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**DeltAg**  
Improving Plant Performance



P.O. Box 4812

Greenville, MS 38704

877-594-1500

[www.seedcoat.com](http://www.seedcoat.com)

## Hot & Dry down South... ...Cold & Wet up North

**DeltAg Product Brief**

**June 10, 2011**

With the worries we have had in the Delta with high river water on our protective levees, tasseling corn soaked from seep-water, young soybeans in standing seep water, deer from behind the levee eating every soybean they can find, drought stricken and stunted soybeans and corn in other areas away from high water with no relief in sight, Midwestern fields still too wet to plant, flood projected to cover beautiful crops in northern Missouri, too dry to plant in southern Alabama and Georgia and reports of chemical damaged crops coming in from all over.....what on earth could I write about?

Did I leave anything out? Don't get me wrong, I have to work at realizing that my cup is always half full. When I see the devastation by tornadoes and the severity of floods to homes and crops, I am reminded of just how truly Blessed we are. Some folks in agriculture have referred to this spring as the 'Perfect Storm'. No matter how bad it gets, we can look around and realize that it could be worse. Let's make the best of this situation. At the end of the day, we need to know that we did all we could to help produce healthy crops. In most of these situations, we should place our emphasis on improved Plant Health.

**Seep-Water Corn and Nitrogen:** At DeltAg, we have been busy working with growers up and down the Mississippi River that have had tasseling corn standing in 5 to 10 inches of seep water for a month and ironically, the corn still looks fairly good, has pollinated and grain is developing. Now, with the water receding, the question is about nitrogen; How much is remaining? How much was lost? How much more should we apply? Frankly, no one knows. Our position has been to look at how much nitrogen the crop still has time to utilize and find a way to supplement without risking too much nitrogen too late. Dry fertilizer applied this late will be dependent on moisture and efficient conversion to be available to help a crop that needs it now and not so much three weeks from now and certainly does not need too much. We are recommending foliar urea nitrogen at two to three gallons per acre in five gallon total volume and suggesting this be done two to three times over seven day intervals. This should furnish some 5 to 7 units of foliar N per week and aid in finishing out the grain. We are also suggesting the addition of some 10 to 12 ounces of *Perceplus* per acre in this heat. I also feel obligated to say that there are other N-P-K liquids in the market place that are not suited to this application and growers should use caution in deciding to apply a more expensive liquid that 'might' put their crop at risk of excess foliar burn.

**Healthy-Tasseling Corn:** Where conditions are good or corn is irrigated, we are standing by a proven practice of applying *DeltAg CropKarb* at 32 ounces per acre at tasseling to improve overall quality and yield. This is often applied at the same time as fungicides.

**Stunted Soybeans:** There is no doubt that we should be applying *Perceplus* to get them growing, blooming and back on track.

**Healthy Soybeans with Ample Moisture:** Past glyphosate or overhead herbicides tank-mixed with *Perceplus*, our next trip will most likely be a fungicide application. Here, we recommend *CropKarb* at 32 Oz/acre. Another option is to apply *Boron Plus* at 4 to 6 ounces.

**Crops with obvious stress** or damage from chemical drift should be treated with *Perceplus* and if damage or drift is caught early enough, *Calcium Plus* may be added. Add *Calcium Plus* after total water volume.

**Seedling Soybeans with Chlorosis:** Should you experience fields with possible glyphosate issues, *Manganese Plus* on the damaged or discolored areas will be a good practice and has been shown to increase yields by some six bushels or more when this condition appears after glyphosate applications.

We have experienced issues this season with everything from watermelons to strawberries as well as field crops. If you feel we can help with issues in your crops, please give us a call or email. What a Year!

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