

2007 Irrigated Alfalfa Variety Trial, University of Wyoming Research and Extension Center (SAREC), Lingle, WY.

		6/20/08	7/29/08	9/3/08	08 total	
Variety		DM	DM	DM	Total Yield	%
Name	Source	Ton/A	Ton/A	Ton/A	Ton/A	of Ranger
MagnumVI	Dairyland	2.05	1.59	1.09	4.73	102
Lander	Allied Seed	2.23	1.38	1.05	4.67	101
Ranger	Public	2.00	1.58	1.05	4.63	100
Robin	Blue River Organic	1.91	1.43	1.01	4.36	94
Medalist	Intermountain Farmers	1.89	1.52	0.89	4.30	93
Masterpiece	JR Simplot Co	2.05	1.33	0.89	4.27	92
Integra8300	Wilbur-Ellis Co	1.99	1.31	0.97	4.27	92
444NT	America's Alfalfa	1.88	1.41	0.88	4.18	90
PGI459	Producer's Choice	1.69	1.50	0.92	4.11	89
407TQ	America's Alfalfa	1.83	1.41	0.86	4.10	89
Lariat	JR Simplot Co	1.82	1.33	0.91	4.07	88
Integra8400	Wilbur-Ellis Co	1.68	1.47	0.91	4.06	88
ArcherIII	America's Alfalfa	1.77	1.32	0.83	3.92	85
Vernal	Public	1.75	1.14	1.01	3.91	84
Impressive	UAP	1.61	1.39	0.90	3.90	84
Average		1.88	1.41	0.95	4.23	
LSD		NS	0.27	NS	NS	
CV		15.05	13.31	15.85	8.40	

Dried for 48 hours at 60 degrees C. To convert dry ton per acre to hay at 12% moisture, multiply by 1.136.

Establishment Procedure: Seeded on 5-23-07 @ 18 lbs pure live seed per acre after 180N-40P-0K-20S were soil incorporated.

No herbicides were applied and mowing was used the establishmnet year for weed control. Trial is sprinkler irrigated using a lateral move sprinkler.

Elevation: 4140 ft above sea level; 176 days above 28 degrees F.

Soil Type: Silt Loam

Exp Design : Completely randomized, Four Replications, Yields differing by more than the LSD are different at odds of at least 19 to 1.

An LSD designation of N.S. indicates yield differences were not significant.

2008 management: Plots were harvested three times, Precipitation received 9.64 inches,

Irrigated 10 additional inches through out growing season for a total of 19.64 inches of water.

Cooperators: Randall Violet & Robert Baumgartner(307)754-2223