APPENDIX D. PRODUCT LABELS



For the control of Lepidopterous Larvae

ACTIVE INGREDIENT: Bacillus thuringiensis subsp. kurstaki, strain ABTS-351, fermentation solids, spores,

Potency: 16,700 Cabbage Looper Units (CLU)/mg of product (equivalent to 76 billion CLU/GAL.).

The percent active ingredient does not indicate product performance and potency measurements are not federally standardized.

EPA Reg. No. 73049-49 EPA Est. No. 33762-IA-001

LIST NO. 60176

INDEX:

- 1.0 First Aid
- **Precautionary Statements**
 - 2.1 Hazards to Humans and Domestic Animals
 2.2 Personal Protective Equipment (PPE)
 - 2.3 Agricultural Use Requirements
 - 2.4 Non-Agricultural Use Requirements
 2.5 User Safety Recommendations
- 2.6 Environmental Hazards
- Directions for Use Storage and Disposal 4.0
- 5.0 Agricultural Use Requirements
- Non-Agricultural Use Requirements
- 7.0
- 8.0
- Application Mixing Spray Volumes 9.0
- 10.0 11.0 General Agricultural Use Instructions Table 1
- 12.0 General Non-Agricultural Use Instructions 12.1 Ground Application 12.2 Aerial Application
- Table 2
- Notice of Warranty 14.0

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for If on skin treatment advice. Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, it present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. If in eyes

HOT LINE NUMBER

Have the product container with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-315-9819 for emergency medical treatment and/or transport emergency information. For all other information, call 1-800-323-9597.

2.0 PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS CALITION

Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

2.2 Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- · Long-sleeved shirt
- Long pants
- Waterproof gloves
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions are available for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Agricultural Use Requirements

Mixers/loaders and applicators must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95, or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic reactions. When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must provide all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

Non-Agricultural Use Requirements

Mixer/loaders and applicators not in enclosed cabs or aircraft must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95, or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

CONTINUED

2.5 User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside.
 Wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling the product.
 Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

2.6 Environmental Hazards

For terrestrial agricultural 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. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

This product must not be applied aerially within 1/4 mile of any habitats of threatened or endangered lepidoptera. No manual application can be made within 300 feet of any threatened or endangered lepidoptera.

3.0 DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

Do not apply this product through any type of irrigation system.

4.0 STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a cool, dry place. Keep containers tightly closed when not in use. Store in temperatures above freezing and below 25° C (77° F).

Pesticide Disposal: To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after flow begins to drip. Repeat this procedure two more times. Once cleaned, offer container for recycling, if available. If recycling is not available, puncture and dispose of container in a sanitary landfill or by other procedures approved by state and local authorities.

5.0 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 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.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of $\underline{4}$ hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Waterproof gloves
- · Shoes plus socks

6.0 NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

For ground applications only. Exposure of unprotected persons can be mitigated by direct spraying. Spray should be allowed to dry undisturbed.

7.0 APPLICATION

Apply Foray 76B by ground or aerial equipment undiluted or with quantities of water sufficient to provide thorough coverage of plant parts to be protected. The amount of water needed per acre will depend upon crop size, weather, spray equipment, and local experience.

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment- and weather-related factors determine the potential for spray drift. The applicator and the grower /treatment coordinator are responsible for considering all of these factors when making decisions.

8.0 MIXING

Shake or stir Foray 76B before use. Fill spray or mixing tank half full of water. Begin agitation and pour Foray 76B into water while maintaining continuous agitation. Add other spray material (if any) and balance of water. Agitate as necessary to maintain suspension. Do not allow diluted mixture to remain in the tank for more than 72 hours.

CONTINUED

To improve weather-fastness of the spray deposits for hard to wet crops, such as cole crops, use a spreader-sticker approved for use on growing crops. Combinations with commonly used spray tank adjuvants are generally not deleterious to Foray 76B, if the mix is used promptly. Before mixing in the spray tank, identify possible problems with physical compatibility by mixing all components in a small container in proportionate quantities.

9.0 SPRAY VOLUMES

Ground Application: Use amount of Foray 76B, as indicated in the tables that follow, in ground equipment with quantities of water sufficient to provide thorough coverage of plant parts to be protected. The amount of water needed per acre will depend upon crop size, weather conditions, spray equipment used and local experience.

