

**2000 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	6-10-03	7-14-03	8-13-03	9-30-03	2003 Total	2002 Total	2001 Total	3-yr Total	3-yr Ave.	% of Ranger
Cooper	Montana State Univ.	2.32	1.60	1.31	1.13	6.36	8.03	7.51	21.90	7.30	115
No. 8	Super Seeds	1.96	1.61	1.23	1.04	5.84	8.28	7.63	21.75	7.25	115
Trophy	Geertson Seed Farms	2.31	1.86	1.44	1.22	6.83	7.72	7.09	21.65	7.22	114
Garst 631	Garst Seed Co.	2.03	1.29	1.30	1.01	5.63	8.28	7.66	21.57	7.19	114
Shaw	Montana State Univ.	2.17	1.61	1.21	1.02	6.01	8.00	7.37	21.37	7.12	112
4200	Arkansas Valley Seed	2.03	1.41	1.28	1.19	5.91	7.82	7.19	20.92	6.97	110
ZX9450A	ABI/America's Alfalfa	1.87	1.43	1.35	1.06	5.71	7.96	7.23	20.89	6.96	110
Magnum V	Dairyland Seed	1.77	1.40	1.31	1.12	5.60	7.76	7.32	20.68	6.89	109
Arapaho	Dairyland Seed	1.99	1.44	1.27	0.99	5.69	7.74	7.20	20.64	6.88	109
Innovator +Z	ABI/Americas Alfalfa	1.85	1.55	1.29	1.01	5.70	7.57	6.93	20.20	6.73	106
Rhino	Geertson Seed Farms	1.98	1.50	1.32	1.07	5.87	7.39	6.83	20.08	6.69	106
Amerigraze 401+Z	ABI/Americas Alfalfa	1.98	1.57	1.38	1.17	6.10	7.31	6.66	20.07	6.69	106
Vernal	Public	1.85	1.45	1.38	0.88	5.56	7.55	6.86	19.97	6.66	105
Enhancer	Dairyland	1.88	1.52	1.15	1.05	5.60	7.23	6.51	19.33	6.45	102
Feast +EV	Garst Seed Co.	1.86	1.39	1.61	1.08	5.94	7.03	6.23	19.19	6.40	101
Wrangler	Public	1.84	1.24	1.30	1.09	5.47	7.09	6.43	18.98	6.33	100
Ranger	Public	1.62	1.42	1.13	0.81	4.98	7.34	6.68	18.99	6.33	100
Super 6	Super Seeds	1.44	1.03	1.31	0.83	4.61	6.93	6.40	17.93	5.98	94
Average		1.93	1.46	1.31	1.04	5.74	7.61	6.98	20.34	6.78	107
LSD (0.05)		0.24	0.29	N.S.	0.19	0.54	0.86	0.76	1.75	0.58	
CV (%)		8.8	14.0	15.2	13.0	6.6	7.9	7.7	6.1	6.1	

\*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 6-1-00 @ 24 lbs pure live seed per acre after 250 lbs/A of 11-52-0 were soil incorporated. Trial 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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(TableTORR00-03.wpd)