

Nebraska Sunflower Variety (Oil) Test - 2018

Box Butte Co. _Irrigated (1884)

| Hybrid | Brand | Type (o/c) | Entry | Yield rank | Yield (lbs/a) | Bushel Wt (lbs/bu) | Height (inch) | % of oil** |
|--|----------|------------|-------|------------|---------------|--------------------|---------------|------------|
| DG H48HO15 CL | DYNA GRO | HO | 14 | 1 | 1427 | 29 | 65 | 39 |
| N4HM521 | Nuseed | HO | 24 | 2 | 1323 | 29 | 64 | 39 |
| 450 E HO | CROPLAN | HO | 4 | 3 | 1300 | 29 | 67 | 38 |
| 549 CL | CROPLAN | NS | 6 | 4 | 1259 | 29 | 69 | 40 |
| 3845 HO | CROPLAN | HO | 2 | 5 | 1220 | 29 | 68 | 38 |
| 455 E HO | CROPLAN | HO | 3 | 6 | 1216 | 30 | 70 | 37 |
| DG H45NS16 CL | DYNA GRO | NS | 11 | 7 | 1204 | 29 | 67 | 38 |
| XH81N48EX | DYNA GRO | NS | 15 | 8 | 1196 | 29 | 69 | 39 |
| N4HM354 | Nuseed | NS | 21 | 9 | 1165 | 29 | 68 | 40 |
| DG H42HO18 CL | DYNA GRO | HO | 9 | 10 | 1163 | 29 | 70 | 38 |
| XH81H50CL | DYNA GRO | HO | 16 | 11 | 1156 | 29 | 70 | 37 |
| XH82N64EX | DYNA GRO | NS | 19 | 12 | 1132 | 29 | 70 | 37 |
| N4HE302 | Nuseed | HO | 22 | 13 | 1114 | 29 | 70 | 37 |
| XH82H65EX | DYNA GRO | HO | 20 | 14 | 1108 | 29 | 68 | 40 |
| 557 CL HO | CROPLAN | HO | 7 | 15 | 1089 | 29 | 65 | 41 |
| 568 CL HO | CROPLAN | HO | 8 | 16 | 1089 | 29 | 70 | 37 |
| N4HP470 | Nuseed | HO | 23 | 17 | 1087 | 29 | 68 | 38 |
| Homet | Nuseed | HO | 25 | 18 | 1080 | 29 | 70 | 39 |
| DG H49NS14 CL | DYNA GRO | NS | 12 | 19 | 1065 | 29 | 68 | 39 |
| 3732 | CROPLAN | NS | 1 | 20 | 1032 | 29 | 71 | 38 |
| DG H49HO19 CL | DYNA GRO | HO | 10 | 21 | 1026 | 29 | 69 | 39 |
| XH82N62EX | DYNA GRO | NS | 17 | 22 | 1023 | 29 | 66 | 39 |
| XH82H63EX | DYNA GRO | HO | 18 | 23 | 983 | 29 | 68 | 37 |
| DG H44HO12 CL | DYNA GRO | HO | 13 | 24 | 952 | 29 | 70 | 40 |
| Averages of all entries | | | | | 1142 | 29 | 68 | 39 |
| Differences required for sig. at 5% | | | | | 244 | ns | 4 | 3 |
| CV | | | | | 13 | 0.5 | 3 | 4 |

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

** Yield and Oil at 10% moisture

Site: Alliance-Hemingford, NE
PPA (Target) 22,000
Planted: 6/4/18
Harvested: 11/14/18
Previous crop: Corn
Fertilizer:
Herbicide: Prown H2O 2 pint

Comments: