

Cheyenne Co Nebraska Irrigated Sunflower Variety Trial 2012 Oil Types

Brand Name	Hybrid Name	Yield* (lbs/a)	Test Wt (lbs/bu)	% moisture at harvest	Flower days after Aug. 1	Plant Height (inches)
Croplan Genetics	460E	1102	33.4	6.4	8	46
Syngenta	3845 HO	1050	35.2	6.6	9	48
Seeds 2000	DAYTONA	1011	29.5	6.4	9	45
Seeds 2000	TORINO	984	30.4	6.5	11	46
Croplan Genetics	432E	900	31.4	6.3	10	43
Syngenta	NX24121	896	31.4	6.3	8	46
Seeds 2000	X6878	886	32	6.3	8	46
Seeds 2000	DURANGO	884	29.9	6.7	10	47
Croplan Genetics	559CL	876	32.9	6.5	10	45
Croplan Genetics	548CL	869	31.6	6.3	9	46
Seeds 2000	X3822	864	32.7	6.3	10	45
Mycogen	8N421-CL, DM	854	30.3	6.6	9	45
Mycogen	8N6785	852	32.4	6.4	10	45
Mycogen	8H449-CL, DM	851	30.4	6.3	11	46
Syngenta	3158 NS/CL/DM Pelleted	830	28.8	6.4	9	45
Syngenta	3733 NS/DM Pelleted	790	31.1	6.5	11	46
Mycogen	8N510	784	30.3	6.7	11	46
Syngenta	3733 NS/DM	780	27.8	6.4	10	44
Syngenta	NX24122(CL)	765	32.9	6.3	9	45
Seeds 2000	FALCON	756	31.1	6.4	10	45
Syngenta	3158 NS/CL/DM	746	30.2	6.5	9	48
Syngenta	3495 NS/CL/DM	709	31.2	6.4	9	47
Syngenta	3990 NS/CL/DM	657	31.6	6.5	11	47
Seeds 2000	X6872	640	30.5	6.5	7	45
Syngenta	NX24123(CL)	594	32.4	6.6	11	47
Syngenta	3995 NS/SU	573	30.5	6.6	11	47
	AVERAGE	827	31.2	4.2	10	46
	c.v.	14	7.5	6.5	11	4
	L.S.D. (0.05)	165	3.3	0.4	1	3

*Adjusted for 10% moisture

Site: High Plains Ag. Lab (near Sidney, NE)
Planted: 6/4/2012
Harvested: 10/15/2012
Previous crop: Wheat
Fertilizer: 30 lbs N
Herbicide: 2 Pints Prowl H2O, 2.5 oz Spartin Pre Plant
Insecticide: None

Note:

The irrigation system (linear) broke down during seed development stage (R6-R7) and the trial could not irrigated for about 10-days. This impacted yield and test weight as seen in the result. There was significant seed weevil infestation, which has also affected the yield.

