

NDSU Hettinger Research Extension Center

Oil Type Sunflower - 2017

Hettinger, ND

Company/Brand Hybrid		Oil Type & Traits	Days to Bloom	Plant Height	Lodging %	Test Weight lbs/bu	Oil Content %	Grain Yield		
								2017	2-Year	3-Year
		*	**	inches				-----lbs/ac-----		
Croplan	3732	NS	73	38	2	25.7	39.8	1581	--	--
Croplan	3845 HO	HO	73	41	15	25.6	41.8	1944	--	--
Croplan	432 E	NS, EX, DM	66	43	16	25.9	36.5	1893	2121	2128
Croplan	455 E HO	HO, EX, DM	71	38	24	24.9	39.0	1562	2107	--
Croplan	458 E HO	HO, EX, DM	70	38	17	24.7	38.7	1924	2255	2453
Croplan	545 CL	NS, CL, DM	73	43	18	24.9	38.4	1878	2427	2828
Croplan	549 CL	HO, CL, DM	69	48	25	26.3	39.6	1875	2225	2565
Croplan	5698 CL HO	HO, CL, DM	75	41	33	25.1	40.0	1820	--	--
Croplan	7717 CL HO	HO, CL	69	49	34	26.2	41.6	1825	2098	2422
Croplan	7919 CL HO	HO, CL, DM	73	47	14	25.0	41.4	2467	2698	--
Mycogen	8D310CL	TR, CL	74	47	18	24.0	35.7	1692	1857	2254
Mycogen	8H449CLDM	HO, CL, DM	72	38	16	28.4	42.8	2011	2441	2906
Mycogen	E83529CL	HO, CL, DM	80	47	6	24.6	39.4	1994	--	--
Mycogen	MY8H456CL	HO, CL, DM	74	43	15	25.2	42.9	2132	--	--
Nuseed	Badger DMR	NS, CL, DM	69	45	9	25.5	35.2	2172	2136	2196
Nuseed	Camaro II	NS, CL, DM	72	45	18	26.6	40.0	2065	2239	2585
Nuseed	Falcon	NS, EX	72	42	6	25.2	39.5	1996	2144	2477
Nuseed	Hornet	HO, CL, DM	74	44	26	25.0	42.1	2260	2764	3240
Nuseed	N4HM340	HO, CL, DM	75	43	14	23.8	38.6	1993	--	--
Nuseed	N4HM354	NS, CL, DM	70	42	15	26.2	42.1	2111	2550	--
Nuseed	N4HP470	HO, CLP, DM	73	47	8	26.2	44.2	2535	--	--
Nuseed	N5LM307	NS, CL	68	44	10	23.8	36.0	1803	2008	--
Nuseed	NHK12S111	HO, EX	69	43	10	24.8	39.8	1884	--	--
Proseed	12G25 CL	HO, CL	71	41	11	26.1	43.8	1806	2304	--
Proseed	E 50016 CL	NS, CL	74	38	26	24.5	39.3	1547	--	--
Proseed	E-21 CL	NS, CL, DM	73	47	34	23.5	35.8	1602	--	--
Proseed	E-31 CL	NS, CL, DM	71	46	23	23.4	35.9	1967	2181	2229
Proseed	E-362436	NS, CL, DM	70	49	13	26.8	40.3	1919	--	--
Proseed	E-71 CL	NS, CL, DM	74	45	14	22.6	35.3	1585	--	--
Proseed	E-72	NS	76	52	13	24.1	41.8	1881	--	--
Proseed	E-73 CL	NS, CL, DM	74	41	14	22.3	37.9	1763	--	--
Thunder Seed	11N94	NS, CL, DM	74	44	9	26.2	40.3	1817	--	--
Thunder Seed	12N92	NS, CL, DM	69	42	5	25.2	40.5	2010	--	--
Thunder Seed	35H92	HO, CL, DM	70	44	14	25.7	41.0	1823	--	--
Thunder Seed	42H94	HO, CL, DM	76	48	15	25.3	42.5	2343	--	--
USDA (CK)	Honeycomb NS	NS	62	41	4	25.7	36.6	791	1154	1368
USDA (CK)	894	TR	71	46	9	24.9	38.8	1897	2083	2394
Croplan (CK)	450 E HO	HO, EX, DM	72	41	11	24.7	38.9	1996	--	--
Croplan (CK)	559CL	NS, CL, DM	73	47	23	25.4	40.5	2162	2261	--
Mycogen (CK)	8N270CLDM	NS, CL, DM	64	40	25	25.9	40.5	1659	1908	2103
Trial Mean			72	44	16	25.1	39.6	1900	2188	2410
C.V. %			5.3	9.4	9.7	3.1	4.1	20.6	--	--
LSD 5%			2.3	5.8	13.6	1.1	2.3	547	--	--
LSD 10%			1.9	4.8	11.3	0.9	1.9	458	--	--

* Type: TR-Traditonal, NS-NuSun, HO-High Oleic, CL=Clearfield, EX=ExpressSun, DM=Downy Mildew Resistant

** Days after planting.

Planting Date: May 31

Harvest Date: October 27

Previous Crop: Wheat