

2007 Alfalfa Variety Test Results - 2007

OKLAHOMA

Stillwater, Agronomy Research Station, Payne County
Irrigated, Sown September 2005

Entry	2007					2006 Total	2-Yr. Total	2-Yr. Total NN*
	5/16	7/9	8/14	9/27	Total			
Tons Dry Matter/Acre								
OK 49	2.85	1.54	0.81	1.76	6.96	9.70	16.66	17.06
3AR04	3.10	1.92	1.23	2.08	8.33	8.69	17.02	17.05
VN904	3.06	1.79	0.97	2.02	7.83	8.45	16.28	16.66
Phoenix (50T176)	2.81	1.97	1.22	2.05	8.04	8.34	16.39	16.61
FSG 408 DP	2.88	2.00	0.97	1.94	7.79	8.39	16.17	16.48
OK 200-3	2.69	1.73	1.04	1.97	7.42	8.77	16.20	16.47
Good As Gold II	2.75	1.75	0.87	1.89	7.25	9.14	16.39	16.33
Escalade	2.77	1.81	1.07	1.97	7.62	8.93	16.55	16.32
msSunstra-507	2.85	1.75	1.07	1.98	7.66	8.55	16.21	16.32
HybriForce-600	2.64	1.66	0.93	1.87	7.10	9.26	16.35	16.31
FSG 505	2.73	1.95	1.05	1.96	7.70	8.72	16.42	16.29
6420	2.70	1.82	0.99	1.92	7.43	8.63	16.07	16.16
HybriForce-400	2.74	1.59	0.97	1.85	7.14	8.85	16.00	16.02
DS 204 Hyb	2.73	1.74	1.08	1.93	7.49	8.38	15.86	15.98
R84 BD 31 (Alfagraze 600 RR)	2.31	1.68	1.13	1.99	7.10	8.89	15.99	15.83
SPCH04	2.83	1.80	1.03	2.05	7.70	7.59	15.29	15.63
R74 BD 28 (Transition 6.10RR)	2.68	1.66	0.97	1.91	7.22	8.40	15.62	15.42
6530	2.61	1.78	1.12	2.04	7.55	8.19	15.74	15.38
FD4RRA lot 215-5	2.33	1.74	1.05	1.92	7.04	7.87	14.90	14.74
RRA FD4 lot 101-5c	2.33	1.82	0.85	1.86	6.85	8.07	14.92	14.47
WL 355 RR	2.28	1.80	0.95	1.88	6.90	7.68	14.58	14.30
R34 BD 01 (Alfagraze 300 RR)	2.51	1.87	1.01	1.87	7.25	7.02	14.28	14.05
Mean	2.69	1.78	1.02	1.94	7.43	8.48	15.90	15.90
5% LSD	0.18	0.18	0.21	0.16	0.52	0.85	0.91	0.62
CV (%)	5.8	8.8	17.8	7.4	6.10	8.7	5.0	3.40

Design: Randomized Complete Block
No. of Reps: 6
Experiment: 501

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>