2003 Irrigated Alfalfa Variety Yield Trial, University of Wyoming Research and Extension Center, Powell, WY.

		Yield in Tons/Acre Dry Matter[1]				
Brand/Variety	Source	6-15-04	8-04-04	10-6-04	2004 Total	% of Ranger
HybriForce 420 Wet	www.dairylandseed.com	2.72	2.04	1.89	6.65	130
4M 125	www.syngenta.com	2.60	1.98	2.06	6.64	130
4M 124	www.croplangenetics.com	2.29	1.97	2.04	6.30	123
6400 HT	www.garstseed.com	2.44	2.05	1.79	6.28	123
Vernal	Public	2.50	2.06	1.67	6.23	122
Fremont	Public	2.67	1.78	1.72	6.17	121
54Q25	www.pioneer.com	2.27	1.99	1.86	6.12	120
Wrangler	Public	2.21	1.85	1.79	5.85	114
Somerset	www.syngenta.com	2.14	1.96	1.75	5.85	114
WBRR	University of Wyoming	2.22	1.78	1.69	5.69	111
WL 319 HQ	www.wlresearch.com	2.27	1.72	1.57	5.56	109
Heinrichs	Public	2.03	1.83	1.29	5.15	101
Ranger	Public	2.05	1.56	1.50	5.11	100
Average		2.33	1.89	1.74	5.97	117
LSD (0.05)		N.S.	0.30	0.22	0.68	
CV (%)		14.9	11.0	8.8	7.9	

[1]Dried for 48 hr at 60 degrees C. To convert dry tons per acre to hay at 12% moisture, multiply by 1.136.

ESTABLISHMENT PROCEDURE: Seeded on 6-05-03 @ 24 lb pure live seed per acre after 600 lb/A of 11-52-0 were soil incorporated. Borders were seeded to Ranger. Trial was gravity-flow, flood irrigated.

ELEVATION: 4365ft above sea level; 155 days above 28 degrees F.

SOIL TYPE: Clay Loam.

EXP. DESIGN: Randomized Complete Block, Four Replications. Yields differing by more than the LSD are different at odds of at least 19 to 1, but an LSD designation of N.S. indicates yield differences were not significant.

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