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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES REGISTRATION DIVISION (15-767) WASHINGTON, DC 20460	EPA REGISTRATION 53219-2 TERM OF ISSUANCE Conditional Registration NAME OF PESTICIDE PRODUCT DEXY 1806 BIOINSECTICIDE	DATE OF ISSUANCE June 27, 1991
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NOTICE OF PESTICIDE: ☒ REGISTRATION
☐ REREISTRATION
 (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Mycogen Corporation
 5451 Oberlin Drive
 San Diego, California 92121

7-18-91

101 / 394497
 38 / 1

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act section (2) (c) (7) (C) and the conditional registration requirements are set forth in 40 CFR 152.13 (a)(1), which you have agreed to the conditions listed below in your letter of June 4, 1991.

1. To submit the data required by January 30, 1992, from studies conducted in accordance with the Good Laboratory Practice Standards Part 160 of Title 40 of the Code of Federal Regulations.

2. You must submit to the Agency all required studies before January 30, 1992. The cancellation of this registration will occur on July 30, 1992.

(This registration continues on the next pages)

BEST AVAILABLE COPY

☐ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

Bill Storer 2+3

DATE

6/27/91

You must submit the data /information listed below, conducted in accordance with the test guidelines and procedures agreed to as per the Pre-Acceptance letter sent to you, to which you responded on June 4, 1991, agreeing to provide the following:

PRODUCT CHEMISTRY/MANUFACTURING PROCESS

1. Information to clarify those characteristics used to code the bacterium as Ps fluorescens.
2. The viability sampling to be used as a check on homogeneity must incorporate 10 one liter samples instead of one sample.
3. Information to demonstrate that more detailed records are kept. The enrichment report sheets must include pH, actual colony counts per plate, the appearance (e.g. turbidity) of any enrichment broth, and a more complete description of contaminants.
4. A statistical analysis of the revised sampling techniques must be submitted.
5. An interim report on the results of monitoring the production batches must be submitted within 3 months of this registration. In addition, the Agency must be notified anytime the living recombinant is confirmed in the monitoring process.
6. Data on the results of use of the B. t. gene probe must be submitted along with the data on the specificity and sensitivity of the hybridization process.
7. Submit quality control/assurance protocols and procedures as they relate to the final pH and other fixative concentrations along with validation that all cells will be equally exposed to these components during the killing/fixation procedure.

ADMINISTRATIVE COMMENTS

You must submit/cite all data or other information required for registration/reregistration of your product under FIFRA section 3 (c) (5) when similar products are required to submit such data.

Submit product information (pounds or gallons produced) for this product each fiscal year that this product is conditionally registered, in accordance with FIFRA section 29. The fiscal year begins October 1 and ends September 30. The product information must be submitted no later than November 15, following the end of the preceding year.

This information should be submitted to:

U.S. Environmental Protection Agency
Registration Support and Emergency Response Branch
Registration Division (H7505C)
Crystal Mall Bldg. # 2, Room 716 G
1921 Jefferson Davis Highway
Arlington, VA 22202

You should note that if you fail to satisfy any of the conditions imposed on this OPTIONAL REGISTRATION will expire automatically on July 30, 1992. Sale and distribution of the subject product after July 30, 1992, will be illegal.

SIMULTANEOUS REPORTING TO THE OFFICE OF COMPLIANCE MONITORING (OCM)

OCM will be monitoring the data being generated in response to this Registration Notice. Therefore, if you respond by:

- Committing to develop and/or submitting data;
- Requesting a minor chemical exemption
- Presenting arguments that a requirement is not applicable;
- Submitting protocols or modifications to them;
- Or final reports, you must send a copy of the supporting information (not copies of the actual data) to:

Laboratory Data Integrity Assurance Division
Office of Compliance Monitoring (EN-342)
401 M Street SW.
Washington, DC. 20460

You must make the following label change (s) before you release the product for shipment:

- a. Add the phrase "EPA Registration No. 53219-2
- b. Make sure that the typesizes on your labeling are consistent (see labeling comments and sample enclosures)

You will submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation (as per your agreement, and) in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.



Phil Hutton
Product Manager (18)
Insecticide-Rodenticide Branch
Registration Division (H7505C)



B I O I N S E C T I C I D E

AQUEOUS FLOWABLE BASED ON THE CELLCAP™ ENCAPSULATION SYSTEM

For control of larvae of Colorado potato beetle, elm leaf beetle
and other selected leaf beetles.

ACTIVE INGREDIENT

Delta endotoxin of *Bacillus thuringiensis* variety *san diego* encapsulated in killed *Pseudomonas fluorescens* 10%

INERT INGREDIENTS 90%

TOTAL 100%

One gallon of this product contains 0.9 lbs of delta endotoxin of
Bacillus thuringiensis variety *san diego* encapsulated in killed
Pseudomonas fluorescens

KEEP OUT OF REACH OF CHILDREN CAUTION

Statement of Practical Treatment

Avoid contact with eyes, skin and clothing. Wash thoroughly
after handling. See back panel for additional precautionary
statements.

