

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

January 5, 2010

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

Christine A. Dively Director of Regulatory Affairs Certis USA, LLC 9145 Guilford Road, Suite 175 Columbia, MD 21046

> RE: Product Name: Meen EPA Reg. No: 70051-6 Application for Label Notification Dated September 30, 2009 to update storage and disposal statement; add Lot Number to front page of label and to update the Environmental Hazards Statement.

Dear Ms.Dively:

The Biopesticides and Pollution Prevention Division is in receipt of your application for Notification under Pesticide Registration (PR) Notice 98-10 dated above. A preliminary screen of this request has been conducted for its applicability under PR Notice 98-10 and it has been determined that the action(s) requested falls within the scope of PR Notice 98-10. Our records have been duly noted, and the label submitted with this application has been stamped "Notification, received and reviewed" and will be placed accordingly in our records.

If you have any questions concerning this action, please feel free to contact Ms. Menyon Adams at (703) 347-8496 or email at <u>adams.menyon@epa.gov.</u>

Sincerely,

Linda Hollis

Linda Hollis, Chief Biochemical Pesticides Branch Biopesticides and Pollution Prevention Division (7511P)

Please read instructions on	reverse before co. a	ting form.	Fc	orm Approv	/ed. A	B No. 2070	10000	
\$epa	Environmental	Inited States Protection A ngton, DC 20460	Agency		Ar	gistratio nendme her		OPP Identifier Number
	······	Application f	or Pesticide	- Secti	on l			
I. Company/Product Numb 70051-6	167		2. EPA Prod Linda Hol		30r			posod Classification
4. Company/Product (Name) Meen			PM# Biochemi	PM# Biochemical Products Branch				
5. Name and Address of A Certis U.S.A., L.L.C. 9145 Guilford Road, Su Columbia, MD 21046		de)	(b)(i), my p to:	oroduct is	similar		il in con	FIFRA Section 3(c)(3) nposition and labeling
••••••••••••••••••••••••••••••••••••••			Section - II			MOTIE		
Amendment - Explain Resubmission in real X	Ä	Final printed labels in response to Agency letter date Peviewed: 01 05 10 "Me Too" Application. Reviewed By:						
No other cha	of label change per PR N 2008-1 and the requirem anges have been made to	ents of EPA's regula	ations at 40 CFR 8	8156101	56 140	156 144 15	6 1 4 6	ad 156 166
label is not c be in violatio	on of FIFRA and I may b	ements of 40 CFR §	any false statements 38 156 10 156 140	ment of For t to EPA. 1) 156 144	rmula for I further 156 146	this produce understand	t. I unde that if th	erstand that e amended
1. Material This Product W	fill Be Packaged In:	rements of 40 CFR §	Confidential States any false statemen §§ 156.10, 156.140 ment action and p Section - III	ment of For nt to EPA. 1), 156.144, enalties un	rmula for I further 156.146, der sectio	this produc understand and 156.15 ons 12 and 1	ct. I unde hat if th i6, this p 14 of FIF	erstand that e amended
1. Material This Product W Child-Resistant Packaging Yes* No * Certification must	fill Be Packaged In: Unit Packaging Vill X Yes No	No. per	Confidential States any false statemen §§ 156.10, 156.140 ment action and p Section - III Vater Soluble Pack Yes No	ment of For nt to EPA. 1), 156.144, enalties un agging No. per	rmula for I further 156.146, der sectio	Type of Co	ct. I unde fhat if th i6, this p i4 of FIF onteiner Motel Plastic Slass Paper	erstand that e amended roduct may FRA.
