

2014 Oil Type Sunflower Variety Trial

North Central Research Extension Center—Minot

Company/Brand	Hybrid	Herb Sys	Oil Type	Days to	Days	Plant	Oil	Test	----- Seed Yield -----				
				Bloom	Mature	Height			2012	2013	2014	2 yr	3 yr
				DAP*	DAP*	inches	%	lbs/bu	----- lbs/A -----				
CROPLAN	559 CL	CL	NS	73	120	76	46.3	28.8	3040	2483	2641	2562	2721
CROPLAN	432 E	EX	NS	68	118	66	37.7	28.5	--	2091	1824	1958	--
CROPLAN	545 CL	CL	NS	74	119	69	41.3	28.3	--	--	2597	--	--
CROPLAN	14-572 CL	CL	HO	69	118	68	40.1	29.3	--	--	2445	--	--
CROPLAN	13-652 CL	CL	HO	75	115	70	44.1	24.6	--	--	2271	--	--
CROPLAN	13-08 E	EX	HO	71	120	67	42.5	29.3	--	--	2096	--	--
Genosys	11G08	Con	NS	74	114	72	42.3	30.0	2257	2904	2624	2764	2595
Genosys	12E14	CL	HO	71	121	75	37.6	26.7	2978	2541	1955	2248	2491
Genosys	12E12	CL	HO	71	120	71	36.6	28.2	2070	2599	2053	2326	2241
Genosys	12E13	CL	HO	70	117	64	39.0	27.4	2572	1902	2205	2054	2226
Genosys	12G20	CL	HO	71	117	67	41.4	30.8	--	2744	2189	2466	--
Genosys	12E06	Con	HO	70	119	70	39.0	29.7	--	2715	1819	2267	--
Genosys	12G25	CL	HO	71	120	67	44.7	30.5	--	--	1982	--	--
Mycogen Seeds	8N358CLDM	CL	NS	70	115	64	47.4	28.8	2998	2294	2390	2342	2561
Mycogen Seeds	8H449CLDM	CL	HO	73	122	62	47.6	29.9	3548	1975	1966	1970	2496
Mycogen Seeds	8H288CLDM	CL	HO	69	117	62	43.9	27.1	2504	2134	2526	2330	2388
Mycogen Seeds	8D310CL	CL	NS	71	116	71	37.1	26.5	--	2599	2369	2484	--
Nuseed	Camaro II	CL	NS	72	117	71	41.4	30.3	3063	2280	2456	2368	2600
Nuseed	Falcon	EX	NS	72	119	65	46.3	30.8	2460	1960	1840	1900	2087
Nuseed	Cobalt II	CL	HO	69	119	68	40.8	30.2	1930	1844	1928	1886	1901
Nuseed	NHK12M140	CL	HO	75	119	72	42.0	24.5	--	2033	2374	2204	--
Nuseed	Hornet	CL	HO	75	119	71	40.5	26.5	--	--	2586	--	--
Nuseed	NHK12M011	CL	HO	74	118	68	41.8	28.1	--	--	2526	--	--
Nuseed	Badger	CL	TR	72	117	69	39.5	27.2	--	--	2352	--	--
Nuseed	NHK12M054	CL	HO	69	114	65	41.0	32.2	--	--	2287	--	--
Nuseed	Badger DMR	CL	TR	67	116	66	36.8	29.0	--	--	2281	--	--
Nuseed	Talon	EX	NS	70	120	63	42.2	26.4	--	--	1977	--	--
Nuseed	Badger HO	CL	HO	67	118	73	37.1	26.1	--	--	1699	--	--
Proseed	E-362436	Con	HO	71	116	72	40.6	30.0	2647	2933	2287	2610	2622
Proseed	E-85 CL	CL	HO	71	122	71	37.2	27.2	2626	2004	1819	1911	2150
Proseed	E-21 CL	CL	HO	71	119	69	36.9	27.9	2086	2120	1846	1983	2017
Proseed	E-31 CL	CL	HO	72	118	68	38.8	26.5	--	2222	2156	2189	--

2014 Oil Type Sunflower Variety Trial—Continued

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Company/Brand	Hybrid	Herb Sys	Oil Type	Days to Bloom	Days Mature	Plant Height	Oil %	Test Weight	2012	Seed Yield			3 yr
				DAP*	DAP*	inches		lbs/bu		2013	2014	2 yr	
										----- lbs/A -----			
Scherr AgVenture	AF3N692ES	EX	NS	75	119	69	41.3	29.1	--	--	2303	--	--
Scherr AgVenture	AF3H681ES	EX	HO	73	119	72	39.0	30.8	--	--	1889	--	--
Scherr ProSun	3N94DM	CL	NS	73	117	70	39.6	29.0	--	2468	2352	2410	--
Scherr ProSun	3H93DM	CL	HO	69	117	68	41.7	30.4	--	2381	1928	2154	--
Semillas Fito	SF7G04	--	TR	70	115	65	40.5	30.0	--	--	2385	--	--
Semillas Fito	SF10G38	--	HO	73	117	66	43.2	26.7	--	--	2265	--	--
Semillas Fito	SF11G39	--	TR	71	116	61	38.9	26.7	--	--	1846	--	--
SunOpta	4421CL	CL	NS	74	117	71	37.5	26.6	2370	2614	2483	2548	2489
SunOpta	EX25CL	CL	--	75	122	55	37.8	27.9	--	--	1873	--	--
SunOpta	EX213	--	--	66	115	60	36.8	25.7	--	--	1759	--	--
Syngenta	3495	CL	NS	73	117	67	40.8	32.3	--	--	2516	--	--
Syngenta	NX34240	CL	HO	73	118	71	40.8	27.5	--	--	2488	--	--
Syngenta	SY7717	CL	HO	70	120	65	39.1	28.8	--	--	2216	--	--
Syngenta	7111	CL	HO	68	120	61	41.5	29.1	--	--	1606	--	--
USDA	Hybrid 894	Con	TR	69	118	63	39.1	29.3	--	2396	1672	2034	--
Trial Mean				71	118	67	40.7	28.5	2582	2327	2166	--	--
C.V.%				1.3	1.3	5.5	1.9	2.9	10.7	9.5	11.0	--	--
LSD 10%				1	2	4	0.9	1.0	321	259	278	--	--

*DAP = Days after planting.

Planting Date: May 30

Plant Population: 24,000 plants/A

Row Spracing: 30"

Harvest Date: October 23

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

Soil Type: Williams loam

Note: Yield, test weight and oil content are adjusted to 10% moisture.