

**NDSU Carrington Research Extension Center
2014 Variety Trial Data**

Oil Sunflower **Carrington (Page 1 of 2)**

Brand	Hybrid	Hybrid		Plant Ht. inch	Plant Lodge 0 to 9	Days to Bloom	Days to PM	Moist. at Harvest %	Test Weight lb/bu	Oil Content ² %	----- Seed Yield -----	
		Type ¹	Tech Trait								2014 ----- lb/ac	2-yr. Avg. -----
Croplan	458 E HO	HO	ExpressSun	59.5	0.4	72.0	108.2	9.8	28.0	39.0	1683	--
Croplan	13-652 CL	HO	CL	59.6	1.0	74.8	110.8	9.4	29.0	41.5	2155	--
Croplan	14-572 CL	HO	CL	63.0	0.8	68.8	104.3	9.4	31.5	41.1	2532	--
Croplan	432 E	NuSun	ExpressSun	61.5	2.0	68.0	104.5	9.2	31.2	40.1	2439	2175.5
Croplan	545 CL	NuSun	CL	58.3	0.6	72.4	107.4	9.3	29.9	42.4	2002	--
Croplan	559 CL	NuSun	CL	61.5	1.3	73.8	110.0	9.5	30.9	44.2	2230	1978.8
Genosys	12E06	HO	N/A	67.6	1.5	69.8	104.5	10.1	31.7	39.4	2180	1991.4
Genosys	12E12	HO	CL	66.3	0.3	71.5	107.0	9.3	27.7	37.4	1988	1630.5
Genosys	12E13	HO	CL	64.4	2.0	72.8	108.8	8.8	28.7	38.4	2123	2187.4
Genosys	12E14	HO	CL	66.8	2.0	73.0	108.8	9.0	26.9	38.0	2033	1994.1
Genosys	11G08	NuSun	N/A	60.9	2.0	71.2	106.4	8.6	30.8	41.9	1943	1652.1
Genosys	12G20	HO	CL	58.7	1.8	71.5	107.0	9.6	29.8	40.4	2015	1733.2
Genosys	12G25	HO	CL	60.1	0.8	70.5	105.5	9.6	31.3	40.6	2191	--
Mycogen Seeds	8D310CL	NuSun	CL	63.5	1.8	72.3	126.0	10.0	28.5	37.5	2355	2063.1
Mycogen Seeds	8H449CLDM	HO	CL	56.1	1.0	72.0	123.5	9.9	32.5	45.5	2467	2065.4
Mycogen Seeds	8N358CLDM	NuSun	CL	57.8	1.0	69.0	121.3	9.4	31.5	46.2	1933	1666.0
Nuseed Americas	Badger	Trad	CL	62.9	2.5	69.5	104.5	9.5	28.7	40.1	2161	1890.4
Nuseed Americas	Badger DMR	Trad	CL	61.8	1.8	66.3	102.5	8.7	29.6	39.9	2342	1912.9
Nuseed Americas	Badger HO	HO	CL	59.1	1.4	66.2	102.0	9.1	27.8	37.7	2006	1749.1
Nuseed Americas	Camaro II	NuSun	CL	58.9	1.5	71.0	105.8	9.9	30.5	42.2	2413	2135.0
Nuseed Americas	Cobalt II	HO	CL	56.9	0.7	68.3	104.0	8.5	30.2	40.7	1849	1600.1
Nuseed Americas	Falcon	NuSun	ExpressSun	56.9	1.0	73.0	108.3	9.9	31.1	42.1	2030	1928.8
Nuseed Americas	Hornet	HO	CL	59.6	1.4	72.8	107.6	10.9	28.4	40.0	1879	1725.0
MEAN				61.1	1.4	70.8	108.7	9.4	29.7	40.5	2129	--
C.V. (%)				4.3	52.4	1.8	1.6	8.1	2.7	2.8	12.1	--
LSD 0.10				3.1	0.9	1.5	2.0	0.9	0.9	1.3	303	--
LSD 0.05				3.7	1.0	1.8	2.4	1.1	1.1	1.6	362	--

Planting Date = June 3 ; Harvest Date = October 27 ; Previous Crop = Spring Wheat

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Brand	Hybrid	Hybrid		Plant Ht. inch	Plant Lodge 0 to 9	Days to Bloom	Days to PM	Moist. at Harvest %	Test Weight lb/bu	Oil Content ² %	----- Seed Yield -----	
		Type ¹	Tech Trait								2014 ----- lb/ac	2-yr. Avg. -----
Nuseed Americas	NHK12M011	HO	CL	57.5	1.5	70.8	105.5	10.3	30.0	41.8	2365	1939.4
Nuseed Americas	NHK12M054	HO	CL	57.8	1.5	68.3	104.5	8.7	31.7	41.3	2222	--
Nuseed Americas	NHK12M140	HO	CL	57.6	2.0	72.5	107.8	9.5	27.2	39.6	1717	1659.5
Nuseed Americas	Talon	NuSun	ExpressSun	59.4	1.4	68.6	103.0	8.9	29.0	43.2	1851	--
Proseed	E-21 CL	HO	CL	64.8	1.5	71.5	126.0	10.0	27.4	37.7	1871	1710.9
Proseed	E-31 CL	HO	CL	64.1	2.3	72.8	122.7	9.2	28.8	38.6	2092	1907.9
Proseed	E362436	HO	N/A	65.8	2.0	70.8	123.3	9.2	31.8	40.1	2712	2185.1
Proseed	E-85 CL	HO	CL	67.4	1.5	71.5	125.3	9.7	26.8	37.2	2251	1976.9
Croplan	3495 CL	NuSun	CL	62.1	0.8	71.5	106.0	9.4	32.2	41.1	2297	--
Croplan	7111 CL HO	HO	CL	54.4	1.0	67.0	103.3	8.7	30.4	39.6	1954	1670.3
Croplan	7717 CL HO	HO	CL	62.3	1.8	70.0	104.8	8.5	30.2	41.5	2283	--
Syngenta	NX34240 HO/CL/DM	HO	CL	64.2	2.3	71.5	106.8	10.4	28.7	40.6	2371	--
MEAN				61.1	1.4	70.8	108.7	9.4	29.7	40.5	2129	--
C.V. (%)				4.3	52.4	1.8	1.6	8.1	2.7	2.8	12.1	--
LSD 0.10				3.1	0.9	1.5	2.0	0.9	0.9	1.3	303	--
LSD 0.05				3.7	1.0	1.8	2.4	1.1	1.1	1.6	362	--

Planting Date = June 3 ; Harvest Date = October 27 ; Previous Crop = Spring Wheat

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

² Oils reported at 10% moisture.