EPA Registration No. 53219-2
EPA Establishment No. 37429-GA-1

CellCap is a trademark of Mycogen Corporation.
The CellCap encapsulation system is protected by U S patent nos. 4,895,462 and
4,895,455.

Net Contents: 2 1/2 gallons



® Mycogen Corporation
5451 Oberlin Drive
San Diego, California 92121
(800) 745-7478





BIOINSECTICIDE

GENERAL INFORMATION

Insects Controlled: This product is active against small (first and second instar) larvae of the Colorado potato beetle. Use other labeled products for control of large larvae and adults of the Colorado potato beetle. This product also controls larvae (all sizes) of cottonwood leaf beetle, elm leaf beetle, elm calligrapha and imported willow leaf beetle.

Mode of Action: This product must be eaten by targeted insects to be effective. After eating foliage that has been sprayed with this product, insects immediately stop feeding. Death usually occurs 1 to 5 days later.

DIRECTIONS FOR USE

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

Recommended Rates and Timing

Crop	Pest	Infestation / Rate	Timing
eggplant potatoes tomatoes	Colorado Potato Beetle larvae	light: 1 1/2 qts/acre normal: 2-3 qts/acre heavy: 3-4 qts/acre	When 30% to 40% of egg masses hatch or when first or second instar*** larvae (< 1/4" long) predominate
Shade and Ornamental Trees	Larvae of Cottonwood leaf, Elm leaf and Imported willow leaf beetles and Elm calligrapha	light to normal: 2 qts/ 100 gallons**** heavy to severe: up to 4 qts/100 gallons****	When larvae are observed and major- ity of egg masses have hatched***

* Repeat applications will be needed to control later hatching larvae. Repeat applications should be made at a maximum interval of seven days between treatments.

** Use other labeled products for control of large larvae (third or fourth instar) and adults

*** Repeat applications as necessary to control newly hatched larvae of second and third generations.

**** For mist blower applications apply four to five gallons of this product per 100 gallons of spray solution

All treated areas and fields may be re-entered immediately. This product may be used up to and including the day of harvest. The addition of high-quality spreader-sticker to the spray solution is recommended to improve spray retention and deposition. Follow the manufacturer's label directions for proper use of the spreader-sticker. For application to small areas with hand-held equipment, use 1 1/2 to 3 oz. (3 to 6 tablespoons) of this product per gallon of water.

Mixing and Application

- Do not apply this product through any type of irrigation system.
- UNIFORM AND THOROUGH SPRAY COVERAGE OF UPPER AND LOWER LEAF SURFACES IS REQUIRED.
- Fill spray tank 3/4 full with water and add recommended amount of this product to tank. Mix thoroughly while adding remainder of water. Agitate as necessary to maintain suspension.
- If rain or irrigation occurs on day of application, reapply this product
- **Potato, tomato, eggplant:** For conventional ground application, apply recommended amount of product in at least 20 gallons of water per acre. For best results, use volumes of 40 gpa or more, and pressure of 50 psi or more. For aerial application, apply recommended amount of product in at least 3 gallons of water per acre. For application with hand-held equipment, use sufficient volume of water to thoroughly wet upper and lower leaf surfaces.
- **Elms, Cottonwood, Poplars, Willows, Zelkova:** Fill spray tank 3/4 full with water and add recommended amount of this product to tank. Mix thoroughly while adding remainder of water. Agitate as necessary to maintain suspension. When using high-pressure equipment, spray foliage to near run-off. Excessive run-off will not improve control and results in higher application costs. Mist blower applications will normally require 2 to 3 gallons of spray to cover a 50 foot tree.

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(800) 745-7476

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PRECAUTIONARY STATEMENTS

CAUTION

Hazards to Humans and Domestic Animals: Irritant to eyes, skin or clothing. Use protective gear when applying this product.

Statement of Practical Treatment: If in contact with water. Get medical attention if irritation persists. Wash thoroughly with soap and water after use.

Environmental Hazards: Keep out of water. Do not contaminate aquatic systems by runoff or disposal of wastes.

Precautions: Avoid contact with eyes, nose and mouth. Wear goggles and a dust mask when applying this product.

First Aid: If in contact with water. Flush with plenty of water. Get medical attention if irritation persists. Wash thoroughly with soap and water after use.

Environmental Hazards: Keep out of water. Do not contaminate aquatic systems by runoff or disposal of wastes.

For emergency medical information, call 1-800-228-5635.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed. Store unused product in original container. This product should be stored at temperatures between 35°F and 90°F.

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

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

LIMIT OF WARRANTY AND LIABILITY

This product conforms to the description on this label and is reasonably fit for the purpose set forth on this label when used according to the label directions and under the specified label conditions. THE MANUFACTURER DISCLAIMS ANY AND ALL OTHER EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE. Buyer and all users assume all risks and responsibility for loss or damage if this product is used, stored, handled or applied under any condition not reasonably foreseeable or beyond the manufacturer's control, or not as explicitly set forth in this label. THE LIMIT OF THE MANUFACTURER'S LIABILITY SHALL BE THE PURCHASE PRICE FOR THE QUANTITY INVOLVED. IN NO EVENT SHALL THE MANUFACTURER BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.