In the a violation label is not a violation be in violation be in violation I. Material This Product W Child-Resistant Packaging Yes* No Yes* No Cortification must be submitted	fill Be Packaged In: Unit Packaging Yes No If "Yes" Unit Packaging wgt.	No. per provide a series of the series of the subject to enforce series of the series	Confidential States any false statemen § 156.10, 156.140 ement action and p Section - III Veter Soluble Pack Yes No "Yes" ackage wgt	ment of Fon nt to EPA.), 156.144, enalties un agging No. per container	mula for I further 156.146, der sectio	Type of Co	ct. I unde hat if th 6, this p 4 of FIF onteiner Metel Plastic Glass Peper Other (S	erstand that e amended roduct may 'RA pecify)
I is a violation label is not content be in violation I. Material This Product M Child-Resistent Packaging Yes* No Ves* No Certification must be submitted 3. Location of Net Content	fill Be Packaged In: Unit Packaging Yes No If "Yes" Unit Packaging wgt. If ackaging wgt.	No. per	Confidential States any false statemen § 156.10, 156.140 ement action and p Section - III Veter Soluble Pack Yes No "Yes" ackage wgt	ment of Fon nt to EPA.), 156.144, enalties un agging No. per container	Truula for I further 156.146, der sectio	Type of Co	ct. I unde hat if th i6, this pi 4 of FIF onteiner Metel Plastic Slass Peper Other (S Directio	Perstand that e amended roduct may rRA.
It is a violative label is not content in violation in violation in violation in violation in violation in violation is a violation in violation	fill Be Packaged In: Unit Packaging Yes No If "Yes" Unit Packaging wgt. If "Yes" Unit Packaging wgt. If ormation Conteiner	No. per container 4. Size(s) Retail C 16 oz, 32 oz	Confidential States any false statemen §§ 156.10, 156.140 ment action and p Section - III Vater Soluble Pack Yes No Yes No 'Yes' ackage wgt	ment of Fon nt to EPA.), 156.144, enalties un agging No. per container	Truula for I further 156.146, der sectio	Type of Co	ct. I unde hat if th i6, this pi 4 of FIF onteiner Metel Plastic Slass Peper Other (S Directio	erstand that e amended roduct may 'RA pecify)
It is a violative label is not content in violation i	fill Be Packaged In: Unit Packaging Yes No If "Yes" Unit Packaging wgt. If "Yes" Unit Packaging wgt. If ormation Conteiner	No. per container 4. Size(s) Rotail C 16 oz, 32 oz	Confidential States any false statemen §§ 156.10, 156.140 ment action and p Section - III Vater Soluble Pack Yes No Yes No 'Yes' ackage wgt	ment of Fon nt to EPA. 1), 156.144, enalties un reging No. per container	Truula for I further 156.146, der sectio	Type of Co	ct. I unde hat if th i6, this pi 4 of FIF onteiner Metel Plastic Slass Peper Other (S Directio	Perstand that e amended roduct may rRA.
It is a violation label is not complete in violation be in violation. 1. Material This Product With Child-Resistent Packeging Yes* No * Certification must be submitted 3. Location of Net Content Kabel 5. Manner in Which Label is	fill Be Packaged In: Unit Packaged In: Unit Packaging Yes No If "Yes" Unit Packaging wgt. If a school of the school of th	No. per container 4. Size(s) Rotail C 16 oz, 32 oz	Contridential States any false statemen §§ 156.10, 156.140 ement action and p Section - III Vater Soluble Pack Yes No "Yes" ackage wgt ontainer	nent of For nt to EPA. 1), 156.144, enalties un reging No. per container	Truula for 1 further 156.146, der sectio 2. 5. Locetio X f necesse	Type of Co	ct. I unde hat if th 6, this p 4 of FIF enteiner Metel Plastic Glass Peper Other (S Direction g accomp	erstand that e amended roduct may 'RA pecify) ns penying product
