

58998-7

2/22/1990

Page 1 of 2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

FEB 22 1990

300 / 260,003
17

345 / 260,004
38

Ms. Janet M. Overholt
Registration Agent
Novo Nordisk A/S
Novo Laboratories, Inc.
33 Turner Road
Danbury, CT 06810-5101

Dear Ms. Overholt:

Subject: Revised Confidential Statement of Formula and Final Printed
Labels for Foray 48B
EPA File Symbol/Reg. No. 58998-7

The labeling referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the following comments:

1. Delete the phrase "in storage" from the reentry section of your label. The inert ingredient methyl paraben is cleared under 40 CFR Part 180.1001(d) but not 180.1001(c).

Please note that I expect to receive the information requested in my 3/12/88 letter to Mr. DeFounter within the timeframe specified in your 2/9/90 Fax. The 1/12/88 CSP has been placed in the product's file.

A stamped copy of the label has been enclosed for your records. Submit five (5) copies of final printed labeling within seventy-five (75) days.

Sincerely yours,

Phil Hutton
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

58038:I:Mendelsohn:C.Disk:KENCO:02/15/90:de:sw:vo:DD:de

CONCURRENCES

SYMBOL	SURNAME	DATE						



Foray™ 48B

Flowable Concentrate
Forest, Trees and Shrubs



KEEP OUT OF REACH OF CHILDREN CAUTION

If in eyes, flush with plenty of water. Get medical attention if irritation persists.

Under the Federal Insecticide, Fungicide, and Rodenticide Act, amended, for the pesticide registered under EPA Reg. No. 58998-7

FEB 22 1990

ACTIVE INGREDIENT:

<i>Bacillus thuringiensis</i> Berliner var. <i>kurstaki</i> , primary powder fermentation product, potency of 12,600 International Units per mg of product (equivalent to 48 billion (IU/gal.)	15%
Inert Ingredient	85%
Total	100%

PRECAUTIONARY STATEMENTS: Hazards to humans: May cause eye irritation. Avoid contact with skin, eyes, open wounds or clothing. Wash thoroughly with soap and water after handling.

Environmental Hazards: Do not contaminate water by cleaning equipment or disposal of waste.

DIRECTIONS FOR USE:
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. FORAY contains the spores and endotoxin crystals of *Bacillus thuringiensis kurstaki*. FORAY is a stomach poison and has high specific activity against lepidopterous larvae. After ingestion, larvae stop feeding within hours and die 2-5 days later. Maximum activity is exhibited against early instar larvae. FORAY 48B Flowable Concentrate may be used for both ground and aerial application. The product should be shaken or stirred before use. Add some water to the tank mix, pour the recommended amount of FORAY 48B into the tank and then add the remaining amount of water to obtain the proper mix ratio. Agitate as necessary to maintain the suspension. The diluted mix should be used within 72 hours.

Ground Application: Use an adequate amount of tank mix to obtain thorough coverage without excessive run off. Use the recommended per acre dosages of FORAY 48B in the following amounts of water:

High volume hydraulic sprayers	100 gallons
Mist blowers	10 gallons

Aerial Application: FORAY 48B may be applied aerially, either alone or diluted with water at the dosages shown in the application rates table. Spray volumes of 32-128 ounces per acre are recommended. Best results are expected when FORAY 48B is applied to dry foliage.

RE-ENTRY: FORAY may be applied up to and including the day of harvest and in storage.

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

Storage: Store in a cool, dry place. Keep containers tightly closed when not in use. Store in temperatures above freezing and below 32 degrees C (90 degrees F).

Pesticide Disposal: Pesticide waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility in accordance with federal and local regulations.

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.

APPLICATION RATES:

Crop	Pests	Rate* (pts/acre)	Dosage* (BIU/Acre)
Forests, Shade Trees, Ornamentals, Shrubs, Sugar Maple Trees	Gypsy moth, spruce budworm, browntail moth, Douglas fir tussock moth	1.3 - 5	8 - 30
	Tussock moths, pine butterfly, bagworm, leafrollers, tortrix, mimosa webworm, tent caterpillar, jackpine budworm, black headed budworm, elm spanworm, saddled prominent and saddle-back caterpillars	1 - 2.7	6 - 16
	Red humped caterpillars, spring and fall cankerworm, California oakworm, fall webworm	0.7 - 1.3	4 - 8

*Use the higher recommended rates on advanced larval stages or under high density larval populations.

WARRANTY NOTICE: All goods supplied by NOVO BioKontrol are of high grade and we believe them suitable for the purposes recommended but, as we cannot exercise control over their storage or use, no responsibility will be accepted by us for any damage or injury whatsoever arising from their storage, handling, application, or use.

EPA Registration No. 58998-7
EPA Est. No. 58998-DN-001

MANUFACTURED BY:
NOVO BioKontrol
A DIVISION OF NOVO LABORATORIES, INC.
33 Turner Road
Danbury, Connecticut 06810-5101
(203) 790-2600



NET CONTENT
(U.S. GALLONS)

FOFCS89