

NDSU Hettinger Research Extension Center

Oil Type Sunflower - 2015

Hettinger, ND

Company/Brand	Hybrid	Oil Type & Traits	Days to Bloom	Plant Height	Lodging	Test Weight	Oil Content	Grain Yield		
								2015	2-Year	3-Year
		*	**	inches	%	lbs/bu	%	-----lbs/ac-----		
AgVenture - Scherr Seed	AF3H681ES	HO, EX, DM	105	62	10	25.7	34.5	2280	1567	--
AgVenture - Scherr Seed	AF3N692ES	NS, EX, DM	106	61	8	26.0	35.9	3329	1962	--
Prosun - Scherr Seed	3N94DM	NS, CL, DM	104	62	14	28.4	37.6	3195	--	--
Prosun - Scherr Seed	4H95DM	HO, CL, DM	106	65	3	27.4	39.4	3757	--	--
Croplan	432 E	NS, EX, DM	102	57	13	23.5	32.8	1916	1453	1628
Croplan	458 E HO	HO, EX, DM	104	60	2	23.8	35.6	2517	--	--
Croplan	545 CL	NS, CL, DM	106	59	3	25.6	36.4	3082	2309	--
Croplan	549 CL HO	HO, CL, DM	101	67	3	26.5	36.5	2896	--	--
Croplan	553 CL HO	HO, CL, DM	107	62	1	26.0	36.4	3413	--	--
Genosys	12G04	HO	106	54	5	24.4	36.6	2648	--	--
Genosys	12G20	HO, CL	104	59	8	27.3	37.1	3247	2479	2370
Genosys	12G25	HO, CL	104	58	1	27.0	38.5	3757	2629	--
Genosys	12G28	HO	106	60	0	27.3	36.3	3394	--	--
Mycogen Seeds	8D310CL	TR, CL	104	65	1	22.5	32.2	2885	2157	1983
Mycogen Seeds	8H456CL	HO, CL, DM	106	62	0	26.3	42.0	4134	--	--
Mycogen Seeds	8H449CLDM	HO, CL, DM	105	58	2	28.7	41.3	3407	2470	2289
Nuseed	Badger DMR	NS, CL, DM	102	59	6	22.5	30.4	2352	1727	--
Nuseed	Camaro II	NS, CL, DM	104	62	5	26.9	36.9	3103	2204	2152
Nuseed	Cobalt II	HO, CL, DM	101	60	0	26.7	36.5	2577	1735	1694
Nuseed	Daytona	HO, CL	105	55	0	24.7	34.9	2996	--	--
Nuseed	Falcon	NS, EX	104	49	1	28.0	37.1	2995	2109	2203
Nuseed	Hornet	HO, CL, DM	106	61	2	26.8	37.5	3687	2699	--
Nuseed	NHK12M054	HO, CL, DM	102	57	5	26.3	36.7	2392	--	--
Nuseed	NHK12M055	HO, CL, DM	102	55	2	25.7	36.1	2117	--	--
Nuseed	NSK12M507	NS, CL, DM	101	56	5	21.5	34.1	1508	--	--
Nuseed	Talon	NS, EX	102	56	4	24.7	36.6	2893	1966	--
NuTech	68H7	HO, EX	106	65	11	26.0	34.6	2666	--	--
NuTech	69M2	NS, EX	106	61	6	25.7	35.4	3219	--	--
Proseed	E-85 CL	HO, CL	103	65	4	25.2	35.7	2939	2025	1899
Proseed	E-31 CL	HO, CL	106	65	15	24.4	32.5	2111	1568	1681
Proseed	E-21 CL	HO, CL	104	67	0	24.6	33.5	2040	1347	1446
Proseed	E-362436	HO	104	67	1	27.3	36.5	2578	1847	1880
Proseed	E-31051 CL	HO, CL	104	67	4	24.8	33.4	1765	--	--
Proseed	E-1041 CL	HO, CL	104	63	23	25.4	34.0	2039	--	--

Table continues on next page.

NDSU Hettinger Research Extension Center

Oil Type Sunflower - 2015

Hettinger, ND

Company/Brand	Hybrid	Oil Type & Traits	Days to Bloom	Plant Height	Lodging	Test Weight	Oil Content	Grain Yield		
								2015	2-Year	3-Year
Table continues from previous page.										
Proseed	E-53051 CL	HO, CL	102	66	2	24.1	32.8	2076	--	--
Proseed	E-79051 CL	HO, CL	106	66	18	23.5	32.5	2211	--	--
Syngenta	3495 NS/CL/DM	NS, CL, DM	105	60	2	28.4	37.3	2635	2015	--
Syngenta	3845 HO	HO	105	57	5	28.3	41.2	3165	--	--
Syngenta	7111 HO/CL/DM	HO, CL, DM	99	54	1	24.9	31.7	1739	1351	1380
Syngenta	SY7717	HO, CL	101	57	0	27.3	36.1	2797	2327	2187
Thunder Seed	11N94	NS, CL, DM	105	62	9	28.3	36.0	2883	--	--
Thunder Seed	35H92	HO, CL, DM	102	54	0	26.7	36.5	2613	--	--
Thunder Seed	42H94	HO, CL, DM	106	61	5	27.1	37.2	3778	--	--
AAFC/USDA (Check)	Honeycomb NS	NS	97	52	4	24.0	34.2	1432	--	--
USDA (Check)	894	TR	103	59	5	26.3	36.7	2829	1961	--
Mycogen Seeds (Check)	8N270CLDM	NS, CL, DM	101	53	3	25.5	36.5	2246	--	--
Trial Mean			104	60	5	25.8	35.9	2744	--	--
C.V. %			1.0	6.6	92.0	4.3	3.4	11.4	--	--
LSD 5%			1.6	5.6	7.0	1.6	1.7	510	--	--
LSD 10%			1.3	4.7	5.9	1.3	1.4	427	--	--

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

** Days after planting.

Planting Date: May 19

Harvest Date: October 20

Previous Crop: Wheat