

Table 6. 2023 Sunflower - Oilseed - Fargo - Authors, B. Hulke, B. Koehler, and Z. Tarble

Company/ Brand	Hybrid	Days to Flower	Days to PM	Height	Test Wt.	Seed Moisture	Oil Content	Seed Yield	Hulling Screen ¹
		(DAP) ²	(DAP) ²	(inch)	(lb/bu)	(%)	(%)	(lb/a)	
Argensun	D2201	65	114	82	28.8	7.9	38.7	3,131	Exc
Argensun	D2301	65	112	86	31.2	9.5	35.3	3,674	Average
Argensun	Valia V22	68	112	93	30.1	9.5	38.3	3,503	Exc
CROPLAN	ARMOR 4157E	62	111	84	32.9	9.4	42.4	3,750	
CROPLAN	ARMOR 450E	62	112	74	33.8	8.1	42.6	3,406	
CROPLAN	CP4255E	62	114	83	34.9	9.9	42.7	3,905	
CROPLAN	CP455E	64	111	76	34.3	8.7	43.8	3,380	
CROPLAN	CP5045CL	65	110	78	35.4	10.2	43.6	3,278	
CROPLAN	CP5249CL	62	107	72	31.7	6.9	47.6	2,846	
CROPLAN	CP7919CL	65	114	73	33.0	11.5	45.2	3,693	
CROPLAN	CPX4475E	61	109	75	33.9	7.6	44.6	3,922	
DYNAGRO	H42HO18CL	62	110	75	34.8	8.0	44.5	2,563	
DYNAGRO	H45HO10EX	62	106	76	30.5	7.0	44.1	2,694	
DYNAGRO	H45NS16CL	61	108	77	35.9	8.0	46.1	3,430	
DYNAGRO	H47HO11EX	64	114	83	35.9	9.3	42.2	3,356	
DYNAGRO	H49HO19CL	65	109	75	33.6	9.5	45.4	3,998	
DYNAGRO	H50HO20CP	65	108	76	34.0	8.4	46.0	2,960	
Nuseed	Badger DMR	62	108	76	33.1	7.8	35.0	3,783	Exc
Nuseed	N4H202 E	65	107	77	32.2	7.3	46.2	3,128	
Nuseed	N4H302 E	63	107	77	30.4	7.0	44.2	2,540	
Nuseed	N4H422 CL	63	111	86	34.8	8.9	44.4	3,790	
Nuseed	N4H470 CLP	65	112	78	33.9	8.3	47.4	3,369	
Nuseed	N4H490 E	65	109	81	34.3	9.1	45.2	3,660	
Nuseed	N4H521 CL	66	114	77	32.5	9.2	44.9	3,222	
Nuseed	N4L215 E	65	107	76	32.2	7.3	45.8	2,548	
Nuseed	N5H493 CL	64	104	80	31.0	8.0	34.6	3,557	Exc
Pioneer Hi-Bred Int. Inc	P63HE920	63	114	80	36.6	9.9	42.0	3,745	
Pioneer Hi-Bred Int. Inc	P64HE101	65	114	80	35.2	9.8	42.4	3,687	
Proseed	50068 CL	63	109	88	34.8	9.0	43.3	3,819	Poor
Proseed	50502 CL	66	109	73	30.4	7.1	48.8	2,667	Poor
Proseed	E-91E	65	110	87	33.3	7.8	42.3	2,776	
Proseed	E-93 E	63	107	88	31.0	8.0	41.0	3,271	
Proseed	E-94 CP	63	110	88	33.8	8.0	43.0	3,226	Poor
Proseed	EXP 109LE	63	107	83	32.8	7.8	43.9	3,462	Poor
Proseed	EXP 2346 E	67	108	81	32.7	9.3	43.6	3,827	Poor
RAGT Semences	AC2101	64	108	84	32.6	7.4	41.6	3,104	
RAGT Semences	AC2201	64	112	86	35.9	9.8	43.2	2,871	
RAGT Semences	AC2202	64	115	83	35.4	7.9	44.0	3,001	
Sunrich Products	4415 HO/DM/CLP	63	108	80	32.7	8.4	41.9	3,529	Average
Sunrich Products	4425CL	63	109	88	33.9	8.0	38.8	4,311	Exc
USDA	Honeycomb NS ³	56	99	71	32.4	7.5	38.4	1,953	
USDA	Hybrid 894 ⁴	62	107	80	34.3	7.9	42.7	2,277	
Mean		64	110	80	33.3	8.5	43.0	3,303	
CV %		1.0	1.5	4.6	1.4	5.6	2.7	11.1	
LSD 0.05		1	3	6	0.8	0.8	1.9	601	
LSD 0.10		1	2	5	0.7	0.7	1.6	503	

Planted: June 5th. Harvested: Nov. 14th. Previous crop: soybeans.

¹Hulling screen: Exc. = 65% of seed over a 14/64 inch screen; Average = 75% of seed over a 13/64 inch screen; Poor = meets neither criteria.

²Days after planting. Maturity checks: Honeycomb NS = 99 DAP, 8N270CLDM = 104 DAP, 559CL = 110 DAP.

³Early maturing check.

⁴Long-term hybrid check.