59639-114 6/2/2008

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

Premjitt Halarnkar, Ph.D.

Manager - States & Label Affairs Group
Registration & Regulatory Affairs
Valent U.S.A Corp.
1600 Riviera Avenue
Suite 200
P.O. Box 8025
Walnut Creek, CA 94596-8025

JUN 0 2 2008

Dear Dr. Halarnkar,

Subject: Fast Track Amendment - Label Revision/Final Printed Labeling

Esteem Ant Bait

EPA Reg. No. 59639-114

Submission dated February 26, 2008

The amendment referred to above, submitted in connection with registration under Section (3)(c)(7) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable. A stamped copy of the label is enclosed for your records.

Please contact Kevin Sweeney at (703) 305-5063 if you have any questions or concerns. Thank you for your cooperation in this matter.

Sincerely,

Richard Gebken

Insecticide Branch

Registration Division (7505P)

FINAL PRINTED LABEL



GROUP 70 INSECTICIDE

[MASTER LABEL]

ESTEEM® ANT BAIT (Insect Growth Regulator)

ACCEPTED
JUN 0 2 2008
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
Registered under
EPA Reg. No. 59639-114

Active Ingredient	By Wt
*Pyriproxyfen	0.50%
Other Ingredients	
Total	

*2-[1-methyl-2-(4-phenoxyphenoxy) ethoxy] pyridine

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE NEXT PAGE FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET CONTENTS POUNDS

[Sub Label 1]

ESTEEM ANT BAIT (Insect Growth Regulator) For use on Ornamental and Nursery Crops



GROUP 76 INSECTICIDE

ESTEEM® ANT BAIT (Insect Growth Regulator)

Active Ingredient	By Wt.
*Pyriproxyfen	
Other Ingredients	
Total	

*2-[1-methyl-2-(4-phenoxyphenoxy) ethoxy] pyridine

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE NEXT PAGE FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET CONTENTS ____ POUNDS

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Harmful if absorbed through skin, inhaled or swallowed. Causes moderate eye irritation. Avoid contact with skin, clothing or eyes. Avoid breathing dust.

FIRST AID

If on skin:

- · 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 inhaled:

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

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 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
- Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact **1-800-892-0099** for emergency medical treatment information.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and other handlers must wear: long-sleeved shirt, long pants, waterproof gloves and socks plus shoes.

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

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. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS:

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE

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

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS. AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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 enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 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 over long-sleeved shirt and long pants, waterproof gloves and socks plus shoes.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product 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 other uses, do not enter treated areas until any dusts have settled.

DISCLAIMER, RISKS OF USING THIS PRODUCT, LIMITED WARRANTY AND LIMITATION OF LIABILITY

IMPORTANT: Read the entire Label Including this Disclaimer, Risks of Using this Product, Limited Warranty, and Limitation of Liability before using this product. If the terms are not acceptable THEN DO NOT USE THE PRODUCT; rather, return the unopened product within 15 days of purchase for a refund of the purchase price.

RISKS OF USING THIS PRODUCT

The Buyer and User (referred to collectively herein as "Buyer") of this product should be aware that there are inherent unintended risks associated with the use of this product which are impossible to eliminate. These risks include, but are not limited to, injury to plants and crops to which this product is applied, lack of control of the target pests or weeds, resistance of the target pest or weeds to this product, injury caused by drift, and injury to rotational crops caused by carryover in the soil. Such risks of crop injury, non-performance, resistance or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, disease, moisture conditions, irrigation practices, condition of the crop at the time of application, presence of other materials either applied in the tank mix with this product or prior to application of this product, cultural practices or the manner of use or application, (or a combination of such factors) all of which are factors beyond the control of Valent. The Buyer should be aware that these inherent unintended risks may reduce the harvested yield of the crop in all or a portion of the treated acreage, or otherwise affect the crop such that additional care, treatment and expense are required to take the crop to harvest. If the Buyer chooses not to accept these risks, THEN THIS PRODUCT SHOULD NOT BE APPLIED. By applying this product Buyer acknowledges and accepts these inherent unintended risks AND AGREES THAT ALL SUCH RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER.

