



# THE DIRT!

SOILBIOTICS COMPANY E-NEWSLETTER

July 2024

## Humic Substances Help Control Disease

Humic substances can help reduce the need for fungicide applications through a process called Enzyme Stabilization. The enzyme stabilization process helps to restrict the activity of potentially harmful plant pathogens present in the soil. As the plant pathogen releases enzymes designed to break down the plant defenses, the enzymes become bound to the humic substances. Once stabilized and bound to the humic substances, enzyme activity is greatly reduced or ceases to function. As a result, the pathogens are unable to invade potential host plants.

## AUGUST Beans

Foliar applications of humic products can be timed to meet the needs of specific plant growth requirements such as to activate vegetative growth, flowering, grain filling and plant health. Timely foliar application of SoilBiotics **Growth Supplement 30** (conventional) has shown great results when applied between the R3 and R6 growth stages. This will help provide greater pod retention, pod fill and build test weight.

## End of Summer Show Time!

Coming up in August are some great opportunities to see the latest and greatest in farm equipment, crop inputs, and just generally have a good time. So, get out there and take a look at the events in your area of the county. Here's just a small sample of upcoming events:

- **Minnesota FarmFest, Morgan MN, Aug 6-8, info at <https://www.ideaggroup.com/farmfest>**
- **DakotaFest, Mitchell SD, Aug 20-22, info at <https://www.ideaggroup.com/dakotafest>**
- **AG DAY at Illinois State Fair, Springfield IL, Aug 9, (Keith Urban headlines the grandstand program). Info at <https://statefair.illinois.gov/info/schedules/agriculture.html>**
- **PRO FARMER TOURS – Aug 19-22. Various locations, info at <https://events.farmjournal.com/pro-farmer-crop-tour-2024>**
- **Farm Progress Show, Boone IA, Aug 27-29, info at <https://www.farmprogressshow.com/en/home.html>**

## Rooted in Organic Podcast

SoilBiotics is sponsoring the **Rooted In Organic** podcast. This is a farmer-to-farmer podcast, and you can pick up a lot of terrific tips from fellow farmers. Visit their website and listen to the current and archived podcasts at <https://www.rootedinorganic.com>.

