

**Cheyenne Co Nebraska Irrigated Sunflower Variety Trial 2010 Oil Type**

Brand	Hybrid	Yield* Lbs/Acre	Oil %	Test Wt Lbs/Bu	Harvest H2O	Lodg %	Flower Days after August 1	Height Inches
Mycogen	8N510	2070	32.7	28.1	5.6	5	10	60
Syngenta	3845 HO	2340	35.6	29.2	5.3	6	9	58
Mycogen	8N453DM	2440	36.9	30.3	5.7	3	10	66
Syngenta	3980 NS/CL	1900	30.7	26.6	5.7	5	13	68
Mycogen	8H449DM	2430	36.7	30.2	5.4	5	11	68
Triumph	664	2300	35.2	28.2	5.6	2	11	69
Croplan Genetics	460 E NS	2420	35.1	27.4	5.3	3	11	70
Croplan Genetics	356A NS	2130	34.4	29.0	5.8	7	11	59
Syngenta	3732 NS	2410	33.8	28.8	5.6	12	10	58
Syngenta	3875 NS	2420	32.5	28.7	5.5	9	10	63
Mycogen	8N358CLDM	2270	35.9	29.5	5.3	6	9	62
Mycogen	8N433DM	2510	35.6	27.2	5.7	2	10	64
Croplan Genetics	306 DMR NS	2220	34.6	28.2	5.7	1	9	64
Triumph	s668	2320	33.9	28.8	5.5	1	14	52
Triumph	s673	1960	33.4	27.9	5.7	0	15	50
Croplan Genetics	559 CL DMR NS	1980	34.7	29.4	5.4	4	12	71
Seeds 2000	Blazer CL	2060	33.2	28.3	5.6	8	14	68
Syngenta	4651 NS/DM	2200	30.5	25.2	6.0	2	11	66
Seeds 2000	X9866	2220	32.8	28.4	5.7	3	11	68
Advanta US, Inc	F91034NS,SU	1780	31.3	27.8	5.6	6	10	64
Seeds 2000	Firebird	2260	32.4	27.8	5.8	3	14	65
Advanta US, Inc	F89057NS,SU	1780	31.2	27.7	5.7	7	13	71
	AVERAGE	2190	33.7	28.3	5.6	4.6	11.1	63.8
	L.S.D. (05)	475	1.0	0.7	0.4 ns	6.6 ns	1.2	5
	c.v.	16.6	2.3	1.9	5.9	109.9	8.3	6.2

\*Adjusted for 10% moisture

Site: University of Nebraska High Plains Ag Lab, Sidney

Planted 7-Jun

Harvested 14-Oct

Previous crop Hybrid Sorghum Forage

Fertilizer 19 lbs N 22 lbs P2O5 starter fert/acre with planter sidedress 40 lbs/ acre N (from 32-0-0)

Herbicide no premergence

Volunteer 12 oz. per acre

Insecticide Mustang Max 4 oz per acre