BioWake PRIME™

Corn

BIOLOGICAL PRODUCT

WAKE UP YOUR CROP'S DEFENSES

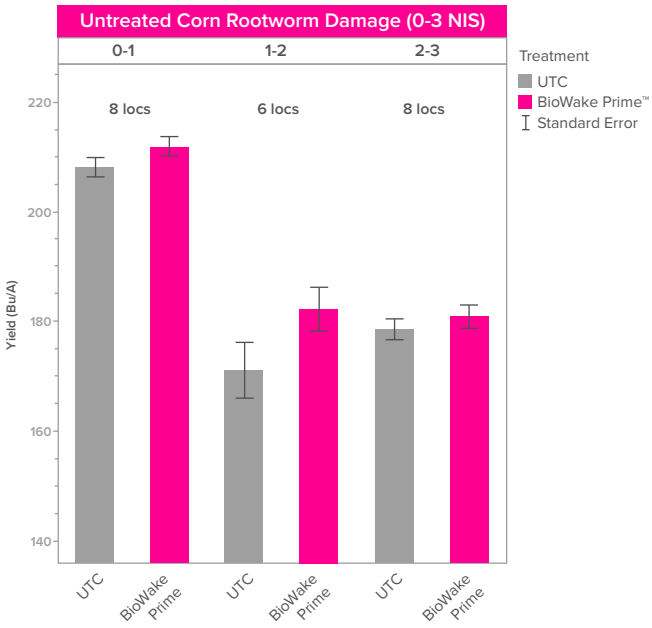
Product Description

BioWake Prime™ is an EPA registered bioinsecticide product designed to mitigate corn rootworm feeding and damage. When the unique microbes in BioWake Prime colonize corn plants, they prime or activate natural plant defense mechanisms against corn rootworm larvae. This response is a great complement to existing corn rootworm management strategies.

Combining BioWake Prime with BioWake™ for Corn gives you a healthy viable seed lubricant alternative to talc or graphite. Corn plants benefit from more effective nutrient utilization, enhanced plant growth and nutrient content as well as greater root regrowth if corn rootworm larval feeding occurs.

Root Feeding Impact on Corn Yield

2016-2022 Testing*



Features and Benefits

- Primes the corn plant immune system to defend against corn rootworm feeding all season long
- Microbes trigger the plant to start up its self-defense mechanisms
- Primed plants have a quicker and greater response to corn rootworm larval feeding
- Plant response creates corn rootworm larval confusion to mitigate feeding
- Results in larger root mass and reduced lodging
- Improved harvestability and up to 4.5 bu/A yield increase*
- Active ingredient: *Methylorubrum extorquens NLS 0042*

When to Apply

- When another layer of corn rootworm protection is needed (e.g. in addition to traits or insecticides)
- Convenient alternative for planters without insecticide application systems
- Low to moderate corn rootworm pressure areas where no insecticides are being used

Application Directions

- When sold as a co-pack with BioWake for Corn, pour BioWake Prime into the BioWake for Corn packaging
- Seal package and mix well
- See product label for complete mixing instructions and precautionary language
- 1 scoop treats 2 units of corn seed (160,000) and 1 pouch treats 50 units of corn seed

Visit our website at **www.amvac.com/greensolutions**

BioWake Prime is registered at EPA. Until, all necessary state registrations have been obtained, no sale, offer for sale or use of this product may be made.

*SOURCE INFORMATION: 2016-2022 third-party small-plot trial results

BioWake™ FOR CORN

BIOLOGICAL PRODUCT

WAKE UP YOUR CROP'S POTENTIAL.

Product Description

BioWake™ for Corn is a biological seed lubricant that delivers superior seed flow and enhanced seed vigor from day one. As an all-in-one planter box solution, BioWake for Corn ensures precise and efficient seed placement while adding live-microbial benefits such as increased nutrient uptake, better root development, and abiotic stress tolerance.

Designed to improve seed flow and performance, BioWake for Corn provides a safer, cleaner upgrade to the talc or graphite seed lubricant you are already using. With added environmental and soil health advantages, you can ensure you are getting the most out of every pass by adding BioWake for Corn to your planter.

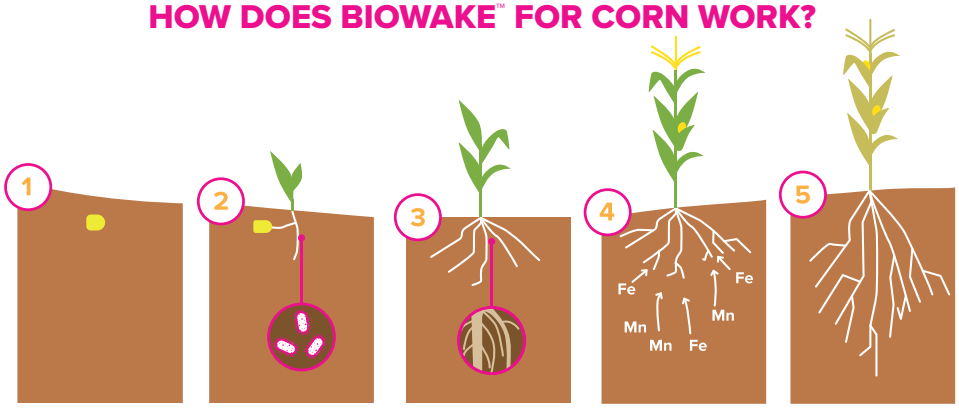
Features and Benefits

- A biological-friendly seed lubricant that contains beneficial microbes specially selected for use in corn
- Improve nutrient uptake, including a 6.8% and 28.8% increase in iron and manganese, respectively*
- Improves overall root development and length
- Proven to increase yield by up to 4.5 bu/A**
- Increased above ground plant weight by 22%*
- Active ingredient: *Methylobacterium gregans*

Application Rates

- 0.5 oz per unit of corn (@80K)
- Container treats 50 units of seed

HOW DOES BIOWAKE™ FOR CORN WORK?



1. BioWake for Corn provides seed lubrication and seed singulation, ensuring proper seed placement.
2. As broad, season-long plant colonizers, BioWake for Corn's microbes spread from the seed surface across the plant's roots and leaves.
3. The microbes go to work improving nutrient uptake.
4. The microbes secrete beneficial molecules into the root zone that can bind and transport micronutrients.
5. The microbes work throughout the growing season to improve nutrient uptake and plant efficiency.

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*SOURCE INFORMATION: 2023 AMVAC Midwest on-farm side-by-side comparison trials at V6 stage or later.

**SOURCE INFORMATION: *SGS Labs Study Combination data set from 2020 IN10T Farmer Trials® & 2021 Ag Ingenuity Partner Trials; all untreated checks and PPFM treatments have base fungicide and insecticide application.

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Important: Always read and follow label instructions. Please check with state and local regulations to ensure the product is registered.