

AS
U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (TS-767)
WASHINGTON, DC 20460

EPA REGISTRATION
275-65

DATE OF ISSUANCE
JAN 3 1986

NOTICE OF PESTICIDE: ☒ REGISTRATION
☐ REREGISTRATION
(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

TERM OF ISSUANCE

NAME OF PESTICIDE PRODUCT

Dipel ES

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Chemical and Agricultural Products Division
Abbott Laboratories
14th Street and Sheridan Road
North Chicago, IL 60064

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 FIFRA section 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

2. Add the phrase "EPA Registration No. 275-65" to your label before you release the product for shipment.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 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.

Timothy A. Gardner
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosures

☐ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

1-3-86

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
(and Domestic Animals)**

CAUTION
Avoid contact with skin, eyes or clothing. In case of contact immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

Beneficial Insects
Honeybees foraging treated areas are not harmed by Dipel ES use.
Dipel ES does not interrupt the activities of beneficial and phagocytic arthropods in pest management programs.

Directions for Use
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
Refer to Package Enclosure for crops, rates and general directions.

STORAGE AND DISPOSAL

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

STORAGE Keep containers tightly closed when not in use. At temperatures less than 0°F and greater than 100°F, DIPEL ES should be stored under cover.

Shake the container before dispensing.

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 puncture and dispose of in a sanitary landfill, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

NOTICE TO USER

Seal makes no warranty, express or implied, of merchantability, fitness or otherwise concerning use of this product other than as indicated on the label. User assumes all risks of use, storage or handling not in strict accordance with accompanying directions.

List No.

EPA Registration No. 275-

EPA Est. No. 33762-1A-1



Chemical and Agricultural
Products Division
Abbott Laboratories
North Chicago, IL 60064

Lot No.

31-0000-2, P



**EMULSIFIABLE
BIOLOGICAL**

Active Ingredient

Bacillus thuringiensis

kurstaki, 17,000,000

of Potency per gram

International

Inert Ingredients

KEEP OUT OF

CHILDREN'S

NET CONTENTS: 2 1/2 GALLONS

gallon 96.62
Inert Ingredients

KEEP OUT OF REACH OF CHILDREN
CAUTION

E.P.A. Registration No. 275-
E.P.A. Est. No. 33762-1A-1

CAUTION

Avoid contact with skin, eyes or clothing.
In case of contact immediately flush eyes
or skin with plenty of water. Get medical
attention if irritation persists.

BENEFICIAL INSECTS

Honeybees foraging treated areas are not
harmful by DIPEL ES use.

DIPEL ES does not interrupt the activities
of beneficial and predaceous arthropods in
pest management programs.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

See container label.

Days to harvest: There are no restrictions on
applying DIPEL ES up to the time of harvest.

lepidopterous insects. Close scouting and
early attention to infestations is highly
recommended. Larvae must eat deposits of
DIPEL ES to be affected. Always follow
these directions:

- Treat when larvae are young (early in-
staral) before extensive damage has oc-
curred.
- Larvae must be actively feeding on treat-
ed, exposed plant parts.
- Thorough spray coverage is needed to pro-
vide a uniform deposit of DIPEL ES at
the site of larval feeding.
- Under heavy pest population pressure,
use the higher label rates and/or raise
gallonage to improve spray coverage.
- If attempting to control a pest with a
single spray, make the treatment when
egg hatch is essentially complete, but
before extensive crop damage occurs.
- A spreader-sticker which has been ap-
proved for use on growing and harvested
crops may be added if rain is anticipated
to improve weather-fastness of the spray
deposits (ground or aerial application).

After eating a lethal dose of DIPEL ES,
larvae stop feeding within the hour and will
die within several days. Dying larvae move
slowly, discolor, then shrivel, blacken and
die.

DIPEL ES may be applied in conventional
ground or aerial equipment with quantities
of water sufficient to provide thorough
coverage of infested plant parts. The
amount of water needed per acre will de-
pend on weather, spray equipment, and local
experience. Fill the mix tank or plane
hopper with the desired quantity of water.
Start the mechanical or hydraulic agitation
to provide moderate circulation before
adding DIPEL ES. Always add the sticker to
the water prior to the addition of DIPEL ES.
Add the desired volume of DIPEL ES to the
tank or plane hopper and continue circula-
tion. Include rinse water from containers.
Never add DIPEL ES to the mix tank
before introducing the desired quantity
of water. Maintain the suspension while
loading and spraying. Do not mix more
DIPEL ES than can be used in a 144-hour
period. CAUTION: Rinse and flush spray
equipment thoroughly following each use.

or center pivot
irrigation
systems

ACCEPTED

COMMENTS

In EPA Letter Dated:

JAN 3 1986

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

275-65

DIPEL ES for Corn¹

Crop	Pest	Pints/Acre (Ground Equipment)	Pints/Acre (Aerial Application) ²	Pints/Acre (Center Pivot Irrigation) ³
Field Corn, Seed Corn, Sweet Corn, Popcorn	European Cornborer, Southwestern Cornborer, First or second generation populations ^{***}	1 1/2 to 2	1 1/2 to 2	1 1/2 to 2

(Higher rate recommended for medium to high insect pressures.)

¹For aerial application use in at least 2 gallons of water

****Use irrigation levels of 0.15 to 0.5 inches of water per acre. IMPORTANT:** For center pivot irrigation applications, Dipel ES may be used undiluted, or in a mixture with water and a non-emulsifiable crop oil according to its label. Flush injection pump, tank and lines with diesel fuel before use with Dipel ES.

Recommended Mixtures and Mixing Sequences:

- Undiluted injection - Dipel ES may be poured directly into the mix tank.
- Non-Emulsifiable Oil and Dipel Mixtures - Dipel ES should be added to the tank first, then the recommended amount of oil.
- Mixture of Water, Dipel ES and Oil - Mix ratios of 3 parts water, 1 part Dipel ES and 1 part oil may be used. First add the water, then the Dipel ES and oil to the tank.
- Mixture of Water and Dipel ES - Mix ratio of 2 parts water and 1 part Dipel ES may be used. First add the water, then the Dipel ES to the tank.

The active ingredient in Dipel ES will settle in the tank and injection lines; adequate agitation must be provided before and during the injection period. Use only in systems that apply uniformly and have appropriate check valves. Do not apply when wind speed favors drift. When application is complete, thoroughly flush the injection system and sprinkler lines.

^{***}Timing: Apply Dipel ES at times dictated by university experiment station recommendations for conventional insecticide applications. One application against the first generation of European Cornborer should be sufficient for determination of efficacy. Two or more applications may be required against Southwestern Cornborer and the second generation of European Cornborer.

¹For all States except California

NOTICE TO USER

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



Chemical and Agricultural Products Division
Aubott Laboratories
North Chicago, Illinois 60064

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