

# Nebraska Sunflower Variety (Oil) Test - 2015

## Scotts Bluff 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)
Nuseed	Camoro II	NS	12	1	798	2895	10	40	65	53	6360
Nuseed	NHK 12M055	HO	16	2	784	2281	10	42	66	48	7667
Nuseed	NHK 12M054	HO	15	3	601	1866	10	42	65	50	7144
Nuseed	Hornet	HO	14	4	526	1570	10	41	68	57	7754
Nuseed	Falcon	NS	13	5	503	1216	11	42	66	52	9322
<b>Averages of all entries</b>					<b>642</b>	<b>1965</b>	<b>10</b>	<b>41</b>	<b>66</b>	<b>52</b>	<b>7649</b>
<b>Differences required for sig. 5%</b>					<b>78</b>	<b>712</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>4</b>	<b>2519</b>

\*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 (Grant Lerwick) field near Stegal, NE (N41.41025, W 103.57236)  
**Planted:** 8-Jun-15  
**Harvested:** 7-Nov-15  
**Previous crop:** Wheat  
**Fertilizer:** 100 lbs N  
**Herbicide:** Prowl H2O 2pt  
Spartan 2.5 oz  
**General comments** Low test weight was due to severe seed weevil infestation  
Many seeds was empty without kernel

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

