

Solutions for All your Row Crop Acres



BIOFUNGICIDE



CONVERGENCE™
BIOFUNGICIDE

Harness the power of disease control and plant health benefits converging into one convenient, bio-based solution.



Certis Biological's Row Crop portfolio has been built to maximize efficacy and efficiency, while minimizing risk with evolving environmental challenges. All of our biosolutions are developed with traditional grower practices in mind. Our row crop product portfolio works in combination with synthetic programs to control pests, boost yield, and contribute to overall plant health. Take the sustainable approach to improving your row crop program.

BIOLOGICAL PLANT ACTIVATOR

LifeGard.WG

Choose the first fungicide in a new class of biological disease control agents used to preventively manage foliar diseases like white mold and many others.



For more label information:

INSECTICIDAL SOAP CONCENTRATE

DES-X®

This product is an insecticidal soap concentrate formulated for optimum activity on piercing and sucking insects and repelling deer. DES-X contains specially selected fatty acid salts (soaps) that penetrate the body of pests, resulting in rapid death.



FUNGICIDE/INSECTICIDE/ MITICIDE

Trilogy®

Protect plants from harmful pests and diseases with an effective fungicide/ miticide/insecticide. Trilogy controls various foliar diseases, soft-bodied insects and selected mite species.



FUNGICIDE/MITICIDE/ INSECTICIDE/NUTRITIONAL

SiI-MATRIX® LC

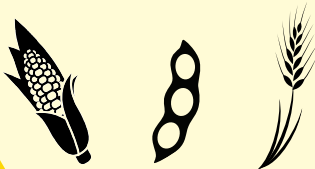
Potassium silicate provides a unique mode of action that creates a protective barrier to function as a fungicide, miticide, and insecticide while increasing plant resistance to stress for optimum health.



BIOINSECTICIDE

Javelin.WG

Naturally occurring Bt *kurstaki* strain has specific use against a broad spectrum of caterpillar pests. Javelin WG provides powerful control within one hour of ingestion.



VIRAL INSECTICIDE

Gemstar® LC

Naturally occurring, host-specific virus that infects and kills larvae of the *Helicoverpa* or *Heliothis* spp. and does not infect beneficial insects, fish, wildlife, livestock, or humans.



800.250.5024 CertisBio.com

Always carefully read and follow label instructions.
All products are a registered trademark of Certis USA LLC

© 2024 Certis USA

CERTIS
Biologicals

For more rate/application information:
*PLEASE LOOK AT BACK SIDE.

Product Rates & Applications

BIOFUNGICIDE



CONVERGENCE™

BIOFUNGICIDE

APPLICATION:

In-Furrow: 8 - 16 fl.oz/A
Foliar: 16 - 32 oz (V5 - V10)
VT Fungicide / Tar Spot
16 - 32 oz partner

- Can tank mix with bifenthrin
or your starter fertilizer

4 hr REI - 0 day PHI

BIOLOGICAL PLANT ACTIVATOR

LifeGard.WG
APPLY PREVENTIVELY:

Foliar: 4.5 oz/100 gal of water
(min. 1.0 oz/5-20 gal of water)

- Before disease or abiotic stress occurs
- During your regular Planned Post spray
- Soybean/white mold: spray prior to bloom

4 hr REI - 0 day PHI

INSECTICIDAL SOAP CONCENTRATE

DES-X®

APPLY FOLIARLY:

(At first visible signs of infestation)
APPLY ALONE OR TANK MIX with
your pesticide application for:

INSECT/DEER CONTROL:
2% v/v (1 qt/15 gal of water)

12 hr REI - 0 day PHI

FUNGICIDE/INSECTICIDE/ MITICIDE

Trilogy®

"Strengthens your favorite synthetic
pesticide pass"

APPLY FOLIARLY:

For Diseases: 0.5% - **1.0%** v/v
For Insects/Mites: **1.0%** - 2.0% v/v
(20 fl.oz/15 gal of water)

- Can be used as a **contact**
insecticide or a **contact/curative**
fungicide if applied early in the
disease cycle.

4 hr REI - 0 day PHI

FUNGICIDE/MITICIDE/ INSECTICIDE/NUTRITIONAL

SiI-MATRIX® LC

"Your Biological Multi-Tool"

APPLY PREVENTIVELY:

Foliar in Your Regular Planned Spray
0.25 - **1.0%** v/v
(1 - 4 qts per 100 gal of water)
(Ex. **20** fl.oz/15 gal, **24** fl.oz/20 gal)

Keep carrier pH below 5.5
or above 7.0

4 hr REI - 0 day PHI

BIOINSECTICIDE

Javelin.WG

"The Utility Knife of Bt Products"

APPLY FOLIARLY:

0.12 - 1.5 lb/A
(Target **1.0** lb for regular control needs)

Residual activity can vary with
environmental conditions
and carrier pH.

4 hr REI - 0 day PHI

VIRAL INSECTICIDE

Gemstar® LC

APPLY FOLIARLY:

4 - 10 fl.oz/A
(Target **6** fl.oz for regular control needs)

- Can be mixed with or in rotation with
other chemical insecticides
- Check pH of any fertilizer carrier
to keep closer to pH 7.0

4 hr REI - 0 day PHI



800.250.5024 CertisBio.com

Always carefully read and follow label instructions.
All products are a registered trademark of Certis USA LLC

© 2024 Certis USA

CERTIS
Biologicals