Aerial Application: Use amount of Foray 76B, as indicated in the tables that follow, in aerial equipment undiluted or with quantities of water sufficient to provide thorough coverage of plant parts to be protected. In the western U.S., use a normal minimum of 5-10 gallons per acre; in the eastern regions, use a normal minimum of 2-3 gallons per acre. The minimum amount of water needed per acre will depend upon crop size, weather conditions, spray equipment used and local experience.

10.0 GENERAL AGRICULTURAL USE INSTRUCTIONS

Foray 76B is a biological insecticide for the control of lepidopterous larvae. It contains the spores and endotoxin crystals of *Bacillus thuringiensis kurstaki*. Foray 76B must be ingested by the larvae to be effective. For consistent control, apply at first sign of newly hatched larvae (1st and 2nd instar larvae). Susceptible larvae that ingest Foray 76B cease feeding within a few hours and die within 2-5 days.

Foray 76B may be applied up to and on the day of harvest. For maximum effectiveness, follow the instructions listed below:

Monitor fields to detect early infestations.

Apply Foray 76B when eggs start hatching and larvae are small (early instars) and before significant crop damage occurs. Larvae must be actively feeding to be affected. Repeat applications every 3 to 14 days to maintain control and protect new plant growth. Factors affecting spray interval include rate of plant growth, weather conditions, and reinfestations. Monitor populations of pests and beneficials to determine proper timing of applications.

Under conditions of heavy pest pressures or when large worms are present use the higher rate, shorten the application interval, and/or improve spray coverage to enhance control. When these conditions are present, consider use of a contact insecticide to enhance control. Thorough coverage is essential for optimum performance. Ground applicators equipped with directed drop nozzles can improve coverage.

11.0 Table 1.

Crop	Pests	Rate ¹ (fl. oz./acre)
Forests, Shade Trees, Ornamentals,	Gypsy Moth ² Elm Spanworm	13.5 - 67.5
Shrubs, Sugar Maple Trees, Ornamental Fruit, Nut & Citrus Trees ²	Spruce Budworm Browntail Moth Douglas Fir Tussock Moth Coneworm Buck Moth	13.5 - 50.5
	Tussock Moth Pine Butterfly Bagworm Leafroller Tortrix Mimosa Webworm Tent Caterpillar Jackpine Budworm Blackheaded Budworm Saddled Prominent Saddleback Caterpillar Eastern & Western Hemlock Looper Orangestriped Oakworm Satin Moth	10.0 - 27.0
	Redhumped Caterpillar Spring & Fall Cankerworm California Oakworm Fall Webworm	7.0 - 13.5

Special Instructions

¹Use the higher recommended rates on advanced larval stages or under high density larval populations.

²In treating gypsy moth infested trees and shrubs in urban, rural, and semi-rural areas, exposure of non-target vegetation including, but not limited to, native and ornamental species and food or feed crops is permitted.

This product can be mixed and used with other pesticides only in accordance with the most restrictive of label limitations and precautions. This product cannot be mixed with any product containing a label prohibition against such mixing. No label dosage rates may be exceeded.

12.0 GENERAL NON-AGRICULTURAL USE INSTRUCTIONS

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or on golf courses or lawns and grounds.

Not for use on trees being grown for sale or other commercial use, or for commercial seed production, or for the production of timber or wood products, or for research purposes except for wide-area public pest control programs sponsored by government entities, such as mosquito abatement, gypsy moth control, and Mediterranean fruit fly eradication.

Do not apply this product through any type of irrigation system.

Foray 76B contains the spores and endotoxin crystals of *Bacillus thuringiensis kurstaki*. Foray 76B is a stomach poison and is effective against lepidopterous larvae. After ingestion, larvae stop feeding within hours and die 2-5 days later. Maximum activity is exhibited against early instar larvae. Apply Foray 76B by ground or aerial equipment.

CONTINUED

Shake or stir Foray 76B before use. Add some water to the mix tank, pour the specified amount of Foray 76B into the tank, and then add the remaining amount of water to obtain the proper mix ratio. Agitate as necessary to maintain the suspension. Do not allow diluted mixture to remain in the tank for more than 72 hours.

