

2010 Forage Hay Variety Trial - Continuously Cropped – No-till

Hettinger

Variety	Plant Height inches	Harvest Moisture %	Crude Protein %	ADF %	NDF %	TDN %	RFV	Yield ----- ----- Tons / acre* -----				
								2008	2009	2010	2 yr 3yr	
Barley												
Haybet	33	64	11.7	28	58	49	106	4.01	3.81	2.86	3.34	3.56
Tetonia	27	66	10.7	27	56	51	114		4.71	3.90	4.30	
Lenetah	28	64	11.7	26	56	52	114		4.01	3.25	3.63	
Cowboy	37	69	12.0	31	58	44	104			3.90		
Triticale												
Trical 141	50	67	11.2	35	60	62	95			3.46		
Merlin	39	64	13.6	30	53	68	114			2.73		
Trial Mean	36	66	--	--	--	--	--	--	3.87	3.35	--	--
C.V. %	3.3	3.9	--	--	--	--	--	--	13.2	6.9	--	--
LSD .05	2	4	--	--	--	--	--	--	0.82	0.35	--	--
LSD .01	3	NS	--	--	--	--	--	--	1.18	0.48	--	--

* 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: April 27, 2010

Harvest Date: July 23, 2010 (milk stage).

Seeding Rate: 750,000 live seeds/acre.

Previous Crop: 2007 = barley, 2008 = oat, 2009 = hrsw.

Note: The 2009 trial sustained moderate hail damage.