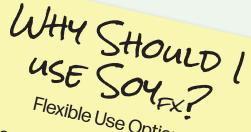


# For Use On: Soybeans

 $\mathsf{Soy}_{\mathsf{fx}}^{\ \ \mathsf{TM}}$  is a specific/unique combination of identified and tested microbials that elicit a positive crop response. Soy,™ unlocks the plant's ability to produce growth regulators and metabolites that enhance production through biosynthetic pathway efficiencies.



Increased Branching, Pods & Nods Efficacy After Hail Event

Plant Stress Mitigation & Reduced Ethylene Production

= INCREASED YIELD POTENTIAL

Planted soybeans treated with Soy<sub>fx</sub> this year and averaged 94.5 bushel across a field. This was calculated off of load slips. Yield monitor had as high as 106 bu very happy and have never had soybeans yield like this on this farm.

-Steve Machkovich | Green Lake, WI

## How Does Soy<sub>fx</sub> Increase **Branching?**

Microbes contained within Soy<sub>fx</sub> manipulate the plant into activating the lower axillary buds into developing branches.

## **Increased Pods**

- Additional branching and less aborted flowers/pods helps support higher pod counts.
- We sampled 145 Soy<sub>fx</sub> treated plants compared to 145 non-treated plants from the same field
- 28% increase in pod count with the Soy<sub>fx</sub> treated plants

#### **Increased Nodulation**

- Facilitative anaerobic bacteria support the production of nodules in upper inch of soil
- Independent research documented a 23% increase in nodulation with Soy<sub>fx</sub>
- Nodules fix Nitrogen into a form usable by plants

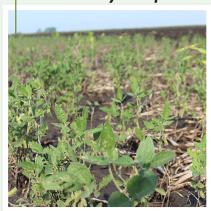
### **Efficacy after Hail Event**

- Microbes within Soy<sub>fx</sub> trigger regrowth at point of breakage rather than relying on lower axillary buds
- Soy<sub>fx</sub> allows for a quicker, more aggressive recovery from a hailstorm resulting in lower yield loss

## Soy<sub>fx</sub> treated soybean plants



Untreated soybean plants



Photos taken approximately 1 ½ months after hailstorm.

## Branches, Pods, & Nods



with Sov,

with Sov<sub>€</sub>

To learn more, visit yieldmastersolutions.com