	fill Be Packaged In: Unit Packaged In: Unit Packaging Yes No If "Yes" Unit Packaging wgt. If a school of the school of th	No. per container 4. Size(s) Rotail C 16 oz, 32 oz	Contridential States any false statemen §§ 156.10, 156.140 ement action and p Section - III Veter Soluble Pack Yes No "Yes" ackage wgt ontainer	nent of For nt to EPA. 1), 156.144, enalties un reging No. per container	Truula for 1 further 156.146, der sectio 2. 5. Locetio X f necesse	Type of Co	ct. I unde hat if th 6, this p 4 of FIF onteiner Motel Plastic Glass Peper Dther (S Direction g accomp ess this	erstand that e amended roduct may 'RA pecify) ns panying product epplication.) a No. (Include Area Code)
	fill Be Packaged In: fill Be Packaged In: Unit Packaging Yes No If "Yes" Unit Packaging wgt. If a Yes" Unit Packaging wgt. If a Yes" Information Container is Affixed to Product te items directly below f terments I have made on any knowingly false or n	No. per If container If 4. Size(s) Retail C 16 oz, 32 oz Lithograph Paper gluec Stenciled Stenciled Certification of Title Certification	Contridential States any false statemen § 156.10, 156.140 ement action and p Section - III Veter Soluble Pack Yes No Yes ackage wgt container	ment of For nt to EPA. 1), 156.144, enalties un reging No. per container Other Other Affa (Troula for I further I 56. 146, der section 2. 5. Location Toology To	Type of Co Type of Co	ct. I unde hat if th 6, this p 4 of FIF enteiner Metel Plastic Glass Peper Other (S Direction g accomp ess this elephone 01-483-	erstand that e amended roduct may 'RA
It is a violation label is not complete in violation of the inviolation of the submitted sector of	fill Be Packaged In: fill Be Packaged In: Unit Packaging Yes No If "Yes" Unit Packaging wgt. If "Yes" Unit Packaging wgt. If a fixed to Product te items directly below f te items directly below f	No. per container 4. Size(s) Retail C 16 oz, 32 oz Certification of Title Certification this form and all a nisleading statemer	Contridential States any false statemen is 156.10, 156.140 ement action and p Section - III Veter Soluble Pack Yes No "Yes" ackage wgt ontainer is container g individual to be co Director i Regulatory thachments theret in may be punishe	ment of For nt to EPA. 1), 156.144, enalties un reging No. per container Other	Trivula for I further I 56. 146, der section 2. 5. Location 7. necesses	Type of Co Type of Co	ct. I unde hat if th 6, this p 4 of FIF enteiner Metel Plastic Glass Peper Other (S Direction g accomp ess this elephone 01-483-	erstand that e amended roduct may 'RA
	fill Be Packaged In: fill Be Packaged In: Unit Packaging Yes No If "Yes" Unit Packaging wgt. If a Yes" Unit Packaging wgt. If a Yes" Information Container is Affixed to Product te items directly below f terments I have made on any knowingly false or n	No. per container 4. Size(s) Retail C 16 oz, 32 oz Certification of Title Certification this form and all a nisleading statemer	Contridential States any false statement is 156.10, 156.140 ement action and p Section - III Veter Soluble Pack Yes No Yes ackage wgt ontainer	ment of For nt to EPA. 1), 156.144, enalties un reging No. per container Other	Trivula for I further I 56. 146, der section 2. 5. Location 7. necesses	this produc understand and 156.15 ons 12 and 1 Type of Co Type of	ct. I unde hat if th 6, this p 4 of FIF enteiner Metel Plastic Slass Papor Other (S Direction g accomp ess this elephone 01-483-	erstand that e amended roduct may 'RA pecify) ns penying product enving product e

