

**North Central Research Extension Center—Minot
Sunflower Variety Trial—Confection**

Company	Variety	Hybrid Type ¹	DM Rating ²	Days		Plant Height	Harvest Moisture	Seed Weight	Test Weight
				to Flower DAP ³	Maturity DAP ³				
Advanta Pacific	F41270	C	R	69	107	53	10.4	124.0	27.1
CHS	RH112	C	R	70	103	51	10.3	144.8	24.0
CHS	RH1122	C	R	70	106	52	11.3	141.4	24.1
Croplan	135	C	S	69	101	55	8.8	131.8	22.8
Croplan	137	C	S	70	103	55	8.7	125.0	23.5
Croplan	142	C	S	56	107	53	11.6	134.3	20.4
Dahlgren & Co	9530	C	S	63	103	54	9.1	125.7	25.2
Dahlgren & Co	9531	C	S	71	101	55	8.7	124.2	25.3
Dahlgren & Co	9532	C	S	68	104	48	9.0	127.2	25.1
Mycogen	8C481	C	S	71	105	59	10.7	127.7	24.2
Mycogen	8C482	C	S	71	105	57	12.2	124.0	24.5
RRC	RRC 2215	C	R	63	100	55	8.7	114.7	25.2
RRC	RRC 2216	C	R	71	102	54	8.6	122.6	25.3
RRC	RRC 2214	C	R	64	105	53	10.4	112.9	25.4
Seeds 2000	6946	C	S	71	99	49	7.9	112.3	26.5
Seeds 2000	Jaguar	CL	S	70	105	53	9.3	123.6	23.7
Triumph Seed	767C	C	S	63	105	54	10.9	125.2	24.0
LSD 5%	--	--	--	11	4	4	0.9	15.1	0.9
C.V.%	--	--	--	11.8	2.5	4.8	6.9	5.7	2.7
Mean	--	--	--	68	103	53	9.7	125.7	24.6

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**North Central Research Extension Center—Minot
Sunflower Variety Trial—Confection (continued)**

Company	Variety	Seed Over Screen			Yield				
		>22/64	>20/64	>18/64	2004	2005	2006	2	3
		%	%	%	lb/A				
Advanta Pacific	F41270	19.1	44.2	81.4	--	--	2013	--	--
CHS	RH112	65.3	88.2	96.6	--	2162	2525	2344	--
CHS	RH1122	59.3	76.1	87.4	--	--	2090	--	--
Croplan	135	46.4	73.3	89.9	2047	2444	2108	2276	2200
Croplan	137	44.2	71.4	87.5	--	--	2126	--	--
Croplan	142	79.6	89.9	94.4	--	--	1856	--	--
Dahlgren & Co	9530	48.9	73.8	91.5	2084	1154	2938	2046	2059
Dahlgren & Co	9531	40.4	68.1	90.2	--	1608	3180	2394	--
Dahlgren & Co	9532	41.2	65.5	87.8	1952	1856	2229	2043	2012
Mycogen	8C481	42.8	70.3	87.6	--	2529	2714	2621	--
Mycogen	8C482	60.4	82.5	94.7	--	--	2111	--	--
RRC	RRC 2215	37.0	72.0	91.2	2094	1831	2783	2307	2236
RRC	RRC 2216	45.8	72.2	92.4	--	1948	2913	2430	--
RRC	RRC 2214	15.4	51.3	83.3	1193	2279	2192	2235	1888
Seeds 2000	6946	54.6	77.0	89.3	1847	2064	2529	2297	2147
Seeds 2000	Jaguar	53.1	70.6	85.9	--	--	2468	--	--
Triumph Seed	767C	44.1	63.7	81.8	--	--	2736	--	--
LSD 5%	--	NS	NS	NS	299	591	316	--	--
C.V.%	--	NS	NS	NS	11.7	22.9	9.2	--	--
Mean	--	45.5	69.6	88.2	1812	1821	2436	--	--

¹ Hybrid Type: C=conventional, CL=clearfield

² Disease rating for downy mildew: R=resistant, MR=moderately resistant, S=susceptible,

MS=moderately susceptible, or HS=highly susceptible to downy mildew. DM rating provided by company.

³ DAP=Days after planting