

**NDSU Carrington Research Extension Center  
2012 Variety Trial Data**

<b>Oil Sunflower</b>	<b>Carrington (Page 1 of 3)</b>
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Brand	Hybrid	Hybrid Type <sup>1</sup>	Tech Trait	Plant Ht. inch	Plant Lodge 0 to 9	Days to Bloom	Days to PM <sup>2</sup>	Moist. at Harvest %	Test Weight lb/bu	Oil Content <sup>3</sup> %	Seed Yield lb/ac
Mycogen Seeds	8N270CLDM	NS	Clearfield	62.6	0.5	60.8	104.5	10.3	28.4	44.6	2009
Mycogen Seeds	8N358CLDM	NS	Clearfield	64.7	0.5	63.5	106.8	10.3	27.3	45.4	1884
Mycogen Seeds	8N421CLDM	NS	Clearfield	71.3	0.0	65.5	108.0	10.5	27.5	44.8	2115
Mycogen Seeds	8H449CLDM	HO	Clearfield	66.7	0.3	65.5	109.3	11.8	28.7	45.3	2407
Mycogen Seeds	8H288CLDM	HO	Clearfield	66.7	0.8	61.8	105.5	9.6	28.2	44.8	1759
Mycogen Seeds	8D417	NS	Huller	51.8	0.0	66.3	na	10.8	30.2	42.3	1873
Mycogen Seeds	8D310	NS	Huller	68.9	0.5	64.0	na	10.3	27.6	41.2	2138
Pioneer	P63ME70	NS	ExpressSun/DMR	71.3	0.0	67.0	109.3	10.3	23.6	43.5	1910
Pioneer	P63ME80	NS	ExpressSun/DMR	70.5	0.5	65.3	na	12.4	27.4	45.1	2205
Pioneer	P63HE60	HO	ExpressSun/DMR	72.0	0.0	64.5	na	11.0	27.3	43.9	2105
Pioneer	P64HE01	HO	ExpressSun/DMR	69.9	0.3	65.3	na	13.8	28.2	43.3	2032
Genosys	11G04	HO	N/A	68.5	0.3	69.8	na	11.9	28.2	40.8	1605
Genosys	11G08	NS	N/A	72.2	0.5	67.5	108.3	11.1	27.6	42.6	1970
Genosys	11G12	HO	Clearfield	69.5	0.8	68.3	na	14.2	28.9	41.0	1613
Genosys	11G13	NS	Clearfield	67.7	0.0	67.0	107.0	9.8	27.2	39.5	1490
Genosys	12E12	HO	Clearfield	74.2	0.0	65.3	na	13.4	24.6	38.2	1920
Genosys	12E13	HO	Clearfield	73.6	0.3	67.0	na	10.5	24.3	39.2	2087
Genosys	12E14	HO	Clearfield	75.1	0.3	67.5	108.3	10.5	23.5	40.6	2114
Seeds 2000	Falcon	NS	ExpressSun	66.1	0.0	67.0	109.0	11.7	28.5	44.3	1640
Seeds 2000	Durango	NS	ExpressSun	71.1	0.3	71.0	na	13.6	26.4	42.6	1677
Seeds 2000	Camaro II	NS	Clearfield/DMR	69.1	0.3	67.0	108.8	12.6	27.7	44.7	2347
Seeds 2000	Torino	NS	Clearfield	67.7	0.0	68.8	na	12.3	27.9	44.6	2129
Seeds 2000	Cobalt II	HO	Clearfield/DMR	62.4	0.3	63.0	106.8	10.1	27.8	42.7	1985
Seeds 2000	Daytona	HO	Clearfield	59.8	0.0	66.3	na	12.4	27.8	42.5	1867
MEAN				69.0	0.3	65.8	107.6	11.2	26.9	42.3	2092
C.V. (%)				5.3	171.7	2.0	1.6	8.8	2.1	2.2	10.9
LSD 0.05				5.1	0.8	1.9	2.4	1.4	0.8	1.3	316

