


Reg # 58998-7

PM-18

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

(A)  EPA NOTIFICATION RE: PR NOTICE 93-3	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number 197759
	Application for Pesticide:		
	Section I		

1. Company/Product Number 58998-7	2. EPA Product Manager P. Hutton	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Biobit XL	PM# 18	
5. Name and Address of Applicant (Include ZIP Code) Novo Nordisk A/S Novo Alle 2880 Bagsvaerd Denmark <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	


Section II	
<input type="checkbox"/> Amendment - Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification to comply with PR Notice 93-3
This product is a split label and alternative name for Foray 48B, EPA No. 58998-7.

BEST AVAILABLE COPY

Section III			
1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted.		If "Yes," Unit Package wgt. No. per container	If "Yes," Package wgt. No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) of Retail Container	5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner In Which Label Is Affixed To Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other (_____) <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			

Section IV		
1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Janet M. Overholt	Title Registration Agent	Telephone No. (include Area Code) 285-790-2600
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Registration Agent	
4. Typed Name Janet M. Overholt	5. Date 6/30/93	

KEEP OUT OF REACH OF CHILDREN CAUTION

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

ACTIVE INGREDIENT:

Bacillus thuringiensis subsp. *kurstaki*, 10,600 International Units (IU)/mg of product (equivalent to 48 billion IU/gallon)..... 2.1%
INERT INGREDIENTS.....97.9%
TOTAL.....100%

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.

PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS: 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 when disposing of equipment washwaters.

For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

APPLICATION RATES:

Crop	Pests	Rate* (pts/acre)
Cotton (Except CA & AZ)	Loopers	1.3-2.3
	Armyworms	1.3-4.6
	Cotton bollworm, Tobacco budworm	1.0-4.6**
** Special Instruction: For early season management of <i>Heliothis</i> species. Initiate applications when 50% of plants are at pinhead square cotton stage independent of <i>Heliothis</i> egg and larval counts or at first egg lay, whichever occurs earlier. Continue applications on a five day spray interval up to the pyrethroid spray window.		
Cotton (CA & AZ)	Armyworms	1.3-4.6
	Cotton leaf perforator, Cotton leafworm, Saltmarsh caterpillar	1.3-2.3
	Loopers	1.3-2.3
	Cotton bollworm, Tobacco budworm	1.3-4.6***
*** Special Instruction: Repeat as necessary throughout the season to maintain control. If egg laying frequency indicates future moderate to heavy larval populations, time application spray to coincide with the second instar larvae. During periods of high temperatures, larvae will progress through first to third instars very rapidly and early application timing is necessary for control. When plant cover is dense and larvae are feeding in the lower 2/3 portion of the plant, aerial application may not provide adequate control.		

DIRECTIONS FOR USE: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Biobit XL contains the spores and endotoxin crystals of *Bacillus thuringiensis kurstaki*. Biobit XL 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. Biobit XL may be used both for 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 Biobit XL 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 Biobit XL in the following amounts of water:

High volume hydraulic sprayers	100 gallons
Mist blowers	10 gallons

Aerial Application: Biobit XL 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 Biobit XL is applied to dry foliage.

RE-ENTRY: Biobit XL may be applied up to and including the day of harvest.

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).

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

WARRANTY: NOVO NORDISK MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PURPOSE, OR OTHERWISE, EXPRESS OR IMPLIED, concerning this product or its uses which extend beyond the use of the product under normal conditions in accord with the statements made on this label. In no case shall the seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer.

EPA Registration No. 58998-7
 EPA Est. No. 58998-DN-0001

MANUFACTURED FOR:
 Novo Nordisk
 33 Turner Road
 Danbury, Connecticut 06813-1907

NET CONTENT
 (U.S. GALLONS)



July 1, 1993



**Novo Nordisk
Bioindustrials, Inc.**

33 Turner Road
P.O. Box 1907
Danbury, CT 06813-1907

Tel. 203-790-2600
FAX 203-790-2748

Mr. Phil Hutton
Product Manager (18)
Insecticide Rodenticide Branch
Registration Division (H7505C)
Office of Pesticide Programs
U.S. Environmental Protection Agency
401 M Street S.W.
Washington, D.C. 20460

RE: Response to PR Notice 93-3
Notification, Biobit® XL, EPA Registration No. 58998-7

Dear Mr. Hutton:

This Notification is submitted to comply with PR Notice 93-3. No other changes have been made to this label.

Sincerely,

Janet M. Overholt
Regional Manager
Regulatory Affairs
Plant Protection Division

Enc: EPA Form 8570-1
1 label