

NDSU Hettinger Research Extension Center

Oil Type Sunflower - 2019

Hettinger, ND

Company/Brand	Hybrid	Oil Type & Traits ¹	Days to Bloom ²	Plant Height inches	Lodging %	Test Weight lbs/bu	Oil Content %	Grain Yield		
								2019	2-Year	3-Year
								-----lbs/ac-----		
CROPLAN	CP3845	HO, DM	68	63	0	26.5	41.2	2530	--	--
CROPLAN	CP432E	NS, EX, DM	65	66	0	27.2	31.6	1658	2540	2635
CROPLAN	CP450E	HO, EX, DM	69	67	0	23.9	33.1	1824	--	--
CROPLAN	CP455E	HO, EX, DM	68	70	0	24.9	35.7	1959	2837	2705
CROPLAN	CP4909E	NS, EX, DM	68	63	0	26.1	34.6	1899	--	--
CROPLAN	CP545CL	NS, CL, DM	69	67	0	24.8	35.9	2420	--	--
CROPLAN	CPX57919CLP	NS, CLP, DM	70	72	0	25.4	35.6	2499	--	--
CROPLAN	CPX59619CLP	NS, CLP, DM	71	70	0	24.7	37.2	1590	--	--
Dyna-Gro	H42HO18CL	HO, CL	65	63	0	25.9	39.0	1885	--	--
Dyna-Gro	H44HO12CL	HO, CL	65	65	0	25.6	41.5	2140	--	--
Dyna-Gro	H45HO10EX	HO, EX	68	67	0	23.4	37.8	2027	--	--
Dyna-Gro	H45NS16CL	NS, CL	65	61	0	26.5	38.8	2485	--	--
Dyna-Gro	H48HO15CL	HO, CL	71	69	0	23.5	42.4	2275	--	--
Dyna-Gro	H49HO19CL	HO, CL	69	68	0	24.7	38.9	2567	--	--
Dyna-Gro	H49NS14CL	NS, CL	69	63	0	24.9	35.3	2311	--	--
Dyna-Gro	XH81H52CP	HO, CP	70	68	0	24.2	39.5	2210	--	--
Dyna-Gro	XH91H54CL	HO, CL	67	76	0	25.3	35.5	2206	--	--
Dyna-Gro	XH91H55CL	HO, CL	72	69	0	24.3	38.4	2534	--	--
Dyna-Gro	XH93H75CL	HO, CL	69	67	0	24.2	34.0	2109	--	--
Dyna-Gro	XH93H76CL	HO, CL	68	68	0	25.5	35.8	1698	--	--
Dyna-Gro	XH93H77CL	HO, CL	68	70	0	23.5	31.4	1679	--	--
Dyna-Gro	XH93H78CL	HO, CL	66	64	0	24.9	36.1	1943	--	--
Dyna-Gro	XH93H79CL	HO, CL	71	69	0	24.1	38.4	2675	--	--
FBN	F2FS1	NS,	70	68	0	23.8	38.1	1873	--	--
FBN	F2FS2	NS, EX	70	77	0	23.2	34.2	1949	--	--
FBN	F2FS3	HO,	70	71	0	24.1	33.1	1622	--	--
FBN	F2FS4	NS, EX	73	77	0	22.2	32.2	1526	--	--
Mycogen	MY8H270CL	HO, CL, DM	64	63	0	27.2	37.8	2084	--	--
Mycogen	MY8H400E	NS, EX	69	73	0	25.7	35.5	1697	--	--
Mycogen	MY8H460CP	HO, CP	71	72	0	24.0	40.5	1638	2442	--
Mycogen	MY8H477CL	HO, CL	73	74	0	23.0	37.2	2026	--	--
Mycogen	MY8M131CL	NS, EX	60	58	0	25.4	37.2	1251	--	--
Mycogen	MY8M380E	NS, EX	68	68	0	24.7	33.7	1403	--	--
Nuseed	Camaro II	NS, CL, DMR	67	68	0	26.0	35.9	2591	2748	2573
Nuseed	Falcon	NS, EX	68	67	0	25.7	36.1	2053	2534	2515
Nuseed	Hornet	HO, CL, DMR	71	70	0	24.1	37.1	2372	2895	2857
Nuseed	N4H302 E	HO, EX	68	61	0	23.3	35.6	2022	2281	--
Nuseed	N4H470 CL Plus	HO, CLP, DMR	70	72	0	24.1	39.5	2212	2889	2997
Nuseed	N4H521 CL	HO, CL, DMR	71	66	0	24.8	37.6	2474	2917	--
Nuseed	N4HM354	NS, CL, DMR	66	68	0	25.9	37.5	1909	2339	2406
Proseed	E-21 CL	NS, CL, DM	69	74	0	22.6	29.0	1081	1593	1767
Proseed	E-31 CL	NS, CL, DM	68	74	0	24.3	30.5	1226	1889	2136
Proseed	E-362436	NS, DM	67	77	0	27.4	34.6	1276	1957	2171
Proseed	E-91 E	NS, EX, DM	68	70	0	23.8	30.2	1292	--	--
Proseed	E-92 E	NS, EX, DM	72	78	0	22.2	32.7	1482	--	--

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								2019	2-Year	3-Year
<i>Table continues from previous page</i>										
SunOpta	4415 HO/CLP/DM	HO, CL	68	69	0	25.3	36.3	2454	2722	--
SunOpta	4425CL	NS, CL	68	72	0	24.4	32.6	1979	2493	--
SunOpta	9583CLP	Conv, CL	71	78	0	18.7	21.6	1591	--	--
SunOpta	EXOIL725CL	NS, CL	68	76	0	22.7	36.8	2257	--	--
Mycogen(Check)	8N270CLDM	NS, CL, DM	64	64	0	27.0	37.1	1949	2105	2008
USDA (Check)	894	TR	67	69	0	26.2	35.0	1622	2215	2307
Croplan(Check)	559 CL	NS, CL, DM	68	74	0	26.0	39.7	2500	--	--
Trial Mean			69	69	0	24.6	35.8	1959	2435	2423
C.V. %			1.2	6.4	--	3.9	4.8	13.9	--	--
LSD 5%			1.2	6.2	NS	1.3	2.4	380	--	--
LSD 10%			1.0	5.2	NS	1.1	2.0	318	--	--

¹ Type: TR-Traditonal, NS-NuSun, HO-High Oleic, CL=Clearfield, CLP=Clearfield Plus, EX=ExpressSun, DM=Downy Mildew Resistant

² Days after planting.

Planting Date: June 7

Harvest Date: November 21