

2018 Sunflower - Oilseed - Fargo, N.D. - Author, B. Hulke.¹

Company/ Brand	Hybrid	Days to Flower ² (DAP)	Days to PM ² (DAP)	Height (inch)	Test Wt. (lb/bu)	Seed Moisture (%)	Oil Content (%)	2018 Seed Yield (lb/a)	Hulling Screen Test ³
Allegiant Seed	65H81CL	61	96	51	31.7	6.5	45.5	1,525	--
Allegiant Seed	70H51CL	67	105	54	32.3	8.3	48.3	2,002	--
DuPont Pioneer	P63HE90	63	103	62	32.8	9.2	44.5	2,651	--
DuPont Pioneer	P64HE101	64	106	64	34.1	9.7	42.0	2,806	--
Dyna Gro Seed	H42HO18CL	60	101	60	32.9	7.2	44.3	2,243	--
Dyna Gro Seed	H44HO12CL	60	97	56	32.1	6.2	45.3	1,993	--
Dyna Gro Seed	H48HO15CL	68	107	57	32.1	7.8	48.3	1,875	--
Dyna Gro Seed	H49HO19CL	63	99	58	31.9	8.2	46.6	2,553	--
Dyna Gro Seed	H49NS14CL	64	98	60	32.8	7.6	43.2	2,414	--
Dyna Gro Seed	XH81H50CL	66	94	58	31.6	6.7	44.7	2,320	--
Dyna Gro Seed	XH81H51EX	45	86	43	30.8	4.4	39.3	778	--
Dyna Gro Seed	XH81H52CP	65	103	59	33.2	8.5	47.5	2,341	--
Dyna Gro Seed	XH81H53EX	62	98	62	30.4	6.7	44.8	1,857	--
Dyna Gro Seed	XH81N46EX	62	97	61	30.2	8.3	42.1	2,241	--
Dyna Gro Seed	XH81N48EX	66	102	58	34.2	8.0	44.1	2,310	--
Dyna Gro Seed	XH82H63EX	62	102	62	33.7	8.5	44.6	2,210	--
Dyna Gro Seed	XH82H65EX	61	98	65	31.2	7.0	44.7	2,564	--
Dyna Gro Seed	XH82N62EX	63	104	59	31.0	8.8	44.7	2,622	--
Dyna Gro Seed	XH82N64EX	62	102	67	32.5	7.9	44.2	2,458	--
Limagrain Cereal Seeds	LCSADVX18-001HO	66	98	67	30.8	9.2	45.6	2,769	poor
Limagrain Cereal Seeds	LCSADVX18-002HO	61	93	67	31.4	6.6	45.0	2,493	avg
Limagrain Cereal Seeds	LCSADVX18-003HOCLP	65	96	67	29.4	7.8	43.2	2,620	exc
Limagrain Cereal Seeds	LCSADVX18-004HO	62	97	65	31.6	8.1	45.9	2,254	poor
Limagrain Cereal Seeds	LCSADVX18-005LN	66	100	72	32.5	9.0	45.4	2,551	exc
Limagrain Cereal Seeds	LCSADVX18-006HO	62	98	71	30.2	8.0	43.4	2,355	exc
Limagrain Cereal Seeds	LCSADVX18-007LN	61	95	67	29.5	7.1	43.4	2,266	exc
Limagrain Cereal Seeds	LCSADVX18-008HOCL	62	92	64	30.7	6.5	42.9	2,060	avg
Limagrain Cereal Seeds	LCSADVX18-009LN	60	96	67	32.6	8.6	43.7	2,947	exc
Limagrain Cereal Seeds	LCSADVX18-010LNCLP	67	102	65	34.3	8.3	44.0	2,491	avg
Limagrain Cereal Seeds	LCSADVX18-011LN	60	97	70	32.2	8.5	45.0	2,717	exc
Limagrain Cereal Seeds	LCSADVX18-012LNCLP	63	99	64	29.7	6.2	42.4	2,266	exc
Limagrain Cereal Seeds	LCSADVX18-013LN	61	93	67	33.6	7.9	43.2	2,586	poor
Mycogen Seeds	8H449CLDM	66	104	59	34.5	9.1	47.8	2,718	--
Mycogen Seeds	MY8H307CL	62	98	58	32.0	6.8	45.7	1,943	--
Mycogen Seeds	MY8H456CL	68	106	58	31.8	8.0	48.4	2,014	--
Mycogen Seeds	MY8H460CP	67	108	66	32.9	9.6	47.9	2,271	--
Mycogen Seeds	MY8H477CL	69	106	67	32.4	9.6	46.1	2,510	--
Nuseed Americas	Badger DMR	60	97	64	29.9	7.6	36.5	2,104	--
Nuseed Americas	Camaro II	61	100	65	33.4	8.3	46.6	2,532	--
Nuseed Americas	Falcon	64	99	61	34.5	6.6	44.5	2,192	--
Nuseed Americas	Hornet	64	100	63	31.8	8.8	46.7	2,879	--
Nuseed Americas	N4H302 E	62	101	64	30.0	6.1	45.3	2,095	--
Nuseed Americas	N4HM354	60	92	54	31.9	6.1	43.6	2,130	--
Nuseed Americas	N4H521 CL	65	104	62	32.1	10.2	45.5	2,961	--
Nuseed Americas	N4H470 CL Plus	65	102	67	32.9	8.0	47.5	2,495	--
Nuseed Americas	N5LM307	59	91	62	28.9	8.2	38.4	2,467	--
Proseed	E- 362436	61	96	70	32.0	8.1	44.3	2,258	--
Proseed	E-21 CL	62	100	71	32.1	7.6	41.1	2,088	--
Proseed	E-31 CL	63	98	65	31.9	8.2	40.3	3,000	--

