

Nebraska Sunflower Variety (Oil) Test - 2014

Box Butte Co._Irrigated

Brand	Hybrid	Entry	Oil Type*	Yield rank	Yield** (lbs/a)	Bushel weight (lbs/bu)	Flowering (days after planting)	Plant height (inches)	Oil %
Syngenta	3845 HO	7	HO	1	1597	26	70	54	43
CROPLAN	559 CL	12	NS	2	1591	24	69	63	40
Mycogen	8H449CLDM	1	HO	3	1452	25	72	55	43
Mycogen	8H859CL	2	HO	4	1442	24	72	64	40
CROPLAN	545 CL	17	NS	5	1417	24	71	57	38
NUSEED AMERICAS	CAMARO II	10	NS	6	1406	26	69	60	39
Mycogen	8H570CL	3	HO	7	1320	25	72	48	41
NUSEED AMERICAS	HORNET	11	HO	8	1315	25	70	61	39
Syngenta	7111 HO/CL/DM	8	HO	9	1249	24	65	53	36
CROPLAN	13-652 CL	15	HO	10	1236	24	71	64	38
NUSEED AMERICAS	FALCON	9	NS	11	1198	24	72	63	39
CROPLAN	432 E	13	NS	12	1192	23	65	61	36
Mycogen	8N668S	4	NS	13	1177	26	75	43	41
CROPLAN	14-572 CL	16	HO	14	1119	25	66	66	36
Averages of all entries					1336	25	70	58	39
CV					21	9	3	9	4
Differences required for sig. at 5%					397	3	3	8	3

*NS = NuSun; HO - High Oleic; T = Traditional

**Adjusted for 10% moisture

Site: Alliance-Hemingford, NE

Planted: 6/10/2014

Harvested: 12/5/2014

Previous crop: Corn

Fertilizer: 60 lbs N

Herbicide: 2.5 oz Spartan Pre Plant

General comments: Some yield loss was from lodging of 90% of the plots ranged 10-75% (av.~20%).
(Most of the lodging took place due to 3" rain with in 2-days period
in Sep. end associated with high wind)

