

**NDSU Carrington Research Extension Center
2018 Variety Trial Data**

Safflower	Carrington
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Variety	Oil Type	Plant Stand ¹ %	Days to Bloom	Days to PM	Plant Height inch	Plant Lodge 0 to 9	1000 KWT grams	Oil Content %	Test Weight lb/bu	---- Seed Yield ----	
										2018 ----- lb/ac -----	3-yr. Avg.
Cardinal	Linoleic	92	63.7	100.7	24.7	1.7	32.7	34	41.7	2111	2099.3
Finch	Oleic	65	65.0	101.3	22.0	2.0	29.9	32.1	41.4	1481	1769.1
Hybrid 200	Oleic	82	64.0	102.3	22.8	3.3	40.3	28.4	40.0	2093	2023.1
Hybrid 446	Oleic	78	63.3	99.0	22.3	3.7	42.6	27.9	40.8	2215	--
Hybrid 1601	Oleic	93	62.7	102.0	24.7	3.0	40.8	32.8	37.5	2803	2699.1
MonDak	Oleic	93	64.3	100.0	23.6	1.0	34.9	31.7	39.6	2371	2363.0
Montola 2003	Oleic	95	64.3	100.0	22.0	1.7	28.2	32.6	38.8	2074	2159.1
NutraSaff	Linoleic	88	63.7	101.3	25.5	1.0	30.6	41.9	36.5	1512	1612.7
Rubis Red	Linoleic	80	64.0	100.0	23.6	3.3	37.5	28.2	44.6	2162	--
Chickadee	Oleic	90	63.7	102.0	23.4	3.0	31.3	33.6	41.2	2306	--
MEAN		86	63.9	100.9	23.5	2.4	34.9	32.3	40.2	2113	--
C.V. (%)		7.2	0.9	1.5	5.5	34.6	3.9	1.7	0.9	7.8	--
LSD 0.10		8.7	0.9	NS	1.8	1.2	1.9	0.8	0.5	232	--
LSD 0.05		10.5	1.0	NS	2.2	1.4	2.3	0.9	0.7	281	--

Planting Date = May 17 ; Harvest Date = September 10 ; Previous Crop = Field Pea

¹ Plant Stand: Percent of full stand; soil crusting after planting resulted in emerged stands that differed among varieties.