

**NDSU Carrington Research Extension Center
2022 Variety Trial Data**

Oil Sunflower

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Brand	Hybrid	Trait	Oil Type	Days to Bloom	Days to Maturity	Plant Height	Harvest Moisture	Oil Content	Test Weight	Yield	
										2022*	2-yr. Avg.
				DAP	DAP	in	%	%	lb/bu	lb/a	
CROPLAN	CP3845	Conv	HO	64	117	60	6	43.4	28.8	1938	1448
CROPLAN	CP432E	EX	NS	61	120	59	6	40.2	29.8	2137	1642
CROPLAN	CP450E	EX	HO	65	122	65	6	40.7	28.5	1600	1456
CROPLAN	CP455E	EX	HO	65	121	66	6	41.6	28.8	1751	1453
CROPLAN	CP4909E	EX	NS	66	118	63	7	41.6	29.6	1615	1427
CROPLAN	CP545CL	CL	NS	67	121	59	7	42.1	28.4	2191	--
CROPLAN	CP5045CL	CL	NS	67	120	62	7	42.5	28.7	2219	1736
CROPLAN	CP7919CL	CL	HO	66	122	63	7	42.3	28.3	2609	1903
RAGT Semences	AC2101	CP	HO	66	118	66	6	39.9	27.0	1753	1351
RAGT Semences	AC2201	CL	HO	66	122	68	7	41.1	28.7	1915	--
Pioneer Brand	P63HE920	EX	HO	66	120	62	6	40.5	30.5	1862	--
Pioneer Brand	P64HE101	EX	HO	67	121	66	8	40.1	29.3	2074	1657
Proseed	12G25	CL	HO	64	118	61	7	43.4	28.4	2180	1655
Proseed	50016	CP	HO	67	118	65	6	42.8	28.0	2146	1471
Proseed	E-91	EX	HO	68	115	68	6	41.1	27.8	1881	1403
Dyna-Gro	H42HO18CL	CL	HO	63	119	56	6	41.2	28.8	1432	1132
Dyna-Gro	H49HO19CL	CL	HO	69	121	62	6	42.2	27.0	2438	1700
Dyna-Gro	H50HO20CP	CP	HO	67	122	63	6	43.6	28.7	2265	--
Dyna-Gro	H45HO10EX	EX	HO	63	117	58	6	41.3	27.4	1981	1478
Dyna-Gro	H47HO11EX	EX	HO	66	123	69	7	43.2	31.1	2446	1871
Dyna-Gro	H45NS16CL	CL	NS	62	117	57	6	42.6	28.8	1746	1370
Dyna-Gro	H49NS14CL	CL	NS	68	120	61	8	41.6	28.4	2841	1943
Dyna-Gro	XH81N62EX	EX	NS	68	122	64	7	40.8	29.5	1728	1448
Dyna-Gro	XH21H58CL	CL	HO	66	114	59	6	41.2	26.6	1563	--
Dyna-Gro	XH21H57EX	EX	HO	67	117	61	6	42.3	27.1	1484	--
Dyna-Gro	XH82H65EX	EX	HO	64	117	64	6	41.3	28.5	1479	--
Dyna-Gro	XH22H66EX	EX	HO	64	123	66	7	42.2	30.4	2248	--
Proseed	EXP 2300 CP	CP	HO	66	121	71	7	42.9	28.1	2046	--
Proseed	EXP 2346-E	EX	HO	70	117	68	7	41.1	25.6	1876	--
Nuseed	Falcon	EX	NS	65	119	56	6	42.9	29.1	2404	1757
Nuseed	N4H302 E	EX	HO	63	117	65	6	41.6	26.5	2084	1500
Mean				65.5	119.6	63.4	6.6	41.5	28.5	2026	--
C.V. (%)				2.2	1.9	5.8	11.0	3.3	2.8	13	--
LSD (0.05)				2.1	3.2	5.2	1.0	1.9	1.1	279	--
LSD (0.10)				1.7	2.7	4.3	0.8	1.6	0.9	234	--

Planting Date = June 6; Harvest Date = October 19; Previous Crop = Spring Wheat

Data includes only released varieties. Experimental lines are not included. Statistics reflect the entire trial.

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2022 Variety Trial Data**

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Brand	Hybrid	Trait	Oil Type	Days to	Days to	Plant	Harvest	Oil	Test	----- Yield -----	
				Bloom	Maturity	Height	Moisture	Content	Weight	2022*	2-yr. Avg.
				DAP	DAP	in	%	%	lb/bu	-----	lb/a -----
Nuseed	N4H470 CP	CP	HO	68	121	65	7	44.1	28.3	1629	1281
Nuseed	N4H422 CL	CL	HO	65	121	65	6	41.1	27.8	2434	1812
Nuseed	N4H521 CL	CL	HO	68	123	63	7	42.4	28.2	2532	--
Dairyland Seed	D687HO	EX	HO	64	123	64	7	41.7	29.8	2157	--
Dairyland Seed	D690MO	EX	MO	68	123	69	6	42.8	29.2	2258	--
Dairyland Seed	D670CL	CL	HO	63	120	65	7	42.7	28.9	2405	--
Sunrich	4415 HO/DM/CLP	CP	HO	65	116	64	6	40.7	27.3	1993	1410
Sunrich	4425 CL	CL	MO	65	121	67	7	39.0	28.0	2065	1616
Sunrich	GP25 CL	CL	MO	65	121	65	6	38.9	27.7	2495	--
USDA	Hybrid 894	Conv	Trad	65	118	65	6	40.9	29.0	2250	1489
USDA	559CL	CL	HO	68	119	64	6	41.9	28.5	2299	1684
USDA	8N270CLDM	CL	NS	64	119	60	7	42.6	29.8	1912	--
USDA	Honeycomb NS	Conv	NS	63	117	58	7	38.0	28.9	1645	1238
USDA	Hybrid 924	Conv	Trad	66	119	67	7	36.9	28.0	2198	--
Mean				65.5	119.6	63.4	6.6	41.5	28.5	2026	--
C.V. (%)				2.2	1.9	5.8	11.0	3.3	2.8	13	--
LSD (0.05)				2.1	3.2	5.2	1.0	1.9	1.1	279	--
LSD (0.10)				1.7	2.7	4.3	0.8	1.6	0.9	234	--

Planting Date = June 6; Harvest Date = October 19; Previous Crop = Spring Wheat

*Yield reported as BLUEs (Best Linear Unbias Estimates)