

**NDSU Carrington Research Extension Center  
2008 Variety Trial Data**

**Oil Sunflower** **Carrington (Page 1 of 3)**

Brand	Hybrid	Oil Type	Neck Drop %	Plant Ht. inch	Plant Lodge 0 to 9	Days to Bloom	Days to PM	Moist. @ Harvest %	Test Weight lb/bu	Oil Content @ 10% M %	Seed Yield			
											2008 lb/ac	2-yr. Avg.	3-yr. Avg.	Oil Yield lb/ac
Proseed	6007	NS	3	65	0.3	84.3	121.5	10.0	33.8	42.9	1718	--	--	736
Proseed	6008	NS	0	60	0.0	85.0	123.3	12.4	31.4	43.0	1865	--	--	809
Proseed	6481	NS	0	62	0.0	83.3	120.8	9.6	30.4	43.3	1745	2175	--	755
Proseed	7016	NS	0	67	0.3	88.3	124.3	10.1	32.1	42.0	1534	--	--	643
Proseed	7025	NS	0	61	0.5	86.0	120.0	10.7	31.3	40.2	1654	--	--	667
Proseed	7052	NS	0	64	0.3	83.8	116.5	9.4	34.3	45.8	1975	--	--	903
Proseed	7069	NS	0	63	0.3	84.8	119.8	9.4	32.6	43.9	1595	--	--	701
Proseed	7207	NS	0	62	0.0	86.5	120.8	9.6	33.1	41.1	1694	--	--	696
Proseed	EE-2	NS	18	65	1.5	83.3	117.0	9.1	30.6	38.1	1840	1562	--	703
Proseed	E-85	HO	3	63	0.0	81.3	120.3	9.5	29.5	41.2	1820	2187	--	751
Proseed	E-5	NS	3	59	0.3	84.0	120.8	10.6	30.5	41.8	1724	2190	2426	722
Proseed	E-6	NS	0	58	0.0	85.7	124.0	10.7	28.6	41.2	1857	--	--	768
Proseed	E-7	NS	0	65	0.0	83.0	122.8	11.7	28.9	41.4	1842	--	--	764
Pioneer Brand	63N82	NS	0	58	0.0	79.3	120.7	9.9	32.0	43.7	1975	--	--	863
Pioneer Brand	64H41	HO	0	62	0.0	82.5	122.8	10.4	33.3	41.8	1912	2236	2253	777
Mycogen Seeds	8N270	NS	0	51	0.0	75.0	113.8	9.8	30.8	42.4	1821	2048	1993	774
Mycogen Seeds	8N337DM	NS	0	54	0.0	77.8	117.8	11.2	32.0	47.4	2008	2052	2120	945
Mycogen Seeds	8N358CLDM	NS	3	56	0.0	81.5	121.8	10.4	32.2	47.9	1828	2198	2302	873
Mycogen Seeds	8D310	NS	0	60	0.0	78.8	113.0	12.6	28.4	38.6	1472	2017	2079	571
Mycogen Seeds	8D481	NS	0	58	0.0	82.0	124.8	10.6	32.2	41.1	2330	--	--	958
Mycogen Seeds	8N453DM	NS	0	57	0.0	81.8	126.3	11.0	33.8	48.7	2111	2508	2487	1031
Mycogen Seeds	8H288DM	HO	5	56	0.3	77.0	116.3	9.4	32.0	45.2	1615	--	--	729
Mycogen Seeds	8H350DM	HO	0	63	0.3	80.3	117.3	10.1	30.3	44.3	1727	1932	1876	765
Mycogen Seeds	8H449DM	HO	0	56	0.0	81.8	129.5	13.2	33.6	46.6	2230	--	--	1040
Garst	4651NS	NS	0	58	0.0	82.3	122.8	10.8	30.7	43.6	2097	--	--	916
Garst	NX43489	NS	5	60	0.3	82.5	122.0	10.4	33.5	44.2	2085	--	--	921
Garst	NX44166	HO	3	59	0.0	81.3	117.3	10.8	32.6	41.5	1886	--	--	785
Monsanto	MH7633		0	60	0.5	83.3	124.3	10.8	32.8	43.8	2446	--	--	1071
Monsanto	MH7632		0	57	0.0	82.8	127.3	10.1	32.7	45.5	2127	--	--	964
Monsanto	MH6643		0	57	0.0	78.0	117.0	10.6	30.4	42.6	1693	2343	--	727
Monsanto	MH6640		5	57	0.5	81.3	119.3	10.8	31.8	44.0	2161	--	--	961
Dekalb	DKF 29-30		0	56	0.0	76.0	112.8	9.0	30.3	42.6	1536	2002	--	655
Dekalb	DKF 34-33		0	57	0.0	81.3	118.5	11.1	33.2	45.2	1799	2408	--	814
Dekalb	IS 6131		0	57	0.0	75.8	115.5	9.5	30.0	41.4	1473	2050	--	611
MEAN			1.9	58.1	0.1	81.7	121.6	10.9	31.7	43.8	1878	--	--	824
C.V. %			241	4.2	293	1.6	2.7	15.4	2.3	2.9	11.5	--	--	12.2
LSD .05			6.4	3.4	0.4	1.8	4.6	2.3	1.0	1.8	299	--	--	140