Valent shall not be responsible for losses or damages (including, but not limited to, loss of yield, increased expenses of farming the crop or such incidental, consequential or special damages that may be claimed) resulting from use of this product in any manner not set forth on the label. Buyer assumes all risks associated with the use of this product in any manner or under conditions not specifically directed or approved on the label.

LIMITED WARRANTY

Valent warrants only that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the label, under average use conditions, when used strictly in accordance with the label and subject to the Risks of Using This Product as described above. EXCEPT AS SET FORTH ABOVE, VALENT MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED. No agent or representative of Valent or Seller is authorized to make or create any other express or implied warranty.

LIMITATION OF LIABILITY

In no event shall Valent or Seller be liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. The limitation includes, but is not limited to, loss of yield on all or any portion of the treated acreage, increased care, treatment or other expenses required to take the crop to harvest, increased finance charges or altered finance ratings, emotional or mental distress and/or exemplary damages. THE EXCLUSIVE REMEDY OF THE BUYER, AND THE EXCLUSIVE MAXIMUM LIABILITY OF VALENT OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT OR, AT THE ELECTION OF VALENT OR SELLER, THE REPLACEMENT OF THE PRODUCT.

PROMPT NOTICE OF CLAIM

Valent must be provided notice as soon as Buyer has reason to believe it may have a claim, but in no event later than twenty-one days from date of planting, or twenty-one days from the date of application, whichever is latter, so that an immediate inspection of the affected property and growing crops can be made.

If Buyer does not notify Valent of any claims, in such period, it shall be barred from obtaining any remedy.

NO AMENDMENTS

Valent and Seller offer this product, and Buyer accepts it, subject to the foregoing **Disclaimer**, **Risks of Using This Product**, **Limited Warranty** and **Limitation of Liability**, which may not be modified by any oral or written agreement.

TANK MIXES

NOTICE: Tank mixing or use of this product with any other product which is not specifically and expressly authorized by the label shall be the exclusive risk of user, applicator and/or application advisor.

Read and follow the entire label of each product to be used in the tank mix with this product.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management purposes, ESTEEM Ant Bait is a group 7C insecticide. Any insect population may contain individuals naturally resistant to ESTEEM Ant Bait and other 7C insecticides. The resistant individuals dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by ESTEEM Ant Bait or other 7C group insecticides, although local experts should be consulted for local resistance recommendations. The classification scheme is based on mode of action. It is recognized that resistance of insects and mites to insecticides and acaricides can also result from enhanced metabolism, reduced penetration or behavioral changes that are not linked to any site of action classification but are specific for individual chemicals or chemical groupings. Despite this, alternation of compounds from different chemical classes remains a viable management technique.

To delay insecticide resistance

- · Avoid exclusive repeated use of insecticides from the same chemical subgroup.
- Integrate other control methods (chemical, cultural, biological) into insect control programs.

For further information contact your local distributor.

GENERAL INFORMATION

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

ESTEEM Ant Bait is an Insect Growth Regulator similar to naturally occurring insect growth hormones which interfere with (stops) their growth or development. ESTEEM Ant Bait breaks the reproductive life cycle of the ants, causing starvation of the colony. ESTEEM Ant Bait is a slow acting, highly effective ant control product. Worker ants pick up the bait granules and take them back to the colony. Workers feed the bait to both the queen and the immature ants thereby preventing worker replacement. Due to degeneration of reproductive organs, the ant queen cannot replace workers. The lack of worker ant replacement results in colony death as the existing worker ants age and die. Within 3 to 4 weeks there is substantial colony mortality and within 8 weeks the majority of the colony population has been eliminated.

WHERE TO USE

For best results, follow directions for specific use areas.