**Planting Date = June 6 ; Harvest Date = October 12 ; Previous Crop = Spring Wheat**

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**Oil Sunflower**

**Carrington (Page 2 of 3)**

Brand	Hybrid	Hybrid Type <sup>1</sup>	Tech Trait	Plant Ht. inch	Plant Lodge 0 to 9	Days to Bloom	Days to PM <sup>2</sup>	Moist. at Harvest %	Test Weight lb/bu	Oil Content <sup>3</sup> %	Seed Yield lb/ac
Seeds 2000	Badger	Trad	Clearfield/ConOil	72.0	1.0	64.8	108.0	10.5	25.5	38.8	2687
Seeds 2000	X5870	NS	ExpressSun/Dehull	73.0	0.5	66.0	109.0	11.4	22.8	38.6	2141
Seeds 2000	X6872	NS	Clearfield/DMR	73.2	0.8	65.0	108.0	10.6	25.6	41.2	1980
Seeds 2000	X6814	HO	Clearfield/DMR	71.9	0.3	63.3	na	11.0	27.2	42.2	2365
Seeds 2000	X5807	Trad	Dehull	69.5	0.0	66.5	109.3	12.2	20.9	37.2	2020
Seeds 2000	Badger DMR	Trad	Clearfield/DMR	65.4	1.0	62.3	105.8	10.1	26.4	36.8	2654
Seeds 2000	Badger HO	HO	Clearfield/DMR	65.6	0.8	61.0	106.8	9.8	26.5	35.6	2526
Seeds 2000	X9180	Trad	ExpressSun/DMR	66.7	0.5	64.3	na	11.3	28.5	42.9	2002
Syngenta	7120 HO/DM	HO	N/A	66.3	0.8	62.3	106.0	10.1	27.4	43.5	1684
Syngenta	NX24121	HO	Clearfield	60.0	0.3	59.5	106.8	10.0	30.3	41.7	2277
Syngenta	NX24122	HO	Clearfield	67.3	0.5	67.8	na	12.5	25.2	41.0	2473
Syngenta	NX24123	HO	Clearfield	69.9	0.3	67.3	na	12.4	25.2	43.1	1957
Syngenta	3495 NS/CL/DM	NS	Clearfield	69.9	0.0	68.5	106.0	10.5	28.9	43.6	2029
Syngenta	3158 NS/CL/DM	NS	Clearfield	65.0	0.0	66.5	na	10.8	28.3	44.3	2049
Syngenta	3990 NS/CL/DM	NS	Clearfield/Scler.	72.4	0.3	66.8	108.3	11.9	28.5	43.4	2014
Syngenta	3733 NS/DM	NS	N/A	68.1	0.0	66.5	107.3	11.0	27.5	43.0	2290
Syngenta	3733 NS/DM Pelleted	NS	Pelleted Seed	66.5	0.0	68.3	108.8	10.1	27.2	44.0	1990
Syngenta	3158 NS/CL/DM Pelleted	HO	Pelleted Seed	68.1	0.3	67.3	109.5	10.3	28.4	42.3	1908
Syngenta	3995 NS/SU	NS	N/A	70.9	0.3	68.0	na	12.0	26.5	40.5	1704
Syngenta	3845 HO	HO	N/A	70.3	0.3	65.3	108.3	10.2	27.1	43.0	2122
Croplan	460 E	NS	ExpressSun	70.9	0.5	68.3	na	11.8	25.5	45.1	2322
Croplan	432 E	NS	ExpressSun/Huller	65.0	0.5	61.3	107.5	10.2	29.4	43.8	2753
Croplan	548 CL	NS	Clearfield	67.1	0.0	66.5	108.8	10.9	26.9	42.8	2085
Croplan	559 CL	NS	Clearfield	71.9	0.0	69.3	na	12.5	25.8	43.4	1876
MEAN				69.0	0.3	65.8	107.6	11.2	26.9	42.3	2092
C.V. (%)				5.3	171.7	2.0	1.6	8.8	2.1	2.2	10.9
LSD 0.05				5.1	0.8	1.9	2.4	1.4	0.8	1.3	316

**Planting Date = June 6 ; Harvest Date = October 12 ; Previous Crop = Spring Wheat**

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Dahlgren/Sunopta	4421CL	Trad	Clearfield	72.4	0.3	67.8	na	11.6	25.0	39.5	2061
Proseed	E-21 CL	N/A	Clearfield	75.0	0.5	66.0	na	12.7	26.2	41.7	2224
Proseed	E-23 CL	N/A	Clearfield	78.3	0.5	68.0	na	13.2	28.2	42.7	2266
Proseed	E-34CL	N/A	Clearfield	73.2	0.5	64.5	105.8	11.0	24.5	43.2	2018
Proseed	E-85	N/A	N/A	69.7	1.0	62.8	106.3	9.3	25.7	43.4	2200
Proseed	E-362436	N/A	N/A	75.2	1.3	64.0	107.8	10.5	28.6	45.2	2864
Proseed	CL 7001	N/A	Clearfield	74.8	0.0	70.3	na	13.1	25.6	42.3	2355
Proseed	CL 8001	N/A	Clearfield	67.6	0.0	66.5	109.0	10.0	28.2	42.4	1775
MEAN				69.0	0.3	65.8	107.6	11.2	26.9	42.3	2092
C.V. (%)				5.3	171.7	2.0	1.6	8.8	2.1	2.2	10.9
LSD 0.05				5.1	0.8	1.9	2.4	1.4	0.8	1.3	316

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<sup>1</sup> Oil Type: HO = High Oleic, NS = NuSun, Trad = Traditional. Hybrid detail as provided by seed company.

NA = Information not provided.

<sup>2</sup> Days to PM (Physiological Maturity), na, these hybrids had not reached PM on at least 2 replicates at the time of the killing frost on September 23.

<sup>3</sup> Oils reported at 10% moisture.