

**NDSU Carrington Research Extension Center
2006 Variety Trial Data**

Oil Sunflower

Carrington (Page 1 of 3)

Brand	Hybrid	Oil Type	Neck	Plant	Plant	Days to	Days	Moist. @	Test	Oil	-- Seed Yield --	
			Drop	Lodge	Ht.	Bloom	to PM	Harvest	Weight	Content @	2-yr.	
			%	0-9	inch			%	lb/bu	%	----- lb/ac ----	
Scherr's Seed	674	NuSun	65	0.5	51	56.5	101.5	10.9	34.8	46.6	2219	2084
Scherr's Seed	630CL	NuSun	3	1.3	61	59.8	104.3	12.9	32.1	39.4	2028	2204
Nidera S.A.	JN 6907 CL	NuSun	9	0.3	61	60.8	105.0	12.1	33.1	42.7	2550	--
Proseed	E-85	High Oleic	6	0.3	69	56.8	103.0	11.6	30.5	41.3	2803	--
Proseed	9441	NuSun	3	0.0	58	59.0	101.5	11.1	33.7	42.4	1779	1820
Proseed	CL-51	NuSun	35	2.3	58	59.0	97.8	11.8	33.2	39.7	2052	--
Proseed	E-5	NuSun	10	0.3	59	58.0	104.3	12.8	31.4	39.6	2899	--
Proseed	E-6	NuSun	5	0.8	60	54.8	101.3	11.0	32.1	40.3	2179	--
Proseed	A-1	NuSun	13	0.3	62	56.3	104.0	11.7	33.3	44.3	2565	2265
Proseed	A-3	NuSun	0	0.8	58	62.3	104.5	14.3	33.2	41.6	1978	1976
Proseed	A-4	NuSun	3	0.5	67	59.8	107.8	12.4	32.3	43.0	2057	1922
Proseed	A-5	NuSun	5	0.3	62	58.0	103.8	14.4	31.3	43.9	2222	--
Proseed	A-6	NuSun	8	0.3	63	59.0	104.8	11.7	32.5	42.3	1998	--
Proseed	A-7	NuSun	23	1.0	62	57.8	103.0	11.7	34.9	43.8	1694	--
Proseed	A-8	NuSun	4	0.0	64	54.5	99.3	9.7	35.0	41.1	1782	--
Garst	4651 NS	NuSun	14	1.0	58	55.8	103.3	12.6	33.2	44.1	2525	--
Garst	4420 NS	NuSun	4	1.0	59	59.0	103.8	12.9	32.2	42.0	2816	--
Garst	4668 NS/CL	NuSun	9	0.0	61	60.3	107.0	13.9	32.5	39.2	2443	--
Garst	4665 HO	High Oleic	14	1.8	61	57.3	101.8	12.1	33.8	41.1	2421	--
Garst	4690 NS	NuSun	1	0.3	54	55.3	102.0	11.2	32.5	40.5	2445	--
Mycogen	8N270	NuSun	11	1.3	49	52.0	98.5	11.1	32.6	42.6	1882	--
Mycogen	8N 337 DM	NuSun	25	2.3	56	54.5	100.8	12.8	32.6	46.0	2256	--
Mycogen	8H 350 DM	High Oleic	19	1.0	58	54.3	96.8	11.1	32.6	44.7	1764	1874
Mycogen	8N 453 DM	NuSun	11	0.3	55	57.0	103.8	12.8	35.1	47.5	2445	2533
Mycogen	8D310	NuSun	4	0.3	59	55.0	100.5	10.9	30.4	37.7	2204	2298
Mycogen	8N 358 CL	NuSun	23	0.5	53	57.8	103.8	11.0	33.2	45.8	2510	--
Mycogen	8N 386 CL	NuSun	13	0.0	56	58.5	104.8	11.1	32.0	41.9	2280	2216
Mycogen	8H 419 CL	High Oleic	14	0.0	57	59.3	105.3	11.7	31.5	43.8	2448	2356
Seeds 2000	Defender Plus	NuSun	28	0.8	54	55.0	99.0	11.2	32.5	40.8	2146	2188
Seeds 2000	Defender HO	High Oleic	40	1.8	55	54.5	99.5	11.6	32.4	39.3	1993	1898
Seeds 2000	Blazer	NuSun	71	0.5	51	57.8	103.3	12.3	33.7	44.8	2817	2526
Seeds 2000	Viper	NuSun	75	0.8	54	57.0	103.5	10.0	31.6	42.2	2124	2111
Seeds 2000	X6539HODMR	High Oleic	14	0.0	55	57.8	104.3	13.3	32.4	42.1	2774	2449
Seeds 2000	X4239HODMR	High Oleic	16	0.5	54	55.8	102.0	12.2	31.9	42.9	2132	--
Seeds 2000	X9765IMIHODMR	High Oleic	34	0.3	58	58.8	105.8	11.1	33.3	39.6	1820	--
MEAN			17.5	0.7	56.3	56.5	102.8	11.9	32.6	42.3	2375	--
C.V. %			73.3	135	6.6	1.9	2.1	18.3	2.5	2.8	18.1	--
LSD .05			17.8	1.2	5.1	1.5	3.0	3.0	1.1	1.6	595	--

