

NDSU North Central Research Extension Center, Minot
2017 Oil Type Sunflower Variety Trial at Minot

Company/Brand	Hybrid	Days to	Days to	Plant	Oil	Test	Yield		
		Bloom	Mature	Height		Weight	2016	2017	Avg.
		DAP*	DAP*	inches	%	lbs/bu	-----	lbs/A	-----
Proseed	E-31 CL	61	115	65	39.0	29.9	3694	2723	3209
Proseed	12G25 CL	62	118	58	47.2	35.2	3361	2888	3124
Proseed	E-73 CL	63	113	61	38.9	28.8	--	2627	--
Proseed	E-362436	61	115	65	42.5	34.1	--	2387	--
Proseed	E-72	65	115	69	41.7	31.9	--	2291	--
Proseed	50016CL	61	117	62	43.3	31.5	--	2142	--
Proseed	E-71 CL	61	113	66	36.5	28.4	--	2117	--
Proseed	E-21 CL	61	116	67	37.4	31.1	--	2034	--
CROPLAN	568 CL HO	64	119	60	45.5	34.0	--	3595	--
CROPLAN	7917 CL HO	62	119	62	44.9	34.0	--	3419	--
CROPLAN	7717 CL HO	61	114	61	42.7	33.4	--	3225	--
CROPLAN	545 CL	64	114	58	44.7	34.0	--	3144	--
CROPLAN	458 E HO	60	114	68	43.3	32.9	--	2941	--
CROPLAN	3732	64	119	63	47.6	35.3	--	2813	--
CROPLAN	455 E HO	61	117	63	45.2	34.3	--	2744	--
CROPLAN	3845 HO	63	119	64	47.7	34.2	--	2490	--
CROPLAN	549 CL	58	111	66	42.5	34.2	--	2302	--
CROPLAN	432 E	58	112	63	39.9	33.7	--	2247	--
Mycogen Seeds	8H449CLDM	61	119	65	47.8	35.8	2969	3167	3068
Mycogen Seeds	8D310CL	62	120	62	36.0	32.2	3259	2382	2821
Mycogen Seeds	8H270CLDM	57	113	59	46.1	33.5	2707	2649	2678
Dyna-Gro Seed	XH72H61CL	57	113	56	48.1	34.1	--	2984	--
Dyna-Gro Seed	XH72H47CL	63	118	61	47.3	32.9	--	2735	--
Dyna-Gro Seed	XH71N33CL	57	112	58	45.3	35.2	--	2000	--
Dyna-Gro Seed	HX71H11CL	58	113	57	44.0	34.3	--	1834	--
Nuseed	Badger DMR	58	113	70	35.7	32.5	3142	3816	3479
Nuseed	Talon	60	112	59	42.4	31.8	3176	2802	2989
Nuseed	Falcon	62	120	60	43.8	35.0	3083	2792	2938
Nuseed	N4HM354	58	113	56	43.9	34.2	3278	2567	2922
Nuseed	Cobalt II	59	112	55	44.7	33.9	3212	2534	2873
Nuseed	N5LM307	58	112	56	39.1	30.9	2825	2901	2863
Nuseed	Hornet	65	119	60	47.7	33.1	3054	2651	2853
Nuseed	Camaro II	62	113	59	44.4	34.4	2409	3000	2705
SunOpta	4415HO/CLP/DM	60	113	64	42.8	32.5	--	2519	--
SunOpta	4425CL	61	115	64	39.0	32.9	--	2467	--
SunOpta	4421CL	63	117	62	37.5	31.8	--	2085	--
Thunder Seed	42H94	62	114	64	45.8	33.0	--	2992	--
Thunder Seed	11N94	61	114	63	45.7	34.3	--	2895	--
Thunder Seed	12N92	59	113	58	46.7	33.7	--	2347	--
Thunder Seed	35H92	58	113	58	44.0	35.1	--	2332	--
Long Term Check	Hybrid 894	61	113	55	42.2	32.7	2636	1818	2227
Early Matur Check	Honeycomb NS	54	109	47	40.1	30.0	1821	1212	1517
Med Matur Check	8N270CLDM	58	112	54	44.5	32.7	2474	2231	2352
Late Matur Ccheck	559CL	65	120	59	43.9	34.2	2863	1782	2323
Trial Mean		61	115	51	43.2	33.1	2890	2582	--
C.V.%		2.2	1.3	4.4	2.8	2.3	11.3	16.5	--
LSD 5%		2	2	4	2.0	1.2	538	693	--
LSD 10%		2	2	4	1.7	1.0	449	580	--

*DAP = Days after planting.

Planting Date: May 23

Harvest Date: October 22

Row Spacing: 30"

Planting Population: 28,000 plants/A

Tillage: Minimum Till

Previous Crop: 2015 = spring wheat, 2016 = barley

Soil Type: Williams loam

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