

**2000 Irrigated Alfalfa Variety Yield Trial, University of Wyoming Research and Extension Center,
Torrington, WY.**

Brand/Variety	Origin or Marketer	Yield in Tons/Acre Dry Matter*					
		6-5-01	7-13-01	8-16-01	10-9-01	2001 Total	% of Ranger
Garst 631	Garst Seed Co.	2.20	2.35	1.86	1.25	7.66	115
No. 8	Super Seeds	2.25	2.24	1.90	1.24	7.63	114
Cooper	MSU/Public	2.21	2.03	1.92	1.35	7.51	112
Shaw	MSU/Public	2.30	2.04	1.83	1.20	7.37	110
Magnum V	Dairyland Seed	2.35	1.89	1.75	1.34	7.32	110
ZX9450A	ABI Alfalfa	2.21	2.09	1.83	1.11	7.23	108
Arapaho	TriWest/Dairyland	2.17	1.78	1.94	1.31	7.20	108
4200	Forage Genetics/AVS	2.14	2.08	1.79	1.18	7.19	108
Trophy	Geertson Seed Farms	2.25	1.94	1.75	1.15	7.09	106
Innovator +Z	ABI/Americas Alfalfa	2.11	1.75	1.88	1.19	6.93	104
Vernal	Public	2.16	2.05	1.61	1.04	6.86	103
Rhino	Geertson Seed Farms	2.00	1.82	1.78	1.23	6.83	102
Ranger	Public	2.16	1.98	1.52	1.02	6.68	100
Amerigraze 401+Z	ABI/Americas Alfalfa	2.04	1.79	1.73	1.12	6.66	100
Enhancer	Arrowseed/Dairyland	2.05	1.68	1.74	1.04	6.51	97
Wrangler	Public	2.02	1.71	1.65	1.06	6.43	96
Super 6	Super Seeds	1.95	1.73	1.56	1.15	6.40	96
Feast +EV	Garst/Agripro	2.02	1.76	1.57	0.88	6.23	93
Average		2.14	1.93	1.75	1.16	6.98	104
LDS (0.05)		N.S.	0.39	0.24	0.22	0.76	
CV (%)		10.1	14.1	9.6	13.4	7.7	

*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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(TableTORR00-01.wpd)