

2019 Sunflower - Non-oilseed - Fargo, N.D. - Author, B. Hulke.

Company/ Brand	Hybrid	Days	Days	Height	Lodging	Test Wt.	Seed Moisture	2019 Seed Yield	Seed over screen			Seed size		Nut- meat
		to Flower	to PM						(DAP) ¹	(DAP) ¹	(inch)	(1-9) ²	(lb/bu)	
CHS	17VTL0067_EX	69	111	72	3	22.0	9.7	1,959	85	90	93	21	10	45.2
CHS	17VTL0084_EX	69	112	68	3	20.9	9.3	2,046	86	94	97	21	8	46.3
CHS	17VTL0188_IMI	73	111	74	3	22.3	10.4	2,179	79	90	94	18	9	55.1
CHS	19EXP_1	75	115	72	2	22.5	9.8	2,159	89	92	94	19	10	50.2
Nuseed	4334	73	114	74	4	21.3	9.6	1,923	86	93	96	19	9	47.6
Nuseed	Jaguar_II	69	107	73	3	21.2	8.9	1,734	86	93	96	17	9	49.0
Nuseed	NSKM53777	67	107	61	2	21.9	9.1	2,123	82	93	96	18	9	49.3
Red_River_Commo	2215	70	111	76	3	23.0	9.5	2,110	69	82	88	17	8	47.7
Red_River_Commo	2215_CL	75	114	81	3	21.9	9.9	2,135	77	89	93	18	9	49.3
Red_River_Commo	2310	72	112	77	4	22.2	9.3	1,682	80	86	88	19	10	50.7
Red_River_Commo	2414	76	114	86	4	19.1	9.7	1,454	88	91	93	19	11	43.8
SunOpta	9583CLP	69	111	71	2	22.1	8.8	2,015	88	93	96	19	9	47.0
Valia_Genetics	Valia_41	75	112	76	4	21.6	8.3	1,356	80	91	93	18	8	45.9
Valia_Genetics	Valia_H9811EXP	74	112	76	4	22.3	8.3	1,560	69	83	91	16	9	47.2
Valia_Genetics	Valia_H9814EXP	74	112	76	5	19.8	8.1	1,362	80	87	90	18	10	44.2
USDA	Hybrid_924 ³	69	103	76	5	23.0	8.0	1,261	59	77	86	15	9	51.3
Mean		72	111	74	3	21.8	9.2	1,816	80	89	93	18	9	48.1
CV %		1.8	1.3	3.3	21.4	4.0	6.6	16.8						
LSD 0.05		2	2	4	1	1.7	1.0	508						
LSD 0.10		2	2	3	1	1.4	0.8	422						

Planted: May 29. Harvested: Nov. 16.

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.

³Long-term hybrid check.