.



Certis USA 9145 Guilford Road Suite 175 Columbia, MD 21046

(301) 604-7340

FAX: 301-604-7015 www.certisusa.com

December 15, 2009

1

Document Processing Desk (NOTIF) Office of Pesticide Programs (7504P) U.S. Environmental Protection Agency 1200 Pennsylvania Ave., NW Washington DC 20460-0001

Re: Certis U.S.A., L.L.C. Notification of label changes per PR Notices 2007-4 and 2008-1: Meen EPA REG. No: 70051-6

Certis USA, L.L.C. respectfully submits the following changes to the label for Meen (EPA Registration Number 70051-6) to comply with the requirements of PR Notices 2007-4 and 2008-1.

Container reuse statements consistent with PR Notice 2007-4 were added to the Storage and Disposal sections, a place to put the lot number was added to the front panel of the label, and the Environmental Hazards statements were replaced with statements recommended by PR Notice 2008-1. No other changes were made to the label.

These materials were originally delivered to the document processing desk on 10/7/09, but did not reach the intended recipient. (Please see the receipt which accompanies this letter). We therefore request that the Agency expedite the review of this submission.

Enclosed in this submission are the following:

- Applications for Registration EPA Forms 8570-1
- A copy of the final label

Please do not hesitate to contact me if you have any questions about this submission. I can be contacted by telephone at 301-483-3806 or by email at <u>cdively@certisusa.com</u>.

Respectfully,

Christino A. Dwelly

Christine A. Dively Director of Regulatory Affairs

 INSECT GROWTH REGULATOR

Meen



FOR ORGANIC GARDENING

Kills or repels various insect pests on ornamentals, trees, lawns, shrubs, flowers, and vegetables in the yard and garden, and in and around interiorscapes and homes. Kills Sod Webworms, Chinch Bugs, and Other Listed Insects.. Kills larval stages of insects.

MEEN disrupts the molting ability of immature insects of many types, inhibits feeding, and acts to disrupt the reproductive capacity of many insect adults.

Active Ingredient:

Azadirachtin	0.09%
Other Ingredients	<u>99.91%</u>
Total	100.0%

EPA Registration No: 70051-6

EPA Establishment No: 44616-MO-01

Keep Out of Reach of Children CAUTION

See Side/Back Panel for Additional Precautionary Statements and First Aid

Net Contents:

Lot Number:

MANUFACTURED BY: CERTIS USA, L.L.C. 9145 GUILFORD ROAD SUITE 175 COLUMBIA, MD 21046

PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals

Caution: Harmful if swallowed. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Causes moderate eye irritation. Harmful if inhaled. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

FIRST AID

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

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

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Hot Line Number: 1-800-255-3924.

Environmental Hazards:

This product is hazardous to fish and aquatic invertebrates.

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

Physical or Chemical Hazards:

Flammable. Keep away from heat and open flame.

Directions for Use

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

General

- Botanical Insecticide Concentrate
- Insecticide, Repellent, Insect Growth Regulator
- All-Purpose Insect Control
- All-Purpose Insecticide
- Broad Spectrum Insecticide
- Broad Spectrum Insect Control
- Insect Anti-Feedant
- Multi-Purpose Insecticide
- Kills and/or repels insects/Japanese beetles.
- Kills larval stages of insects.
- For Indoor and Outdoor Use
- Formulated for Interiorscape use.

General Information

MEEN's effectiveness is based on several modes of action. It disrupts insects' delicate hormonal balance so they die before they molt to the next life stage. MEEN suppresses some insects' desire to feed and also repels many insects in areas that have been sprayed. These different modes of action result in broad spectrum control of the majority of insects that harm your yard and garden.

[MEEN's effectiveness is based on three modes of action:

- 1. Anti-feedant: MEEN suppresses the insect's desire to feed and, therefore, no damage is caused.
- 2. Repellent: Insects simply stay away from areas sprayed with MEEN and, therefore, no damage is caused.
- 3. Insect Growth Regulator: MEEN disrupts the insect's delicate hormonal balance so it dies before it molts to the next life stage.]

MEEN kills or repels a broad assortment of insect pests. MEEN spares many beneficial insects such as honey bees and lady bugs that prey on undesirable insects. Without beneficial insects to control pest populations, plants are even more vulnerable to new infestations.

Neem-based products have been tested and used as effective insecticides in commercial greenhouses. The Neem seed has been the subject of extensive testing throughout the world *[since after WWII]*. Neem has been tested at major universities throughout the U.S. since 1982.

