

**North Central Research Extension Center—Minot
Confectionary Sunflower Variety Trial—Non-Oil**

Company	Variety	Hybrid Type ¹	Days		Plant Height	Moisture %	Seed Weight g/1000	Seeds/Pound lb	Test Weight lb/bu	d Over Screen			Yield				
			to Flower	in						>22/64 %	>20/64 %	>18/64 %	2005	2006	2007	Year 2	Year 3
CHS Inc.	06EXP02	Conv.	66	DAP ²	58	30.7	153.3	2970.8	22.4	58.9	82.2	93.1	--	--	1469	--	--
CHS Inc.	07EXP01	Conv.	68		54	34.1	103.3	4398.8	21.5	15.1	41	65.8	--	--	1034	--	--
Dahlgren & Company	9519	Conv.	68		60	22.8	124.2	3671.0	23.5	39.4	72.1	89.9	--	--	2228	--	--
Dahlgren & Company	9530	Conv.	66		58	27.1	116.9	3898.8	22.8	21.5	61.4	86.7	1134	2938	1634	2286	1902
Dahlgren & Company	9531	Conv.	66		58	25.8	111.2	4096.8	22.5	16.7	50.7	80.5	1608	3180	1700	2440	2163
Dahlgren & Company	9532	Conv.	63		52	17.3	108.4	4288.0	22.5	22.5	57.8	86.4	1856	2229	1986	2108	2024
Dahlgren & Company	9583CL	CL	68		62	37.6	106.1	4342.5	20.8	19.2	54.8	85	--	--	1179	--	--
Mycogen Seeds	8C482	Conv.	67		66	35.5	110.3	4129.3	20.3	35.1	68.5	87.7	--	2111	1796	1954	--
Royal Hybrid	RH1121	Conv.	68		61	27.6	120.6	3767.0	22.1	47.2	75.9	91.1	--	--	1828	--	--
Royal Hybrid	RH1122	Conv.	67		56	33.2	127.1	3659.0	21.0	57.3	80.9	91.2	--	2090	1299	1695	--
Triumph Seed Co., Inc.	767C	Conv.	67		60	30.0	123.0	3702.8	21.7	41.2	71.9	90.4	--	2736	1947	2342	--
Seeds 2000	Jaguar	CL	64		53	19.1	136.4	3339.0	21.9	49	85.7	95.6	--	2468	1904	2186	--
Seeds 2000	Panther	Conv.	64		53	20.7	126.8	3616.0	21.2	58.9	84.5	93.6	--	--	1579	--	--
Seeds 2000	Panther DMR	Conv.	64		55	17.8	104.3	4401.5	19.7	31.7	68.7	91.1	--	--	2076	--	--
Red River Commodities	2215	Conv.	67		63	25.2	113.6	4028.0	21.9	26.7	61.4	85.2	1831	2783	1955	2369	2190
Red River Commodities	2216	Conv.	67		60	26.2	112.7	4031.3	23.4	22.6	61.3	85.7	1948	2913	1757	2335	2206
Red River Commodities	EX41	Conv.	67		68	38.9	103.9	4523.8	20.8	28.3	64.8	86.5	--	--	1451	--	--
LSD 5%	--		2		7	6.1	16.5	641.5	2.1	15.94	12.87	7.8	591	316	499	--	--
C.V.%	--		1.7		8.2	16.3	10.5	10.5	6.6	25.18	10.59	4.89	23.0	9.0	21.5	--	--
Mean	--		66		58	26.4	111.3	4304.0	22.9	30.34	58.25	76.44	1821	2436	1644	--	--

¹ Herbicide Type: Conv.=Conventional, CL=Clearfield.

² DAP=Days after planting.

Due to high CV % for seed yield value, caution should be taken in interpreting yield data for 2007. Additional data sites should be used for making decisions.