



## Cereal Update: Visor Seed Treatment

Based on diseases we observed in 2010, Renwood Farms developed a seed treatment (**Visor**) to protect wheat and barley seedlings in cool and warm soils.

“Standard” cereal seed treatments have two problems: they are designed primarily to control diseases found in cool soils and they have a short half-life.

Soil temperatures warmer than 55°F to 60°F create an environment for diseases to attack plant roots. **These disease are different than ones infecting cereals in cool soils.** These diseases can infect anytime from emergence through the end of tillering. Infections can be unnoticed until elongation occurs in the late winter/early spring.

**Visor** has three fungicides at rates significantly different from standard cereal seed treatments which only have two. It controls cool and warm soil diseases.

As of today, the **Visor**-treat barley shown (top photo) has 33% more tillers than the barley treated with a standard treatment (bottom photo). Both fields were planted the same day in adjacent fields.

On the next page, the wheat roots and top growth are clearly more developed where the **Visor** was used.

Producing and protecting roots means healthier plants which are more efficient in moisture and nutrient utilization, reduces weed competition and produces a nutritionally balanced plant which provides better disease and insect protection. So far, so good.

01/06/11: Caroline Co., VA: no-till, 24 seeds/ft  
Thoroughbred barley with **Visor**



01/06/11: Caroline Co., VA: no-till, 24 seeds/ft.  
Thoroughbred barley with standard treatment

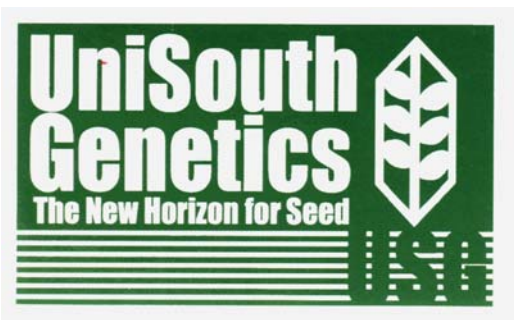




# 2011 Cereal Newsletter

## Renwood Farm Seeds

Ted Schuld  
6158 Westhaven Dr.  
Mechanicsville, VA 23111  
Cell: (804) 822-0014  
E-mail: tedschuld@gmail.com



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Robeson Co., NC: *Visor* treated wheat on left compared to untreated on right. Wheat was planted on the same day in the same field with the same variety.