

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

Brand/Variety	Origin or Marketer	Yield in Tons/Acre Dry Matter*				
		6-12-01	7-24-01	10-12-01	2001 Total	% of Ranger
Garst 645 II	Garst Seed Co.	2.91	2.38	1.36	6.65	124
Cooper	MSU/Public	2.91	2.07	1.28	6.26	117
No. 7	Super Seeds	2.78	2.08	1.28	6.13	115
Shaw	MSU/Public	2.73	2.14	1.25	6.11	114
Innovator +Z	ABI/America's Alfafla	2.84	2.04	1.17	6.06	113
Baralfa 42IQ	Barenbrug USA	2.92	1.94	1.16	6.01	112
Wrangler	Public	2.76	1.98	1.15	5.89	110
Trophy	Geertson Seed	2.72	1.97	1.17	5.86	110
Magnum V	Dairyland Seed	2.66	2.09	1.07	5.82	109
Vernal	Public	2.54	1.95	1.17	5.66	106
Amerigraze 401+Z	ABI/America's Alfalfa	2.55	1.93	1.14	5.62	105
ZX 9450A	ABI Alfafla	2.41	1.79	1.22	5.42	101
Baralfa 32IQ	Barenbrug USA	2.27	2.04	1.08	5.40	101
Ranger	Public	2.56	1.76	1.02	5.35	100
Super 6	Super Seeds	2.44	1.88	1.02	5.34	100
Average		2.67	2.00	1.17	5.84	109
LSD (0.05)		N.S.	N.S.	N.S.	N.S.	
CV (%)		16.9	14.8	15.0	12.1	

*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 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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