

# Soy<sub>fx</sub>™



untreated

Soy<sub>fx</sub>™

## Branches, Pods, & Nodulation

**11% MORE BRANCHES**  
with Soy<sub>fx</sub>

**28% MORE PODS PER PLANT**  
with Soy<sub>fx</sub>

**23% INCREASE IN NODULATION**  
with Soy<sub>fx</sub>

### 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

## For Use On: Soybeans

Soy<sub>fx</sub>™ is a specific/unique combination of identified and tested microbials that elicit a positive crop response. Soy<sub>fx</sub>™ unlocks the plant's ability to produce growth regulators and metabolites that enhance production through biosynthetic pathway efficiencies.

### BENEFITS

- Flexible Use Options
- Increased Branching, Pods & Nodes
- Efficacy After Hail Event
- Plant Stress Mitigation & Reduced Ethylene Production

### APPLICATION RATES

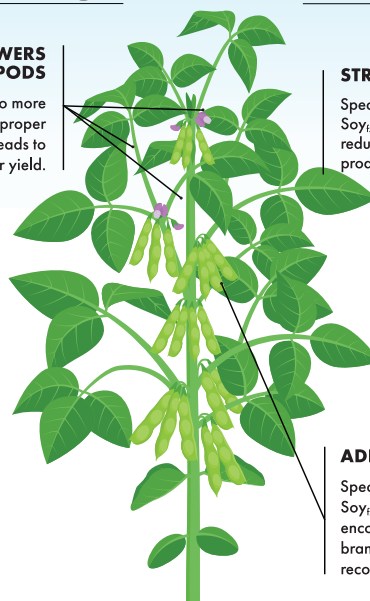
- **Seed:** 1 fl. oz. per 50 lbs. Can be applied alone or in combination with other seed treatments.
- **In Furrow:** 16 fl. oz. per acre and minimum of 5 gpa total volume.
- **Foliar:** 16 fl. oz. per acre with 10 to 20 gallons water. May be tank mixed with other products. Early vegetative application (V2-V4) would be ideal.
- **Guaranteed Analysis**
- **Non-plant Food**  

Bacillus megaterium .....	1x10 <sup>5</sup> CFU/ml
Bacillus pumilus .....	1x10 <sup>2</sup> CFU/ml
- Microorganisms exempt from CFR requirements ..... 40 CFR 725
- **Packaging:** 4x120 oz. jugs (seed applied), 2x2.5 gallon jugs (in furrow and foliar), 275 gallon bulk shuttles (in furrow and foliar)

## IMPACT on the PLANT

**INCREASED FLOWERS & PODS**  
Additional branching leads to more flowers and pods. With proper moisture and fertility this leads to higher yield.

**STRESS MITIGATION**  
Specific strains of microbes within Soy<sub>fx</sub> modulate pH throughout the day reducing plant stress and ethylene production.



**ADDITIONAL BRANCHING**  
Specially identified microbes within Soy<sub>fx</sub> activate the lower axillary buds encouraging the development of more branches. This attribute also aids in recovery after a hail event.

**INCREASED NODULATION**  
Facultative anaerobic bacteria (bacteria that can survive without oxygen) promote and support the production of increased nodulation.

\* Read and follow all labeled instructions