The active ingredient in MEEN is an extract from the seeds of the neem tree, a renewable resource. Parts of the neem tree have been used over the centuries for highly effective insecticidal and medicinal purposes. The neem tree is native to India, Africa, and several other tropical countries. Over the years, people have stored their food grains, in the home, free from pest infestation by adding whole or chopped neem seeds. The trees are also planted in backyards and common areas in order to repel insects.

Shake well before using.

Use spray solutions within 8 hours of mixing for maximum effectiveness. Do not store diluted spray solution for later use.

Not for use in food handling areas.

Since MEEN interferes with insect growth function, it is most effective when applied 2-3 times at 7-10 day intervals.

Application directly onto the target pest will increase efficacy. Time applications for early to mid-morning or in the late afternoon.

Do not add other chemicals to MEEN solutions.

Do not apply to wilted, stressed, or newly transplanted materials prior to root development. Do not apply to known sensitive plant species without prior testing.

Known Sensitive Plants

Do not apply MEEN to the following plant species due to potential plant damage:

Hibiscus flowers

The Following Section Contains Directions For Concentrate Products Use

(1) Foliar Application (Bedding & Potted Plants)

For use on bedding plants, potted and foliage plants, ornamentals, trees and shrubs, in and around homes to control the immature or larval forms of the following insect pests:

PESTS

USE DIRECTIONS

Leafhoppers Leafminers Dilute MEEN to a concentration Whiteflies of 3 fl. Oz. (6 tablespoons) of MEEN per gallon of water (1 Thrips part MEEN to 40 parts water). Mealybugs Mix thoroughly. Apply with a Loopers Caterpillars hand sprayer as a fine spray to leaf surfaces to run-off. Be sure Aphids Fruitflies to coat undersides of leaves as Beet armyworms this is where many insects hide. Mexican Bean Beetles Avoid excessive application

(2) Foliar Application (Trees & Shrubs)

For use on trees and shrubs on residential landscapes to control the immature larval stages of the following insect pests:

PESTS

Leafhoppers Leafminers Gypsy moths Weevils Psyllids Webworms Hornworms Spruce budworms Pine sawflies Elm leaf beetle Bagworms Tent Caterpillars Grasshoppers

USE DIRECTIONS

Dilute MEEN to a concentration of 3 fl. Oz. (6 tablespoons) of MEEN per gallon of water (1 part MEEN to 40 parts water). Mix thoroughly. Apply with a hand sprayer as a fine spray to leaf surfaces to run-off. Be sure to coat undersides of leaves as this is where many insects hide. Avoid excessive application.

(3) Lawn Application

For home lawns to control the following insect pests:

PESTS

Mole crickets White grubs Sod webworms Fall armyworms Chinch bugs Hyperodes weevils Billbugs Crane flies

USE DIRECTIONS

Dilute 2 fl. Oz. (4 tablespoons) of MEEN in 1 gallon of water. Apply at the rate of 5 gallons spray solution per 2000 square feet. Apply MEEN 2-3 times on a 7-10 day interval to insure effective control of surface and sub-surface feeding pests. Do not apply MEEN to newly seeded lawns. Best timing for initial white grub application will vary by region but is generally early to mid summer and again in the fall. If in doubt, contact your local university research or extension specialist for the periods when white grubs are feeding in your area.

(4) Yard and Landscape MEEN Concentrate

For use around the home to control the following insects:

PESTS

Aphids Caterpillars Gypsy moth larvae Immature tent beetles Webworms Bagworms Lace bugs Box elder bugs Leafhoppers Psyllids Sawfly larvae Wooly aphids

USE DIRECTIONS

Always use freshly mixed spray solution. Use soft water whenever possible. Use with caution on new tender foliage, and do not apply to plants in direct sunlight. When insects are first noticed, apply a mixture of 3 fl. Oz. (6 tablespoons) of MEEN per gallon of water (1 part MEEN to 40 parts water). Repeat applications 2-3 times on a 7-day interval. When infestations are heavy, apply on a 3-4 day interval until populations

are reduced.