- This product may be used in the following areas: Indoor and outdoor container or field grown ornamentals in commercial nurseries (including trees, shrubs, flowers, evergreens, foliage plants and ground covers); ornamental tree farms; conifers and conifer nurseries; sod farms.
- Bearing and non-bearing fruit and nut trees in commercial nurseries and tree farms.
- Residential/domestic sites, defined as areas associated with the household or home life; including, but not limited to, apartment complexes, condominiums and patient care areas of nursing homes, mental institutions, hospitals or convalescent homes.
- Uncultivated, non-agricultural areas, including airports, roadsides, highway rights-of-way, utility rights-of-way, campgrounds and industrial sites.
- Institutional sites defined as areas around properties or facilities providing a service to public or private organizations including, but not limited to, hospitals, nursing homes, schools, universities, colleges, museums, libraries, sport facilities, golf courses and office buildings.

	colleges, museums, libraries, sport facilities, golf courses and office buildings.			
PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS		
Ants Bigheaded Ant Pavement Ant	Broadcast 1.0 to 1.5 lbs.	Broadcast or Aerial Application: Apply uniformly with ground or aerial equipment calibrated to give the correct dosage. Repeat after 12 to 16 weeks if needed.		
Pavement Ant Red Imported Fire Ant Southern (California) Fire Ant	Individual Mound Treatment 3 to 4 level Tbsps.	WHEN TO APPLY ESTEEM Ant Bait should be applied in the early Spring or Summer at the first sign of ant activity. Applications may be made any time of the day but are more effective when ants are actively foraging, usually when the soil temperature is above 60° F. Avoid application if rain is expected within 4 to 6 hours. Do not water treated area for 24 hours after application. In the event of prolonged rains after initial treatment, reapplication may be necessary. Fall applications of ESTEEM Ant Bait may also be made and will provide extended control into the next season. Make applications before soil temperature falls below 60° F. A second application of ESTEEM Ant Bait may be advisable after 12 to 16 weeks in areas of heavy infestations, or when the mounds remain active, or when a reinfestation occurs. In large mounds, some worker ants may persist for a while after the queen is dead. For 7 to 10 days after treatment, do not apply any other ant pesticide. This is to allow sufficient time for the worker ants to seek out the bait and take it back to the mound. After 14 days, it may be desirable to apply a registered ant pesticide to kill remaining foraging ants. In areas with heavy infestations of ants, individual mounds may be treated with a contact insecticide after a broadcast application of ESTEEM Ant Bait. Wait at least 7 to 10 days after application, and then apply ORTHENE® Turf Tree & Ornamental Spray to individual mounds according to the label. Individual Mound Treatment Do not disturb the mound. Do not apply to top of mounds. Apply 1 to 4 level Tbsps. of ESTEEM Ant Bait per mound, uniformly distributing material 3 to 4 ft. around the mound.		

STORAGE AND DISPOSAL

PROHIBITIONS

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

PESTICIDE STORAGE

Store in a cool dry place.

Keep pesticide in original container.

Keep container closed when not in use.

Do not put concentrate or dilute into food or drink containers.

Not for storage in or around the home.

For help with any spill, leak, fire or exposure involving this material, call day or night 1-800-892-0099.

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

Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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ESTEEM® - Reg. TM of Valent U.S.A. Corporation ORTHENE® - Reg. TM of OMS Investments, Inc.

Manufactured for: **Valent U.S.A. Corporation** P.O. Box 8025 Walnut Creek, CA 94596-8025 www.valentpro.com

Made in U.S.A.

EPA	Reg. No. 59639-114
EPA	Est. No.

[Sub Label 2]

ESTEEM ANT BAIT (Insect Growth Regulator) For use on Agricultural Turf and Food Crops



GROUP 7C INSECTICIDE

ESTEEM® ANT BAIT (Insect Growth Regulator)

Active Ingredient	By Wt.
*Pyriproxyfen	0.50%
Other Ingredients	99.50%
Total	

*2-[1-methyl-2-(4-phenoxyphenoxy) ethoxy] pyridine

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE NEXT PAGE FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET CONTENTS ____ POUNDS

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Harmful if absorbed through skin, inhaled or swallowed. Causes moderate eye irritation. Avoid contact with skin, clothing or eyes. Avoid breathing dust.

FIRST AID

If on skin:

- · 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 inhaled:

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

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 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 eve.
- · Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact **1-800-892-0099** for emergency medical treatment information.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and other handlers must wear: long-sleeved shirt, long pants, waterproof gloves and socks plus shoes.