Planting Date = June 1 ; Harvest Date = October 23 ; Previous Crop = Spring Wheat

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Brand	Hybrid	Oil Type	Neck	Plant	Plant	Days to	Days	Moist. @	Test	Oil	- Seed Yield		
			Drop	Lodge	Ht.	Bloom	to PM	Harvest	Weight	Content @	2006	2-yr.	
			%	0-9	inch				%	lb/bu	%	----- lb/ac	----
Seeds 2000	X5854	HO Con-oil	50	1.5	54	56.5	96.5	10.1	28.3	34.1	1871	--	
Legend Seeds	LSF115N	NuSun	4	1.5	50	53.3	96.0	10.2	33.3	43.4	1986	--	
Legend Seeds	LSF117N	NuSun	10	0.5	53	52.8	100.8	10.8	32.9	40.1	2265	--	
Legend Seeds	LSF121N	NuSun	3	0.5	53	55.8	104.3	10.8	32.0	40.5	2501	--	
Legend Seeds	LSF223NCL	NuSun	5	0.0	58	61.8	107.3	13.2	33.0	39.3	2258	--	
Pannar Seeds	PAN 7813NS	NuSun	49	1.0	55	58.0	106.0	12.4	33.8	43.9	2844	--	
Pannar Seeds	PAN 7924NS	NuSun	20	0.8	58	59.5	106.8	16.4	31.5	41.1	2298	--	
Pannar Seeds	PAN EX2422		8	0.0	58	57.5	106.3	12.2	31.7	41.7	2601	--	
Croplan Genetics	3080 DMR, NS	NuSun	25	0.0	53	54.5	99.8	11.8	32.2	46.0	2647	2465	
Croplan Genetics	343 DMR	NuSun	6	0.8	59	56.5	105.8	12.5	33.6	40.0	2281	2052	
Croplan Genetics	378 DMR	High Oleic	14	0.5	55	55.8	106.0	12.7	32.5	42.3	2831	2477	
Croplan Genetics	305 DMR	NuSun	4	0.3	57	54.5	100.0	11.3	34.5	41.6	2414	--	
Croplan Genetics	356 NS	NuSun	33	0.5	55	58.0	106.5	15.2	33.3	43.6	2956	--	
Croplan Genetics	544 CL, NS	CL	49	0.5	58	58.3	105.0	11.7	32.1	40.4	2155	--	
Integra	INT 536 NS DM	NuSun	10	0.3	55	53.5	103.8	11.5	31.5	40.0	2445	2274	
Integra	INT 432	Trad.Linoleic	4	0.5	55	55.8	102.8	11.0	31.9	45.3	2501	2434	