(5) House Plant Application

For use on house plants to kill or repel the following insect pests:

<u>PESTS</u>

Leafhoppers Leafminers Whiteflies Thrips Mealybugs Loopers Caterpillars Aphids Fruitflies Beet armyworms Mexican bean beetles Fungus gnats

USE DIRECTIONS

Dilute MEEN to a concentration of 0.42 fl. Oz. (2 1/2 teaspoons) of MEEN per pint of water. Mix thoroughly. Adjust spray bottle nozzle to spray setting and apply MEEN to leaf surfaces until completely wet. Be sure to coat undersides of leaves especially those at the soil surface as this is where many insects hide. Avoid excessive application.

(6) Vegetable and Fruit Crop Application

For use on vegetable and fruit crops to kill or repel the following insect pests:

PESTS

Armyworms Diamondback moths Hornworms Imported cabbageworms Loopers Melonworms Pickleworms Tomato fruitworms Corn earworms Bollworms **Budworms** Whiteflies Thrips Borers Aphids Squash bugs Tent caterpillars

USE DIRECTIONS

Always use freshly mixed spray solution. Use soft water whenever possible. Use with caution on new tender foliage. When insects are first noticed, apply a mixture of 3 fl. Oz. (6 tablespoons) of MEEN per gallon of water (1 part MEEN to 40 parts water). Repeat applications 2-3 times on a 7-day interval. When infestations are heavy, apply on a 3-4 day interval until populations are reduced.

> Mexican bean beetles Pinworms Colorado potato beetles European corn borers

Cucumber beetles Leafminers Vine borers Cutworms Weevils

<u>CROPS</u>

Broccoli **Turnips** Cabbage Tomatoes Melons Kale Mustard Peppers Lentils Squash Lettuce Beans Corn Potatoes Peanuts Asparagus Garlic Parsley Radishes Rutabaga Anise Mint Dill Rosemary Sweet bay Thyme Almonds Pecans **Pistachios** Apples **Pumpkins** Peaches Plums Figs

Bean leaf beetles Leafrollers Grape leaf skeletonizers Twig girdlers Codling moths

Lemons Cauliflower Celery Kohlrabi Carrots Spinach Turnip greens **Brussels** sprouts Sweet potatoes Cucumbers Collards Beets Peas Eggplants Ginger Artichokes Onions Turnips Bok choy Collard greens Mustard greens Basil Chives Marjoram Sage Tarragon Wintergreen Cashews Macadamia nuts Walnuts Cherries Cantaloupes Pears Apricots Oranges Limes

Page 8 of 12

The Following Section Contains Directions for Use of the product in a Hose-End Applicator

HOSE END APPLICATOR INSTRUCTIONS:

- 1. Remove plastic wrap from carton and detach hose-end attachment.
- 2. Screw the longer end of the hose-end attachment onto hose.
- 3. Set valve switch to off position (at right angle to line of water flow).
- 4. Remove child resistant cap from product bottle and screw bottle top onto hoseend attachment until tight.
- 5. Turn faucet on. Begin spraying by turning the valve switch located on top of the attachment clockwise until fully in line with water flow.
- 6. When spraying is complete, turn valve switch counter clockwise to stop product flow.
- 7. Turn off faucet.
- 8. Unscrew product bottle from hose-end attachment, recap bottle and if empty dispose of according to label directions. Unscrew hose-end attachment from hose.

Alternate Hose End Applicator Instructions

- 1. Make sure knob is twisted fully clockwise to OFF position. Shake well, then attach to hose.
- 2. Turn Product Control Button clockwise until the flat portion is flush with the lock tab, then push button all the way in. Avoid squeezing the bottle.
- 3. Turn water on at faucet, aim nozzle toward surface to be sprayed and turn knob counter-clockwise to begin spraying.
- 4. When finished, push Product Control Button to OFF position from opposite side. Return knob and faucet to OFF position. Discharge water pressure by turning knob On and OFF again. Turn Product Control Button counter-clockwise away from lock tab to prevent accidental discharge. Store out of reach of children.

