

# Nebraska Sunflower Variety (Oil) Test - 2017

## Perkins County\_Non-Irrigated (1787)

Hybrid	Brand	Oil Type*	Entry	Yield rank	Yield** (lbs/a)	Bushel wt (lbs/bu)	Flowering (Julian)	Plant height (inches)	PPA (at harvest)	Oil (%)
Hornet	Nuseed America	HO	3	1	745	25	230	55	9366	37
CROPLAN 450 E HO	Croplan by WinField	HO	14	2	716	26	228	53	4792	36
HX71H27CL	Dyna-Gro Seed	HO	19	3	700	24	230	55	13939	37
N4HM354	Nuseed America	NS	1	4	686	22	227	52	7551	35
CROPLAN 432 E	Croplan by WinField	NS	9	5	683	25	225	53	13794	34
HX73H32CL	Dyna-Gro Seed	HO	27	6	682	25	227	55	14229	37
CROPLAN 549 CL HO	Croplan by WinField	HO	11	7	681	25	227	65	12269	35
CROPLAN 558 CL HO	Croplan by WinField	HO	12	8	678	23	229	56	10600	37
HX71H11CL	Dyna-Gro Seed	HO	18	9	669	25	226	55	8785	37
Camaro II	Nuseed America	NS	2	10	653	25	227	57	13140	36
HX72H54CL	Dyna-Gro Seed	NS	24	11	650	27	229	56	13068	38
CROPLAN 3732	Croplan by WinField	NS	17	12	634	25	228	53	8131	36
HX72H47CL	Dyna-Gro Seed	HO	23	13	622	27	230	57	10745	37
N4HM521	Nuseed America	HO	4	14	603	21	230	53	6607	37
CROPLAN 455 E HO	Croplan by WinField	HO	15	15	600	26	225	55	6171	37
Sierra	Nuseed America	HO	5	16	594	21	230	54	10600	33
CROPLAN 545 CL	Croplan by WinField	NS	13	17	548	23	230	53	9148	36
CROPLAN 7919 CL HO	Croplan by WinField	HO	8	18	534	23	230	54	5736	37
CROPLAN 3845 HO	Croplan by WinField	HO	16	19	504	23	227	55	2614	38
CROPLAN 458 E HO	Croplan by WinField	HO	10	20	497	23	229	56	9583	35
<b>Averages of all entries</b>					<b>634</b>	<b>24</b>	<b>228</b>	<b>55</b>	<b>9543</b>	<b>36</b>
<b>Differences required for sig. at 5%</b>					<b>239</b>	<b>6</b>	<b>2</b>	<b>4</b>	<b>5466</b>	<b>2</b>
<b>CV</b>					<b>27</b>	<b>8</b>	<b>1</b>	<b>6</b>	<b>40</b>	<b>4</b>

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

\*\*Adjusted for 10% moisture

**Site:** Grant, NE  
**PPA (Target)** 17500  
**Planted:** 6/13/2017  
**Harvested:** 11/27/2017  
**Previous crop:** Wheat  
**Fertilizer:** 45 lbs N  
**Herbicide:** 2 Pints Prowl H2O, Spartan 2.5 oz  
**Comments** Bad trial (high CV for yield and PPA).  
 Planted under heavy residue. Emergence was very late and poor, resulted smaller head.