



P.O. Box 4812

Greenville, MS 38704

877-594-1500

www.seedcoat.com

**DeltAg Product Brief**

February 12, 2013

## Impact Wheat Health Now!

**Healthy-Active Roots Means Healthy Plants and Higher Yields:** Wheat fields will soon be coming out of dormancy and vigor in the first days of growth will be critical in determining the overall potential of this crop. Many areas across the country have suffered from a very wet winter resulting in water-logged soils that will, no doubt, impact early root activity, growth and tillering. Water-logged soil means less oxygen, poor aeration, reduced root activity, less nutrient uptake, poor tillering and slow growth.

We have seen this situation many times across the mid-south and we all know that wheat likes dry feet. I can even remember one five year study that showed a 10% yield increase when wheat in the mid-south was planted on shallow beds instead of flat. It was eventually determined that the yield increase came from simply improving drainage around the wheat root system.

**Apply *PercPlus* as Wheat Begins to Grow:** At *DeltAg*, we highly recommend a foliar application of *PercPlus* at 24 ounces per acre as quickly as possible following these water-logged conditions. *PercPlus* is applied with many different pesticides but always check for compatibility before any large scale tank-mixing.

**Healthy Wheat on Well Drained Soils:** If your wheat does not fit the above criteria and Fall Tillering has been favorable, we recommend the application of *DeltAg CropKarb* at 32 ounces per acre as a foliar (may be applied with most pesticides). *CropKarb* is a combination of *PercPlus* (above) along with our *Boron Plus* and a significant dose of *DeltAg Potassium Plus*.

**Liquid Nitrogen & DeltAg Sulfur Plus:** Late winter and early spring applications of liquid nitrogen, while a good practice for nitrogen efficiency, can and has been observed at times to create leaf burn to tender young wheat. This damage, while temporary, can cause a set back or delay in crop development. Also, on cold and/or wet soils, sulfur availability can be hampered causing nitrogen to work less efficiently. That being said, *Sulfur Plus* from *DeltAg* is designed to help the organic or residual sulfur that is in our soils. The addition of *Sulfur Plus* at 32 ounces per acre to liquid nitrogen applications over wheat has also been shown to be very beneficial.

**Apply *CropKarb* at Flag Leaf or Early Heading:** As your wheat begins to head there is a big demand for ample potassium for filling out and sizing the grain. *CropKarb* applied at this time has been shown to significantly increase yields at the 32 ounce per acre rate.

From our experience and that of many growers that utilize *DeltAg* products, there is no doubt we can have a positive impact on final yields on our wheat crops, especially where there has been undue stress due to water-logged conditions.

For more information or to receive *DeltAg Product Briefs*,  
email us at [info@seedcoat.com](mailto:info@seedcoat.com) or call 877-594-1500 [www.seedcoat.com](http://www.seedcoat.com)