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

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. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS:

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE

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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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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LIMITED WARRANTY

Valent warrants only that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the label, under average use conditions, when used strictly in accordance with the label and subject to the Risks of Using This Product as described above. EXCEPT AS SET FORTH ABOVE, VALENT MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED. No agent or representative of Valent or Seller is authorized to make or create any other express or implied warranty.

LIMITATION OF LIABILITY

In no event shall Valent or Seller be liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. The limitation includes, but is not limited to, loss of yield on all or any portion of the treated acreage, increased care, treatment or other expenses required to take the crop to harvest, increased finance charges or altered finance ratings, emotional or mental distress and/or exemplary damages. THE EXCLUSIVE REMEDY OF THE BUYER, AND THE EXCLUSIVE MAXIMUM LIABILITY OF VALENT OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT OR, AT THE ELECTION OF VALENT OR SELLER, THE REPLACEMENT OF THE PRODUCT.

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To delay insecticide resistance

- Avoid exclusive repeated use of insecticides from the same chemical subgroup.
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GENERAL INFORMATION

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ESTEEM Ant Bait is an Insect Growth Regulator similar to naturally occurring insect growth hormones which interfere with (stops) their growth or development. ESTEEM Ant Bait breaks the reproductive life cycle of the ants, causing starvation of the colony. ESTEEM Ant Bait is a slow acting, highly effective ant control product. Worker ants pick up the bait granules and take them back to the colony. Workers feed the bait to both the ant queen and the immature ants thereby preventing worker replacement. Due to degeneration of reproductive organs, the queen cannot replace workers. The lack of worker ant replacement results in colony death as the existing worker ants age and die. Within 3 to 4 weeks there is substantial colony mortality and within 8 weeks the majority of the colony population has been eliminated.

FOOD AND FEED CROPS

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Banana	Ants Big-Headed Ant	1.5 to 2.0 lbs.	Broadcast or Aerial Application: Appliuniformly with ground or aerial equipment
Berries:	Pavement Ant	1	calibrated to give the correct dosage
Bingleberry	Red Imported Fire Ant		Repeat after 12 to 16 weeks if needed.
Blackberry	Southern (California) Fire Ant		
Blueberry			WHEN TO APPLY
Boysenberry			ESTEEM Ant Bait should be applied in
Currant			the early Spring or Summer at the firs
Dewberry			sign of ant activity. Applications may be
Elderberry			made any time of the day but are more
Gooseberry			effective when ants are actively foraging
Huckleberry	1	1	usually when the soil temperature i
Juneberry			above 60° F. Avoid application if rain
Lingonberry		i	expected within 4 to 6 hours. Do not water
Loganberry		ļ	treated area for 24 hours after application
Lowberry		1	In the event of prolonged rains after initia
Marionberry			treatment, reapplication may b
Olallieberry			necessary.
Raspberry (black and red)			
Salal			A second application of ESTEEM Ant Ba
Youngberry	1	Ì	may be advisable after 12 to 16 weeks
			areas of heavy infestations, or when the
Brassica Leafy Vegetables:			mounds remain active, or when
Broccoli			reinfestation occurs. In large mound
Broccoli Raab (rapini)			some worker ants may persist for a whi
Brussels Sprouts	}		after the gueen is dead. For 7 to 10 day
Cabbage			after treatment, do not apply any other
Cauliflower			ant pesticide. This is to allow sufficier
Cavalo Broccolo		1	time for the worker ants to seek out the
		1	bait and take it back to the mound. After
Chinese Broccoli (gai lon)			
Chinese Cabbage			14 days, it may be desirable to apply
(bok choy and napa)			registered ant pesticide to kill remainir
Chinese Mustard (gai choy)			foraging ants.
Collards		1	1
Kale			individual Mound Treatment: Apply 2
Kohlrabi			4 level Tbsps. of ESTEEM Ant Bait pe
Mizuna			mound, uniformly distributing material 3
Mustard Greens]		4 ft. around the mound. Do not disturb th
Mustard Spinach	1		mound. Do not apply to top of mound
Rape Greens		1.	Repeat after 12 to 16 weeks if needed.
Bulb Vegetables:			
Garlic			1
Garlic. Great Headed		1 .	
Leek	1		
Onion, Dry Bulb			
Onion, Green	,	-	
Onion, Welsh			
Shatlot		1	1

continued

Do not apply within 24 hours of harvest.

