

**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	6-1-00	7-11-00	8-23-00	10-10-00	2000 Total	1999 Total	2 Year Total	2 Year Avg.	% of Ranger
Plumas	Union Seed	1.94	3.05	1.77	.96	7.73	6.65	14.38	7.19	113
Mountaineer	Cenex Land O'Lakes	1.91	2.91	1.69	.97	7.47	6.67	14.13	7.07	111
Wrangler	Public	1.98	2.88	1.83	.98	7.66	6.44	14.10	7.05	111
Innovator +Z	Americas Alfalfa	1.94	2.94	1.76	1.05	7.68	6.33	14.02	7.01	110
Amerigraze 401+Z	Americas Alfalfa	1.98	2.86	1.87	1.00	7.70	6.33	14.02	7.01	110
DK142	DeKalb	2.02	2.79	1.81	1.01	7.62	6.35	13.97	6.98	110
Rebound	Cenex Land O'Lakes	1.95	2.57	1.70	.94	7.16	6.75	13.91	6.95	109
Paramount	Cargill Hybrid Seed	1.70	2.74	1.73	.94	7.11	6.78	13.89	6.95	109
Cimarron 3i	Great Plains Research	1.74	2.68	1.75	.95	7.12	6.73	13.85	6.93	109
Pinnacle	Arkansas Valley	1.93	2.46	1.56	.93	6.87	6.76	13.63	6.81	107
Feast	AgriPro Seeds Inc.	1.99	2.74	1.74	.91	7.38	6.17	13.55	6.77	106
Geneva	Novartis	1.91	2.29	1.72	.95	6.87	6.57	13.43	6.72	105
Vernal	Public	1.87	2.81	1.57	.77	7.02	6.05	13.07	6.53	103
Ranger	Public	1.81	2.49	1.58	.70	6.57	6.18	12.75	6.37	100
Yielder	AgriPro Seeds Inc.	1.89	2.28	1.74	.92	6.83	5.83	12.65	6.33	99
Average		1.90	2.70	1.72	0.93	7.25	6.44	13.69	6.84	107
LSD (0.05)		N.S.	N.S.	N.S.	0.16	0.74	0.61	1.04	0.52	
CV (%)		8.3	14.5	12.2	12.0	7.2	6.6	5.3	5.3	

*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)