

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

		Yield in Tons/Acre Dry Matter*									
Brand/Variety	Origin or Marketer	6-5-01	7-13-01	8-16-01	10-9-01	2001 Total	2000 Total	1999 Total	3 Year Total	3 Year Avg.	% of Ranger
Plumas	Union Seed	2.23	2.00	1.81	1.03	7.07	7.73	6.65	21.45	7.15	114
Rebound 4.2	Cenex Land O'Lakes	2.27	2.12	1.88	.95	7.21	7.16	6.75	21.12	7.04	112
Mountaineer	Cenex Land O'Lakes	2.19	1.86	1.80	.94	6.80	7.47	6.67	20.93	6.98	111
Wrangler	Public	2.13	2.02	1.70	.97	6.82	7.66	6.44	20.92	6.97	111
DK142	DeKalb	2.23	1.87	1.78	.99	6.86	7.62	6.35	20.83	6.94	110
Innovator +Z	Americas Alfalfa	2.20	1.82	1.79	.91	6.73	7.68	6.33	20.74	6.91	110
Cimarron 3i	Great Plains	2.34	1.81	1.73	.99	6.85	7.12	6.73	20.70	6.90	110
Amerigraze 401+Z	Americas Alfalfa	2.03	2.04	1.61	.95	6.62	7.70	6.33	20.64	6.88	109
Geneva	Novartis	2.32	2.06	1.76	.83	6.97	6.87	6.57	20.40	6.80	108
Paramount	Cargill Hybrid Seed	2.20	1.88	1.73	.71	6.51	7.11	6.78	20.40	6.80	108
Pinnacle	Arkansas Valley	2.16	1.82	1.73	.90	6.60	6.87	6.76	20.22	6.74	107
Feast	AgriPro Seeds Inc.	2.23	1.88	1.62	.89	6.61	7.38	6.17	20.16	6.72	107
Yielder	AgriPro Seeds Inc.	2.34	1.97	1.77	.81	6.88	6.83	5.83	19.53	6.51	103
Vernal	Public	2.01	1.92	1.63	.88	6.43	7.02	6.05	19.50	6.50	103
Ranger	Public	2.17	1.61	1.61	.76	6.14	6.57	6.18	18.89	6.30	100
Average		2.20	1.91	1.73	0.90	6.74	7.25	6.44	20.43	6.81	108
LSD (0.05)		N.S.	N.S.	N.S.	N.S.	0.52	0.74	0.61	1.24	0.41	
CV (%)		9.9	10.3	9.2	17.8	5.5	7.2	6.6	4.3	4.3	

*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 5-8-98 @ 24 lbs pure live seed per acre after 250 lbs/A of 11-52-0 were soil incorporated. Borders were seeded to Big Horn. Trail was both sprinkler and border flood-irrigated.

ELEVATION: 4104 ft above sea level; 148 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 at odds of at least 19 to 1. An LSD designation of N.S. indicates a difference that is "non-significant".

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(TableTORR98-00.wpd)