

**NDSU Carrington Research Extension Center
2002 Variety Trial Data**

Oil Sunflower - NuSun												Carrington (1 of 2)	
Brand	Hybrid	Neck Drop	Plant Lodge	Plant Height	Head Diam.	Days to Bloom	Days to PM	Moist. @ Harvest	Test Weight	Oil Content		2-yr. Avg. 2002	2-yr. Avg. 2002
										at 10% M	Seed Yield		
		%	0-9	inch	cm			%	lb/bu	----- %	----- lb/ac	-----	-----
Croplan Genetics	CL 385	27	0.3	56	20.7	74.5	119.0	16.0	28.8	40.6	40.6	2320	2215.5
Croplan Genetics	CL 322	47	5.3	55	23.0	69.3	121.8	16.3	30.9	40.0	40.1	1926	1846.0
Croplan Genetics	CL 345	10	1.3	58	22.3	69.3	119.5	14.2	29.5	44.0	42.0	2162	1840.0
Croplan Genetics	CL 308	2	1.7	52	19.7	68.8	117.3	12.3	29.7	45.3	--	2196	--
Croplan Genetics	CL 320	10	1.3	54	20.7	68.0	119.5	14.3	29.3	40.5	38.7	2312	2016.5
Dahlgren	DO-4421	13	1.0	57	20.7	67.5	118.8	14.5	29.0	38.0	36.4	2334	2171.0
Dahlgren	DO-EX120	8	1.3	58	20.7	73.0	122.5	14.2	28.8	39.4	--	2537	--
Integra Seed	INT 536NS	33	1.3	50	18.0	67.8	117.3	14.6	30.6	41.7	--	2641	--
Integra Seed	INT 538NS	53	4.7	52	22.3	69.8	119.5	14.7	30.5	40.2	--	1475	--
Integra Seed	INT 541NS	13	1.3	55	20.7	73.3	122.5	15.1	30.7	40.5	--	1630	--
Integra Seed	INT 544NS	42	4.3	55	21.0	70.0	117.0	14.9	29.6	40.1	--	1736	--
Integra Seed	INT 567NS	28	1.3	50	21.7	71.8	117.8	15.4	28.8	41.7	--	1969	--
Integra Seed	INT 550NS	43	1.3	56	22.7	73.8	118.0	16.6	28.7	40.9	--	2329	--
Interstate	F10106NS	7	1.3	53	19.7	69.8	116.3	12.5	32.1	41.6	--	2037	--
Interstate	Hysun 530	35	1.7	52	23.3	68.3	118.0	14.3	30.3	40.1	39.7	1941	1900.0
Interstate	Hysun 521	10	1.3	53	19.3	68.3	117.3	14.4	30.9	41.4	39.7	2222	1919.5
Interstate	982727NS	3	1.7	58	21.3	71.8	119.5	14.7	30.3	41.3	41.0	2108	2058.0
Interstate	F10002NS	12	0.0	52	19.7	69.3	123.3	13.5	30.6	42.1	--	2197	--
Interstate	990177NS	10	1.0	58	20.3	74.0	120.8	14.3	29.8	38.5	--	2239	--
Interstate	F63105NS	8	1.3	53	21.0	71.5	117.8	13.8	30.5	39.8	39.9	2545	2329.0
Interstate	990213NS	10	4.0	59	22.7	74.5	119.5	15.5	29.7	41.7	41.3	2076	2337.5
Interstate	Hysun 450	23	0.3	58	21.0	73.5	118.5	15.6	28.3	39.7	40.2	2143	2257.5
Legend	LSF115N	5	0.7	53	20.3	66.3	112.5	11.9	29.9	41.6	--	2513	--
Legend	LSF117N	18	1.7	53	19.7	67.0	117.3	14.4	31.0	41.2	40.3	2456	2129.0
Legend	LSF124N	8	1.7	57	21.0	71.8	118.5	13.6	30.0	41.2		1941	--
Legend	LSF126N	5	0.7	57	19.7	71.5	118.0	14.6	30.1	40.4		2390	--
Legend	LX202520	13	2.3	49	22.0	69.5	114.0	11.9	28.5	43.3		1704	--
Legend	LX202501	2	1.0	54	20.0	70.8	117.0	12.4	30.8	42.0		1938	--
Monsanto	DKF31-01NS	0	2.5	61	20.5	72.0	122.7	12.9	32.9	41.4	39.3	1827	1648.5
Monsanto	DKF33-33NS	20	3.0	57	22.3	68.3	116.3	13.1	31.1	40.6	--	2269	--
Mycogen	8242NS	32	1.3	55	20.7	66.8	116.8	14.0	29.4	39.9	37.2	2011	1767.0
Mycogen	8377NS	5	1.3	58	22.0	69.5	118.0	13.2	29.7	43.7	41.1	2351	1937.0
Mycogen	8488NS	18	1.0	56	20.7	71.0	122.0	15.8	30.7	41.4	41.2	2140	2029.5
Mycogen	8N421	10	0.7	56	21.7	72.8	121.5	15.6	29.8	42.9	--	2244	--
Mycogen	X89910	13	1.3	52	18.7	69.5	122.5	14.9	28.9	38.4	--	2147	--
Mycogen	8N327	18	6.3	49	20.3	67.8	115.5	13.8	30.9	43.8	--	2480	--
MEAN		16.7	1.8	54.4	21.1	70.6	119.0	14.3	29.6	41.4	--	2145	--
C.V.%		86.6	98.5	7.3	8.6	1.7	2.3	9.4	2.1	2.7	--	12.5	--
LSD.05		23	2.9	6.5	2.9	1.6	3.8	1.9	0.9	1.5	--	373	--

