

Scottsbluff Co Nebraska Irrigated Sunflower Variety Trial 2010 Oil Type

Brand	Hybrid	Yield* Lbs/Acre	Oil %	Test Wt Lbs/Bu	Harvest H2O	Flower Days after August 1	Height Inches
Mycogen	8N510	2360	33.2	29.1	9.0	25	48
Syngenta	3845 HO	2040	36.7	30.5	9.2	22	50
Mycogen	8N453DM	2790	36.9	32.2	11.2	26	55
Syngenta	3980 NS/CL	1880	31.5	28.3	10.8	26	64
Mycogen	8H449DM	2340	36.1	32.9	11.1	25	56
Croplan Genetics	460 E NS	2220	34.1	28.3	11.6	25	59
Croplan Genetics	356A NS	2180	34.6	29.7	10.5	24	48
Syngenta	3732 NS	2190	33.6	29.8	10.2	24	45
Syngenta	3875 NS	2350	31.6	30.3	11.8	24	54
Mycogen	8N358CLDM	2150	35.3	31.1	8.7	22	54
Mycogen	8N433DM	2400	35.2	29.4	9.6	24	52
Croplan Genetics	306 DMR NS	2450	35.5	28.9	9.6	23	49
Triumph	s668	1830	36.3	27.7	16.1	27	44
Triumph	s673	2080	34.4	28.0	12.7	27	40
Croplan Genetics	559 CL DMR NS	1820	34.2	30.6	10.1	25	64
Syngenta	4651 NS/DM	1680	34.4	24.5	12.9	26	59
Mycogen	8N421CLDM	2460	34.1	30.0	9.9	24	61
Advanta US, Inc	F91034NS,SU	2090	32.7	28.3	9.3	24	55
Advanta US, Inc	F89057NS,SU	1420	31.6	26.5	10.3	26	61
	AVERAGE	2144	34.3	29.3	10.8	24.6	53.6
	L.S.D. (05)	454	1.7	1.5	1.5	0.9	5.8
	c.v.	14.9	3.8	3.6	9.7	2.6	7.7

*Adjusted for 10% moisture

U of Nebraska Panhandle Station, Scottsbluff

Planted June 25

Harvested 2-Nov

Previous crop Corn

Fertilizer 40 lbs N, 46 lbs S per acre, broadcast (ammonium sulfate)
19 lbs N 22 lbs P2O5 per acre, starter with with planter

Herbicide 2 pt/acre Prowl H2O

Insecticide none

Additional notes

Harvest was delayed because no killing freeze until late October

No lodging