

**NDSU Carrington Research Extension Center
2004 Variety Trial Data**

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

Brand	Hybrid	Oil Type	---- Seed Yield -									
			Neck Drop %	Plant Lodge 0-9	Plant Height inch	Days to Bloom	Days to PM**	Moist. @ Harvest %	Test Weight lb/bu	Oil Content @ 10% M %	2004	3-yr. Avg. ----- lb/ac -----
USDA	894	Linoleic	18	1.5	68	81.5	3.0	23.6	24.4	36.9	1310	--
Proseed	9405	NuSun	60	1.3	63	81.8	4.8	26.9	23.9	43.4	1421	1647.7
Proseed	9441	NuSun	10	1.3	67	82.5	3.0	24.4	25.2	40.9	1597	1908.3
Proseed	CL 55-15	NuSun	29	1.0	62	84.8	3.0	25.2	24.9	39.1	1609	--
Proseed	Exp 15	NuSun	14	1.0	61	77.0	125	22.2	25.2	41.5	1687	--
Proseed	Exp T-1	NuSun	4	1.5	66	81.5	3.5	24.1	22.1	42.9	1603	--
Proseed	Exp T-2	NuSun	1	2.0	65	81.3	4.8	23.4	23.3	41.7	1529	--
Proseed	Exp T-3	NuSun	11	1.3	69	80.8	128	23.7	24.9	42.0	1474	--
Manitoba SF Res.	MSR 50	Trad	43	1.3	65	77.0	2.0	21.3	25.8	36.3	1594	--
Manitoba SF Res.	MSR 51	Trad	0	1.8	74	84.0	4.3	21.2	25.4	32.9	2027	--
Interstate	Hysun 511	NuSun	1	1.3	51	77.0	3.0	18.4	26.6	39.3	1291	--
Interstate	F00125 NS	NuSun	18	1.8	61	75.5	3.0	23.1	26.3	41.8	1678	--
Interstate	4540 NS	NuSun	6	1.5	60	82.8	3.5	23.0	27.4	43.1	1565	--
Interstate	F10003 NS	NuSun	0	1.5	59	76.8	2.8	19.9	25.4	42.9	1867	--
Interstate	Hysun 521	NuSun	25	1.8	54	74.8	3.5	20.6	25.7	41.7	1781	2065.3
Interstate	4704 NS	NuSun	0	2.3	60	76.5	2.0	19.4	24.6	42.1	1563	--
Interstate	Hysun 525	NuSun	3	1.8	60	83.3	3.3	22.2	25.6	40.4	1582	--
Interstate	4575 NS/CL	NS CL	31	1.5	64	80.5	4.0	21.1	25.8	38.0	1440	--
Interstate	4880 NS/CL	NS CL	10	1.8	67	79.8	4.8	23.3	25.8	38.0	1464	--
Interstate	6039	Trad	6	1.0	60	80.3	3.8	25.1	24.7	41.3	1508	--
Interstate	6521	Trad	3	1.0	62	78.5	1.7	20.0	25.8	40.3	1654	--
Interstate	F10046 HO	High Oleic	6	1.3	59	81.3	4.3	21.9	25.9	39.4	1657	--
Interstate	HyOleic 120	High Oleic	14	1.0	66	83.8	4.3	27.9	24.9	37.6	857	--
Dyna-Gro	DG92T94	Trad	3	1.5	65	80.3	3.8	25.4	25.5	42.3	1528	--
Dyna-Gro	DG94T90	Trad	4	1.3	67	82.3	4.3	21.4	24.9	38.5	1831	--
Dyna-Gro	Exp 91N05	NuSun	0	1.3	55	76.5	2.3	23.7	26.1	42.7	1523	--
Dyna-Gro	Exp 93 N05	NuSun	1	1.0	58	77.3	2.0	21.6	25.5	45.4	2052	--
Dyna-Gro	Exp 93 C05	NS CL	13	1.8	61	79.3	4.0	25.3	25.3	41.2	1493	--
Pioneer	63M80	NuSun	0	1.0	59	78.0	3.5	18.3	26.0	45.2	1997	2193.3
Pioneer	Exp 0401	NuSun	4	1.0	58	79.3	126	21.3	24.8	43.1	1513	--
Mycogen	SF 270	Trad	0	1.3	58	74.0	126	20.9	25.5	39.8	1848	--
MEAN			8.1	1.3	61.3	80.2	127	23.0	25.2	40.8	1616	--
C.V. %			97.4	43	8.0	2.3	0.6	14.4	4.6	6.0	18.7	--
LSD .05			11.0	NS	6.8	2.6	1.1	4.6	1.6	3.4	418	--

