



P.O. Box 4812

Greenville, MS 38704

877-594-1500

www.seedcoat.com

DeltAg Product Brief

June 6, 2012

Dealing with Damaged Crops

Torrential Rains...Herbicides...Salt...Insects...Disease...Hail

Up until some seven to ten days ago, I felt our crops overall, across the Eastern U.S. and Canada were in as good a shape as I can remember. However, while some areas still desperately need rain, we've had extremely heavy rains in the Carolinas, squall fronts across parts of the Ohio Valley and severe storms tracking across the southeast.

Now we find ourselves dealing with herbicide injury, severe insect damage, salt damage, leaf diseases in several crops and last but not least....hail damage on anything from seedling cotton or soybeans to corn as old as V10 and even VT.

Reality Check: In my experience, with 80% damage we have a 20% chance of recovery and with 20% damage...an 80% chance of recovery, 50-50 and so forth. While DeltAg has had higher percent success than this, we are very careful about spending a grower's money on a "Hope and a Prayer" that we might help. After an honest assessment of the severity has been made in the field, we must evaluate recovery conditions. We typically ask: How much moisture is under the crop or what type irrigation do we have access to? How long has the damage been observed or when did it occur? Is there enough time in the growing season, assuming recovery, to finish out the crop? What will it cost and for what result?

Simply put, **"What can we apply, at what cost to the grower ... and is it worth it?"**

At DeltAg, we utilize different products for different situations. While these applications are basic for dealing with crop damage issues, there are other applications, combinations and scheduling patterns that have been or could be used.

Roots: *PercPlus* at 16-24 Oz/acre - possible twice in 5-7 days.

Terminal-growing point: *Boron Plus* at 6 Oz/acre and possible twice over 10 days.

Foliage Damage: *PercPlus* at 24 Oz, applied twice over 5-7 days

Foliage Destroyed: With adequate moisture, wait 7 days for a healthy leaf....Then apply *PercPlus* and *Boron Plus* (above).

Recent or Anticipated Foliage Damage: (in past 2 to 5 days) Add *Calcium Plus* @ 32 Oz to the *PercPlus* application.

Vegetative Crop when should be Reproductive: *Boron Plus* at 6 Oz/acre and possible twice over 10 days.

Note: Why or When Calcium Plus? With foliar damage, plant cells are ruptured and additional cells will continue to rupture.

Treatments for Specific Damage:

From Hormones: *PercPlus* and *Boron Plus*...Add *Calcium Plus* if within a week or less of actual damage.

From Salt: *PercPlus* & *Calcium Plus* and then, if recovery is observed, follow-up with *PercPlus* & *MicroVite* @ 32 Oz.

From Hail: With 30% of foliage in-tact: *PercPlus* and *Boron Plus* ASAP or WAIT for new, healthy foliage to develop.

From Herbicides: Use *PercPlus*, add *Calcium Plus* if quick enough behind occurrence.

DO NOT apply additional herbicides until crop has begun to recover

NOTE: There are many new products claiming to 'Heat Up' herbicides as well 'Safeners'. Simply put, *PercPlus* has been used and demonstrated over many years and many times. *"An ounce of prevention is worth a pound of cure."*

Finally, the above information is designed as Guidelines and are not considered to be Rules. Please know that when DeltAg is involved, we will do everything economically possible to get the best results. Sometimes, our approach may be some combination of the above. While we prefer the DeltAg products be used routinely on crops rather than to overcome some sort of issue, the reality is ... these products were originally developed for these type situations and have been proven beneficial for years. If you feel DeltAg can help in any way, please contact us, email a photo and your contact information and let DeltAg show you what we can do....or tell you the truth....if we feel we can not help improve that crop's health.

Remember: *"It's not what you put out, but what gets in the plant.....that counts!"*

For more information or to receive **DeltAg Product Briefs**,
send an email to info@deltagformulations.com or call 877-594-1500 www.seedcoat.com