

NDSU Hettinger Research Extension Center

Oil Type Sunflower - 2022	Hettinger, ND
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Company/Brand	Hybrid	Oil Type & Traits ¹	Days to Bloom	Plant Height inches	Test Weight lbs/bu	Oil Content %	Grain Yield		
							2022	2-Year	3-Year
							-----lbs/ac-----		
CROPLAN	CP3845	HO	68	65	30.7	44.1	2899	3190	2576
CROPLAN	CP432E	NS, EX	65	66	30.2	38.3	2540	2074	1955
CROPLAN	CP450E	HO, EX	70	71	29.4	39.8	2869	3067	2737
CROPLAN	CP455E	HO, EX	68	66	30.4	43.4	3175	3366	2984
CROPLAN	CP4909E	NS, EX	69	61	31.8	42.8	2585	2775	2517
Dyna-Gro	H42HO18CL	HO, CL	67	64	28.8	43.2	2073	2384	2165
Dyna-Gro	H44HO12CL	HO, CL	70	75	30.8	44.5	2755	2668	2448
Dyna-Gro	H45HO10EX	HO, EX	68	69	27.8	44.2	2437	2673	2343
Dyna-Gro	H45NS16CL	NS, CL	66	67	31.2	43.7	2677	2715	2466
Dyna-Gro	H47HO11EX	HO, EX	69	79	31.5	42.8	2744	2879	--
Dyna-Gro	H49HO19CL	HO, CL	71	73	29.0	40.4	3061	3277	2853
Dyna-Gro	H49NS14CL	NS, CL	70	64	30.2	43.2	2717	3097	2642
Dyna-Gro	XH22H66EX	HO, EX	67	71	30.7	42.2	3116	--	--
Dyna-Gro	XH82H65EX	HO, EX	67	74	29.4	43.1	2266	--	--
Nuseed	Falcon	NS, EX	69	64	31.3	44.4	2450	2717	2472
Nuseed	N4H302 E	HO, EX	67	67	27.5	42.5	2431	2737	2431
Nuseed	N4H422 CL	HO, CL	68	77	30.0	42.0	2699	3084	2645
Nuseed	N4H470 CLP	HO, CP	71	72	31.3	44.8	3008	3430	2894
Nuseed	N4H521 CL	HO, CL	70	70	28.5	45.2	3019	3192	2899
Nuseed	NHKE04490		72	73	30.5	44.1	2615	--	--
Proseed	12G25 CL	HO, CL	68	65	32.4	42.8	2585	2902	2650
Proseed	E-50016 CL	HO, CL	69	66	28.1	42.3	2413	2833	2515
Proseed	E-91 E	HO, EX	70	75	30.1	39.4	2847	2852	2476
Proseed	EXP 2300CLP	HO, CP	69	77	29.1	41.9	2345	--	--
Proseed	EXP 2346-E	HO, EX	72	75	28.3	42.6	2475	--	--
RAGT	AC2101	HO, CP	68	72	27.1	39.6	2159	2726	--
RAGT	AC2201	HO, CL	70	73	30.5	41.5	2445	--	--
Sunrich	4415	HO, CP	68	75	28.1	40.5	2581	2766	2433
Sunrich	4425 CL	MO, CL	68	74	29.0	36.9	2808	3322	2814
Sunrich	GP25 CL	MO, CL	68	74	27.9	38.4	2913	3224	2772
USDA	894	TR	68	69	29.5	43.7	2239	2538	2131
CROPLAN	559CL	NS, CL	69	75	30.4	42.6	3271	3368	2508
AAFC/USDA	Honeycomb NS	NS	62	61	26.9	36.5	1443	1107	1250
Mycogen Seeds	8N270CLDM	NS, CL	64	62	31.4	42.9	2245	2049	1896
Trial Mean			69	70	29.6	41.9	2588	2841	2480
C.V. %			1.0	5.1	2.7	2.6	9.4	--	--
LSD 5%			0.8	4.1	0.9	1.3	330	--	--
LSD 10%			0.6	3.2	0.7	1.0	256	--	--

¹ Type: TR-Traditonal, NS-NuSun, MO-Mid Oleic, HO-High Oleic, CL=Clearfield, CP=Clearfield Plus, EX=ExpressSun.

² Days after planting.

Planting Date: June 1

Harvest Date: October 21

Previous Crop: Wheat