

Safflower Variety Trial at Minot

Variety	Days to Bloom DAP ¹	Plant Height inches	Test Weight lbs/bu	Oil Content %	Seed Yield				
					2016	2017	2018	2 year	3 year
					pounds per acre				
<i>Linoleic Types</i>									
Cardinal	70	27	45.0	35.1	2228	2165	1671	1918	2021
Finch	74	27	43.9	35.6	2378	2074	1391	1732	1948
NutraSaff	72	29	36.7	40.8	1545	2257	1541	1899	1781
Chickadee	69	24	44.0	36.5	--	--	1706	--	--
Rubis Red	70	29	47.1	29.5	--	--	1518	--	--
<i>Oleic Types</i>									
Hybrid 1601	72	26	41.4	34.9	3213	3020	1894	2457	2709
MonDak	69	25	44.1	36.0	2269	2582	1622	2102	2158
Montola 2003	73	27	40.8	38.1	2194	2120	1544	1832	1953
Hybrid 200	73	27	44.2	32.5	--	--	2054	--	--
Hybrid 446	73	26	43.8	32.2	--	--	1480	--	--
Trial Mean	71	27	43.1	35.1	2305	2435	1642	--	--
C.V.%	0.9	4.3	1.5	1.8	5.1	12.4	11.6	--	--
LSD 5%	1	2	1.1	1.1	175	528	326	--	--
LSD 10%	1	2	0.9	0.9	144	433	269	--	--

¹Days after Planting

Planting Date: May 8

Harvest Date: September 3

Seeding Rate: Hybrids = 18 lbs/A, non-hybrids = 25 lbs/A

Previous Crop: 2015 & 2017 = hrsw, 2016 = soybean

Tillage System: Minimum till

Soil Type: Williams Loam