

## 2006 Alfalfa Variety Test Results - 431

Chickasha, Central Oklahoma Research Station, Grady County  
Rainfed, Sown September 2004

Entry	2006				2005 Total	2-Yr. Total	2-Yr. Total NN*
	5/16	6/20	9/29	Total			
Tons Dry Matter/Acre							
OK 200-3-S-L	1.81	1.52	1.04	4.37	7.14	11.50	12.32
OK 49	1.57	1.29	1.02	3.88	6.85	10.73	10.81
6420	1.70	1.03	0.99	3.72	7.37	11.09	10.66
55H05	1.56	1.11	0.93	3.59	6.95	10.54	10.51
Good As Gold II	1.66	1.09	0.97	3.72	6.59	10.31	10.43
OK 200-3-C-S	1.65	1.40	0.98	4.03	6.21	10.24	10.23
HybrilForce-400	1.48	0.93	0.90	3.31	6.70	10.00	10.11
ms Sunstra-418	1.47	0.98	0.92	3.36	6.68	10.04	9.92
Artesian Sunrise	1.60	1.26	1.05	3.91	6.01	9.92	9.76
362 HY	1.37	0.87	0.78	3.03	6.22	9.25	9.52
6400 HT	1.56	0.86	0.85	3.27	6.47	9.74	9.50
6530	1.48	0.82	0.83	3.13	6.74	9.87	9.46
Mean	1.57	1.10	0.94	3.61	6.66	10.27	10.27
5% LSD	0.38ns	0.27	0.20ns	0.75	1.01ns	1.62ns	1.34
CV (%)	21	21.4	18.4	18.1	13.1	13.7	11.3

Design: Randomized Complete Block

No. of Reps: 6

Experiment: 431

ns = not significant at p= 0.05

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.

OK 200-3 is the syn 3 generation of a broad genetic germplasm. C = Seed was produced in Chickasha with poor bee activity; S = Seed was produced in Stillwater with good bee activity. L = Large seed; M = Medium seed; S = small seed; and Reg = The mix of seed sizes in the lot after reasonable cleaning.

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](mailto:john.caddel@okstate.edu)>