Integra	INT 735 NSCL	NS CL	71	0.8	54	56.8	104.8	10.7	31.6	41.4	2233	2198	
Integra	INT 737 NSCL	NS CL	25	0.0	64	61.5	107.8	12.5	32.6	41.1	2595	--	
Integra	INT 337 HO	High Oleic	1	0.3	62	58.5	104.0	13.0	33.4	40.9	2452	--	
Interstate Seed	Hysun 521	NuSun	4	0.0	53	50.8	102.3	12.4	32.5	41.7	2307	2275	
Interstate Seed	IS4540NS	NuSun	23	0.8	51	55.5	102.0	11.3	33.5	41.8	2454	2217	
Interstate Seed	IS4704NS	NuSun	3	0.8	54	54.3	102.8	10.5	32.9	40.4	2317	2277	
Interstate Seed	HyOleic 120	High Oleic	6	0.5	60	54.8	102.5	11.3	33.2	41.0	2466	2029	
Interstate Seed	EXP 106	NuSun	14	1.5	56	57.5	104.3	12.8	33.4	44.6	2769	--	
Interstate Seed	IS5770 NS/DM	NS DM	23	0.0	59	56.3	104.8	16.0	33.2	42.1	2495	--	
Interstate Seed	IS4575 NS/CL	NS CL	70	1.0	55	58.0	106.5	12.4	31.6	42.6	2390	2259	
Interstate Seed	IS4668 NS/CL	NS CL	16	0.5	63	61.0	108.5	13.8	32.9	41.0	2478	--	
Interstate Seed	IS5880 NS/CL	NS CL	58	0.8	57	58.5	107.8	11.6	31.9	42.0	2599	--	
Monsanto	MH5437	High Oleic	18	0.8	56	56.8	101.8	12.0	30.7	43.8	2323	--	
Monsanto	MH5438	High Oleic	43	0.5	55	57.3	104.3	13.8	31.1	42.7	2881	--	
Monsanto	F30250	NuSun	34	0.3	56	57.3	103.8	11.5	33.6	43.3	2471	--	
Monsanto	MH5331	NS/DM	9	1.0	61	56.0	102.8	10.8	31.5	46.0	1940	--	
Monsanto	MH4436	NS/DM	8	1.3	58	56.5	101.8	10.3	35.2	45.1	2473	2512	
Dekalb	DKF35-10NS	NS/DM	4	1.0	58	55.8	105.0	11.8	34.1	39.8	2275	2302	
Dekalb	DKF 38-80CL	CL	30	0.3	56	58.5	102.0	13.0	31.8	40.2	2920	2568	
MEAN			17.5	0.7	56.3	56.5	102.8	11.9	32.6	42.3	2375	--	
C.V. %			73.3	135	6.6	1.9	2.1	18.3	2.5	2.8	18.1	--	
LSD .05			17.8	1.2	5.1	1.5	3.0	3.0	1.1	1.6	595	--	

