



P.O. Box 4812

Greenville, MS 38704

877-594-1500

www.seedcoat.com

**DeltAg Product Brief**

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## When is it Too Late to Help These Crops?

The past several weeks and for some folks, the past couple of months have been extremely tough. The weather has not cooperated. Some have experienced extreme heat and drought while others are getting too much rain. The question that seems to come up daily around *DeltAg*..... What can we do now.... this late..... to help increase yields? Let's look at a couple of situations.

**R-4 to R-5 Heavily Fruited Soybeans with Decent Moisture:** There is no doubt the more fruit that is set on a plant, the harder it is to maintain, fill-out and mature all the fruit. That being said, this is the perfect opportunity to take advantage of a well set crop and make it really pay off. We know we need to keep the root system active but we also need to keep the plant fruiting. This is best done by keeping the plant from shedding and at the same time working to size the older fruit. This is a great opportunity to take advantage of *CropKarb* from *DeltAg*. A standard application of one quart of *CropKarb* contains the equivalent of 16 ounces of *PercPlus* 3.2 ounces of *Boron Plus* and 28 ounces of *Potassium Plus*. In the past two seasons growers in the Mid-South and the upper Mid-west have experienced very pleasing results late season when applying 32 ounces of *CropKarb* in each of two applications spread over ten to fourteen days. Give it a try!

**Late R-5 to R-6 Soybeans and Dry Conditions:** We often have a very healthy and well fruited crop that has all but quit booming, and there is concern over whether there is enough moisture to "finish" the crop. In these cases we can dig in the soil to try and find any remnants of decent moisture. Even this late and with a slight amount of moisture at five to seven inches deep, we have had very good luck with *PercPlus*. So how or what are we trying to do? All plants have roots that are dying daily and new roots developing. In a drought, however, there are more dying than being generated... end result... less roots and less root growth and intake. When there is more fruit to be sized and a larger plant to support, naturally more water is needed. Soil moisture evaporates from the surface or is slowly absorbed and moves down through our soils into the subsoil. So, in the case of limited moisture, the reality is that the existing crop roots have sucked up all the moisture that they have come in contact with and the only way to get to any remaining moisture is to try and generate new roots that can reach out to new areas where that moisture is still available. **Bottom Line:** We have found that a good stiff dose of *PercPlus* (32 Oz/acre) can help. Frankly, in soybeans we have seen, in strip-trials, as much as a 10% increase with this late season-dry weather application. While we recognize this to be an extra trip, we have seen a very good pay off from this 'last stab' approach.

**Summary:** Simply put, if you are still blooming with high yield potential and feel you can still set and size more fruit, apply 32 ounces of *CropKarb*. Two applications of *CropKarb* have often shown twice the result when there is enough time remaining in the crop for both. However, if the crop has all but finished blooming and moisture is limited but not absent, apply one quart of *PercPlus* to help finish the crop.

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