

2009 Hay Barley Variety Trial - Continuously Cropped – No-till

Hettinger

Variety	Plant Height	Harvest Moisture	Crude Protein	ADF	NDF	TDN	RFV	Yield				
								2007	2008	2009	2 yr	3yr
	inches	%	%	%	%	%		Tons / acre*				
Haybet	29	45	14.7	32	50	66	119	1.60	4.01	3.81	3.91	3.14
Rawson	27	48	12.3	23	46	77	142	1.74	4.71	2.93	3.82	3.13
Tetonia	25	44	14.7	27	44	72	144			4.71		
Lenetah	25	48	12.9	22	48	77	139			4.01		
Trial Mean	26	46	13.6	26	47	73	136	1.67	4.36	3.87	--	--
C.V. %	3.7	14.3	--	--	--	--	--	13.5	12.2	13.2	--	--
LSD .05	1	NS	--	--	--	--	--	NS	NS	0.82	--	--
LSD .01	2	NS	--	--	--	--	--	NS	NS	1.18	--	--

* Forage yields and quality reported on a dry weight basis.

ADF = Acid Detergent Fiber

NDF = Neutral Detergent Fiber

TDN = Total Digestible nutrients

RFV = Relative Feed Value using NFTA guidelines

NS = no statistical difference between varieties

Planting Date: May 6, 2009

Harvest Date: July 21, 2009 (early soft dough)

Seeding Rate: 750,000 live seeds/acre.

Previous Crop: 2006 = hrsw, 2007 = barley, 2008 = oat.

Note: The 2009 trial sustained moderate hail damage.