

Irrigated Sunflower Oilseed Hybrid Trial, Lubbock, Texas--2018

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Planted June 30, 2018; harvested Nov. 12-13, 2018; Rainfall, May 1-Oct. 1, ~9", irrigation, 7".



| Company | Hybrid | Days to half-bloom | Maturity Stage, Oct. 1† | Plants/acre | Height (inches) | Oilseed Color‡ | Test Wt. (lbs./bu) | %Oil @ 10% H2O | Yield (lbs./A) | Crop Value (\$/A) |
|------------------------|-------------------|--------------------|-------------------------|---------------|-----------------|----------------|--------------------|----------------|----------------|-------------------|
| Dyna-Gro | H49HO19CL | 58 | 9.1 | 16,200 | 59 | 4 | 33.0 | 41.1 | 2,177 | \$ 414 |
| Dyna-Gro | H48HO15CL | 57 | 9.2 | 20,500 | 53 | 6 | 32.9 | 46.3 | 2,166 | \$ 411 |
| Mycogen | MY8H456CL | 57 | 9.1 | 19,600 | 53 | 7 | 32.3 | 44.8 | 2,291 | \$ 435 |
| Mycogen | MY8H460CP | 56 | 8.8 | 19,100 | 53 | 6 | 34.4 | 42.4 | 1,967 | \$ 374 |
| Nuseed | NHKP53383 (exptl) | 55 | 9.3 | 19,900 | 53 | 5 | 32.1 | 43.1 | 2,310 | \$ 439 |
| Nuseed | N4H521 CL | 55 | 8.9 | 21,000 | 53 | 6 | 32.4 | 44.4 | 2,316 | \$ 440 |
| Nuseed | N4H470 CL Plus | 55 | 8.9 | 20,300 | 56 | 5 | 33.3 | 44.7 | 2,326 | \$ 442 |
| Nuseed | N4HM354 | 55 | 9.3 | 19,700 | 53 | 4 | 34.7 | 44.4 | 2,267 | \$ 431 |
| Nuseed | Cobalt II | 55 | 9.0 | 17,700 | 48 | 4 | 34.0 | 40.5 | 1,784 | \$ 338 |
| Nuseed | Hornet | 55 | 9.0 | 18,500 | 56 | 4 | 33.5 | 41.8 | 2,032 | \$ 386 |
| Nuseed | N4H302 E | 55 | 9.4 | 19,500 | 49 | 6 | 31.8 | 42.1 | 1,975 | \$ 375 |
| Terral | REV SF385 | 55 | 9.1 | 15,800 | 55 | 8 | 34.8 | 38.2 | 2,212 | \$ 420 |
| Croplan | 455 E HO | 55 | 9.3 | 20,600 | 51 | 5 | 33.2 | 42.7 | 2,537 | \$ 482 |
| Croplan | 557 CL HO | 55 | 9.3 | 18,400 | 59 | 5 | 33.1 | 42.2 | 2,179 | \$ 414 |
| Croplan | 568 CL HO | 55 | 8.9 | 20,500 | 53 | 5 | 32.9 | 45.3 | 2,704 | \$ 514 |
| Croplan | 549 CL (NuSun) | 55 | 9.4 | 20,600 | 58 | 6 | 34.1 | 39.6 | 1,817 | \$ 327 |
| Oilseed Average | | 56 | 9.1 | 19,200 | 54 | 5 | 33.3 | 42.7 | 2,191 | \$ 415 |

†Maturity stage, back of head, Oct. 1, 2018: Yellow only = 8.75; yellow + some brown = 9.0, majority brown = 9.5, brown to black =10.0

‡Oilseed scored from light gray (1) to dark black (10). Black seed is customer preference for birdfood.