



Cereal Update: Atlantic Barley

Renwood Farms has produced the new **Atlantic** barley and seed is available for Fall, 2012 plantings. **Atlantic** barley is a hulled barley released from the Virginia Tech small grains breeding program.

Atlantic was bred as a replacement for “Thoroughbred”, a popular variety that has high yield potential but has also provided some disappointment primarily due to Thoroughbred’s limited disease resistance, especially to powdery mildew, barley scald and spot blotch. Thoroughbred appears to be very sensitive to manganese deficiency.

Atlantic averaged 131 bu. /acre high yields in 2011 in the VT OVT in Warsaw and Orange, VA and was five bu. /acre higher than Thoroughbred at Painter, VA.

Atlantic has an average heading date about six days earlier, is shorter (33”) and lodges less than Thoroughbred. **Atlantic** test weight is slightly lower than Thoroughbred. **Atlantic** has better resistance to leaf rust and much better resistance to powdery mildew.



Atlantic Barley in 2012



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2011 VT OVT: Combined Data from Orange and Warsaw, VA

Variety	Yield (Bu. /A)	Test Weight (lb. /Bu.)	Lodging Score (1 = none)
Atlantic	131	45	4.0
Nomini	131	45	3.0
Thoroughbred	127	46	5.0
Barsoy	126	46	4.5
Price	121	45	3.5
Callao	121	45	7.5
Wysor	119	44	6.0

Vizor Five Cereal Seed Treatment

Planting **Atlantic** barley with **Vizor Five** seed treatment is the first step to higher yields in 2013. **Vizor Five** seed treatment, available only from Renwood Farms, has three different fungicide seed treatments

and contains higher rates of these fungicides than other available treatments. These fungicides stop the diseases associated with warm **and** cool soil temperatures so growers can plant when the fields are ready.

Vizor Five seed treatment contains a pop-up fertilizer, mainly zinc and copper, to get plants off to a great start. **Vizor Five** provides protection from fall aphids which transmit Barley Yellow Dwarf Virus and soil insects like wireworms and grubs which are more prevalent when planting in early to mid-October.