

**NDSU Hettinger Research Extension Center**

**Oil Type Sunflower - 2024** **Hettinger, ND**

Company/Brand	Hybrid	Oil Type & Traits <sup>1</sup>	Days to Bloom	Plant Height inches	Test Weight lbs/bu	Oil Content %	Grain Yield		
							2024	2-Year	3-Year
							-----lbs/ac-----		
CROPLAN	CP4255E	HO EX	65	48	30.1	41.1	1508	--	--
CROPLAN	CP4475E	HO EX	65	55	30.1	44.3	1710	--	--
CROPLAN	CP455E	HO EX	67	48	29.3	40.0	1492	2334	2741
CROPLAN	CP5249CL	HO CL	66	42	29.2	40.4	1512	--	--
Dynagro	H45HO10EX	HO EX	66	48	28.9	39.7	1430	1934	2259
Dynagro	H45NS16CL	NS CL	65	48	30.3	41.6	1543	2110	2325
Dynagro	H47HO11EX	HO EX	68	57	30.5	40.5	1538	2141	2432
Dynagro	H49HO19CL	HO CL	71	47	30.2	41.0	1640	2351	2731
Dynagro	H50HO20CP	HO CP	70	49	29.2	43.1	1459	--	--
Dynagro	XH41H56CL	HO CL	55	37	31.7	39.5	1528	--	--
Dynagro	XH41H90EX	HO EX	72	47	30.0	39.8	1311	--	--
Lidea	LS001	MO EX	65	47	28.3	40.3	1379	--	--
Lidea	LS002	HO EX	65	51	29.8	41.6	1565	--	--
Lidea	LS003	HO EX	72	49	28.3	37.9	1340	--	--
Lidea	LS004	HO EX	69	55	27.9	37.1	1353	--	--
Lidea	LS005	HO CP	69	49	29.8	40.4	1640	--	--
Lidea	LS006	HO EX	69	48	29.1	39.6	1257	--	--
Lidea	LS007	HO EX	71	59	30.4	40.1	1431	--	--
Nuseed	N4H205 E	HO EX	69	43	28.6	41.9	1369	--	--
Nuseed	N4H337 E	HO EX	70	45	28.8	40.7	1406	--	--
Nuseed	N4H422 CL	HO CL	68	57	30.9	43.7	1794	2246	2654
Nuseed	N4H462 E	HO EX	70	46	30.7	42.5	1473	--	--
Nuseed	N4H470 CLP	HO CP	69	44	30.3	43.4	1514	2261	2791
Nuseed	N4H490 E	HO EX	72	47	30.2	39.3	1320	--	--
Proseed	2508 CP	HO CP	71	63	29.6	36.9	1243	--	--
Proseed	2534 E	HO EX	71	49	30.7	42.8	1502	--	--
Proseed	2591 CP	HO CP	68	50	30.8	43.8	1666	--	--
Proseed	50068 CL	HO CL	70	52	28.9	40.9	1483	--	--
Proseed	E-2446 E	HO EX	72	53	28.9	38.5	1321	--	--
Proseed	E-93 E	HO EX	72	56	25.6	33.4	830	--	--
RAGT	AC2101	HO CP	66	53	26.8	39.5	1435	1797	2296
RAGT	AC2201	HO CL	68	52	29.2	40.6	1290	1868	--
RAGT	AC2202	HO CL	70	54	29.1	42.0	1374	--	--
Sunrich	4415	HO CP	68	51	29.4	41.2	1320	1951	2284
Sunrich	4425 CL	MO CL	69	53	29.2	37.1	1586	2197	2743
Thunder	TEX2403SF	HO EX	72	50	27.3	39.2	1182	--	--
Thunder	TEX2404SF	HO EX	71	57	29.9	40.3	1664	--	--
USDA (Check)	894	Conv	67	53	29.4	38.4	1358	1798	2145
CROPLAN (Check)	559CL	NS CL	70	51	28.4	41.4	1537	2404	2758
USDA (Check)	Honeycomb	NS	60	47	27.9	40.6	1125	1284	1113
Mycogen (Check)	8N270CLDM	NS CL	62	46	29.9	41.6	1232	1739	1777
Trial Mean			68	50	29.3	40.4	1431	2028	2361
C.V. %			1.3	8.2	4.2	5.2	14.4	--	--
LSD 5%			1.1	4.8	1.4	2.5	243	--	--
LSD 10%			0.8	3.8	1.1	1.9	188	--	--

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

<sup>2</sup> Days after planting.

Planting Date: June 3

Harvest Date: October 11

Previous Crop: Wheat