

NDSU Carrington Research Extension Center
2013 Variety Trial Data

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

Brand	Hybrid	Hybrid Type ¹	Tech Trait ²	Plant Ht. inch	Plant Lodge 0 to 9	Days to Bloom	Days to PM	Moist. at Harvest %	Test Weight lb/bu	Oil Content ³ %	Seed Yield lb/ac
Proseed	E 362436	HO	N/A	61.6	0.8	67.3	115.5	15.0	29.2	36.6	1658
Proseed	E-85 CL	HO	Clearfield	61.6	0.8	70.3	120.3	13.6	27.2	36.2	1703
Proseed	E-21 CL	HO	Clearfield	61.2	0.8	69.5	128.3	14.8	28.2	35.5	1551
Proseed	E-31 CL	HO	Clearfield	58.9	0.8	70.0	127.5	13.9	27.1	36.3	1724
Genosys	11G08	NS	N/A	56.1	0.0	70.0	112.3	13.2	28.6	38.5	1361
Genosys	12G20	HO	Clearfield	52.4	0.5	69.3	117.3	13.5	28.6	36.8	1451
Genosys	12E06	HO	N/A	60.7	1.0	67.5	121.0	13.9	29.1	35.8	1803
Genosys	12E12	HO	Clearfield	60.2	0.8	69.5	128.0	15.6	28.3	36.4	1273
Genosys	12E13	HO	Clearfield	61.0	1.3	70.5	128.0	13.7	26.7	35.8	2252
Genosys	12E14	HO	Clearfield	61.4	1.3	71.3	126.5	16.7	27.6	36.1	1955
AgVenture	3H93	HO	Clearfield	52.5	1.8	67.5	122.3	14.7	28.6	36.6	1468
AgVenture	3H94	NS	Clearfield	53.8	0.3	68.0	120.5	15.2	29.9	39.4	1763
AgVenture	3H95	NS	Clearfield	49.6	0.8	70.3	126.8	18.6	29.2	40.8	1611
Nuseed/Seeds 2000	Falcon	NS	ExpressSun	51.0	1.0	70.5	128.0	15.8	30.4	40.7	1827
Nuseed/Seeds 2000	Camaro II	NS	Clearfield	54.3	0.8	68.0	118.0	15.0	30.0	38.8	1857
Nuseed/Seeds 2000	Torino	NS	Clearfield	52.6	1.0	71.5	126.8	20.4	30.4	39.8	1853
Nuseed/Seeds 2000	Daytona	HO	Clearfield	47.8	0.5	70.3	128.0	19.3	29.3	38.4	2038
Nuseed/Seeds 2000	Cobalt II	HO	Clearfield	49.4	1.3	70.0	122.3	14.2	28.5	38.0	1352
Nuseed/Seeds 2000	Badger	NS	Clearfield	54.3	1.5	68.8	126.0	13.4	28.2	37.6	1620
Nuseed/Seeds 2000	Badger DMR	NS	Clearfield	51.4	0.0	68.3	122.5	11.6	27.3	37.1	1484
Nuseed/Seeds 2000	Badger HO	HO	Clearfield	54.7	0.3	66.0	116.0	11.2	26.4	35.7	1492
Nuseed/Seeds 2000	NLK12S069	NS	ExpressSun	53.9	1.0	69.8	125.0	15.2	26.0	37.4	1557
Nuseed/Seeds 2000	NLK12S070	NS	ExpressSun	52.8	1.0	68.8	117.0	16.4	26.5	38.8	1269
Nuseed/Seeds 2000	Hornet	HO	Clearfield	51.1	1.5	70.0	117.5	14.7	28.5	38.2	1571
Nuseed/Seeds 2000	NLK12M008	NS	Clearfield	51.4	0.5	70.0	117.3	15.7	28.6	39.9	1579
Nuseed/Seeds 2000	NHK12M011	HO	Clearfield	53.5	1.5	71.0	122.8	15.3	26.6	37.8	1514
Nuseed/Seeds 2000	NLK12M178	NS	Clearfield	53.1	1.8	71.0	126.3	15.8	27.3	38.2	1639
Nuseed/Seeds 2000	NHK12M140	HO	Clearfield	54.3	1.5	71.0	121.5	14.7	26.5	37.6	1602
Nuseed/Seeds 2000	NHK12M141	HO	Clearfield	54.2	0.5	73.3	124.8	18.3	27.0	37.3	1519
Nuseed/Seeds 2000	NLK12M006	NS	Clearfield	57.1	0.8	70.5	123.0	17.5	28.4	39.8	1541
Mycogen Seeds	8N270CLDM	NS	Clearfield	49.6	1.0	64.3	119.3	13.1	29.4	39.9	1399
Mycogen Seeds	8N358CLDM	NS	Clearfield	51.8	1.5	67.8	121.3	14.0	28.5	40.3	1399
Mycogen Seeds	8D310CL	NS	Clearfield	59.8	0.3	70.5	127.8	15.0	26.7	35.8	1771
Mycogen Seeds	8N421CLDM	NS	Clearfield	58.3	1.0	70.0	124.3	19.3	28.9	40.4	1784
Mycogen Seeds	8H449CLDM	HO	Clearfield	48.0	0.5	70.8	127.8	18.3	30.6	41.4	1664
Nutrisun	MS9024	NS	N/A	56.5	2.3	72.8	125.3	15.0	27.3	42.1	1535
Syngenta	3845 HO	HO	N/A	50.4	1.0	69.8	126.3	13.2	29.0	37.9	1222
Syngenta	7111 HO/CL/DM	HO	Clearfield	52.4	1.0	66.3	120.3	14.0	28.8	37.4	1386
MEAN				54.7	0.9	69.5	123.1	15.1	28.3	38.2	1613
C.V. (%)				5.6	105.0	1.3	2.5	13.4	1.9	3.2	14.8
LSD 0.10				3.6	NS	1.0	3.6	2.4	0.6	1.4	277
LSD 0.05				4.2	NS	1.2	4.3	2.8	0.8	1.7	330

