



## Frenzy BioTech Antioxidant Enzyme

- BioTech – enzyme produced by a bacterium
- ROS scavenger - Protects mitochondria against (ROS) reactive oxidative stress
- 100 times more efficient at combatting stress than isoflavinoids

### What is ROS?

ROS = Reactive Oxygen Species

1. ROS is produced when a plant is under stress.
2. ROS negatively affects mitochondria and chloroplasts.
3. ROS causes damage to plant cells.

## What is Frenzy?

Frenzy is scientifically known to positively effect mitochondria. Mitochondria produce energy within cells. Frenzy is a unique enzyme produced by a beneficial bacteria. This enzyme has been removed from the bacteria and concentrated to increase the response and benefit to the plant and to improve tank mix compatibilities. Frenzy is a biotechnology that is a proven enzyme for helping plants withstand and recover from stress, while increasing nutrient efficiency. Frenzy is very effective under heat and drought stress in row crops and vegetable production.

## ECONOMIC BENEFITS

### Frenzy on Corn

- +8.7 bpa
- 97% win rate
- 3.7% yield increase
- 4.6:1 ROI
- +\$32/acre net profit @ \$5/bu

### Frenzy on Soybeans

- +2.23 bpa
- 95% win rate
- 3.4% yield increase
- 2.6:1 ROI
- +\$17.75 acre net profit/acre @ \$13/bu

Results are from 3 years of field trials in 11 states

## OPERATIONAL BENEFITS

- Foliar and in furrow application
- Can be used on all crops
- Tank mix compatible with herbicides, fungicides, liquid fertilizer, insecticides
  - Always perform a jar test
- Can be applied at any growth stage foliar
- Low 16 fl/oz rate per acre
  - **Foliar** - 16 oz per acre with 10-20 gal of water
  - **In furrow** – 16 oz per acre with minimum of 3 gallons of liquid carrier
- Convenient package sizes
  - 2x2.5 gallon case treats 40 acres
  - 275 gallon shuttle treats 2,200 acres
- Not a living biological (easy storage)
- Shelf life of 2 years from time of production.

## AGRONOMIC BENEFITS

- Increases energy for plant growth
- Increases nutrient use efficiency inside the plant
- Increases stress tolerance and stress recovery
- Increases nutrient cycling
- Increases carbon sequestration

### Minimum Guaranteed Analysis:

Active Ingredient: 9-Tricarboxalic Acid  
Inert Ingredients: Aqueous carrier 99%

Specific Gravity = 1.0  
Density = 8.34 lbs./gallon

\* Read and follow all labeled instructions