**NDSU Carrington Research Extension Center
2002 Variety Trial Data**

Oil Sunflower - NuSun	Carrington (2 of 2)
------------------------------	----------------------------

Oil Content
at 10% M --- Seed Yield -

Brand	Hybrid	Neck Drop %	Plant Lodge 0-9	Plant Height inch	Head Diam. cm	Days to Bloom	Days to PM	Moist. @ Harvest %	Test Weight lb/bu	Oil Content at 10% M ----- %	2-yr. Avg. 2002 ----- %	2-yr. Avg. lb/ac -----	
Nidera	EN 1601 NS-DM	17	0.0	56	20.3	70.0	121.3	13.4	28.1	44.5	--	2601	--
Pioneer	63M80	2	1.7	57	20.3	70.3	117.0	13.3	29.1	42.8	42.7	2352	2245.0
Pioneer	63M02	33	1.0	54	22.3	66.3	112.3	11.8	30.9	42.5	--	2363	--
Pioneer	63M52	3	1.0	55	23.7	68.8	115.3	13.7	29.1	41.3	--	2447	--
Pioneer	XF3119	3	0.3	55	23.7	71.0	121.0	14.6	29.0	44.2	--	2039	--
Pioneer	XF3120	0	0.3	52	19.3	71.3	120.8	13.4	29.6	41.4	--	2229	--
Proseed	9441	22	2.7	60	23.0	73.3	121.0	15.8	30.1	42.3	41.8	1952	2060.0
Proseed	9405	35	2.7	54	18.3	73.0	123.3	15.4	29.2	43.4	--	1782	--
Proseed	K-405	27	2.7	52	21.0	68.8	120.0	13.9	29.7	38.4	--	1861	--
Proseed	K-441	20	3.3	55	19.7	71.0	116.0	13.5	29.0	38.5	--	1913	--
Proseed	K-653	17	4.3	53	22.0	71.0	118.0	14.9	28.4	36.7	--	1862	--
Red River	RR2010	7	0.7	59	18.3	67.8	121.8	13.7	29.2	39.4	--	2320	--
Red River	RR2011	5	2.0	58	19.0	70.3	122.5	13.8	27.8	40.4	--	2038	--
Seeds 2000	Ranger	28	0.7	50	20.7	70.0	122.3	15.5	29.0	39.6	39.2	2178	2074.5
Seeds 2000	Bronco	22	1.0	54	21.0	74.0	122.0	16.6	28.4	40.7	40.4	2305	2403.5
Seeds 2000	Blazer	35	2.3	52	22.0	71.8	117.8	15.3	29.0	41.6	42.1	2184	2277.0
Seeds 2000	Colonel	15	1.3	56	20.3	72.0	114.5	13.2	26.5	40.0	39.9	2039	2307.0
Seeds 2000	X926	17	2.7	57	21.3	71.3	119.3	13.7	31.5	38.0	--	2192	--
Triumph	658	13	6.5	54	24.0	73.7	121.5	19.4	26.6	42.2	43.0	1626	2112.5
Triumph	636	7	4.0	51	24.3	72.5	123.0	15.1	26.9	43.2	43.0	1177	1870.0
Triumph	665	15	2.5	50	22.0	71.3	120.7	16.2	29.3	40.7	41.8	1950	2111.0
Triumph	645	10	6.3	53	23.0	73.3	126.5	20.0	27.7	44.8	45.0	1539	1860.5
Triumph	TRX2241CL	8	0.0	51	21.0	68.0	119.0	12.6	31.0	42.3	--	2252	--
Triumph	TRX2446DW	92	0.0	39	21.3	76.8	123.3	14.3	29.6	42.5	--	1837	--
Croplan Genetics	803 (Trad. Oil)	0	1.0	56	20.3	69.0	113.3	11.6	30.1	45.2	--	2520	--
Interstate	4049 (Trad. Oil)	8	2.0	59	21.3	72.0	121.3	13.3	29.2	44.0	--	2668	--
Mycogen	270 (Trad. Oil)	0	1.3	48	18.7	66.0	116.8	12.9	30.4	42.7	--	2409	--
Mycogen	260 (Trad. Oil)	0	0.3	55	23.3	71.5	115.0	12.8	29.2	42.6	--	2592	--
Pioneer	63A81 (Trad. Oil)	0	1.7	59	23.3	72.3	117.3	13.5	27.1	41.9	--	2246	--
MEAN		16.7	1.8	54.4	21.1	70.6	119.0	14.3	29.6	41.4	--	2145	--
C.V.%		86.6	98.5	7.3	8.6	1.7	2.3	9.4	2.1	2.7	--	12.5	--
LSD.05		23	2.9	6.5	2.9	1.6	3.8	1.9	0.9	1.5	--	373	--

Planting Date = May 29; Harvest Date = October 30; Previous Crop = Soybean