

**1998 Irrigated Alfalfa Variety Yield Trial, University of Wyoming Research and Extension Center,
Powell, WY**

Brand/Variety	Origin or Marketer	Yield in Tons/Acre Dry Matter*				
		6-16-99	8-3-99	10-4-99	1999 Total	% of Ranger
DS9612	Dairyland	2.19	2.46	1.85	6.50	125
Paramount	WL Research	2.02	2.38	1.93	6.34	122
53V08	Pioneer	2.09	2.34	1.72	6.16	118
Super 6	Super Seeds	1.93	2.29	1.85	6.07	117
Rampage Mico-Rizo ¹	Gooding Seed	1.73	2.42	1.87	6.02	116
Rambo Mico-Rizo ¹	Gooding Seed	1.96	2.32	1.71	5.99	115
Pinnacle	Arkansas Valley Seeds	1.91	2.26	1.82	5.99	115
TMF 421	Mycogen Seeds	1.94	2.22	1.80	5.97	115
Rebound	Cenex Land O'Lakes	1.76	2.44	1.76	5.96	114
Magnum V	Dairyland	1.73	2.36	1.84	5.93	114
DK142	DeKalb	1.75	2.23	1.84	5.82	112
Mountaineer	Cenex Land O'Lakes	1.76	2.18	1.84	5.78	111
Rambo	Gooding Seed	1.87	2.10	1.67	5.64	108
DK134	DeKalb	1.63	2.22	1.69	5.54	106
Innovator +Z	Americas Alfalfa	1.71	2.01	1.72	5.45	105
Enhancer Mico-Rizo ¹	Gooding Seed	1.77	1.98	1.64	5.39	103
Plumas	Union Seed	1.40	2.11	1.81	5.32	102
Wrangler	Public	1.83	1.93	1.45	5.24	101
Ranger	Public	1.73	1.98	1.50	5.21	100
Vernal	Public	1.48	1.97	1.50	4.95	95
Average		1.81	2.21	1.74	5.76	
LSD (0.05)		0.39	0.35	0.19	0.78	
CV (%)		15.40	11.28	7.70	9.65	

¹Mico-Rizo seed coating reduced seeding rate by 34%.

*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 4-30-98 @ 24 lbs pure live seed per acre after 250 lbs/A of 11-52-0 were soil incorporated. Borders were seeded to Big Horn. Trial was gravity-flow, flood-irrigated.

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

SOIL TYPE: Clay Loam.

EXP. DESIGN: Randomized Complete Block, Four Replications. Yields differing from each other by more than the LSD are different odds of at least 19 to 1. An LSD designation of N.S. indicates a difference that is "non-significant".

COOPERATORS: Lyle Bjornestad, Mike Killen, Alan Gray (307) 754-2223.

(TablePOW98.wpd)