

Table 4. 2017 - Sunflower - Oilseed - Onida, SD

Company/Brand	Hybrid	Hybrid Traits ¹	Oil Content (%)	Harv. Yield ² (lb/A)	Plant Height (In.)
Pioneer	P64ME01	NS,EX,DM	46.7	2264.7	59.3
Pioneer	P63HE90	NS,EX,DM	46.6	2527.8	63.0
NuSeed	Hornet	HO,CL, DM	48.0	2427.9	54.3
NuSeed	N4HM354	NS, CL, DM	46.4	2228.5	48.5
NuSeed	Falcon	NS, EX	45.7	2670.2	55.3
NuSeed	Camaro II	NS, CL, DM	45.6	1982.0	52.5
NuSeed	N5LM307	NS, CL, DM, Conoil	44.0	2407.9	57.0
NuSeed	Badger DMR	NS, CL, DM, Conoil	42.3	2751.7	60.0
NuSeed	Talon	NS, EX	44.1	2040.4	54.3
Mycogen	MY8H456CL	HO, CL, DM	48.6	2297.8	57.0
Mycogen	8H449CLDM	HO, CL, DM	49.1	2539.7	55.5
Mycogen	8D310CLDM	ConOil, CL	44.0	1799.6	57.0
Mycogen	MY8H270CL	HO, CL, DM	47.6	2557.3	55.3
Mycogen	E76437	HO, CL, DM	46.8	2250.9	62.0
ProSeed	E-21 CL	NS, HO, CL	42.9	2189.1	67.3
ProSeed	E-31 CL	NS, HO, CL	45.8	2298.1	55.8
ProSeed	E-362436	NS, HO	46.7	2307.4	69.3
ProSeed	12G25 CL	NS, HO, CL	49.8	2575.5	60.3
ProSeed	E-53051 CL	NS, CL	45.8	2231.1	56.5
ProSeed	E-71 CL	NS, CL	43.8	2158.7	59.0
ProSeed	E-72	NS	47.2	2045.0	67.5
ProSeed	E-73 CL	NS, CL	45.1	2064.6	60.0
DynaGrow	XH71H11CL	HO, CL	46.8	2601.4	43.8
DynaGrow	XH71H27CL	HO, CL	48.5	2782.2	56.8
DynaGrow	XH71N33CL	NS, CL	47.4	2613.6	52.5
DynaGrow	XH71N44CL	NS, CL	46.7	2743.8	53.8
DynaGrow	XH72H22CL	HO, CL	46.1	2222.9	53.8
DynaGrow	XH72H38CL	HO, CL	45.9	1943.0	59.3
DynaGrow	XH72H61CL	HO, CL	47.0	1730.8	43.0
DynaGrow	XH72H47CL	HO, CL	48.7	2479.4	62.5
DynaGrow	XH72N54CP	HO, CP	51.1	2567.0	60.0
DynaGrow	XH73H14CL	HO, CL	45.4	2151.8	56.5
DynaGrow	XH73H32CL	HO, CL	45.9	2071.8	61.3

¹Traits: HO = High Oleic, NS = NuSun, Trad = Traditional (linoleic), CL = Clearfield, EX = ExpressSun, DM = Downy Mildew Resistant, SS=Short Stature, HS = High Stearic.

²Yield is reported at 10% moisture.

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Croplan	3732	NS	47.3	2246.2	51.3
Croplan	3845 HO	HO	46.6	2370.8	49.5
Croplan	545 CL	NS, CL, DMR	44.9	2021.9	54.3
Croplan	549 CL	NS, CL, DMR	45.0	2717.2	61.5
Croplan	568 CL HO	HO, CL, DMR	43.0	2280.0	57.0
Croplan	7717 CL HO	HO, CL, DMR	47.8	2486.8	53.3
Croplan	7919 CL HO	HO, CL, DMR	49.2	2604.7	56.3
Croplan	432 E	NS, EX, DMR	44.9	2140.7	57.3
Croplan	450 E HO	HO, EX, DMR	46.2	2145.8	59.8
Croplan	455 E HO	HO, EX, DMR	43.8	2366.4	60.0
Croplan	458 E HO	HO, EX, DMR	47.1	2628.8	60.8
ThunderSeed	12N92	NS, CL, DM	47.6	2862.9	61.0
ThunderSeed	11N94	NS, CL, DM	45.5	2393.2	59.3
ThunderSeed	35H92	NS, CL, DM	46.5	2305.0	46.5
ThunderSeed	42H94	NS, CL, DM	47.9	2454.1	40.8
AgVenture Pinnacle	AF3N692ES	NS, EX, DM	48.1	2529.5	65.3
AgVenture Pinnacle	XF4N08CD	NS, CL, DM	44.6	2027.1	55.5
AgVenture Pinnacle	AF3H681ES	HO, EX, DM	44.9	2140.6	53.8
AgVenture Pinnacle	AF3N94CD	NS, CL, DM	46.6	1914.3	55.0
AgVenture Pinnacle	AF4H95CD	HO, CL, DM	48.9	2941.1	54.0
AgVenture Pinnacle	XF2N14CD	NS,CL,DM	46.5	2676.2	54.8
Sunopta	4415HO/CLP/DM	HO, CLP, DM	45.2	2590.8	55.3
Sunopta	4421CL	CL, Conoil	49.3	2684.1	58.5
Sunopta	4425CL	CL, Conoil	43.6	2508.5	58.5
USDA	894		45.0	2312.5	54.8
P @ .05			0.01	0.01	0.001
LSD @ .05			4.2	592.2	10.9
CV			5.8	18.0	13.8

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