

**2010 Safflower Variety Trial – Continuously Cropped - No-till Hettinger**

Variety	Days to Bloom	Test Weight	Oil Content	Seed Yield			Average Yield	
	*	lbs/bu	%	2008	2009	2010	2 yr	3 yr
				----- pounds per acre -----				
<b>Linoleic Types</b>								
Cardinal	74	44.9	36.8	1377	1958	3015	2486	2117
Finch	73	43.7	36.2	1357	1566	2444	2005	1789
NutraSaff	74	36.5	46.2	612	986	2458	1722	1352
<b>Oleic Types</b>								
Hybrid 1601	73	39.9	37.9	1637	2073	3361	2717	2357
Hybrid 9049	72	42.1	32.5	1665	1663	3184	2408	2161
MonDak	75	40.1	35.7	1386	1947	2831	2389	2055
Montola 2003	75	42.5	36.5	1141	1813	2898	2356	1951
Montola 2000	73	39.2	37.4	1474	1596	2777	2186	1949
Trial Mean	74	40.9	37.1	1319	1568	2793	--	--
C.V. %	0.8	1.6	3.3	7.7	10.0	5.3	--	--
LSD .05	1	0.9	1.7	147	226	212	--	--
LSD .01	1	1.3	2.4	198	304	285	--	--

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

Planting Date: May 17

Harvest Date: September 3

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

Previous Crop: 2007 & 2008 = hrsw, 2009 = oat.

Notes: The 2009 trial sustained moderate hail damage.