

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

		Yield in Tons/Acre Dry Matter*								
Brand/Variety	Origin or Marketer	6-13-03	8-05-03	9-24-03	2003 Total	2002 Total	2001 Total	3-yr Total	3-yr Ave.	% of Ranger
Cooper	Montana State Univ.	2.62	1.68	1.30	5.60	5.80	6.26	17.65	5.88	126
No. 7	Super Seeds	2.60	1.71	1.35	5.66	5.73	6.13	17.53	5.84	125
Shaw	Montana State Univ.	2.14	1.62	1.24	5.00	5.77	6.11	16.89	5.63	121
Innovator +Z	ABI/America's Alfalfa	2.33	1.61	1.24	5.18	5.60	6.06	16.83	5.61	120
Trophy	Geertson Seed	2.35	1.51	1.28	5.14	5.62	5.86	16.61	5.54	119
Baralfa 42IQ	Barenbrug USA	2.23	1.50	1.09	4.82	5.74	6.01	16.57	5.53	118
ZX 9450A	ABI/America's Alfalfa	2.32	1.71	1.35	5.38	5.66	5.42	16.46	5.49	118
Wrangler	Public	2.36	1.45	1.25	5.06	5.54	5.89	16.48	5.49	118
Garst 645 II	Garst Seed Co.	1.99	1.47	1.06	4.52	5.22	6.65	16.40	5.47	117
Baralfa 32IQ	Barenbrug USA	2.52	1.63	1.27	5.42	5.55	5.40	16.37	5.46	117
Magnum V	Dairyland Seed	2.31	1.53	1.31	5.15	5.11	5.82	16.07	5.36	115
Amerigraze 401+Z	ABI/America's Alfalfa	2.20	1.54	1.21	4.95	5.26	5.62	15.82	5.27	113
Super 6	Super Seeds	2.20	1.57	1.40	5.17	5.27	5.34	15.78	5.26	113
Vernal	Public	2.17	1.41	1.10	4.68	4.89	5.66	15.52	5.17	111
Ranger	Public	1.82	1.46	0.92	4.20	4.47	5.35	14.02	4.67	100
Average		2.28	1.56	1.22	5.06	5.42	5.84	16.33	5.44	116
LSD (0.05)		0.32	0.18	0.17	0.45	0.54	N.S.	1.52	0.51	
CV (%)		9.8	8.2	9.9	6.2	7.0	12.1	6.5	6.5	

*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 5-23-00 @ 24 lbs pure live seed per acre after 250 lbs/A of 11-52-0 were soil incorporated. Borders were seeded to Wrangler. 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".

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