

PH 92 62637-8 7/8/97 P 113

**BMP 123 (10 G)
BIOLOGICAL LARVICIDE GRANULE FORMULATION**

ACTIVE INGREDIENT: *Bacillus thuringiensis* subspecies *kurstaki* strain BMP 123
1600 International Units (IU) per milligram (Equivalent to 0.728 Billion
IU per pound).....0.32%
Potency units should not be used to adjust rates beyond those specified in the Directions
for Use Section.
INERT INGREDIENTS.....99.68%
TOTAL.....100.00%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

Hazards to Humans and Domestic Animals

STATEMENTS OF PRACTICAL TREATMENT

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if
irritation persists.
IF INHALED: Remove victim to fresh air.
IF IN EYES: Flush eyes with plenty of water. Get medical attention if
irritation persists.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes or
clothing. Avoid breathing dust.

Personal Protective Equipment (PPE): Applicators and other handlers must wear:

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

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

USER SAFETY RECOMMENDATIONS:

Users should wash hands before eating, drinking, chewing gum, using tobacco or using
toilet.

ENVIRONMENTAL HAZARDS STATEMENT: Do not contaminate water when disposing of
equipment wash waters.

ACCEPTED
Sep 18 / 97
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 62637-8

BMP 123 (10 G) is a granular formulation of *Bacillus thuringiensis* subspecies *kurstaki* strain BMP 123 formulated to control certain Lepidopterous larvae.

DIRECTIONS FOR USE:

It is a violation of federal law to apply this product in a manner inconsistent with its labeling. 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.

For any requirements specific to your State or Tribe consult the agency responsible for pesticide regulation.

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.

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

- * Coveralls
- * Waterproof gloves
- * Shoes plus Socks

BMP 123 (10 G) is a microbial larvicide for use against the listed lepidopterous insects. Close scouting and early attention to insect infestations are recommended. The active ingredient in BMP 123 (10 G) must be ingested to be effective.

APPLICATION:

<u>Crop</u>	<u>Pest</u>	<u>Pounds/Acre</u>
Field corn, sweet corn, seed corn, and popcorn.	European corn borer (<i>Ostrinia nubilalis</i>)	10 lbs/acre or
	Southwestern Corn Borer (<i>Diatraea grandiosella</i>) First and second generation.	5-10 lbs/acre banded over row with ground application.

Ground or Aerial Application:

First Generation: Apply BMP 123 (10 G) directly to corn whorls when larvae are small. Treat seed corn when 25% of the plants show feeding in the whorls and field corn when 35% of the plants show feeding. Adequate control cannot be achieved if larvae are large or have begun stalk boring and plants show a higher level of infestation.

Second Generation: Apply BMP 123 (10 G) when scouting shows 50 egg masses per 100 plants and the first hatch is occurring or follow your State Extension Service recommendations. A second application may be necessary under conditions of intensive population pressure.

<u>Crop</u>	<u>Pest</u>	<u>Pounds/Acre</u>
Field corn, sweet corn, seed corn, and popcorn.	Fall armyworm (<i>Spodoptera frugiperda</i>)	10lbs / acre

Ground or Aerial Application: Apply BMP 123 (10 G) directly to corn whorls. Treat sweet corn when 10-12% of the plants show whorl feeding. Field corn should be treated when 75% of the plants show whorl feeding damage. Treatment thresholds vary for different types of corn so State Extension specialists should be consulted for specific recommendations. Under high pressure a second may be necessary.

Tobacco	Tobacco budworm (<i>Heliothis virescens</i>)	5-10 lbs / acre
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Ground Application: Apply BMP 123 (10 G) should be applied by hand or in properly calibrated mechanical ground equipment.

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage or disposal.

Storage: Store in a cool, dry place.

Pesticide Disposal: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into application equipment. 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. Do not reuse container.

NOTICE TO USER: Seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning the use of this product other than indicated on the label. User assumes all risks of use, storage, or handling not in strict accordance with label instructions.

Becker Microbial Products, Inc.
9464 N.W. 11th Street
Plantation, FL 33322

EPA Registration Number: 62637- 8
EPA Establishment Number: 44616-MO-001
Net Weight:

Lot Number: