

2007 Alfalfa Variety Test Results - 421

OKLAHOMA

Perkins, Agronomy Research Station, Payne County
Rain-fed, Sown September 2004

| Entry | 2007 | | | | 2006 Total | 2005 Total | 3-Yr. Total | 3-Yr. Total NN* |
|----------------------|------|------|------|-------|---------------|---------------|----------------|--------------------|
| | 5/15 | 7/16 | 8/29 | Total | | | | |
| Tons Dry Matter/Acre | | | | | | | | |
| OK 200-3-S-L | 1.76 | 2.15 | 1.55 | 5.46 | 3.84 | 4.73 | 14.03 | 14.12 |
| OK 200-3-C-M | 1.73 | 2.16 | 1.45 | 5.33 | 3.93 | 4.61 | 13.87 | 13.83 |
| OK 200-3-S-M | 1.69 | 2.15 | 1.45 | 5.29 | 3.77 | 4.57 | 13.62 | 13.65 |
| Good As Gold II | 1.71 | 2.16 | 1.40 | 5.26 | 3.61 | 4.67 | 13.54 | 13.54 |
| OK 200-3-C-S | 1.71 | 2.06 | 1.43 | 5.20 | 3.63 | 4.44 | 13.27 | 13.30 |
| 6420 | 1.64 | 2.15 | 1.41 | 5.19 | 3.49 | 4.59 | 13.27 | 13.17 |
| 55H05 | 1.65 | 2.04 | 1.20 | 4.89 | 3.67 | 4.59 | 13.15 | 13.03 |
| HybriForce-400 | 1.62 | 2.08 | 1.34 | 5.04 | 3.41 | 4.34 | 12.79 | 12.99 |
| OK 49 | 1.24 | 1.64 | 1.09 | 3.98 | 4.00 | 4.90 | 12.87 | 12.89 |
| 362 HY | 1.55 | 2.15 | 1.34 | 5.04 | 3.28 | 4.27 | 12.58 | 12.63 |
| 6530 | 1.38 | 2.10 | 1.16 | 4.65 | 3.11 | 4.28 | 12.03 | 11.97 |
| Artesian Sunrise | 1.20 | 1.76 | 1.08 | 4.03 | 3.74 | 4.23 | 11.99 | 11.90 |
| Mean | 1.57 | 2.05 | 1.33 | 4.95 | 3.62 | 4.52 | 13.08 | 13.08 |
| 5% LSD | 0.18 | 0.19 | 0.16 | 0.39 | 0.30 | 0.29 | 0.61 | 0.57 |
| CV (%) | 9.8 | 8.2 | 10.1 | 6.9 | 7.2 | 5.5 | 4.05 | 3.8 |

Design: Randomized Complete Block
No. of Reps: 6
Experiment: 421

Plot Size: 1x5m planted
Plot Size: 1x5m harvested

*Total NN = Means adjusted by nearest neighbor analysis.

Variety means are LSMEANS derived from nearest neighbor statistical analysis; therefore, season or multiple-year totals are not the arithmetic sum of individual cuts or years, respectively.

These data are provided by the Plant & Soil Sciences Department of the Division of Agricultural Sciences and Natural Resources of Oklahoma State University. For additional information, contact John Caddel <john.caddel@okstate.edu>