- (7) Foliar Application (Bedding and Potted Plants): For use on bedding plants, potted and foliage plants, ornamentals in and around homes to control the immature or larval forms of the following insect pests:
 - <u>PESTS</u> Leafhoppers Leafminers Whiteflies Thrips Mealybugs Loopers Caterpillars Beet armyworms Aphids

USE DIRECTIONS

The 16 oz. hose end applicator for bedding and potted plants will treat approximately 650 square feet of plant material 3 times. Repeat application 2 to 3 times at an interval of 7-10 days. Apply to leaf surfaces to run-off. Be sure to coat undersides of leaves as this is where many insects hide. Avoid excessive application. Do not apply to known sensitive plants without a prior small scale test application.

(8) Foliar Application (Trees and Shrubs)

For use on trees and shrubs on home landscapes to control the immature larval stages of the following insect pests:

PESTS

Leafminers Leafhoppers Gypsy moths Weevils Psyllids Webworms Hornworms Spruce budworms Pine sawflies Elm leaf beetle Grasshoppers

USE DIRECTIONS

The 16 oz. hose end applicator for trees and shrubs will treat up to 5 ten foot trees. . (*The 32 oz. hose-end applicator for trees and shrubs will treat up to 10 ten foot trees.*) Repeat application 2 to 3 times at an interval of 7-10 days. Apply to leaf surfaces to run-off. Be sure to coat undersides of leaves as this is where many insects hide. Avoid excessive application. (9) Lawn Application: For use on home lawns to control the immature larval stages of the following insect pests:

PESTS

Mole crickets White grubs Sod webworms Fall armyworms Chinch bugs Hyperodes weevil Billbugs

USE DIRECTIONS

The 16 oz. hose-end applicator for lawns will treat approximately 1,000-2,000 square feet. (*The 32 oz.* hose-end applicator for lawns will treat approximately 2,000-4,000 square feet.) Apply MEEN 2-3 times on a 7-10 day interval to insure effective control of surface and sub-surface feeding pests. Unf 15

10) Hose-end Sprayer Refill ^(a)

1. Remove child resistant cap from product bottle and screw bottle top onto hose-end attachment until tight.

2. Turn faucet on. Begin spraying by turning the valve switch located on top of the attachment clockwise until fully in line with water flow.

3. When spraying is complete, turn valve switch counter clockwise to stop product flow.

4. Turn off faucet.

5. Unscrew product bottle from hose-end attachment, recap bottle and if empty dispose of according to label directions. Unscrew hose-end attachment from hose.

(a) Will also contain appropriate application directions as per the foregoing.

The Following Section Contains Directions For Use Of The Product As A Repellent

Repellency Against Japanese Beetles and Other Pests:

MEEN repels a variety of pests including armyworms, aphids, and Japanese Beetles. Dilute MEEN to a concentration of 3 fl. Oz. (6 tablespoons) of MEEN per gallon of water (1 part MEEN to 40 parts water). Mix thoroughly. Apply to plants with a hand sprayer, being sure to completely cover foliage and flowers. Apply just before pests emerge or at first sign of infestation. Repeat applications every 3-7 days or immediately after significant rainfall.

Storage and Disposal

Pesticide Storage: Keep in original container. Store in a cool, dry place, away from direct sunlight, feed or foodstuffs. Keep container tightly sealed when not in use. Do not store below $50^{\circ}F(10^{\circ}C)$ or above $95^{\circ}F(35^{\circ}C)$.

Pesticide and Container Handling: If empty: Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

WARRANTY

Certis USA, L.L.C. warrants that the material contained herein conforms to the description on the label and is reasonably fit for the purposes referred to in the directions for use. Timing and method of application, weather, watering practices, nature of soil, the insect problem, condition of the crop, incompatibility with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herein. NO OTHER EXPRESS OR IMPLIED WARRANTY OF THE FITNESS OR MERCHANTABILITY IS MADE.

M120604 081007 091809.JBG

.