

2014 Sunflower Variety Trial—Non-Oil

North Central Research Extension Center—Minot

Company/Brand	Hybrid	Days to 50% Flower DAP ¹	Days to Maturity DAP ¹	Plant Height inches	Test Weight lb/bu	Seed Over Screen			Seed Yield				
						>22/64	>20/64	>18/64	2012	2013	2014	2015	
						%	%	%	lbs/A	lbs/A	lbs/A	lbs/A	
CanSun LLC	EX 5255	68	118	66	20.7	87	94	97	--	1958	2026	1992	--
CanSun LLC	EX 8255	70	119	63	21.9	79	91	96	--	1912	1965	1938	--
CanSun LLC	EX 755	72	119	64	22.1	77	90	96	--	--	2239	--	--
CHS Royal Hybrid	RH1130-EX	72	121	66	22.4	94	98	99	2231	1417	2165	1791	1938
CHS Royal Hybrid	RH841	69	117	68	22.1	97	99	99	--	--	2714	--	--
CHS Royal Hybrid	RH609CL	70	119	67	21.5	95	98	99	--	--	2309	--	--
Genosys	12GCF05	73	122	74	21.1	91	97	99	1880	1909	2165	2037	1985
Genosys	12GCF12	73	117	78	19.8	89	95	98	--	2572	1978	2275	--
Genosys	12GCF18	73	119	76	22.0	88	98	100	--	--	2792	--	--
Genosys	12GCF07	73	119	78	20.9	91	97	99	--	--	2309	--	--
Genosys	14GCF01	71	115	75	20.8	83	95	99	--	--	2047	--	--
Mycogen Seeds	8C451CP	72	118	66	21.2	92	98	99	2024	1962	2269	2116	2085
Nuseed Global	6946 DMR	71	117	62	21.8	62	89	97	2126	1784	2287	2035	2066
Nuseed Global	Sundance DMR	69	115	71	23.2	75	94	99	2048	1792	2291	2042	2044
Nuseed Global	X9180	68	119	60	21.7	88	97	99	1992	1519	2374	1947	1962
Nuseed Global	Jaguar	69	117	60	20.0	93	97	99	1947	1724	2187	1955	1953
Nuseed Global	Jaguar DMR	66	117	62	21.2	91	97	99	1846	1940	2012	1976	1933
Nuseed Global	NHW12709	70	116	73	20.0	94	98	99	--	2248	2535	2392	--
Nuseed Global	NHW12706	72	123	72	24.2	71	89	97	--	2012	2161	2086	--
Nuseed Global	Panther DMR	66	115	58	21.8	86	96	99	--	1909	2073	1991	--
Nuseed Global	NSK12M045	69	117	70	19.6	95	99	99	--	--	2309	--	--
Nuseed Global	NHW12723	68	116	68	21.5	91	98	99	--	--	2283	--	--
Nuseed Global	NSK12M044	65	115	63	19.4	95	98	100	--	--	2091	--	--
Nuseed Global	NHW12759	69	120	66	18.2	92	95	98	--	--	1825	--	--
Red River Comm.	2215 cl	71	118	67	23.0	89	98	99	2409	1562	2422	1992	2131
Red River Comm.	2215	69	116	68	22.1	90	98	100	2289	1702	2226	1964	2072
Red River Comm.	2217CP	72	120	64	21.3	92	98	99	1243	1731	2178	1955	1717

2014 Sunflower Variety Trial—Non-Oil—Continued

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						>22/64	>20/64	>18/64	2012	2013	2014	2015	
													-----%
SunOpta	9521	69	120	68	22.7	92	97	99	--	2217	2644	2431	--
SunOpta	EX041	70	118	70	22.0	97	99	99	--	--	2775	--	--
SunOpta	EX019	69	118	73	21.2	97	98	99	--	--	2557	--	--
SunOpta	EX011	70	120	66	21.5	96	99	99	--	--	2479	--	--
USDA check	Hybrid 924	67	114	65	22.2	67	93	99	--	--	1429	--	--
Trial Mean		70	118	68	21.4	88	96	99	2027	1769	2254	--	--
C.V.%		1.0	1.1	4.7	2.0	5.3	2.2	0.7	13.2	17.8	9.4	--	--
LSD 10%		1	1	4	0.5	5	2	1	316	369	152	--	--

¹ Days After Planting

Planting Date: May 30

Plant Population: 18,000 plants/A

Row Spacing: 30"

Harvest Date: October 24

Previous Crop: 2011 = Summer fallow, 2012 = field pea, 2013 = spring wheat

Soil Type: Williams Loam