

## Cheyenne Co Nebraska Irrigated Sunflower Oil Type Variety Trial 2009

Brand	Hybrid	Yield		Test Wt Lbs/Bu	Harvest H2O	Flower Days after August 1	Height Inches
		Lbs/Acre	Oil %				
Syngenta	DKF 37-31 NS	2360	31.8	28.0	6.3	31	58
Syngenta	DKF 37-32 NS	2320	32.4	28.3	6.4	31	56
Mycogen	8N433DM	2310	32.2	25.7	6.7	30	60
Mycogen	8N453DM	2250	35.1	29.5	7.2	32	62
Mycogen	8N187	2250	29.5	26.1	6.7	30	56
Croplan Genetics	369 DMR NS	2210	33.3	26.2	6.4	31	63
Syngenta	DKF 34-33 NS/DM	2200	34.2	29.0	6.1	29	58
Syngenta	MH9002CL	2160	31.4	28.8	6.7	30	64
Syngenta	DKF 34-80CL	2140	31.1	26.2	6.4	30	54
Mycogen	8H449DM	2140	34.9	28.6	7.5	32	62
Croplan Genetics	378 DMR NS	2110	29.3	23.9	8.3	31	66
Croplan Genetics	356A NS	2100	31.3	27.8	6.7	31	54
Triumph	664	2080	31.4	25.2	7.8	33	69
Syngenta	IS7120 HO/DM	2080	31.8	26.3	6.0	29	56
Syngenta	DKF 38-45	2060	33.3	26.6	6.0	30	57
Syngenta	DKF 38-75 NS	2030	30.0	27.1	7.0	30	57
Mycogen	8N358CLDM	2000	32.5	27.2	7.1	31	60
Mycogen	8N510	1990	30.4	25.7	8.0	33	58
Croplan Genetics	555 CL DMR NS	1950	30.9	26.6	6.3	30	66
Syngenta	DKF 39-80	1860	28.8	26.0	7.4	32	68
Croplan Genetics	460 E NS	1830	32.5	24.1	6.7	30	65
Triumph	678	1760	34.1	27.0	7.5	34	52
Advanta Pacific	F30294NS,Rust	1600	28.7	23.5	8.0	33	66
Syngenta	MH9001CL	1550	30.8	26.9	8.2	33	65
	AVERAGE	2030	31.6	26.6	7	31	61
	L.S.D. (05)	369	1.1	0.9	0.8	1.9	4
	c.v.	12.8	2.0	2.0	7.4	4.4	4.7

### Cheyenne County Irri Oils

University of Nebraska High Plains Ag Lab, Sidney

Planted June 27

Harvested November 8

Previous crop Forage sorghum

Fertilizer 60# N

Herbicide 2.5 pt Prowl

Insecticide Asana Aug. 6

Planting was delayed by rain, then cooler than normal weather delayed maturity.

Killing frost occurred Oct. 3, later than normal, so sunflowers were nearly mature.

Harvest was then delayed by cool, wet weather and snow drifts

No lodging