

2012 Sunflower Variety Trial—Non-Oil

North Central Research Extension Center—Minot

Company/Brand	Hybrid	Herbicide System	Days	Days	Plant Height	Test Weight	Seed Over Screen			Seed Yield				
			to Flower	to Maturity			>22/64	>20/64	>18/64	2010	2011	2012	2	3
			DAP ¹	DAP ¹	inches	lb/bu	%			lb/A				
CHS	RH1121	Conv.	71	94	61	25.0	93	97	98	--	--	2486	--	--
CHS	10EXP01	Conv.	72	94	60	23.2	91	96	98	--	--	2552	--	--
CHS	12EXP01	Conv.	71	95	61	22.3	97	98	99	--	--	2231	--	--
CHS	12EXP03	Conv.	68	93	58	22.3	94	98	99	--	--	2145	--	--
Dahlgren/Sunopta	9530	Conv.	69	93	63	24.2	90	98	100	3258	2655	2292	2474	2735
Dahlgren/Sunopta	9530CL	Clearfield	71	95	61	24.7	91	96	98	3132	2118	2295	2206	2515
Dahlgren/Sunopta	9592CL	Clearfield	70	93	60	23.1	95	98	99	--	--	2200	--	--
Dahlgren/Sunopta	0089CL	Clearfield	71	96	68	21.5	84	93	97	--	--	1530	--	--
Dahlgren/Sunopta	9569	Conv.	69	94	62	23.8	92	97	99	--	--	1930	--	--
Genosys	12GCF05	Conv.	75	96	63	23.9	93	97	98	--	--	1880	--	--
Genosys	12GCF06	Conv.	75	93	75	20.7	97	98	99	--	--	3055	--	--
Genosys	12GCF07	Conv.	73	95	67	21.4	87	98	99	--	--	1997	--	--
Genosys	12GCF08	Conv.	71	93	62	21.9	90	97	98	--	--	1525	--	--
Genosys	12GCF09	Conv.	76	96	62	22.3	84	95	99	--	--	1521	--	--
Mycogen	8C451CP	Clearfield	71	95	55	22.8	93	98	99	--	--	2024	--	--
Red River Commodities	2215	Clearfield	71	93	67	24.9	92	97	99	2980	2130	2289	2209	2466
Red River Commodities	2215 CL	Clearfield	73	95	63	24.1	91	97	99	2642	2064	2409	2236	2372
Red River Commodities	2217	Clearfield	75	94	59	22.7	97	99	100	2868	1967	1243	1605	2026
Seeds 2000	X9180	Express	69	93	58	24.1	87	96	99	--	1980	1992	1986	--
Seeds 2000	Jaguar DMR	Clearfield	66	91	59	23.4	90	96	99	2853	2148	1846	1997	2282
Seeds 2000	Jaguar	Clearfield	69	92	64	23.8	82	90	94	1982	1966	1974	1970	1974
Seeds 2000	6946 DMR	Conv.	69	91	57	25.5	82	92	97	2612	1982	2126	2054	2240
Seeds 2000	Sundance DMR	Conv.	70	91	61	25.5	78	94	98	--	--	2048	--	--
Long Term Check	Hybrid 924	Conv.	68	93	52	24.2	63	82	95	--	--	1058	--	--
Trial Mean	--	--	71	94	62	23.4	89	96	98	2517	1904	2027	--	--
C.V.%	--	--	1.6	1.1	5.6	4.2	4.0	2.7	2.0	12.5	25.4	13.2	--	--
LSD 10%	--	--	1	1	4	1.2	4	3	2	373	566	316	--	--

Planting Date: May 22
 Planting Rate: 18,000 PLS/A
 Row Spacing: 30"
 Harvest Date: October 16
 Previous Crop: Summer fallow
 Soil Type: Williams Loam