

Nebraska Sunflower Variety (Oil) Test - 2015

Cheyenne County_Rainfed

Brand	Hybrid	Oil Type*	Entry	Yield rank	**Yield (lbs/a)	Adj. † Yield (lbs/a)	Bushel weight (lb/bu)	Oil (%).db	Flowering (days after Jan.1)	Plant Height (inch)	Population (plants/a)
Croplan	545 LC	NS	11	1	1046	1053	23	40	232	60	17163
Croplan	458 E	HO	8	2	980	910	22	40	231	64	19690
Croplan	553 CL	HO	10	3	939	922	17	41	231	66	17947
Croplan	549 CL	HO	9	4	923	943	22	39	228	66	17511
Croplan	432 E	NS	7	5	890	858	17	39	225	60	19428
Averages of all entries					955	937	20	40	47	63	18347
Differences required for sig. 5%					ns	ns	1	2	2	3	ns

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

**Adjusted for 10% moisture

† Adjusted based on target population of 17,500/acre since population at harvest was too low from the target population

Site: High Plains Ag. Lab (near Sidney, NE) (N 41.13876, W 103.00179)
Planted: 1-Jul-15
Harvested: 16-Nov-15
Previous crop: Wheat
Fertilizer: 50 lbs N
Herbicide: 2 Pints Prowl H2O, 2.5 oz Spartan Pre Plant

Oil Data Done at the USDA-ARS, Northern Crop Science Laboratory by Dr. Brent Hulke's group

