

STIMULATE is a highly concentrated microbial formulation of beneficial microorganisms selected to convert unavailable nutrients to usable forms that work together to improve soil and plants. STIMULATE gives similar results when applied to the soil, foliage, and seed of any plant species. STIMULATE works throughout the season to increase yield potential.

- **STIMULATE** microorganisms convert unavailable soil nutrients to available form throughout the growing season.
- **STIMULATE** does not contain any genetically modified or pathogenic microorganisms.
- **STIMULATE** can be applied anytime during the season in fertilizer solutions or used in tank-mixtures with any product.
- **STIMULATE** can substitute for the water carrier in seed treatment mixtures.
- Use **STIMULATE** on any crop, turf or roadside species at 8 to 16 oz/A at planting or broadcast to the soil; 6 to 8 oz/A as a foliar application; or 0.5 to 6 oz/100 lb as a seed treatment.











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# **The Next Generation Biological**

- **STIMULATE** microbes are specifically selected to enhance the soil and plants;
- Microbes convert organic N into more available from;
- Microbes increase uptake of soil nutrients; and
- Microbes produce food for the other microbes.

# STIMULATE<sup>™</sup> 5 Year Study

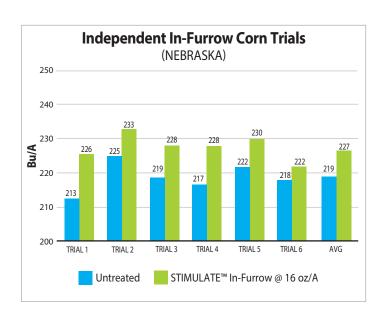
### 2021 Ag Products Research Summary, West Chester, OH

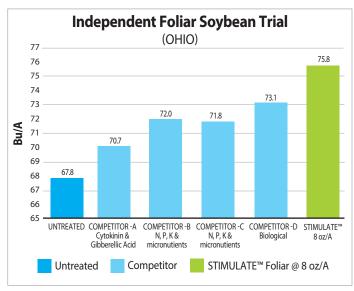
Corn Foliar 5 Year Average Increase												
Treatment	Rate/Ac	<u>Timing</u>	2017 Avg. Increase Bu/Ac	2018 Avg. Increase Bu/Ac	2019 Avg. Increase Bu/Ac	2020 Avg. Increase Bu/Ac	2021 Avg. Increase Bu/Ac	<u>5 Yr</u> Avg. Increase Bu/Ac				
Microblitz	2.0 qt	V6-V7	-1.54	15.91	-6.52	4.40	5.49	3.55				
B Sure	1.0 pt	V6-V7	6.78	15.67	15.42	-7.06	7.98	7.76				
Ascend	6.0 oz	V6-V7	6.34	22.71	5.5	9.24	N/A	N/A				
Stimulate	8.0 oz	V6-V7	-3.01	21.16	17.72	6.19	7.14	9.84				

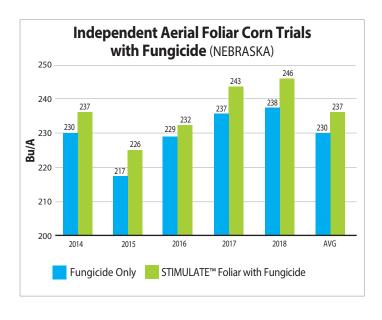
Soybean Foliar 5 Year Average Increase												
Treatment	Rate/Ac	<u>Timing</u>	2017 Avg. Increase Bu/Ac	2018 Avg. Increase Bu/Ac	2019 Avg. Increase Bu/Ac	2020 Avg. Increase Bu/Ac	2021 Avg. Increase Bu/Ac	<u>5 Yr</u> Avg. Increase Bu/Ac				
Microblitz	2.0 qt	V6-V7	1.26	1.30	3.1	1.38	1.56	1.72				
B Sure	1.0 pt	V6-V7	-1.14	0.60	0.54	4.98	3.38	1.67				
Ascend	6.0 oz	V6-V7	0.67	0.53	0.02	3.20	N/A	N/A				
Stimulate	8.0 oz	V6-V7	1.24	2.14	-1.9	4.26	7.08	2.56				
ENC	1.0 qt	V6-V7	0.14	-1.21	0.04	0.94	N/A	N/A				

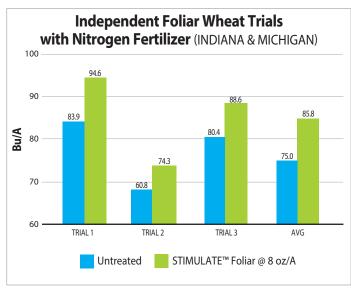


## **Field Trial Results**



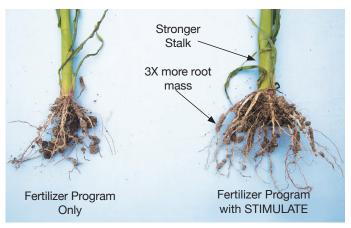








## **Field Results**



In-furrow application with 5 gal 10-34-0. 300# 6-15-40 preemergence and 60 GPA 28% UAN side-dress.



In-furrow application with 5 gal 9-18-9. 20 GPA 28% UAN preemergence and 40 GPA 28% UAN side-dress.







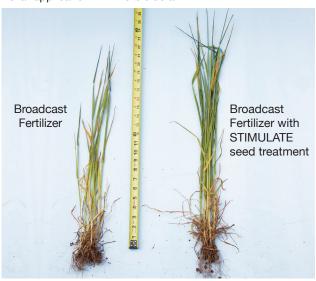




Issue with hardpan at 6" depth. Stimulate applied with herbicide at V4. Photos taken 10 days after treatment.



Foliar application with herbicide at V4.



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