

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

Company/Brand	Variety	Hybrid Type ¹	Days	Days	Plant Height	Lodge	Seed Weight	Seeds/ Pound	Test Weight	Seed Over Screen			Seed Yield				
			50% Flower	to Maturity						in (0)	g/1000	seeds	lb/bu	>22/64	>20/64	>18/64	2008
			DAP ²	DAP ²						-----%-----			-----lb/A-----				
CHS Sunflower	RH3126RT	Conv.	74	107	75	0.3	167.0	2715	22.8	69.0	87.5	97.5	2583	2214	1836	2025	2211
CHS Sunflower	RH400CL	CL	70	98	66	0.5	148.0	3078	19.5	85.0	95.5	99.0	--	1935	1696	1815	--
CHS Sunflower	10EXP01	CL	75	100	68	0.3	148.5	3052	21.6	88.0	97.0	99.5	--	--	2805	--	--
CHS Sunflower	10EXP02	E	73	105	64	0.3	145.5	3150	17.9	90.5	96.5	99.0	--	--	2000	--	--
CROPLAN GENETICS	179	Conv.	75	107	71	0.3	160.5	2838	20.1	75.5	90.5	95.5	--	2504	2544	2524	--
Dahlgren & Company	9530	Conv.	74	101	69	0.8	150.0	3033	22.6	78.5	93.0	97.5	2242	2495	3258	2876	2665
Dahlgren & Company	9592	Conv.	72	100	68	0.3	140.0	3264	20.5	88.0	95.5	99.0	--	2547	2672	2609	--
Dahlgren & Company	9530CL	CL	74	107	74	0.3	151.5	3011	22.6	81.0	93.5	97.5	2504	3076	3132	3104	2904
Mycogen Seeds	8C451	Conv.	72	100	71	0.3	145.5	3121	20.5	88.5	97.0	99.0	1729	2667	2549	2608	2315
RRC	2215	Conv.	74	104	75	1.3	148.0	3088	23.1	70.0	88.0	97.0	2154	2887	2980	2934	2674
RRC	2215 CL	CL	74	103	72	0.8	158.0	2877	22.2	78.0	94.0	98.5	--	--	2642	--	--
RRC	2217	Conv.	73	99	72	0.8	157.5	2889	20.4	91.5	96.5	99.0	--	2622	2868	2745	--
Seeds 2000	Jaguar	CL	70	96	62	0.0	127.5	3573	20.4	83.0	93.5	98.0	1750	2379	1982	2181	2037
Seeds 2000	Panther DMR ³	Conv.	69	94	64	0.8	130.0	3530	22.3	68.5	88.0	98.0	2037	2628	2853	2741	2506
Seeds 2000	6946 DMR ³	Conv.	73	96	68	0.3	126.0	3610	23.0	36.5	75.0	93.5	--	--	2612	--	--
Seeds 2000	X9151	Conv.	71	98	69	0.5	124.0	3679	23.2	46.0	72.5	91.5	--	--	2604	--	--
LSD 5%	--	--	2	4	5	NS	18.4	410	1.7	10.6	5.1	3.4	NS	478	451	--	--
C.V.%	--	--	1.6	2.6	5.4	140.5	6.0	6.0	5.6	6.7	2.7	1.6	19.5	13.4	12.5	--	--
Mean	--	--	72	101	69	0.4	143.9	3197	21.5	73.9	89.4	96.9	2136	2501	2517	--	--

Trial was planted on May 28 with a seeding rate of 18,000 PLS and harvested on November 4.

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

² DAP = Days after planting.

³ Downy Mildew resistant.