

2013 Sunflower Variety Trial—Non-Oil—Minot

North Central Research Extension Center—Minot

Company/Brand	Hybrid	Days	Days	Plant	Test	Seed Over Screen			Seed Yield				
		to	to			Height	Weight	>22/64	>20/64	>18/64	2011	2012	2013
		Flower	Maturity	inches	lb/bu	-----%-----			-----lbs/A-----				
		DAP ¹	DAP ¹										
CanSun	EX753	62	102	73	21.0	85	92	96	--	--	1525	--	--
CanSun	EX8253	61	104	66	19.5	86	91	94	--	--	1540	--	--
CanSun	EX8255	63	102	71	20.1	82	91	95	--	--	1912	--	--
CanSun	EX5255	63	102	73	20.4	87	92	96	--	--	1958	--	--
Mycogen Seeds	8C451CP	68	102	73	19.4	90	95	97	--	2024	1962	1993	--
Nuseed Global	NHW10403	68	104	72	18.2	88	93	96	--	--	1557	--	--
Nuseed Global	X98578	67	106	77	16.9	92	95	96	--	--	1656	--	--
Nuseed Global	NHW12717	68	105	82	20.0	79	90	96	--	--	1686	--	--
Nuseed Global	X3939	63	102	73	22.2	78	91	96	--	--	1706	--	--
Nuseed Global	NHW12709	63	100	76	20.5	91	96	98	--	--	2248	--	--
Nuseed Global	X4417	61	100	75	18.0	94	96	97	--	--	1520	--	--
Nuseed Global	NHW11921	67	105	81	18.7	82	92	95	--	--	1417	--	--
Nuseed Global	NHW11904	61	98	74	18.9	88	95	96	--	--	1914	--	--
Nuseed Global	5009	67	104	76	20.8	86	94	97	--	--	2022	--	--
Nuseed Global	NHW11928	62	103	77	19.6	88	94	96	--	--	1698	--	--
Nuseed Global	NHW12706	68	104	78	19.3	81	91	96	--	--	2012	--	--
Nuseed Global	NHW11915	69	104	81	20.5	81	92	96	--	--	1554	--	--
Nuseed Global	NHW12725	60	98	75	19.3	90	94	96	--	--	1938	--	--
Genosys	12GCF05	69	100	71	19.2	85	90	94	--	1880	1909	1894	--
Genosys	12GCF12	68	100	85	16.6	90	93	94	--	--	2572	--	--
CHS	13EXP04	68	106	77	18.7	87	94	97	--	--	1919	--	--
CHS	12EXP01	67	105	76	18.9	95	97	98	--	2231	1417	1824	--
Sunopta/Dahlgren	9530CL	68	104	73	21.2	86	92	94	2118	2295	1817	2056	2077
Sunopta/Dahlgren	9592CL+	69	105	72	19.5	87	93	96	--	2200	1496	1848	--
Sunopta/Dahlgren	EX22	61	99	70	16.9	90	94	96	--	--	1588	--	--
Sunopta/Dahlgren	9521	65	105	78	21.3	93	97	98	--	--	2217	--	--
Sunopta/Dahlgren	9579	65	100	70	17.9	88	92	95	--	--	1696	--	--
Sunopta/Dahlgren	9589CL	65	102	77	16.4	89	94	96	--	--	1806	--	--
RR Commodities	8015	65	104	64	17.7	89	92	93	--	--	1314	--	--
RR Commodities	2217 CP	67	104	65	18.8	91	95	97	1967	1243	1731	1487	1647
RR Commodities	2215 CL	68	103	74	21.3	90	95	96	2064	2409	1562	1986	2012
RR Commodities	2215	63	102	71	21.9	88	96	97	2130	2289	1702	1995	2040
Nuseed/Seeds 2000	X9180	62	100	60	21.5	67	82	91	1980	1992	1519	1755	1830
Nuseed/Seeds 2000	6946 DMR	63	99	65	21.6	56	79	90	1982	2126	1784	1955	1964
Nuseed/Seeds 2000	Sundance DMR	62	101	70	21.2	77	91	95	--	2048	1792	1920	--
Nuseed/Seeds 2000	Panther DMR	61	98	62	21.5	88	93	96	--	--	1909	--	--
Nuseed/Seeds 2000	Jaguar DMR	60	98	69	21.9	87	95	97	2148	1846	1940	1893	1978
Nuseed/Seeds 2000	Jaguar	60	99	63	21.7	82	91	95	1966	1947	1724	1836	1879
Trial Mean		64	102	73	19.7	86	93	96	1904	2027	1769	--	--
C.V.%		1.4	1.3	3.7	3.8	4.9	2.9	1.8	25.0	13.2	17.8	--	--
LSD 10%		1	2	3	0.9	5	3	2	566	316	369	--	--

¹Days After Planting

Planting Date: June 19

Planting Rate: 22,000 seeds/A, thinned to 18,000 plants/A

Row Spacing: 30"

Harvest Date: November 12

Previous Crop: 2010 & 2011 = Summer fallow, 2012 = field pea

Soil Type: Williams loam