



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JAN 23 1995

OFFICE OF PREVENTION,
PESTICIDES AND TOXIC
SUBSTANCES

Becker Microbial Products, Inc.
c/o Ms. Christine Dively
Jellinek, Schwartz & Connolly, Inc.
1525 Wilson Blvd., Suite 600
Arlington, VA 22209

Dear Ms. Dively:

SUBJECT: Amendments-Alternate Formulations
BMP 123 (G)
EPA Reg. No: 62637-8
Submission Date: January 11, 1995

The amendments referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, are acceptable, subject to the comments listed below, and the submitted Confidential Statements of Formula have been added to the records for the subject product. A stamped copy of the labeling is enclosed for your records.

1. Alternate A dated 1/11/95 is acceptable provided the primary eye and dermal irritation studies (81-4, 81-5) corroborate the toxicity profile indicated previously. As discussed over the phone, you must submit these studies within six months from the date of this letter. Please note that the labeling is subject to change if so indicated by these data.


2. Alternate B dated 12/7/94 is now acceptable. Based on the information provided by you, Product Chemistry has determined that the inert in question is a food/feed substance considered cleared for food use, and there is no requirement for a tolerance for this compound.

D. Welch/1/20/95/308-8582/0247/BT
R. Kumar/1/20/95/308-8709/0247/BT

BEST AVAILABLE COPY

Any questions regarding this letter, should be directed to Rita Kumar, the Regulatory Action Leader for this submission, at (703) 308-8709.

Sincerely,



Janet L. Andersen, PhD
Acting Director
Biopesticides and Pollution
Prevention Division (7501W)

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 12 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:

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

BEST AVAILABLE COPY

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.

Crop	Pest	Pounds/Acre
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
---------	---	-----------------

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: 10 pounds

Lot Number:

AC...
W...
60 L.A...

BEST AVAILABLE COPY

Federal...
EPA...
...
...