12.1 Ground Application

Use an adequate amount of tank mix to obtain thorough coverage without excessive run off. Use the indicated recommended per acre rates of Foray 76B in up to the following amounts of water:

High volume hydraulic sprayers 100 gallons Mist blowers 10 gallons

12.2 Aerial Application

Apply Foray 76B, either alone or diluted with water, aerially at the rates shown in the application rates table. Spray volumes of 28-67.5 fluid ounces of product per acre give optimum coverage.

13.0 Table 2.

Crop	Pests	Rate ¹ (fl. oz./acre)
Forests, Shade Trees, Ornamentals,	Gypsy Moth ² Elm Spanworm	13.5 - 67.5
Shrubs, Sugar Maple Trees, Ornamental Fruit, Nut & Citrus Trees ²	Spruce Budworm Browntail Moth Douglas Fir Tussock Moth Coneworm Buck Moth	13.5 - 50.5
	Tussock Moth Pine Butterfly Bagworm Leafroller Tortrix Mimosa Webworm Tent Caterpillar Jackpine Budworm Blackheaded Budworm Saddled Prominent Saddleback Caterpillar Eastern & Western Hemlock Looper Orangestriped Oakworm Satin Moth	10.0 - 27.0
	Redhumped Caterpillar Spring & Fall Cankerworm California Oakworm Fall Webworm	7.0 - 13.5

Special Instructions

1 Use the higher recommended rates on advanced larval stages or under high density larval populations.
2 In treating gypsy moth infested trees and shrubs in urban, rural, and

²In treating gypsy moth infested trees and shrubs in urban, rural, and semi-rural areas, exposure of non-target vegetation including, but not limited to, native and ornamental species and food or feed crops is permitted.



14.0 NOTICE OF WARRANTY

To the extent consistent with applicable law, seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning the use of this product other than as indicated on the label. User assumes all risk of use, storage or handling not in strict accordance with accompanying directions.

Foray is a registered trademark of Valent BioSciences Corporation.

04-7294/R6 ©Valent BioSciences Corporation, July 2012



@W -O[™]

Lymantria dispar, gypsy moth For Mating Disruption of

Lure matrix for the sustained release of insect pheromones. SPLAT GM-O provides control by Application Technology) is an amorphous polymer જ Pheromone disrupting mating behavior. (Specialized



For Organic Production



ACTIVE INGREDIENT:

(Z)-7,8-Epoxy-2-methyloctadecane: Disparlure

13.00% 87.00% 100.00%

OTHER INGREDIENTS:

rotal:

Lbs

Batch Number: Net Contents:

EPA Est. No. 80286-CA-004 EPA Reg. No. 80286-12

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID STATEMENT

- Hold eye open and rinse slowly and gently with water for 15-20
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call poison control center or doctor for treatment advice.

 IF ON SKIN OR CLOTHING:
 Take off contaminated clothing.
 Wash skin immediately with soap and water, then rinse with plenty
 - of water for 15-20 minutes. IF SWALLOWED:
- Call poison control center or doctor immediately for treatment
- Do not induce vomiting unless told to do so by poison control Have person sip a glass of water if able to swallow.

center or doctor.

Do not give anything by mouth to an unconscious person.

HOTLINE NUMBER

concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time (NPIC Web site: www.npic.orst.edu). container or label with you when calling a poison control center, doctor, or going for treatment. For emergency information National Pesticides Information Center: Have the product

See side/back panel for additional precautionary statements.