Planting Date = May 26; Harvest Date = October 27 ; Previous Crop = Spring Wheat

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Mycogen	8N251	NuSun	1	1.3	61	74.8	3.7	19.6	25.8	44.1	1775	--
Mycogen	8D310	NuSun	5	1.5	65	78.0	4.0	19.8	25.4	40.3	1643	--
Mycogen	8N352	NuSun	0	1.3	61	82.5	4.8	24.0	27.0	43.9	1913	--
Mycogen	8N327	NuSun	4	1.0	58	77.5	4.0	25.1	25.3	41.3	1438	2030.3
Mycogen	8377NS	NuSun	5	1.0	62	80.3	4.7	24.1	25.3	42.2	1543	1953.0
Mycogen	8N421	NuSun	3	1.3	66	82.3	4.5	24.0	25.8	42.5	1675	2067.3
Mycogen	8N510	NuSun	8	1.5	64	84.3	3.5	31.1	23.6	40.3	1542	--
Seeds 2000	Defender	NuSun	0	1.0	65	79.5	3.3	21.1	25.8	40.7	1941	--
Seeds 2000	Ranger	NuSun	14	1.3	60	80.3	4.0	24.8	23.9	40.1	1592	2021.3
Seeds 2000	Colonel	NuSun	13	1.0	61	81.8	128	22.8	23.0	38.2	1470	1971.7
Seeds 2000	Blazer	NuSun	8	1.5	57	80.5	3.0	26.0	25.1	43.7	1690	1974.3
Seeds 2000	Charger	NS CL	10	1.0	64	80.5	4.3	24.6	24.6	38.3	1482	--
Seeds 2000	Viper	NS CL	24	1.0	61	80.5	3.5	24.2	24.1	39.7	1423	--
Seeds 2000	X978	NS CL	4	1.8	68	83.0	4.3	25.7	25.7	42.3	1751	--
Croplan Genetics	3080DMR	NuSun	1	1.0	61	81.3	2.3	23.8	24.0	43.0	1562	--
Croplan Genetics	308	NuSun	10	1.0	58	78.5	4.3	27.7	24.5	42.0	1349	1892.3
Legend Seeds	LSF 115N	NuSun	0	1.3	53	77.5	3.0	17.8	26.0	40.3	1330	1734.0
Legend Seeds	LSF 117N	NuSun	10	1.0	52	77.0	4.0	22.0	26.9	40.5	1825	2028.3
Legend Seeds	LSF 119N	NuSun	10	1.3	66	82.0	4.0	23.1	24.9	39.5	1344	--
Legend Seeds	LSF 121N	NuSun	0	1.0	56	77.5	3.5	19.0	24.8	40.9	1755	--
Legend Seeds	LSF 126N	NuSun	0	1.3	61	83.3	2.8	23.9	25.6	39.5	1408	1895.0
Triumph	620CL	NuSun	4	1.3	62	80.8	4.5	22.4	25.3	40.0	1457	2003.3
Triumph	650CL	NuSun	26	1.0	61	83.5	4.5	24.4	24.5	38.8	1354	--
Triumph	TRX 3241	NuSun	0	1.3	58	79.0	127	16.5	27.1	45.5	1851	--
Triumph	s675	NuSun	73	1.3	41	87.8	4.8	33.2	22.6	40.2	958	--
Triumph	636	NuSun	1	1.3	65	82.5	4.3	23.4	22.8	43.1	1650	--
Kaystar	9404	Trad	5	1.5	64	78.8	128	22.2	25.8	38.7	1881	--
Kaystar	8330NS	NuSun	0	1.3	57	82.5	4.3	26.1	26.4	39.1	1315	--
Kaystar	8300	Trad	0	1.0	61	77.0	1.8	19.8	25.0	39.2	1666	--
Integra	INT536	NuSun	14	2.0	56	74.5	3.0	22.8	26.0	38.9	1772	--
Integra	INT550	NuSun	5	1.0	58	83.8	3.0	28.0	24.8	40.6	1715	--
MEAN			8.1	1.3	61.3	80.2	127	23.0	25.2	40.8	1616	--
C.V. %			97.4	43	8.0	2.3	0.6	14.4	4.6	6.0	18.7	--
LSD .05			11.0	NS	6.8	2.6	1.1	4.6	1.6	3.4	418	--

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Integra	INT552	NuSun	6	2.3	67	83.8	127	23.4	24.8	39.7	1652	--
Integra	INT432	Trad	0	1.3	63	80.3	3.8	20.9	25.1	41.3	1792	--
Integra	INT735	NS CL	15	1.3	64	80.5	3.0	23.1	25.1	40.8	1755	--
Dekalb	DKF 33-33NS	NuSun	3	1.0	60	77.8	128	20.7	25.7	39.2	1770	--
Dekalb	EXP 35-10NS	NuSun	4	1.0	60	79.8	3.5	20.7	26.7	40.5	1969	--
Dekalb	MH 4433	NuSun	0	1.3	64	86.0	4.5	25.5	25.9	41.0	1586	--
Dekalb	MH 4231	NuSun	5	1.0	64	79.8	3.5	22.1	25.5	41.9	1791	--
Dekalb	DKF 30-33 NS	NuSun	4	1.3	64	80.3	4.0	19.7	26.2	42.4	1670	--
Dekalb	DKF 38-80 CL	Trad	1	1.0	56	81.0	2.0	21.4	24.9	36.8	1637	--
Dekalb	DKF 38-30 NS	NuSun	3	1.0	58	86.5	4.8	30.3	25.1	39.7	1142	--
Dekalb	MH 4233	NuSun	3	1.5	56	81.5	4.0	24.8	25.0	45.6	1837	--
Dekalb	MH 4431	NuSun	4	1.5	63	83.8	4.8	25.5	24.6	41.3	1530	--
Dahlgren	4421	NuSun	4	1.0	61	78.3	3.7	20.2	25.6	34.7	1845	--
Dahlgren	4440 EXP	NuSun	0	1.0	59	75.7	1.3	19.8	25.8	42.0	1897	--
DenBesten	DB848NS	NuSun	0	1.0	60	82.3	3.7	22.3	26.1	41.6	1724	--
DenBesten	DB845NS	NuSun	3	2.0	62	79.3	3.5	23.2	25.8	45.1	1976	--
DenBesten	DB747	Trad	1	1.3	68	84.3	3.5	22.2	24.6	40.5	1789	--
DenBesten	DB847CLNS	NuSun	12	1.3	62	80.7	4.7	26.3	25.0	37.1	1275	--
MEAN			8.1	1.3	61.3	80.2	127	23.0	25.2	40.8	1616	--
C.V. %			97.4	43	8.0	2.3	0.6	14.4	4.6	6.0	18.7	--
LSD .05			11.0	NS	6.8	2.6	1.1	4.6	1.6	3.4	418	--

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