

2007 Hay Barley Variety Trial - Continuously Cropped – No-till

Hettinger

Variety	Days to Head	Plant Height inches	Lodging 0-9*	Harvest Moisture %	Crude Protein %	ADF %	NDF %	TDN %	RFV	Yield ----- ----- Tons / acre** -----				
										2005	2006	2007	2 yr	3yr
Stockford	66	40	1.2	81	15.9	32	51	66	116	3.97	2.33	1.86	2.10	2.72
Haybet	64	37	3.8	75	13.9	33	59	65	99	3.65	2.33	1.60	1.96	2.53
Westford	69	38	1.0	80	15.6	32	56	67	107	2.25	2.21	1.65	1.93	2.04
Bestford	66	38	1.8	83	15.0	34	57	64	103	2.44	2.03	1.00	1.52	1.82
Drummond	61	41	2.8	79	12.5	29	53	70	117		1.93	1.67	1.80	
Rawson	61	41	0.8	81	13.2	32	52	66	116			1.74		
Trial Mean	65	40	1.3	80	14.4	33	56	65	107	3.09	2.17	1.67	--	--
C.V. %	1.2	4.0	96.4	3.5	--	--	--	--	--	13.8	7.8	13.5	--	--
LSD .05	1	2	1.8	NS	--	--	--	--	--	0.63	0.26	0.33	--	--
LSD .01	2	3	2.4	NS	--	--	--	--	--	0.85	NS	0.44	--	--

* Lodging: 0 = none, 9 = lying flat on ground.
 ** Forage yields reported on a dry matter (DM) 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 18, 2007
 Harvest Date: July 3, 2007 (late milk)
 Seeding Rate: 750,000 live seeds/acre.
 Previous Crop: 2004 & 2005 = soybean, 2006 = hrsw.