



Bioinsecticide for Use in Corn

Active Ingredient:

<i>Methylobacterium extorquens</i> strain NLS0042*	2.0%
Other Ingredients	98.0%
Total:	100.0%

*Contains not less than 1 X 10⁹ CFU/g of product.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See inside booklet for additional precautionary information, Directions for Use, Storage and Disposal, and Limited Warranty and Disclaimer.

FIRST AID	
IF INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for treatment advice.
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
EMERGENCY INFORMATION	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY: For Medical Emergencies phone:1-888-681-4261 For Transportation Emergencies, including spill, leak or fire, phone: CHEMTREC®1-800-424-9300 For Product Use Information phone: AMVAC®1-888-462-6822	

EPA Reg. No.: 95699-2-5481
EPA Est. No.: _____

Net Weight: _____
Lot No: _____

Not for Sale or Use After: _____



Distributed by:
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1-888-462-6822

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION: Harmful if inhaled. Avoid breathing dust or spray mist. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Mixers/loaders, applicators, and other handlers must wear a minimum of NIOSH-approved particulate filtering facepiece respirator with an N99, R99, or P99 filter; OR a NIOSH-approved elastomeric particulate respirator with any N99, R99, or P99 filter; OR a NIOSH-approved powered air purifying respirator with HE filters. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables are available, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS: When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.607(d) and (e)], the handler PPE requirements may be reduced or modified as specified in the WPS.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

USER SAFETY RECOMMENDATIONS

Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS: *For terrestrial uses:* Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the

statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 hours.

EXCEPTION: If the product is soil-incorporated or soil-injected, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas (that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water) is:

- Coveralls
- Waterproof gloves
- Shoes plus socks

BASIC USE INFORMATION

BioWake PRIME™ is a product for the mitigation of corn rootworm larval feeding damage. Apply BioWake PRIME™ alone or in tank mixes with other registered crop protection products or with a seed lubricant. When conditions are conducive to high corn rootworm pressure, use BioWake PRIME™ in combination or in a rotational program with other registered insecticides effective against corn rootworm. Apply BioWake PRIME™ with equipment commonly used for making ground applications. Heavy rainfall or irrigation shortly after application may require retreatment.

INSECTICIDE RESISTANCE MANAGEMENT AND INTEGRATED PEST MANAGEMENT (IPM)

- Use tank mixtures with insecticides/acaricides from a different group that are equally effective on the target pest when such use is permitted. Do not rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues (for the targeted pests) between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
 - Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
 - Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
 - When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
 - Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
 - The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.
- Adopt an integrated pest management program for insecticide/acaricides use that includes scouting, uses historical information related to pesticide use, crop rotation, record keeping, and which considers cultural, biological and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact company representatives at 1-888-462-6822.

PRE-HARVEST INTERVAL

BioWake PRIME™ can be applied up to and on the day of harvest.

FOR PLANTER BOX (ONSITE) APPLICATIONS

MIXING INSTRUCTIONS

BioWake PRIME™ may be applied mixed with seed flow lubricants but has not been fully evaluated with all iterations of these. To ensure BioWake PRIME™ efficacy, seed should be planted within six months of mixing BioWake PRIME™ with seed flow lubricants and corn seed in the planter box. If sold as a co-pack with BioWake™ for Corn, pour BioWake PRIME™ into the BioWake™ for Corn packaging. Seal package and mix well. Allow product to settle before reopening package for application to seed.

For mitigation of corn rootworm larval feeding, apply according to application rates in table. Measure a full level scoop (provided in package) of BioWake PRIME™ for the amount of seed to be treated. One scoop treats 2 units at the low rate and 1 unit at the highest labeled rate. This package treats 50 bags of corn seed at an average of 50 pounds per bag. Disperse the powder evenly onto seed. Mix well to ensure that seed is uniformly coated.

APPLICATION INSTRUCTIONS

Apply BioWake PRIME™ by dispersing the powder evenly onto seed. Mix well and ensure that seed is uniformly coated. For application rates, see application rates table. Use higher rates if the field has a history of moderate to heavy corn rootworm pressure, if the regional forecast indicates high expected corn rootworm pressure or if minimum/low till programs are in place. BioWake PRIME™ can be mixed with a seed flow lubricant for onsite planter box applications, see mixing instructions for details.

APPLICATION RATES

For improved performance under moderate to severe insect pressure increase rates or use BioWake PRIME™ in a tank-mix or rotational program with other registered insecticides.

Application Rates of BioWake PRIME™		
Crops	Insect	Rate for Planter Box Application
Corn Sweet Corn Popcorn Seed Corn Silage Corn Field Corn	Mexican Corn Rootworm Northern Corn Rootworm Southern Corn Rootworm Western Corn Rootworm	0.25 - 0.5 oz per 100 lb of seed 0.125 – 0.25 oz per unit ¹ of seed

¹ One unit is 80,000 corn seeds

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in a dry area inaccessible to children. Store in original container only. Keep container closed when not in use. Do not store at temperatures above 78°F (25°C).

PESTICIDE DISPOSAL: To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

CONTAINER HANDLING:

For plastic bags - Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

LIMITED WARRANTY AND DISCLAIMER

The Manufacturer warrants that this product conforms to the minimum number of viable cells as specified. Tests have not been made on all varieties of food crops and plants, or in all states, or under all conditions. The Manufacturer and Seller makes no other warranty expressed or implied as to product viability or performance. Product storage, use and growing conditions are beyond Manufacturer's control.

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