

Nebraska Sunflower Variety (Oil) Test - 2015

Box Butte County_Irrigated

Brand	Hybrid	Oil Type*	Entry	Yield rank	**Yield (lbs/a)	Adj. † Yield (lbs/a)	Bushel weight (lb/bu)	Oil (%).db	Flowering (days after planting)	Height (inch)	Population (plants/a)
Croplan	553 CL	HO	10	1	1351	2930	21	36	71	67	10280
Croplan	549 CL	HO	9	2	1239	2352	25	37	68	71	11674
Croplan	458 E	HO	8	3	1208	2252	25	36	70	65	11848
Nuseed	Hornet	HO	14	4	1202	2881	26	36	73	63	9148
Nuseed	NHK 12M055	HO	16	5	1156	2173	26	37	70	60	11761
Nuseed	Falcon	NS	13	6	1085	2486	25	37	70	58	10280
Nuseed	Camoro II	NS	12	7	1079	2530	26	37	71	59	9583
Nuseed	NHK 12M054	HO	15	8	1053	2181	26	39	69	64	10628
Croplan	545 LC	NS	11	9	1036	2105	26	35	74	68	10890
Croplan	432 E	NS	7	10	951	1898	20	35	64	61	11151
Averages of all entries					1135	2378	25	37	70	63	10724
Differences required for sig. 5%					200	568	1	3	2	4	2007

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

**Adjusted for 10% moisture

† Adjusted based on target population of 22,000/acre since population at harvest was too low from the target population

Site: Co-operating grower's (Tom Elliot) field (N 42.18192, W 103.18359)
Planted: 4-Jun-15
Harvested: 30-Oct-15
Previous crop: Corn
Fertilizer: 100 lbs/acre N and 40 lbs/acre sulfur
Herbicide: Spartan

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

