

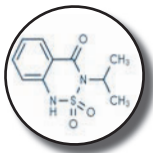
# MITIGATE<sup>®</sup> Plus

REDUCES STRESS / MAXIMIZES YIELD

Fueled By  
YIELD BURST

Stress Mitigation Technology fueled by Yield Burst designed to increase abiotic stress tolerance and yield potential

## Minimize Plant Stress In Any Cropping System



Herbicide  
Injury



Drought  
Stress



Extreme  
Temperatures



Wind/Hail  
Events



Mitigate Plus keeps the crop functioning at a high level during abiotic stress events, resulting in improved energy efficiency & yield potential

**PROTECT**

**REPAIR**

**ENERGIZE**



**ROSEN'S INC.**  
Quality Agricultural Products

# Three Modes of Action



## PROTECT

Activates the plant's stress response through regulation of key metabolic stress pathways, allowing plants to respond to stress events more quickly



## REPAIR

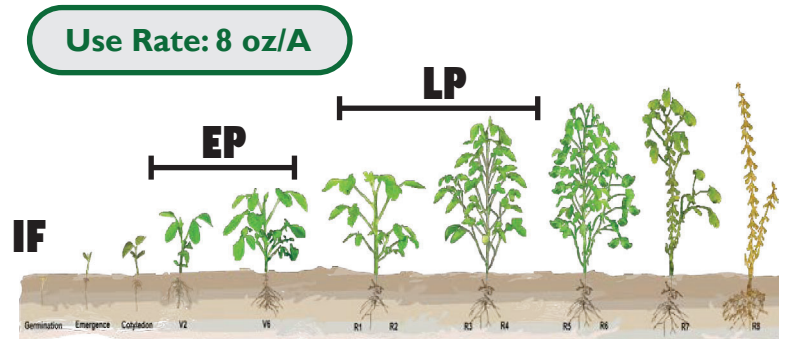
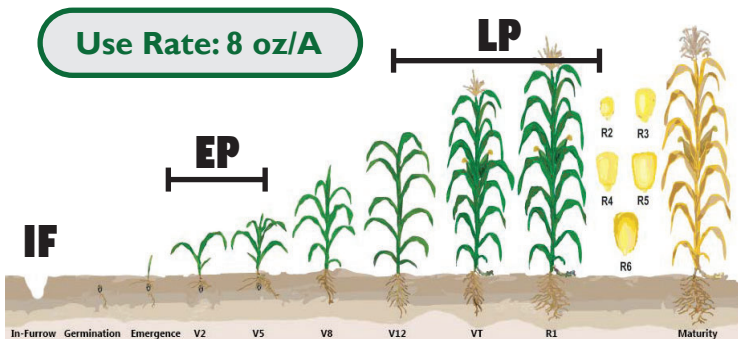
Triggers 450+ enzymatic reactions to help the plant recover more quickly from stress events



## ENERGIZE

Provides the fuel & energy needed to support the increased enzymatic activity occurring within the plant

## Mitigate Plus is an Agronomic Solution for Abiotic Stress



### In Furrow

- Energy for improved microbial growth, seed germination, & seedling vigor
- Helps alleviate early stress from cool & compacted soils

### Early Post

- Enhances crops ability to metabolize and recover from herbicide stress
- Provides plant with readily available energy prior to grand growth stages

### Late Post

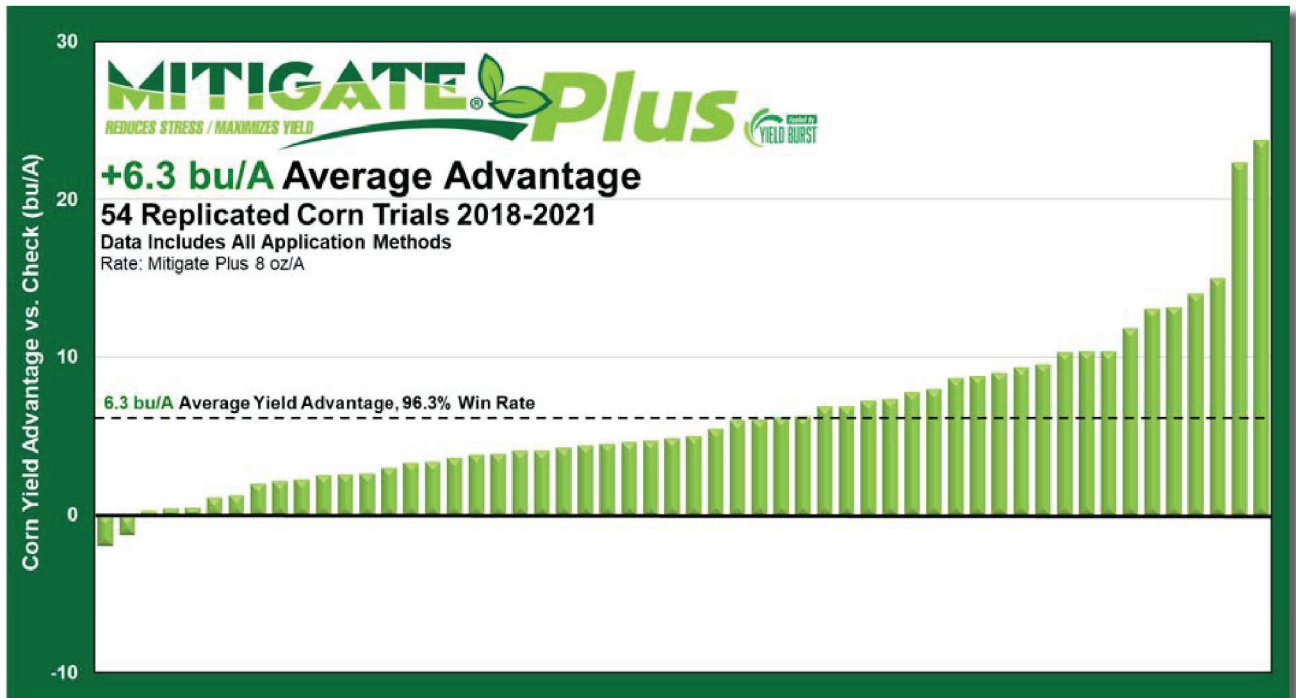
- Late season plant health is maximized when used in conjunction with a fungicide
- Improves crop response to drought conditions by regulation of stomates

