

Nebraska Sunflower Variety (Oil) Test - 2014

Box Butte County_Dryland

Brand	Hybrid	Entry	Oil Type*	Yield rank	Yield** (lbs/a)	Bushel weight (lbs/bu)	Flowering (days after planting)	Plant height (inches)	Oil %
CROPLAN	432 E	13	NS	1	1408	26	65	61	42
Mycogen	8H449CLDM	1	HO	2	1387	32	70	52	49
Mycogen	8H859CL	2	HO	3	1186	29	73	60	45
CROPLAN	545 CL	17	NS	4	1168	27	73	57	47
CROPLAN	13-652 CL	15	HO	5	1151	31	71	59	45
Mycogen	8H570CL	3	HO	6	1128	25	75	43	47
CROPLAN	559 CL	12	NS	7	1120	26	70	64	47
Mycogen	8N668S	4	NS	8	1106	27	75	43	49
Syngenta	3845 HO	7	HO	9	1085	26	67	55	50
CROPLAN	14-572 CL	16	HO	10	1032	26	65	66	45
Syngenta	7111 HO/CL/DM	8	HO	11	944	29	65	48	42
Averages of all entries					1189	28	70	55	46
CV					24	10	2	6	5
Differences required for sig. at 5%					415	4	2	5	5

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

**Adjusted for 10% moisture

Site: Alliance-Hemingford, NE

Planted: 6/4/2014

Harvested: 12/5/2014

Previous crop: Wheat

Fertilizer: 45 lbs N

Herbicide: 2 pt Prowl H2O; 2.5 oz Spartan Pre Plant

General comments: Some yield loss was resulted from head loss from hail damage in mid-Aug. ranged from 10-50% (av. ~20%).