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Brand	Hybrid	Oil Type	Neck	Plant	Plant	Days to	Days	Moist. @	Test	Oil	Seed Yield	
			Drop	Lodge	Ht.	Bloom	to PM	Harvest	Weight	Content @	2006	2-yr.
			%	0-9	inch			%	lb/bu	%	----- lb/ac	----
Monsanto	MO5077	NS/DM	5	1.3	59	56.3	101.8	12.5	31.9	44.7	2216	--
Monsanto	MH5436	NS/DM	1	0.0	55	53.5	102.0	11.5	32.3	42.2	1970	--
Dekalb	DKF37-31NS	NuSun	4	1.3	56	58.0	106.0	13.7	33.2	44.7	2820	--
Monsanto	MH4438CL	NS CL	6	0.8	60	56.8	102.3	11.0	33.7	43.5	2426	--
Advanta Pacific	F20018	High Oleic	14	0.3	56	54.3	100.5	10.3	32.0	41.5	1905	--
Advanta Pacific	F30236	NS/DM	24	0.5	44	50.0	96.3	10.8	31.2	42.5	2190	--
Advanta Pacific	F30249	NS/DM	21	0.3	54	56.5	101.3	12.4	33.2	44.7	2458	--
Advanta Pacific	F41271	NS/DM	25	0.8	55	58.3	101.3	11.9	32.2	40.7	2842	--
Advanta Pacific	F51321	NS/DM	23	0.0	50	53.8	102.8	13.6	32.2	41.7	2785	--
Pioneer	63M80	NuSun	5	1.8	56	53.5	98.5	10.3	33.2	45.5	2782	2663
Pioneer	64H41	High Oleic	1	1.8	56	56.5	101.0	11.1	35.2	42.2	2286	2330
Pioneer	63M28	NuSun	0	1.5	54	53.8	97.8	10.9	32.6	44.3	2535	--
Pioneer	63M02	NuSun	4	0.8	51	52.0	100.8	10.4	34.0	43.9	1816	--
Pioneer	6425	NuSun	9	1.5	56	55.8	98.3	11.3	32.4	40.8	2688	--
Pioneer	6623	NuSun	1	0.8	54	51.5	99.8	9.7	32.1	45.3	2524	--
Pioneer	6312	NuSun	4	1.5	57	55.0	103.5	11.0	34.2	43.2	2021	--
Pioneer	6621	NuSun	19	1.0	58	54.3	102.5	10.9	33.3	44.2	2837	--
Pioneer	6416	NuSun	1	0.3	56	58.8	105.3	10.6	31.9	43.6	2750	--
Pioneer	6444	High Oleic	5	1.0	62	57.5	102.3	13.3	33.6	42.4	2514	--
Pioneer	6423	High Oleic	0	0.3	57	54.8	99.0	10.9	32.0	39.2	1760	--
Pioneer	6635	High Oleic	3	0.5	56	57.0	103.5	11.5	34.4	40.6	2424	--
Pannar Genetics	PEX2986	NuSun	6	0.5	58	58.8	105.0	11.4	33.0	39.3	2478	--
Pannar Genetics	PEX3052	NuSun	66	0.3	48	57.0	106.8	10.6	33.9	41.6	2560	--
Pannar Genetics	PEX2453	NuSun	51	0.5	54	57.5	102.5	12.7	33.0	42.4	2591	--
Dahlgren	4421	NuSun	3	0.3	58	55.3	99.8	11.8	30.6	38.0	2069	2216
Triumph Seed	s672	NuSun	8	0.0	32	59.8	106.8	12.1	33.1	44.8	2107	--
Triumph Seed	TRX 3241	NuSun	21	1.0	55	54.8	96.0	10.3	33.0	46.1	2568	2214
Triumph Seed	TRXs5423	NuSun	13	0.8	36	58.8	107.0	13.6	33.1	44.7	2471	--
Triumph Seed	TRX 6443	NuSun	28	1.3	60	56.0	98.0	10.0	33.0	43.1	2227	--
Triumph Seed	845 HO	High Oleic	1	1.0	61	58.5	107.3	15.1	30.0	44.4	2687	--
Triumph Seed	820 HO	High Oleic	24	0.8	57	53.3	100.3	11.5	32.4	43.4	2285	1949
Triumph Seed	TRX 3244	NuSun	29	0.5	58	55.8	98.5	11.3	31.9	43.5	2878	--
Triumph Seed	620 CL	NS CL	16	0.5	56	56.8	103.8	10.7	31.4	42.0	2436	2154
Dyna-Gro	93N05	NuSun	4	0.3	54	55.3	104.5	11.6	32.3	40.6	2698	2341
Dyna-Gro	Exp 1	NuSun	16	0.5	61	62.0	109.5	14.1	31.9	39.7	2854	--
Dyna-Gro	Exp 2	NuSun	11	0.5	47	50.5	97.0	10.8	31.0	42.3	1744	--
USDA	894	Trad.Linoleic	26	0.8	57	55.5	99.5	10.5	33.1	42.4	2117	2009
MEAN			17.5	0.7	56.3	56.5	102.8	11.9	32.6	42.3	2375	--
C.V. %			73.3	135	6.6	1.9	2.1	18.3	2.5	2.8	18.1	--
LSD .05			17.8	1.2	5.1	1.5	3.0	3.0	1.1	1.6	595	--

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