

NDSU Hettinger Research Extension Center

Oil Type Sunflower - 2020	Hettinger, ND
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Company/Brand	Hybrid	Oil Type & Traits ¹	Days to Bloom ²	Plant Height inches	Test Weight lbs/bu	Oil Content %	Grain Yield		
							2020	2-Year	3-Year
							-----lbs/ac-----		
CROPLAN	CP3845	HO	68	62	31.1	43.4	1347	1939	--
CROPLAN	CP432E	NS, EX	65	63	29.4	37.8	1717	1688	2265
CROPLAN	CP450E	HO, EX	69	66	30.3	39.3	2075	1950	--
CROPLAN	CP455E	HO, EX	68	67	31.1	42.0	2220	2090	2631
CROPLAN	CP4909E	NS, EX	69	62	31.1	39.9	2000	1950	--
Dairyland Seed	D643HO	HO, EX	68	69	30.5	42.9	1903	--	--
Dairyland Seed	D683MO	NS, EX	68	67	30.9	42.5	1998	--	--
Dairyland Seed	D684HO	HO, EX	70	73	30.6	41.9	1997	--	--
Dairyland Seed	D690MO	NS, EX	71	78	28.9	42.9	1762	--	--
Dyna-Gro	H42HO18CL	HO, CL	68	64	31.3	41.0	1725	1805	--
Dyna-Gro	H44HO12CL	HO, CL	65	66	31.2	44.1	2008	2074	--
Dyna-Gro	H45HO10EX	HO, EX	68	65	28.6	39.5	1681	1854	--
Dyna-Gro	H45NS16CL	NS, CL	67	66	31.4	42.2	1967	2226	--
Dyna-Gro	H48HO15CL	HO, CL	71	68	29.5	45.1	1640	1958	--
Dyna-Gro	H49HO19CL	HO, CL	71	70	31.6	42.9	2005	2286	--
Dyna-Gro	H49NS14CL	NS, CL	70	65	31.6	41.5	1732	2022	--
Dyna-Gro	XH00H57	NS	70	72	31.1	43.5	1833	--	--
Dyna-Gro	XH81H52CP	HO, CLP	71	69	32.5	43.9	1817	2014	--
Dyna-Gro	XH82H63EX	HO, EX	69	76	31.0	41.8	1784	--	--
Dyna-Gro	XH82H65EX	HO, EX	66	70	31.3	42.7	1779	--	--
Dyna-Gro	XH91H54CL	HO, CL	69	75	30.9	42.2	1921	2064	--
Dyna-Gro	XH93H79CL	HO, CL	72	73	30.2	41.6	1673	2174	--
Legend Seeds	Kaledonia	HO, CL	69	74	29.7	35.8	2149	--	--
Nuseed	Camaro II	NS, CL	69	70	32.9	41.4	2006	2299	2501
Nuseed	Falcon	NS, EX	69	64	31.2	41.3	1982	2018	2350
Nuseed	Hornet	HO, CL	72	67	30.3	41.1	1699	2036	2496
Nuseed	N4H302 E	HO, EX	68	61	29.6	40.7	1819	1921	2127
Nuseed	N4H422 CL	HO, CL	69	75	31.1	41.1	1768	--	--
Nuseed	N4H470 CL Plus	HO, CLP	71	72	33.0	44.8	1820	2016	2533
Nuseed	N4H521 CL	HO, CL	70	62	30.6	43.1	2313	2394	2715
Nuseed	N4HM354	NS, CL	67	66	32.0	43.5	1684	1797	2121
Proseed	12G25 CL	HO, CL	67	62	32.6	44.8	2146	--	--
Proseed	E-50016	HO, CL	70	66	29.6	41.3	1878	--	--
Proseed	E-91 E	HO, EX	70	77	30.8	40.9	1723	--	--
Proseed	E-93 E	NS, CL	69	70	28.1	38.1	1837	--	--
S&W	SF110	HO, CL	67	71	31.4	41.8	1677	--	--
S&W	SF440	HO, CL	72	72	30.9	42.1	1947	--	--
SunOpta	4415 HO/CLP/DM	HO, CLP	69	72	29.6	39.5	1766	2110	2403
SunOpta	4425CL	NS, CL	69	76	29.0	38.2	1798	1889	2261
SunOpta	44725CL	NS, CL	69	74	28.4	41.6	1868	2063	--
SunOpta	9583CLP	Conf, CLP	71	73	23.9	--	1579	1585	--
SunOpta	EXSS90	Conf	69	77	24.1	--	1343	--	--

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							2020	2-Year	3-Year
<i>Table continues from previous page</i>									
USDA (Check)	894	TR	67	71	31.2	39.7	1315	1469	1915
USDA (Check)	Honeycomb	NS	61	66	31.5	43.6	788	--	--
Croplan (Check)	559 CL	NS, CL	69	74	29.8	37.8	1537	2019	--
Mycogen (Check)	8N270CLDM	NS, CL	64	62	32.1	43.0	1591	1770	1933
Trial Mean			69	69	30.4	41.1	1803	1982	2327
C.V. %			1.4	6.3	3.6	2.9	10.3	--	--
LSD 5%			1.4	6.1	1.3	1.7	259	--	--
LSD 10%			1.1	5.1	1.1	1.4	217	--	--

¹ Type: TR-Traditonal, NS-NuSun, HO-High Oleic, CL=Clearfield, CLP=Clearfield Plus, EX=ExpressSun
Conf=Confectionary.

² Days after planting.

Planting Date: May 18

Harvest Date: October 18

Previous Crop: Spring Wheat