# Corn Performance



## Corn Field Photos Above:

- Untreated vs. Mitigate Plus + Fungicide
- In-field photo taken three days after application
- Applied prior to extreme drought conditions
- Note the treated plants improved response to moisture stress, allowing leaves to stay open and continue harvesting light energy

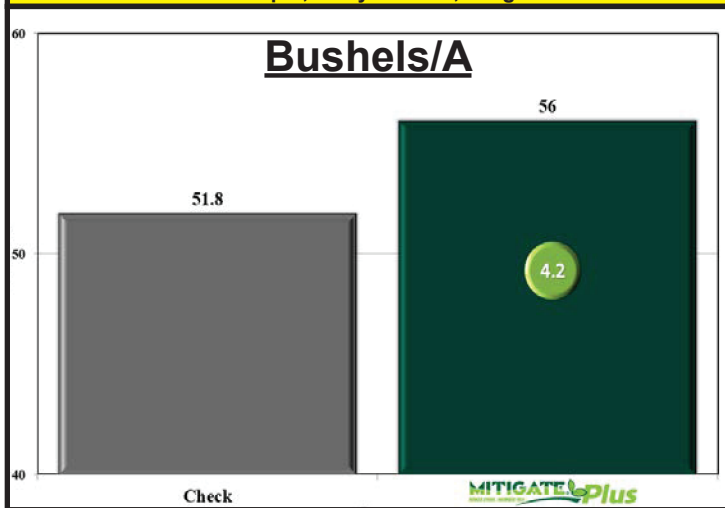


# Soybean Performance

## Herbicide-tolerant Soybeans

Third Party Replicated Trials  
4 Inch Weeds

Rates: Enlist One 2 pts, Array 9 lb/100, Mitigate Plus 8 oz/A



## Herbicide Study

- Herbicide-tolerant soybeans must utilize energy reserves to metabolize the herbicide.
- Mitigate Plus protects, repairs, and fuels the crop to maximize energy focused on plant growth and yield potential
- Treated plants (below) show improved crop recovery vs. the untreated herbicide check

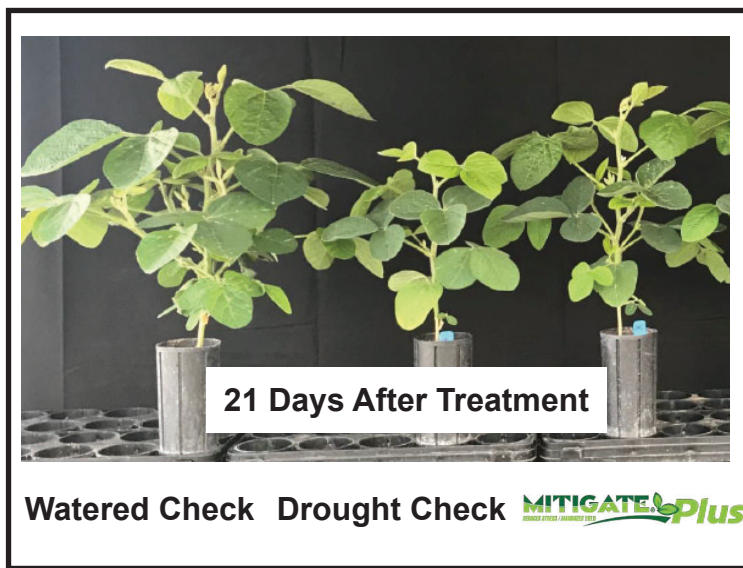


Herbicide Alone

Herbicide + MITIGATE Plus

## Improved Drought Tolerance

- Soybean drought study below conducted to evaluate the abiotic stress protection component of Mitigate Plus
- Treated soybeans showed enhanced plant growth and more pods than the untreated plants under drought stress



21 Days After Treatment

Watered Check Drought Check MITIGATE Plus

## Number of Pods