Planting Date = June 6 ; Harvest Date = October 25 ; Previous Crop = Spring Wheat

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Syngenta	3733 NS/DM	NS	N/A	51.6	0.0	70.5	118.3	13.7	29.2	39.7	1639
Sunopta/Dahlgren	4421	HO	N/A	57.0	0.3	67.5	124.5	12.8	26.8	34.6	1379
Sunopta/Dahlgren	4421CL	HO	Clearfield	57.1	0.5	71.0	126.3	14.1	26.9	33.7	1742
Croplan	432 E	NS	ExpressSun	56.1	1.0	65.8	127.5	13.2	29.4	37.1	1912
Croplan	460 E	NS	ExpressSun	56.8	0.3	70.8	126.8	14.8	29.0	42.3	1820
Croplan	559 CL	NS	Clearfield	56.8	1.0	70.5	117.5	15.4	28.4	41.0	1728
Croplan	548 CL	NS	Clearfield	56.5	0.8	70.5	118.0	14.5	28.9	39.7	1602
Croplan	13-59 CL	NS	Clearfield	50.8	1.3	69.8	120.8	16.1	28.6	39.6	1511
Legend Seeds	LSF 318NCL	NS	Clearfield	55.1	1.8	70.0	122.0	14.5	28.2	36.9	1475
Legend Seeds	LSF 9302HOCL	HO	Clearfield	51.2	0.8	69.5	127.0	17.0	29.0	39.2	1642
MEAN				54.7	0.9	69.5	123.1	15.1	28.3	38.2	1613
C.V. (%)				5.6	105.0	1.3	2.5	13.4	1.9	3.2	14.8
LSD 0.10				3.6	NS	1.0	3.6	2.4	0.6	1.4	277
LSD 0.05				4.2	NS	1.2	4.3	2.8	0.8	1.7	330

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¹ Oil Type: HO = High Oleic, NS = NuSun, Trad = Traditional.

² Hybrid detail as provided by seed company. NA = Information not provided.

³ Oils reported at 10% moisture.