**Planting Date = May 20 ; Harvest Date = October 28 ; Previous Crop = Spring Wheat**

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Brand	Hybrid	Oil Type	Neck Drop %	Plant Ht. inch	Plant Lodge 0 to 9	Days to Bloom	Days to PM	Moist. @ Harvest %	Test Weight lb/bu	Oil Content @ 10% M %	Seed Yield			Oil Yield lb/ac
											2008 lb/ac	2-yr. Avg.	3-yr. Avg.	
Dekalb	IS 7120		0	57	0.0	77.8	117.0	10.3	30.4	41.0	1562	2075	--	641
Dekalb	DKF 39-80 CL		0	65	0.0	83.8	122.3	11.5	32.4	43.0	2041	--	--	878
Dekalb	DKF 34-80 CL		0	60	0.0	83.5	120.8	10.0	31.4	43.4	1694	2292	--	735
Dekalb	DKF 37-31		3	59	0.3	82.0	125.0	11.7	33.5	44.6	2318	2655	2710	1034
Dekalb	DKF 38-45		0	59	0.5	83.3	127.3	10.7	33.6	46.3	2121	2543	--	982
Nidera	KN8636 DM HO	HO	0	63	0.0	83.7	120.0	11.0	31.7	43.3	1632	--	--	707
Nidera	KN9035 DM NS CL	NS	0	59	0.0	82.3	124.3	13.2	32.1	46.0	2002	--	--	923
Croplan Genetics	306 DMR NS	NS	3	55	0.0	76.5	119.3	9.4	30.4	43.3	1632	--	--	706
Croplan Genetics	3080 DMR NS	NS	5	56	0.0	79.0	116.5	9.6	30.5	45.9	1878	2141	2309	861
Croplan Genetics	325 DMR NS	NS	0	55	0.3	79.8	123.3	11.5	31.4	43.3	1821	--	--	790
Croplan Genetics	369 DMR NS	NS	3	59	0.0	82.3	128.0	10.9	30.5	42.4	1636	--	--	697
Croplan Genetics	803 DMR NS	NS	3	56	0.0	75.8	114.5	9.4	30.0	42.5	1345	1783	--	571
Croplan Genetics	356 NS	NS	0	56	0.0	82.8	129.3	14.8	32.8	44.1	2257	2762	2827	996
Croplan Genetics	528 CL NS	CL	0	58	0.0	81.3	119.3	9.7	31.3	42.1	1824	2307	--	768
Croplan Genetics	551 CL NS	CL	0	61	0.3	81.8	129.8	11.5	31.2	43.7	1594	--	--	696
Croplan Genetics	564 CL NS	CL	0	59	0.0	83.3	127.8	14.2	32.9	46.1	1842	2394	--	850
Integra Seed	Int 536NSDM	NS	5	55	0.0	78.5	122.8	11.5	30.4	42.1	1825	2202	2283	765
Integra Seed	IX0834NSDM	NS	3	55	0.3	80.0	117.3	10.0	33.0	44.9	1773	--	--	796
Integra Seed	Int 735NSCLDM	NS	10	55	0.3	80.0	114.5	9.3	30.1	41.9	1860	2115	2154	780
Integra Seed	Int 737NSCLDM	NS	0	61	0.0	85.0	127.5	10.8	31.8	42.6	1868	2059	2237	797
Pannar	PAN 9404	Trad	3	58	0.0	82.3	120.3	10.3	31.0	44.8	1800	--	--	806
Pannar	PAN 7924	NS	3	61	0.0	83.3	123.5	12.2	30.8	44.0	2105	2350	2332	925
Pannar	PAN 7813	NS	8	59	0.0	82.3	120.8	11.7	32.3	45.4	2060	2362	2523	935
Pannar	PEX 8579	NS	0	56	0.0	80.8	118.3	10.9	33.3	45.5	1767	--	--	805
Advanta Pacific	IF51292 NS, DM	NS	3	59	0.0	82.8	123.5	12.7	32.9	45.2	2087	--	--	944
Advanta Pacific	IF51321 NS, DM	NS	8	55	0.0	76.3	116.8	10.4	29.7	40.5	1848	2338	--	750
Advanta Pacific	IF51179 NS, DM	NS	3	56	0.0	80.5	117.8	12.4	32.9	44.9	1913	2261	--	853
Advanta Pacific	IF51122 NS, CL	NS	3	57	0.0	80.0	116.8	9.2	30.6	43.2	1556	2015	--	673
Advanta Pacific	IF51132 NS, CL	NS	5	56	0.0	81.0	121.8	10.3	31.2	44.7	1809	2127	--	810
Advanta Pacific	IF30008 NS, CL	NS	5	63	0.0	83.3	126.0	10.3	32.2	42.0	1966	--	--	815
Advanta Pacific	IF51139 NS, DM, CL	NS	0	62	0.0	83.0	120.5	10.1	33.4	44.7	2092	--	--	933
Advanta Pacific	IF51137 NS, CL	NS	0	57	0.0	83.0	123.5	10.7	33.1	42.7	2244	--	--	960
<b>Seeds 2000</b>	<b>Blazer CL-NS</b>	<b>NS</b>	<b>3</b>	<b>60</b>	<b>0.3</b>	<b>85.5</b>	<b>127.3</b>	<b>12.9</b>	<b>31.0</b>	<b>46.2</b>	<b>1749</b>	<b>2279</b>	<b>2458</b>	<b>806</b>
<b>Seeds 2000</b>	<b>Barracuda CL-NS</b>	<b>NS</b>	<b>0</b>	<b>60</b>	<b>0.3</b>	<b>83.5</b>	<b>125.8</b>	<b>12.1</b>	<b>32.1</b>	<b>46.8</b>	<b>2131</b>	<b>--</b>	<b>--</b>	<b>998</b>
MEAN			1.9	58.1	0.1	81.7	121.6	10.9	31.7	43.8	1878	--	--	824
C.V. %			241	4.2	293	1.6	2.7	15.4	2.3	2.9	11.5	--	--	12.2
LSD .05			6.4	3.4	0.4	1.8	4.6	2.3	1.0	1.8	299	--	--	140

