

## Forage yields of 32 alfalfa varieties at the Arkansas Valley Research Center in 2004<sup>1</sup>

Entry/Variety	Brand/Source	1st Cut	2nd Cut	3rd Cut	4th Cut	2004 <sup>2</sup>
		25-May	20-Jul	18-Aug	18-Oct	Total
		tons/acre <sup>3</sup>				
VL02*	Great Plains Research Co.	3.18	2.45	1.11	0.79	7.52
45098	Cal/West	2.61	2.76	0.97	1.05	7.39
Masterpiece	J.R. Simplot	2.91	2.47	1.07	0.93	7.37
WL 327	W-L Research	2.57	2.70	1.03	0.96	7.25
DS311 Hyb	Dairyland Seed Co.	2.49	2.69	1.11	0.94	7.23
6530	Garst	2.55	2.89	1.03	0.76	7.23
HybriForce-420/Wet	Dairyland Seed Co.	2.82	2.55	0.99	0.84	7.20
4M124	Croplan Genetics	2.78	2.45	1.04	0.86	7.13
6420	Garst	2.55	2.75	0.98	0.84	7.12
4M125	Syngenta Int'l AG	2.45	2.58	1.02	1.06	7.11
DS307 Hyb	Dairyland Seed Co.	2.61	2.63	1.05	0.81	7.11
Arapaho	Dairyland Seed Co.	2.68	2.46	1.04	0.87	7.05
Bullseye	Target Seed	2.91	2.38	1.03	0.72	7.04
Evermore	Allied Seed	2.66	2.39	1.00	0.93	6.98
Abundance	Sharp Bros. Seed Co.	2.70	2.49	0.96	0.82	6.97
55H05	Pioneer Hi-Bred Int'l	2.54	2.31	1.11	1.00	6.96
Rebel	Target Seed	2.64	2.39	1.05	0.87	6.95
FSG 505	Allied Seed	2.52	2.50	0.97	0.95	6.95
05009	Cal/West	2.55	2.46	1.09	0.81	6.90
05073	Cal/West	2.51	2.45	1.02	0.90	6.88
Goliath	Allied Seed	2.67	2.50	0.89	0.78	6.85
Baralfa53HR	Barenbrug USA	2.56	2.51	0.89	0.83	6.79
Reward II	PGI Alfalfa	2.46	2.44	1.03	0.82	6.75
FSG 406	Allied Seed	2.44	2.38	1.04	0.87	6.73
15029	Cal/West	2.42	2.45	0.98	0.82	6.67
Lahontan	USDA/NV	2.42	2.54	0.90	0.80	6.66
Baralfa42IQ	Barenbrug USA	2.52	2.58	0.89	0.65	6.63
Rugged	Target Seed	2.32	2.64	0.93	0.73	6.61
DS304 Hyb	Dairyland Seed Co.	2.44	2.23	1.02	0.91	6.61
Expedition	Syngenta Int'l AG	2.33	2.49	0.95	0.84	6.60
WL 357 HQ	W-L Research	2.26	2.31	1.00	0.89	6.46
25035	Cal/West	2.06	2.39	0.94	0.74	6.13
<b>Average</b>		<b>2.57</b>	<b>2.51</b>	<b>1.00</b>	<b>0.86</b>	<b>6.93</b>
LSD <sub>(0.05)</sub>		0.26	0.21	0.16	NS**	0.49

<sup>1</sup>Trial conducted at the Arkansas Valley Research Center.

<sup>2</sup>Table is arranged by decreasing, 2004 total yield.

<sup>3</sup>Yield is on air-dry basis.

\* Certified seed of VLO2 will be sold in the spring of 2005 as CimarronVL400.

\*\*NS: Differences among entries are not significant at 95% probability ( $\alpha=0.05$ ).

### **Site information:**

Planted: 08/26/03

October 28, 2002: 156 lb P<sub>2</sub>O<sub>5</sub> + 33 lb N/acre as 11-52-0

March 10, 2004: Pursuit @ 0.0625 a.i./acre

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