

2005 Alfalfa Variety Test Results - 231

OKLAHOMA

Chickasha, Central Oklahoma Research Station, Grady County
Irrigated, Sown September 2002

Entry	2005					2004 Total	2003 Total	3-Yr. Total	3-Yr. Total NN*
	4/27	6/24	7/27	8/30	Total				
Tons Dry Matter/Acre									
OK 215 Syn 3	2.22	2.22	1.47	1.38	7.29	7.31	6.49	21.09	21.43
Magna 601	2.01	2.17	1.42	1.45	7.04	6.76	6.39	20.19	20.52
WPAR02	2.57	2.14	1.28	1.25	7.24	7.32	6.34	20.90	20.50
55H05	2.22	2.12	1.32	1.42	7.08	7.05	6.45	20.58	20.45
Good As Gold II	2.03	2.00	1.26	1.30	6.58	7.42	6.62	20.62	20.43
54Q25	2.17	2.10	1.30	1.35	6.92	7.03	6.43	20.38	20.35
Garst 631	1.97	2.12	1.38	1.27	6.74	7.13	6.33	20.21	20.25
HybriForce-400	1.94	2.06	1.23	1.18	6.40	6.79	6.80	19.98	20.04
WL 327	1.71	2.26	1.14	1.36	6.47	6.48	6.54	19.48	19.67
DS 9809 Hyb	1.88	2.06	1.27	1.25	6.46	6.65	6.56	19.68	19.67
OK 49	2.10	1.92	1.27	1.14	6.43	7.10	6.24	19.76	19.58
Reward II	1.72	1.90	1.10	1.12	5.84	6.66	6.34	18.83	18.67
VL02	1.98	1.97	1.18	1.24	6.37	6.41	6.11	18.89	18.56
6400 HT	1.59	2.13	1.11	1.30	6.13	5.91	6.05	18.09	18.45
Cimarron	1.82	1.87	1.18	1.26	6.13	5.99	5.64	17.76	18.01
Garst 6530	1.62	1.91	1.01	1.17	5.71	6.07	6.32	18.09	17.93
Mean	1.97	2.06	1.24	1.28	6.55	6.75	6.35	19.66	19.66
5% LSD	0.34	0.30ns	0.26ns	0.28ns	0.78	0.90	0.44	1.52	1.36
CV (%)	15.0	12.7	18.0	19.4	10.4	11.6	6.0	6.7	6.0

Design: Randomized Complete Block

No. of Reps: 6

Experiment: 231

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.