Proseed	E-50016 CL	64	100	58	31.7	7.0	43.7	2,124	exc
Proseed	E-71 CL	65	97	60	30.0	7.2	40.4	2,316	--
Proseed	E-72	64	99	64	31.0	7.2	45.3	2,108	--
Proseed	E-73 CL	66	97	68	29.5	7.9	41.0	2,580	--
SunOpta	4415 HO/DM/CLP	63	101	66	31.9	8.3	44.1	2,238	--
SunOpta	4425CL	63	98	67	29.8	8.6	39.8	2,506	--
SunOpta	EX721	63	101	73	28.1	8.6	41.5	2,890	--
SunOpta	EX72468	67	104	68	30.3	10.0	44.6	2,995	--
SunOpta	EX725	53	88	48	22.3	4.5	41.9	1,437	--
WinField United	3845 HO	64	98	57	33.0	7.2	47.3	2,455	--
WinField United	432 E	59	92	62	32.4	7.9	41.7	2,979	--
WinField United	450 E HO	62	104	63	31.2	8.7	43.2	2,965	--
WinField United	455 E HO	62	102	61	31.8	8.0	45.0	2,338	--
WinField United	545 CL	65	102	60	33.2	8.4	45.3	2,446	--
WinField United	549 CL	61	95	65	32.0	7.9	42.9	2,979	--
WinField United	557 CL HO	66	97	61	32.1	6.7	44.7	2,258	--
WinField United	568 CL HO	65	105	55	33.4	9.8	43.7	2,280	--
USDA	Honeycomb NS	57	89	60	29.3	6.0	42.3	1,869	--
USDA	Hybrid 894	62	96	62	32.3	5.5	42.9	1,778	--
Mean		63	99	62	31.6	7.8	44.1	2,358	--
CV %		1.4	2.6	7.6	6.9	13.1	2.5	16.0	--
LSD 0.05		1	4	8	3.5	1.7	1.8	607	--
LSD 0.10		1	4	6	3.0	1.4	1.5	509	--

Planted: May 25. Harvested: Oct. 24.

¹No significant lodging or disease incidence occurred in this trial.

²Days after planting. Maturity checks: Honeycomb NS = 89 DAP, 8N270CLDM = 90 DAP, Falcon = 99 DAP, 559CL = 103 DAP.

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

⁴Long-term hybrid check.