

Nebraska Sunflower Variety (Oil) Test - 2017

Cheyenne County_Irrigated (1781)

Hybrid	Brand	Oil Type*	Entry	Yield rank	Yield** (lbs/a)	Bushel wt (lbs/bu)	Flowering (Julian)	Plant height (inches)	PPA (at harvest)	Oil (%)
Dyna-Gro Seed	HX72H61CL	HO	22	1	1238	28	227	60	12080	38
Nuseed America	Sierra	HO	5	2	1137	29	228	60	12545	37
Croplan by WinField	CROPLAN 3845 HO	HO	16	3	1136	28	228	66	3833	39
Dyna-Gro Seed	HX72H54CL	NS	24	4	1083	27	226	67	18353	41
Nuseed America	N4HM521	HO	4	5	1076	29	227	60	13126	38
Croplan by WinField	CROPLAN 450 E HO	HO	14	6	1071	28	226	64	7434	35
Croplan by WinField	CROPLAN 432 E	NS	9	7	1071	27	227	62	11384	40
Croplan by WinField	CROPLAN 545 CL	NS	13	8	1025	27	227	62	12661	36
Dyna-Gro Seed	HX72H47CL	HO	23	9	1023	26	226	62	17308	35
Croplan by WinField	CROPLAN 558 CL HO	HO	12	10	1021	30	227	66	12662	39
Dyna-Gro Seed	HX71H27CL	HO	19	11	975	25	226	60	14404	38
Croplan by WinField	CROPLAN 458 E HO	HO	10	12	896	26	226	61	5343	37
Nuseed America	Camaro II	NS	2	13	872	26	225	63	13475	32
Croplan by WinField	CROPLAN 549 CL HO	HO	11	14	825	27	226	61	20212	36
Nuseed America	N4HM354	NS	1	15	806	27	227	61	16146	34
Dyna-Gro Seed	HX71H11CL	HO	18	16	806	28	226	58	15333	42
Croplan by WinField	CROPLAN 3732	NS	17	17	800	27	227	60	13126	39
Nuseed America	Hornet	HO	3	18	737	28	227	60	12545	30
Croplan by WinField	CROPLAN 455 E HO	HO	15	19	736	25	227	60	15217	34
Croplan by WinField	CROPLAN 7919 CL HO	HO	8	20	574	28	227	59	10454	38
	Averages of all entries				945	27	227	62	12882	37
	Differences required for sig. at 5%				348	4	3	8	6878	6
	CV				25	10	1	8	32	10

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

**Adjusted for 10% moisture

Site: Lodgepole, NE
PPA (Target) 22,000
Planted: 6/13/2017
Harvested: 11/6/2017
Previous crop: Corn
Fertilizer: 45 lbs N
Herbicide: 2 Pints Prowl H2O, 2.5 oz Spartan Pre Plant
Comments Bad trial (high CV for yield & PPA). High variability in stand from poor emergence and deer damage.