



Dr. Heather Darby, UVM Extension Agronomist
Bryn Walker and Hillary Emick
UVM Extension Crops and Soils Technicians
802-524-6501

Visit us on the web: <http://www.uvm.edu/nwcrops>

Dr. Heather Darby, University of Vermont Extension
heather.darby[at]uvm.edu

With the revival of the small grains industry in the Northeast and the strength of the locavore movement, craft breweries and distilleries have expressed an interest in sourcing local barley for malting. Malting barley must meet specific quality characteri

Variations in yield and quality can occur because of variations in genetics, soil, weather, and other growing conditions. Statistical analysis makes it possible to determine whether a difference among varieties is real or whether it might have occurred due to other variations in the field. At the bottom of each table a LSD value is presented for each variable (e.g. yield). Least Significant Differences at the 10% level of probability are shown. Where the difference between two varieties within a column is e

other varieties: ND Genesis, Esma, Explorer, and KWS Kellie. Revanche had the highest rate of lodging and the lowest yield.

Variety	Height	Lodging	Yield at 13.5% moisture	Harvest moisture	Test weight
	cm	%	lbs ac ³		

Variety	Protein at 12% moisture	Starch	Falling number	Germination	Plumpness	DON
	%	%	seconds	%	%	ppm
AAC Connect	9.20	56.6	208	94.0		
Esma	8.41	57.3* [†]	260	97.0*		
Excelsior Gold	9.55	56.0	256	94.0		
Explorer	8.80	57.0*	247	98.0*		
Firefox	8.91	56.4	224	90.5		
Klarinette	8.52	57.4*	319*	95.3		
KWS Fantex	8.11	57.4*		96.8*		
KWS Jessie	8.27		294*	97.0*		
KWS Kellie	8.68	57.1*	282*	96.3*		
KWS Willis	8.57	57.1*	323*	95.8		
ND Genesis	8.97	56.6	245	94.5		
Newdale	9.16	56.6	276	96.3*		
Pinnacle	8.59	56.8	241	91.		
Quest		55.5	335*			
Revanche	8.37	57.3*	293*			

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*WXO 'Gzvgpukqp'j grru'kpf kckf wcnu'cpf "eqo o wplkku'rww'tgugctej /dcugf
npqy rgfi g'vq'y qt n0'*



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