

**Oil Type Sunflower Variety Trial at Minot**

Company/Brand	Hybrid	Days to	Days to	Stalk	Root	Plant	Test		Yield	
		Bloom	Mature	Lodging	Lodging	Height	Oil	Weight	2014	2016
		DAP*	DAP*	%	%	inches	%	lbs/bu	----	lbs/A ----
Syngenta	SY7717	66	112	9	6	56	40.9	33.2	2216	2689
Syngenta	NX64288	70	111	3	24	48	46.7	34.1	--	3493
Syngenta	NX64189	66	110	22	18	52	39.8	33.7	--	2419
Mycogen Seeds	8N270CLDM	63	102	26	16	50	39.2	34.4	--	2707
Mycogen Seeds	MY8H456CL	69	113	15	13	58	46.5	30.9	--	2499
Mycogen Seeds	8H449CLDM	69	110	11	29	55	47.0	33.3	1966	2969
Mycogen Seeds	8H288CLDM	65	106	18	24	52	44.7	34.0	2526	3029
Mycogen Seeds	8D310CL	69	110	2	8	59	34.9	30.8	2369	3259
Proseed	E-50061CL	68	113	34	22	60	40.0	32.0	--	2636
Proseed	12G25 CL	67	109	33	23	57	45.6	35.5	--	3361
Proseed	E-31 CL	68	112	13	17	59	38.7	31.8	2156	3694
Proseed	12G04	68	107	27	23	58	43.5	32.9	--	2634
Nuseed	Talon	65	104	16	18	53	39.7	31.3	1977	3176
Nuseed	Cobalt II	66	115	10	9	51	42.3	31.3	1928	3212
Nuseed	Camaro II	68	108	8	25	52	41.5	32.6	2456	2409
Nuseed	Hornet	70	109	25	24	54	42.3	32.3	2586	3054
Nuseed	N4HM354	65	105	27	28	52	40.9	34.8	--	3278
Nuseed	Falcon	68	112	10	18	56	43.2	36.2	1840	3083
Nuseed	Badger DMR	66	106	11	14	57	34.8	31.2	2281	3142
Nuseed	N5LM307	65	104	11	15	52	36.9	29.1	--	2825
Nuseed	Daytona	68	112	8	22	53	41.8	30.6	--	2886
Long Term Check	Hybrid 894	66	104	42	37	50	38.1	31.1	1672	2636
Check	Honeycomb NS	59	100	56	7	52	36.7	32.2	--	1821
Check	559CL	70	115	8	7	55	43.1	32.5	--	2863
Check	8N270CLDM	63	104	21	14	54	40.7	33.7	--	2474
Trial Mean		67	108	19	18	54	41.2	32.6	2166	2890
C.V.%		1.6	3.8	63.0	58.0	6.0	2.7	3.3	11.0	11.3
LSD 5%		2	7	19	17	5	3.2	1.8	278	538
LSD 10%		1	6	16	15	4	2.7	1.5	232	449

\*DAP = Days after planting.

Planting Date: June 6

Planting Population: 28,000 plants/A

Row Spacing: 30"

Harvest Date: November 4

Previous Crop: spring wheat

Tillage: No-till

Soil Type: Williams loam

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