HAZARDS TO HUMANS AN swallowed or absorbed throug water after handling and befor contaminated clothing and we PERSONAL PROTECTIVE and long pants, waterproof give maritaining PPE. If no such it separately from other laundy	HAZARDS TO HUMANIS AND DONESTIC ANNIALS, CALITION: Causes moderate eye irration. Harmful if availabled or absorbed trough skin, beginned to a district and the state of the st	POINT SOURCE SIZE, PLACEMENT,	oginders, or a comprision of both. The flow of SPL/TGM-O potation can be controlled with agricultural type sciencist. Calibrate applications based on volume output and application speed and swith a set assets. Determine output and application speed and swith a set steaded. Done tapply this product incompt any type of the ringular paylor and set of the speed of the sp
ENVIRONMENT: water is present of the forest canopy Spray valves mus water when clear	ENVIRONMENTAL HAZARDS For terrestral uses. Do not apply directly to water, or to areas where surface water is present or to interfals areas below the mean high water mark. Incidental applications to water under the rest cannot part and construction to water, but should be avoided if practicable. Spray valves must be shut off when passing over surface water not under the cannoty. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or misate.	AND SPACING	less control over the variation in dropies izze and there will be a mappe from approximately 200 to 2000 infrorts in size. When SPLAT GM-O is sprawed on the tree canceys at 46 grams per acre (6 grams Al per acre), the range in dropiet size will usually be 300 to 1000 microsis. The Mil provide area-Mo. Season-horg management of low-density populations. To ensure proper application, please consult your pest control advisor, distribution, or ISQL Petrologies. Inc., please consult your pest control advisor, Chain consistent states and strate or increases advisored.
your pest control	It is a violation of Federal Law to use this product in a manner inconsistent with its abeliang. Aways consult your pest control advisor, distribution of ISCA. Technologies. To rigidative regarding the use of SFLAT GRAD.	EQUIPMENT	STORAGE AND DISPOSAL Do not contaminate water, food of feed by storage and disposal.
TARGET PEST	-	STORAGE	Store product seased and retragrated, it positibe, it retragerated, do not store with pool, it refrigeration is not available, store product in a cool dry place, out of direct artificity. Do not exceed 75°F for inorq-term storage. A void freezing, in case of leak or spill, whe with paper
AREA-WIDE CONTROL		PESTICIDE	Lower and dispose of waste when product hardens. Lower and dispose of waste when product hardens. waste facility from the use of this product may be disposed of on site or at an approved waste facility.
	asservant daways 'consideration and a properties of the properties	DISPOSAL	Nomeliable Container. Do not reall or lease this container, Taple mise (or equivalent) promptly after employing. Then offer for recycling if available, or pundure and dispose of in a sanitary landful, or by incineration, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.
	auger acequies, where the mit or exposed bootes to occur are are designed by the design of a designed or (SPAT FORM) in consultation with your pest control advisor. I distribute, or (SSAT Form) the control advisor, a distribute, or (SSAT Form) the control advisor, and in the control advisor is not to the control and for the set permitted. However, an exemption from the requirement of a bit enter one sestablished for residues of (CFA) - Sepacy. Exemption descend (Dispatine) on a bit food and feed crops that occur when it is used to treat trees, strubs, and pastures and such use results in unimientional spray and drift to non-target vegetation including non-target vegetation including non-target vegetation including non-	Read all directions careful directed. ISCA Technolog reasonably fit for the inter ISCA Technologies make purpose or any other explicitly and the response or any other explicitly and the response or any other explicitly.	WARRANT Y AND LIMITATION OF DAMAGES Read all directions cardully, A statements concerning the use of this product apply only when used as a deced. ISCA Technologies warrant has the meater according the use of this product apply only when used as reasonably iff for the intended upurpose referred to on the label. To the extent consistent with applicable and is neasonably iff for the intended upurpose referred to on the label. To the extent consistent with applicable being the properties on other express or implied warranty of merchantability or fitness for a particular purpose or any other express or implied warranty. SCA Technologies, Inc. 1230 Spring St., Riverside, CA 92507 951-856-5008 www.iscatech.com
MONTORING	Mentitor for peals on a regular basis so that timely indevention with insecticides or alternative controls are possible. Use graps much phenomone-based montering traps made by ISCA, Technologies or other suitable traps to monitor the presence of made moths, their emergence and their movement. Bean emolitoring raps before applying SPLAT GM. Or determine the infestation level. Continue monitoring throughout the season to evaluate efficacy and longwith of the phenomone application. Monitor treated picts for the target pear, implement applementary control measures if the pest population densities are above economic threshold levels.		
APPLICATION			
CONDITIONS	Apply SPLAT GRAD View the amelieral is interpretative above 50°F-58 -LAT GRAD View evaluated. The control of		
APPLICATION RATE			
PREPARATION FOR USE	Always Check SPLAT GRAQ 24 hours before using 18 SPLAT GRAP. Dise been stored in a refrigerated area and has hardened, allow at least 48 hours at room temperature to achieve a workable consistency. Aways mix SPLAT GM-O froroughly before use: a drill with a partit mixing padde or smilar device works best, Avoid metal-areal mixing with sharp blades, which come into contract with the pastic container as this can introduce shared to plasse in the SPLAT GM-O formulation, which might interfere with product showblity and application.		
APPLICATION	-		