

2007 Irrigated Sainfoin Variety Trial, University of Wyoming Research and Extension Center, Powell, WY.

		Date of Harvest								
		08/06/07	08/14/07	06/18/08	06/18/08	8/1/08	10/01/08	2yr Ave	2yr total	2yr
Variety	Source	DM Yield	DM basis	DM Yield	DM basis	DM Yield	DM Yield	DM Yield	DM Yield	% of
Name	Source	ton/acre	RFV	ton/acre	RFV	ton/acre	ton/acre	ton/acre	ton/acre	Ranger
Ranger alf	public	1.43	147	3.58	136.8	2.68	1.05	2.19	8.74	100
Shoshone	University WY	0.93	185	3.70	135.0	2.31	0.78	1.93	7.72	88
Remont	Montana State	0.93	196	3.73	144.0	2.17	0.70	1.88	7.54	86
Eski	Montana State	0.83	212	3.78	132.0	2.26	0.65	1.88	7.52	86
Delaney	Montana State	0.93	165	3.19	138.0	2.28	1.12	1.88	7.52	86
Rocky Mt Remont	Don Kyle	0.82	205	3.65	130.0	2.21	0.67	1.84	7.34	84
Ave for Trial		0.89	192.6	3.61	135.8	2.25	0.78	1.88	7.53	
LSD (0.05)		0.29		0.29		0.22	0.21	0.28	0.56	
CV%		20.97		5.21		6.41	6.23	23.44	5.51	

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 6-4-07 @ 40 lbs pure live seed per acre after 200lbs/A of 11-52-0 were soil incorporated.

Borders were seeded to Lander alfalfa. Trial is gravity-flow, flood irrigated.

Elevation: 4365 ft above sea level; 145 days above 28 degrees F.

Soil Type: Clay loam

Exp Design : Randomized complete block design, 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 production: Spring burned to remove litter from previous fall to assist in irrigating. Applied 200lbs/A of 11-52-0 April 1.

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