

Safflower Variety Trial	WREC, Williston - 2015								
-------------------------	------------------------	--	--	--	--	--	--	--	--

Variety	Stand %	Days to First Flower ¹ DAP ²	Plant Height inch	Oil -----%-----		Test Weight lb/bu	Yield -----lb/a-----		
				2015	3yr avg		2015	2yr avg	3yr avg
Hybrid 200	90	45	25	33.3	34.4	43.9	2170	1955	2085
Hybrid 1601	80	49	25	37.1	38.9	40.4	2742	1962	1942
MonDak	73	50	22	36.5	36.6	43.1	2183	1747	1923
Cardinal	80	52	23	37.3	35.5	44.1	1895	1613	1884
Hybrid 446	78	45	25	33.6	33.3	43.5	2461	1894	1839
Montola 2003	95	51	22	38.1	38.6	42.1	1963	1590	1746
Hybrid 9049	75	48	22	32.1	31.6	42.7	1784	1609	1647
STI 1201	88	47	21	43.0	43.8	38.8	1630	1402	1537
Hybrid 621	78	47	23	40.3	40.6	38.3	1710	1458	1511
Hybrid 528	78	46	23	43.2	43.3	34.9	1775	1374	1499
Morlin	75	51	22	37.9	37.0	41.6	1877	1487	1446
Finch	85	50	22	37.2	36.2	43.7	1552	1263	1440
NutraSaff	88	49	23	47.6	46.7	39.7	1520	1214	1369
Montola 2000	60	48	19	36.9	-	43.4	1419	-	-
Mean	79.9	47.8	22.7	38.43	-	40.75	1866.1	-	-
C.V.%	15.8	4.7	4.7	1.2	-	1.2	9.0	-	-
LSD 5%	25.7	4.5	2.2	0.92	-	1.02	343.3	-	-
LSD 10%	21.4	3.8	1.8	0.76	-	0.85	285.5	-	-

Location of the WREC: Latitude 48 8'; Longitude 103 44'W; Elevation 2105 ft

Planted: 5/5/15

Harvested: 9/14/15

Harvested area: 56 ft²

Previous crop: spring wheat

Applied fertilizer in lb/a: 9 N : 42 P₂O₅ : 0 K₂O

Soil type: Williams-Bowbells loam

Soil test to 6" in ppm: 37P : 430K OM-1.9 pH-6.0

Soil test to 24" in lb/a: 78N

Chemical Applications: Valor at 3fl.oz/A (preplant fall applied), Prowl H₂O at 3 pints/A (preplant spring applied), Harmony GT at 0.3oz/A with AMS powder (6/5), Equation SC Fungicide at 10oz/A (7/13), Gramoxone SL at 1 quart/A with LI700 at 1 quart/1000 gallons (preharvest dessication 9/9)

First Flower¹ = 50% of flowers from primary head

DAP² = Days after Planting