

Table 3. 2018 - Sunflower - Oilseed – Presho, SD

Company/ Brand	Hybrid	Height (cm)	Moisture (%)	Test Wt. (lb/bu)	Oil Content (%)	Seed Yield (lb/a)
Pioneer	P63HE90	152	14.4	28.7	34.3	2,287
Pioneer	P64HE101	146	16.0	29.0	33.4	2,065
Proseed	Proseed E-21 CL	153	13.9	28.5	30.3	1,764
Proseed	Proseed E-31 CL	145	12.6	31.0	35.9	2,415
Proseed	Proseed E-362436	147	14.3	29.8	36.5	2,176
Proseed	Proseed E-50016 CL	157	12.3	30.7	37.9	2,564
Proseed	Proseed E-71 CL	163	12.4	30.8	36.0	2,263
SunOpta	4415 HO/CLP/DM	135	13.9	30.3	34.7	2,374
SunOpta	4425 CL	152	12.3	30.0	34.6	2,041
SunOpta	EX725	151	13.0	31.1	37.5	1,961
SunOpta	EX721	150	12.5	28.1	35.8	1,772
SunOpta	EX72468	154	13.2	27.4	39.8	2,069
Mycogen	MY8H456CL	146	13.0	28.9	38.8	2,269
Mycogen	8H449CLDM	128	13.7	31.9	41.4	2,404
Mycogen	MY8H477CL	154	18.2	30.7	37.6	2,030
Mycogen	MY8H460CP	138	14.6	29.8	42.3	2,368
Croplan	3732	127	13.3	31.6	38.5	2,434
Croplan	3845 HO	135	12.2	31.9	40.9	2,462
Croplan	545 CL	111	16.0	30.4	35.5	2,179
Croplan	549 CL	171	14.1	32.0	37.8	2,882
Croplan	557 CL HO	139	15.1	30.9	36.9	2,377
Croplan	568 CL HO	136	15.5	31.8	37.7	2,183
Croplan	432 E	137	12.5	29.9	35.3	2,444
Croplan	455 E HO	127	13.0	30.8	34.7	2,157
Croplan	450E HO	133	12.5	29.5	37.5	2,440
LimaGrain Cereal Seeds	LCSADVX18-001HO	161	14.8	30.0	38.6	2,479
LimaGrain Cereal Seeds	LCSADVX18-002HO	161	12.7	28.8	36.6	2,367
LimaGrain Cereal Seeds	LCSADVX18-003HOCLP	163	13.5	30.9	36.9	2,169
LimaGrain Cereal Seeds	LCSADVX18-004HO	160	14.4	30.0	36.8	2,254
LimaGrain Cereal Seeds	LCSADVX18-005LN	163	16.2	32.0	37.4	2,519
LimaGrain Cereal Seeds	LCSADVX18-006HO	152	12.5	29.4	35.4	1,981
LimaGrain Cereal Seeds	LCSADVX18-007LN	151	12.6	29.4	37.4	2,267
LimaGrain Cereal Seeds	LCSADVX18-008HOCL	156	12.9	32.1	34.9	2,408
LimaGrain Cereal Seeds	LCSADVX18-009LN	178	14.7	31.5	35.4	2,698
LimaGrain Cereal Seeds	LCSADVX18-010LNCLP	151	12.5	32.3	39.4	2,637
LimaGrain Cereal Seeds	LCSADVX18-011LN	169	14.4	31.3	39.1	2,511
LimaGrain Cereal Seeds	LCSADVX18-012LNCLP	162	11.8	29.6	34.7	2,168
LimaGrain Cereal Seeds	LCSADVX18-013LN	157	11.3	28.2	36.5	2,061
Dyna Gro Seed	DG H42HO18 CL	124	12.9	29.3	36.7	2,097
Dyna Gro Seed	DG H49HO19 CL	134	16.9	29.6	35.8	2,300
Dyna Gro Seed	DG H45NS16 CL	141	12.6	32.3	39.3	2,925
Dyna Gro Seed	DG H49NS14 CL	136	15.7	31.2	36.8	2,217
Dyna Gro Seed	DG H44HO12 CL	143	11.9	28.8	39.1	2,341

Table 3. 2018 - Sunflower - Oilseed – Presho, SD, continued.

Company/ Brand	Hybrid	Height (cm)	Moisture (%)	Test Wt. (lb/bu)	Oil Content (%)	Seed Yield (lb/a)
Dyna Gro Seed	DG H48HO15 CL	147	12.4	28.1	40.7	2,091
Dyna Gro Seed	XH81N48EX	123	13.0	31.5	38.6	2,433
Dyna Gro Seed	XH81H50CL	129	14.4	29.2	38.0	2,433
Dyna Gro Seed	XH82N62EX	162	14.3	31.2	38.9	2,565
Dyna Gro Seed	XH82H63EX	164	15.5	31.5	36.6	1,833
Dyna Gro Seed	XH82N64EX	144	12.4	29.1	35.1	2,196
Dyna Gro Seed	XH82H65EX	159	12.8	30.5	37.5	2,836
Dyna Gro Seed	XH81H51EX	113	9.5	22.5	36.1	987
NuSeed	N4HP470	141	16.2	30.5	39.6	2,606
NuSeed	N4HE302	147	11.9	29.5	36.8	2,266
NuSeed	N4HM521	129	15.4	29.7	41.1	2,423
NuSeed	Hornet	137	14.8	32.1	37.8	2,331
NuSeed	N4HM354	125	12.5	31.1	39.3	2,432
NuSeed	Falcon	134	12.6	32.1	37.6	2,359
NuSeed	Camaro II	150	14.6	32.6	37.7	2,669
NuSeed	N5LM307	153	13.6	33.9	34.3	2,308
NuSeed	Badger DMR	153	12.2	28.2	30.6	1,712
Ag Venture	AF3N692ES	163	13.6	27.6	38.2	2,368
Ag Venture	AF3H681ES	160	13.8	29.7	36.0	2,387
Ag Venture	AF3N94CD	149	12.3	30.8	37.0	2,144
Ag Venture	AF4H95CD	140	14.4	30.0	36.5	2,642
Ag Venture	XF422HC	134	14.7	31.9	37.5	2,957
Ag Venture	XF2N14CD	122	12.5	31.3	39.0	2,939
Ag Venture	XF2665HE	153	12.5	29.4	38.5	2,925
USDA	–	132	11.7	31.5	36.2	2,050
Allegiant	65H81CL	158	12.5	30.0	36.9	2,212
Allegiant	70H51CL	139	12.5	29.4	39.1	2,528
	P-value	<0.001	<0.001	<0.001	<0.001	<0.001
	CV %	10.6	10.6	8.3	5.5	17.8
	LSD 0.05	21.5	2.0	3.5	2.8	576.9
	LSD 0.10	18.05	1.67	2.92	2.37	760.73

Planted: June 29.

Harvested: November 15.