5	1801	1386	1947	1666	1711
Montola 2003	90	26	41.0	36.5	1994	1141	1813	1477	1649
Montola 2000	88	28	40.1	35.4	1500	1474	1596	1535	1523
Hybrid 1601	86	27	38.9	34.8		1637	2073	1855	
Hybrid 9049	86	25	41.9	29.0		1665	1633	1649	
Trial Mean	88	26	39.8	35.7	1815	1319	1568	--	--
C.V. %	1.9	8.4	1.5	--	9.7	7.7	10.0	--	--
LSD .05	2	3	0.8	--	253	147	226	--	--
LSD .01	NS	NS	1.1	--	342	198	304	--	--

* Days to Bloom = the number of days from planting to 10% bloom.

Planting Date: May 6, 2009

Harvest Date: September 24, 2009

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

Previous Crop: 2006, 2007 & 2008 = hrsw.

Notes: The 2009 trial sustained moderate hail damage.