NDSU Langdon Research Extension Center
2026 Variety Trial Data

Oil Sunflower - 2026 **Langdon**

Company/Brand	Hybrid	Type[1]	Days to Flower	Days to Maturity	Plant Height	Test Weight	Oil	Yield 2024	Yield 2026	Yield 2-yr Avg.
					inches	(lb/bu)	%	----------lbs/ac----------		
Croplan	CP4255E	HO,EX,DMR	68	124	23.7	29.9	36.5	2145.9	1715.6	1930.8
Croplan	CP4490E	HO,EX,DMR	77	126	20.9	28.2	37.2	--	2078.2	--
Croplan	CP455E	HO,EX,DMR	71	124	23.1	29.5	36.9	2628.8	2005.8	2317.3
Croplan	CP5249CL	HO,CL,DMR	70	124	20.3	28.4	37.6	2148.1	1619.3	1883.7
Croplan	CP7919CL	HO,CL,DMR	75	127	22.7	28.9	37.7	2345.9	2231.8	2288.8
Dyna-Gro	H42HO56 CL	HO,CL	59	122	20.0	31.4	36.3	--	2109.4	--
Dyna-Gro	H47HO11 EX	HO,EX	76	126	25.4	31.8	37.1	2204.6	1784.1	1994.3
Dyna-Gro	H49HO90 EX	HO,EX,DMR	77	125	24.6	30.2	38.5	--	2426.2	--
Nufarm	N4H205 E	HO,EX,DMR	72	123	20.6	27.6	37.4	2199.1	2205.2	2202.2
Nufarm	N4H337 E	HO,EX,DMR	73	121	22.3	28.8	37.5	--	2486.3	--
Nufarm	N4H422 CL	HO,CL,DMR	71	125	23.4	30.7	37.6	2714.7	2265.3	2490.0
Nufarm	N4H470 CLP	HO,CP,DMR	75	124	22.7	29.6	40.6	2332.5	2114.6	2223.5
Nufarm	N4H490 E	HO,EX,DMR	75	123	23.2	29.2	38.1	2777.1	2319.8	2548.5
Peterson Farms Seed	Crush CLP	HO,CP,DMR	73	124	20.7	29.0	39.6	--	1570.4	--
Peterson Farms Seed	Dawn E	HO,EX,DMR	71	121	19.7	27.5	37.6	--	1810.6	--
Peterson Farms Seed	Star E	HO,EX,DMR	76	125	22.2	30.6	39.4	--	2370.5	--
Peterson Farms Seed	Thrive CL	HO,CL,DMR	72	127	22.8	30.8	38.6	--	2327.6	--
Proseed	2534 E	HO,EX,DMR	76	126	21.2	30.4	39.3	2597.3	2172.7	2385.0
Proseed	2578 E	HO,EX,DMR	73	122	21.9	27.9	38.1	--	2398.1	--
Proseed	E-2446 E	HO,EX,DMR	75	124	24.4	27.7	34.8	2092.6	2462.5	2277.6
Proseed	E-2609 E	HO,EX,DMR	67	122	22.5	29.0	36.2	--	2366.4	--
Seed Ventures LLC	SVS 350CH	HO,CL,DMR	58	123	17.7	32.6	36.4	--	2311.8	--
Seed Ventures LLC	SVS 421EC	Trad.,EX,DMR	66	123	22.5	27.0	35.8	--	1983.6	--
Seed Ventures LLC	SVS 510CC	Trad.,CL,DMR	72	121	24.6	24.7	35.1	--	2016.0	--
Seed Ventures LLC	SVS 560EH	HO,EX,DMR	74	126	23.4	29.2	37.9	--	1968.0	--
Seed Ventures LLC	SVS 610CC	Trad.,CL,DMR	74	121	22.2	25.4	32.6	--	1670.8	--
Seed Ventures LLC	SVS 640EM	MO,EX,DMR	72	125	22.9	25.9	37.8	--	2262.9	--
Thunder Seed	TSU1561H	HO,EX,DMR	73	121	23.0	27.8	37.0	--	2288.4	--
Thunder Seed	TSU1582H	HO,EX,DMR	77	124	21.6	30.4	39.8	--	2250.7	--
Thunder Seed	TSU1722H	HO,EX,DMR	73	123	23.2	28.3	37.5	--	2009.5	--
Check[2]	USDA 894	Trad.	67	119	22.8	28.8	35.3	2072.6	2075.1	2073.8
Trial Mean			71.4	123.3	22.6	28.8	36.3	2235.8	2154.9	
LSD 10%			1.7	1.8	1.2	1.1	1.2	424.0	344.6	
C.V.			2.2	1.4	5.1	3.5	3.2	14.0	15.1	

Planting Date: May 29

Harvest Date: September 10

Previous Crop: Field pea

Soil Type: Svea-Barnes loam

[1]Type: HO = High Oleic, NS = NuSun, MO = Mid Oleic, Trad = Traditional(linoleic), CL = Clearfield, EX= ExpressSun, CP = Clearfield plus, DMR = Downy Mildew Resistant, CON=ConOil

[2]Long-term hybrid check

Days after planting maturity checks: 8N270CLDM=122, 559CL=121