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Feed to Fill with Late Season Foliars

Our crops have encountered many stresses this year: wet planting season, early season dry conditions, an extreme Heat Wave, insect/disease pressure, and a myriad of other challenges. Many growers have worked hard to mitigate the effects of these stressful conditions by ensuring an effective fertility program enhanced with biologicals is in place.....but ***don't stop yet!***

Even though many crops are now past their critical growth stages, they are now in yet another vital stage, the reproductive stage. At these stages, plants can be even more susceptible to insects, disease, and nutrient deficiencies. If there are not ample nutrients available, the plant can run empty and starve. This can result in poor pollination, production, fill, and quality.....and more susceptible to weather, pests, and disease. This all translates to lower yields and lower profits.

Since the plant is done growing, most plants are now putting ***all*** their energy into producing and filling out their produce. The plant will now transfer and extract any nutrients that have stored up in the roots, stalk, and foliage. Many crops, such as corn, will start to "Cannibalize" if deficient in nutrients. It is essential to feed your plants hunger to get it through the end of its reproductive stage to fill out its crop, maximize quality, and enhance yield. You also need to ensure your crop isn't scavenged by insects or succumbs to disease.

So what can you do to ensure your profits aren't Cannibalized?

1. **Be Proactive:** Have an effective Fertility Program in place to provide enough nutrients and biological activity to prevent your crop from starving for nutrients. This can also mitigate insect and disease pressure.

2. **Scout the Field:** Check for insect or disease pressure, as well as overall plant health.
3. **Plant Tissue Analysis:** Check the nutrient status to help diagnose potential deficiencies or issues. When signs are visible, it has likely already reduced yield potential and should be addressed *immediately* to rescue your crop.
 - a. Crops may demand different nutrients in their reproductive stages: for example, Soybeans may greatly benefit from a late season foliar blend of **MVP, Potassium, Manganese & other Traces**.
4. **Foliar Applications:** If applied in ample time, you can help rescue your plant, or enhance a good crop through foliar feeding.

In prior Groundwork articles, we've covered many principles, practices, timing, and product considerations when you Foliar Feed the Hunger to reap a good harvest. You can view all the previous Groundworks [HERE](#).

Now let's take a look at some Bio Pesticides and Adjuvants that are not toxic to your plant & have proven performance for insect & disease control:

Organic Pesticides:

- [OroBoost](#) – A mild fungicide, as well as a adjuvant penetrant for improving intake of foliars. Also, a great emulsifier for oils like Neem.
- [EcoTec Plus](#) – A Botanical for use against soft bodied insects, flies, beetles and aphids. Best when mixed with adjuvant such as OroBoost.
- [Neem Oil](#) – Effective against many pests, also serves as a stomach-ingestion product for use against defoliating pests such as Japanese Beetles.
- [Bac Stop](#) – Formulated to target a variety of bacterial pathogens such as Leaf Speck, Blight and Goss's wilt.
- [Bio Repel](#) – Repels soft-bodied flying insects such as Aphids & Leaf Hoppers.
- [EF-400 or Thyme Guard](#) – Botanical Fungicide to treat numerous diseases.

There are many more products available that may better suit your needs, contact us to discuss the proper product to address any stressors your crop may be experiencing.

Don't forget, No foliar recipe is complete until you make it **ALIVE!** We recommend you add [MVP](#) with almost every mix. You have worked so hard to get the crop this far, so make sure you take action to get your crop across the finish line!

Consult your [AgriEnergy](#) representative to assist with developing a late season foliar or pest/disease management program tailored to your specific needs. Your crop is investing all of its energy into producing a good crop; *the questions is, **will you give it your all to promote a plentiful harvest?***

Let us help you determine the best mix to take your crop to the next level!

Additional Information can be found on our website by clicking the below links:

[Products](#)

[Literature](#)

[Video Series - Biological Farming](#)

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