

Sunflower Variety Trial										WREC, Williston - 2015					
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Variety	Company	Hybrid Type	Oil Type	Downy	Plants	Days to	Days to	Plant	Lodging	Oil ²		Test	Yield ⁴		
				Mildew									lb/a		
				Resistant	per	Flower	Mature	Height	0-9	%		Weight ³			
					Acre	DAP ¹	DAP ¹	inch		2015	3yr avg	lb/bu	2015	2yr avg	3yr avg
Camaro II	Nuseed	Clearfield	NuSun	Yes	18094	66	113	44	2	34.9	35.6	32.9	1752	1691	1709
Talon	Nuseed	Express	NuSun	No	16586	67	114	46	5	31.4	33.2	29.5	1400	1694	1694
Hornet	Nuseed	Clearfield	High Oleic	Yes	16251	69	113	43	2	35.2	36.5	30.3	1452	1652	1694
12G20	Genosys	Clearfield	High Oleic	No	20607	68	113	46	5	33.8	35.5	31.3	1411	1339	1694
Cobalt II	Nuseed	Clearfield	High Oleic	Yes	23958	69	112	45	3	33.3	35.9	31.2	1389	1533	1675
69M2	NuTech	Express	High Oleic	Yes	20440	68	118	44	6	34.9	-	32.0	1501	1703	-
68H7	NuTech	Express	High Oleic	Yes	19937	68	118	48	5	34.9	-	32.5	1346	1485	-
12G25	Genosys	Clearfield	High Oleic	No	20998	68	115	43	2	37.0	-	34.2	1328	1451	-
11N94	Thunder Seed	Clearfield	NuSun	Yes	19937	67	114	42	3	34.6	-	33.0	1499	-	-
N4HM354	Nuseed	Clearfield	High Oleic	Yes	16419	67	113	46	4	34.2	-	31.9	1481	-	-
N4HM355	Nuseed	Clearfield	NuSun	Yes	18764	68	114	43	5	34.4	-	31.6	1475	-	-
42H94	Thunder Seed	Clearfield	High Oleic	Yes	17424	70	113	44	3	34.6	-	30.2	1456	-	-
35H92	Thunder Seed	Clearfield	High Oleic	Yes	17201	67	112	43	2	34.4	-	31.4	1399	-	-
12G28	Genosys	Conventional	High Oleic	No	19937	70	116	44	4	32.6	-	33.4	1363	-	-
12G04	Genosys	Conventional	High Oleic	No	20272	70	118	46	2	36.4	-	32.2	1273	-	-
Mean					19121.7	67.9	114.2	44.3	3.4	34.44	-	31.83	1435.0	-	-
C.V.%					14.8	2.9	1.4	6.9	57.8	2.2	-	1.7	15.3	-	-
LSD 5%					4028.9	2.8	2.3	4.4	2.8	1.07	-	0.77	313.8	-	-
LSD 10%					3357.9	2.3	1.9	3.6	2.3	0.89	-	0.64	261.5	-	-

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

Planted: 5/29/15

Harvested: 10/23/15

Harvested area: 56 ft²

Previous crop: spring wheat

Applied fertilizer in lb/a: none

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), Spartan Charge at 2.75fl.oz/A (preplant spring applied)

DAP¹ = Days after planting

Oil² = Oil content adjusted to 10% moisture

Test Weight³ = Test Weight content adjusted to 10% moisture

Yield⁴ = Yield content adjusted to 10% moisture