

2019 Sunflower - Oilseed - Fargo, N.D. - Author, B. Hulke.

Company/ Brand	Hybrid	Days to Flower (DAP) ¹	Days to PM (DAP) ¹	Height (inch)	Lodging (1-9) ²	Test Wt. (lb/bu)	Seed Moisture (%)	Oil Content (%)	2019	
									Seed Yield (lb/a)	Hulling Screen ³
Dyna-Gro	H42HO18CL	67	111	69	2	29.6	10.0	41.7	1,670	--
Dyna-Gro	H44HO12CL	68	112	64	3	27.9	9.5	43.9	1,641	--
Dyna-Gro	H45HO10EX	69	109	69	6	27.2	9.0	41.9	1,486	--
Dyna-Gro	H45NS16CL	66	107	63	2	30.0	9.9	42.1	1,793	--
Dyna-Gro	H48HO15CL	73	115	71	3	28.8	10.3	46.6	2,082	--
Dyna-Gro	H49HO19CL	71	112	70	3	27.8	11.3	42.7	2,310	--
Dyna-Gro	H49NS14CL	70	113	68	3	29.5	11.1	41.8	2,351	--
Farmers Busines:	F2FS1	71	113	73	3	30.5	9.7	41.2	1,777	--
Farmers Busines:	F2FS2	70	113	77	3	28.3	9.8	37.3	1,939	--
Farmers Busines:	F2FS3	70	114	73	2	32.0	8.8	38.1	1,621	--
Farmers Busines:	F2FS4	73	112	78	7	27.1	7.8	40.8	898	--
Nuseed	Badger DMR	66	107	70	6	27.0	8.8	30.8	1,433	exc.
Nuseed	Camaro II	69	110	72	3	29.7	10.9	41.9	2,385	--
Nuseed	Falcon	70	111	68	5	31.6	9.3	41.4	1,712	--
Nuseed	Hornet	72	112	73	4	28.5	10.6	43.0	2,156	--
Nuseed	N4H302 E	69	112	66	7	26.9	9.1	41.7	1,415	--
Nuseed	N4H470 CL Plus	71	111	72	5	27.5	9.7	42.9	1,395	--
Nuseed	N4H521 CL	71	115	69	4	28.8	11.3	44.9	2,409	--
Nuseed	N4HM354	68	108	63	3	30.7	10.2	42.4	1,879	--
Nuseed	N5LM307	66	107	64	2	24.2	10.0	34.4	1,639	exc.
Pioneer Hi-Bred	Pioneer Brand P63HE90	69	111	75	4	27.7	10.7	40.9	1,992	exc.
Pioneer Hi-Bred	Pioneer Brand P64HE101	71	115	75	2	31.1	10.8	40.0	2,394	exc.
Pioneer Hi-Bred	Pioneer Brand P64ME01	71	115	71	2	30.5	11.5	39.4	2,744	exc.
Proseed	E-21 CL	69	113	74	3	27.5	9.4	37.8	1,837	exc.
Proseed	E-31 CL	70	111	72	4	28.9	9.7	38.0	2,005	exc.
Proseed	E-362436	68	112	75	4	30.0	9.8	40.0	1,924	exc.
Proseed	E-50016 CL	70	111	73	4	28.4	9.8	40.4	2,108	exc.
Proseed	E-91 E	70	113	75	7	30.3	7.7	41.3	1,041	exc.
Proseed	E-92 E	72	112	81	7	27.1	7.2	40.6	716	exc.
SunOpta	4415 HO/CLP/DM	70	112	75	4	30.1	10.0	40.7	2,263	--
SunOpta	4425CL	69	111	76	2	28.4	10.4	37.0	2,466	--
SunOpta	EX725	70	112	77	2	25.9	10.9	39.9	2,075	--
Winfield United	CL4909E	70	111	68	6	30.8	9.2	40.1	1,521	exc.
Winfield United	CP3845	71	110	68	5	29.0	8.6	44.4	1,678	exc.
Winfield United	CP432E	67	110	66	2	29.4	10.6	37.2	2,050	exc.
Winfield United	CP450E	68	113	75	3	28.6	9.7	40.0	1,936	exc.
Winfield United	CP455E	69	114	69	3	29.0	10.7	39.5	2,356	exc.
Winfield United	CP545CL	70	113	69	4	30.2	10.9	42.3	2,406	avg.
Winfield United	CPX57919CLP	72	114	76	5	31.7	10.5	41.5	2,151	below avg.
Winfield United	CPX59619CLP	71	112	78	4	31.2	9.6	44.3	1,985	exc.
USDA	Hybrid 894 ⁴	67	105	69	3	29.2	8.9	39.8	1,450	--
Mean		70	112	71	4	29.0	9.8	40.6	1,880	
CV %		1.2	1.4	2.9	27.5	2.3	5.7	2.5	12.5	
LSD 0.05		1	2	3	2	1.1	0.9	1.6	381	
LSD 0.10		1	2	3	1	0.9	0.8	1.4	319	

Planted: May 29. Harvested: Nov. 19.

¹Days after planting. Maturity checks: 8N270CLDM = 108 DAP, Falcon = 111 DAP, 559CL = 112 DAP.

²Description of lodging: 0 = perfectly upright stand; 1-3 = 10-30% root lodging, still easily harvested;

4-6 = 40-60% plants lodged, some severely; 7-8 = most plants lodged severely; 9 = all plants lodged severely.

³Hulling screen test: Exc. = 65% of seed over a 14/64 inch screen; Average = 75% of seed over a 13/64 inch screen

⁴Long-term hybrid check.