

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

Oil Sunflower												Carrington	
Brand	Hybrid	Type	- Seed Yield										
			Neck Drop	Plant Lodge	Plant Height	Days to Bloom	Days to PM	Moist. @ Harvest	Test Weight	Oil @ 10% M	Oil @ 2002	3-yr. Avg.	
			%	0-9 inch	inch			%	lb/bu	%	----- lb/ac ----		
Dekalb	DK3868	Trad.	0	0.3	50	71.3	114.8	11.5	31.3	43.9	2187	2240	
Dekalb	DK3875	Trad.	0	0.0	50	72.8	119.3	13.3	30.2	40.6	2339	2473	
Dekalb	DKF29-90	Trad.	0	1.3	56	71.0	115.0	11.2	30.9	45.6	2043	2160	
Dekalb	DKF31-01NS	NuSun	0	5.0	57	70.5	122.0	12.5	33.0	41.3	1650	--	
Dekalb	DKF33-33NS	NuSun	17	2.7	51	66.0	112.0	11.9	31.6	41.4	2239	--	
Integra	INT 432	Trad.	0	0.0	54	73.3	121.0	12.1	29.0	45.4	2143	2269	
Integra	INT 445	Trad.	20	0.7	50	70.5	122.8	14.8	30.1	44.7	2064	2024	
Integra	INT 536 NS	NuSun	7	1.0	47	67.3	114.5	12.9	31.1	40.8	1731	--	
Integra	INT 538 NS	NuSun	15	3.3	54	69.0	116.7	13.4	30.6	41.7	1823	--	
Integra	INT 541 NS	NuSun	8	3.3	56	73.8	120.0	14.0	30.3	41.4	1918	--	
Integra	INT 550 NS	NuSun	25	0.3	52	74.0	119.0	13.9	29.0	41.5	2218	--	
Interstate	971237	Trad.	0	2.0	54	72.0	115.0	11.8	29.5	44.3	2103	--	
Interstate	F 00001	Trad.	2	0.7	52	71.8	125.3	13.3	28.9	42.6	2008	--	
Interstate	IS 4049	Trad.	0	0.7	56	72.8	121.3	12.6	29.1	43.7	2357	2506	
Interstate	IS 5331	Trad.	23	1.3	50	70.8	120.5	14.1	29.0	43.1	1750	--	
Interstate	IS 6039	Trad.	0	0.3	55	70.5	117.0	12.4	30.4	45.5	2301	2042	
Interstate	IS 6521	Trad.	5	0.7	50	70.0	116.3	11.8	30.6	44.2	2317	--	
Kaystar	8300	Trad.	5	1.0	52	67.8	118.5	12.4	28.5	45.4	2074	2216	
Kaystar	9501	Trad.	10	3.0	54	72.8	124.8	15.3	30.5	38.8	2154	--	
Kaystar	2010NS	NuSun	12	1.0	50	70.5	119.8	13.9	30.3	40.4	1769	--	
Mycogen Seeds	8242NS	NuSun	5	0.7	52	67.3	113.0	12.5	28.7	40.1	1966	2007	
Mycogen Seeds	8377NS	NuSun	5	0.3	50	69.5	117.0	12.5	29.9	43.5	2102	2157	
Mycogen Seeds	8488NS	NuSun	0	2.0	50	71.5	122.3	14.8	31.2	43.0	2004	2295	
Mycogen Seeds	8N327	NuSun	0	1.0	52	68.8	116.0	12.0	30.0	44.3	2373	--	
Mycogen Seeds	8N421	NuSun	0	0.0	52	73.0	120.0	13.8	29.6	44.6	1940	--	
Mycogen Seeds	SF260	Trad.	0	0.3	48	72.0	114.8	12.4	28.9	42.3	2058	--	
Mycogen Seeds	SF270	Trad.	0	0.7	51	72.5	116.0	12.4	30.4	45.0	2104	--	
Pioneer	63A70	Trad.	2	1.3	53	68.0	116.5	12.1	29.6	45.6	2493	--	
Pioneer	63A84	Trad.	0	2.7	56	70.3	115.8	11.5	32.7	45.2	2295	--	
Pioneer	63M02	NuSun	3	2.0	54	66.5	111.3	11.3	31.6	43.0	1947	--	
Pioneer	63M52	NuSun	0	1.3	50	69.5	115.3	12.3	30.1	43.3	1726	--	
Pioneer	63M80	NuSun	3	2.7	56	69.3	118.8	12.4	28.6	42.4	2558	--	
Pioneer	P6451	Trad.	0	0.0	48	73.8	121.8	13.4	31.1	41.8	2501	--	
Pioneer	XF3119	NuSun	0	4.0	49	69.8	120.5	14.3	28.4	44.0	1728	--	
Pioneer	XF3120	NuSun	0	0.0	49	71.0	121.5	14.2	28.8	40.6	2004	--	
Proseed	141	Trad.	0	1.7	57	70.5	117.0	12.8	28.0	44.3	1757	2051	
Proseed	9612	Trad.	5	2.7	51	72.8	123.8	14.9	29.9	39.5	1987	2286	
USDA	894	Trad.	23	3.0	55	73.3	120.8	13.9	30.6	42.7	1704	1868	
MEAN			5.0	1.5	52	70.6	118.2	13.0	30.0	43.0	2066	--	
C.V.%			181	92.5	7.1	2.1	2.2	6.3	2.0	3.5	12.4	--	
LSD.05			15	2.2	6	2.1	3.7	1.1	0.9	2.1	358	--	

Planting Date = May 29; Harvest Date = October 31; Previous Crop = Soybean

Hybrid maturity checks: Days to Physiological Maturity; Hysun 311 = 112, Mycogen SF270 = 116, Pioneer 6451 = 122