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						to Bloom	@ Harvest %			2008 lb/ac	2-yr. Avg.	3-yr. Avg.		
Seeds 2000	Defender Plus-NS-DMR	NS	8	55	0.3	76.8	113.3	8.9	30.1	42.2	1664	1943	2011	701
Seeds 2000	Teton - HO-DMR	HO	0	56	0.0	81.8	122.0	9.8	30.9	42.5	1885	2187	2169	801
Seeds 2000	Viper CL-NS	NS	5	59	0.0	82.8	121.3	10.2	31.3	44.3	1775	2002	2042	786
SPS Argentina	3H593 AO	HO	5	66	0.3	83.8	119.3	10.0	31.1	43.7	1733	--	--	757
SPS Argentina	3G509 RM	Trad	3	58	0.0	90.0	135.3	19.2	33.1	46.2	2246	--	--	1035
SPS Argentina	06EX05	Trad	0	54	0.0	84.8	129.8	14.9	32.8	48.7	2417	2797	--	1175
Triumph	TRXs7322	NS	0	38	0.0	84.3	129.5	10.5	33.6	46.3	1616	--	--	744
Triumph	TRX DM8340	NS	5	54	0.0	80.0	120.3	10.5	31.8	44.8	1799	--	--	805
Triumph	s878	HO	0	48	0.0	83.8	135.0	14.4	33.0	44.2	1849	2187	--	818
Triumph	TRX R8343	NS	0	60	0.0	81.5	114.3	9.2	31.0	46.3	1842	--	--	851
Triumph	TRX R8341	NS	0	56	0.0	81.3	126.3	14.0	30.9	44.3	2088	--	--	928
Triumph	s671	NS	0	42	0.0	84.5	132.3	13.6	33.8	46.8	2230	2343	--	1044
Triumph	845HO	HO	0	59	0.0	82.5	124.5	13.0	29.7	45.3	1847	2134	2318	835
Triumph	TRX7435HO	HO	0	60	0.0	83.5	124.5	13.4	31.5	44.4	2119	--	--	955
Triumph	630CL	NS	0	62	0.0	82.5	126.5	10.5	31.2	43.9	1931	--	--	848
Triumph	TRXDM8247	NS	13	56	0.3	79.0	111.3	8.6	30.5	44.0	1774	--	--	781
Triumph	TRX7341		3	59	0.0	83.3	115.8	9.5	31.7	45.8	1786	--	--	819
USDA	894	Trad	3	62	0.0	81.3	115.8	9.8	32.0	43.0	1639	2024	2055	704
MEAN			1.9	58.1	0.1	81.7	121.6	10.9	31.7	43.8	1878	--	--	824
C.V. %			241	4.2	293	1.6	2.7	15.4	2.3	2.9	11.5	--	--	12.2
LSD .05			6.4	3.4	0.4	1.8	4.6	2.3	1.0	1.8	299	--	--	140

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