Regardless of formulation, the maximum amount of pyriproxyfen that may be applied per acre per season is as follows:

For Banana, do not exceed 0.134 lb. pyriproxyfen per acre per season.

For Berries, do not exceed 0.218 lb. pyriproxyfen per acre per season.

For Brassica Leafy Vegetables, do not exceed 0.134 lb. pyriproxyfen per acre per season.

For Bulb Vegetables, do not exceed 0.134 lb. pyriproxyfen per acre per season.

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Cacao Bean	Ants	1.5 to 2.0 lbs.	Broadcast or Aerial Application: Apply
	Big-Headed Ant		uniformly with ground or aerial equipment
Canola	Pavement Ant		calibrated to give the correct dosage.
Canora	Red Imported Fire Ant		Repeat after 12 to 16 weeks if needed.
Cereal Grains:	Southern (California) Fire Ant	1	Repeat after 12 to 10 weeks if fleeded.
Barley	Council (Camorina) i lie Alic		WHEN TO APPLY
Corn Buckwheat			ESTEEM Ant Bait should be applied in
Pearl Millet			the early Spring or Summer at the first
			sign of ant activity. Applications may be
Proso Millet Oats	1		
	· ·		made any time of the day but are more
Popcorn.	·		effective when ants are actively foraging,
Rice			usually when the soil temperature is
Rye		1	above 60° F. Avoid application if rain is
Sorghum		,	expected within 4 to 6 hours. Do not water
Teosinte			treated area for 24 hours after application.
Triticale			In the event of prolonged rains after initial
Wheat			treatment, reapplication may be
Wild Rice		` .	necessary.
Citrus			A second application of ESTEEM Ant Bait may be advisable after 12 to 16 weeks in
Coffee			areas of heavy infestations, or when the mounds remain active, or when a
Cotton			reinfestation occurs. In large mounds, some worker ants may persist for a while
Cranberry			after the queen is dead. For 7 to 10 days after treatment, do not apply any other
Cucurbits:		}	ant pesticide. This is to allow sufficient
Balsam Apple	*	1.	time for the worker ants to seek out the
Balsam Pear			bait and take it back to the mound. After
Bitter Melon			14 days, it may be desirable to apply a
Cantaloupe			registered ant pesticide to kill remaining
Chayote			foraging ants.
Chinese Cucumber			· ·
Chinese Waxgourd			Individual Mound Treatment: Apply 2 to
Citron Melon	1		4 level Tbsps. of ESTEEM Ant Bait per
Cucumber	1	1	mound, uniformly distributing material 3 to
Edible Gourd			4 ft. around the mound. Do not disturb the
Gherkin	1		mound. Do not apply to top of mounds.
Momordica spp.		1	Repeat after 12 to 16 weeks if needed.
Muskmelon	1		
Pumpkin			
Summer Squash			
Watermelon		1	
Winter Squash			
- Transfer Oquadri			
Dates			
Fig			
Do not apply within 24 hor	ure of homicot	1	

Do not apply within 24 hours of harvest.

Regardless of formulation, the maximum amount of pyriproxyfen that may be applied per acre per season is as follows:

For Cacao Bean, do not exceed 0.04 lb. pyriproxyfen per acre per season. For Canola, for see only, do not exceed 0.04 lb. pyriproxyfen per acre per season.

For Cereal Grains, do not exceed 0.04 lb. pyriproxyfen per acre per season.

For Citrus, do not exceed 0.134 lb. pyriproxyfen per acre per season. For Cotton, do not exceed 0.067 lb. pyriproxyfen per acre per season.

For Coffee, do not exceed 0.04 lb. pyriproxyfen per acre per season. For Cranberry, do not exceed 0.218 lb. pyriproxyfen per acre per season.

For Cucurbits, do not exceed 0.134 lb. pyriproxyfen per acre per season.

For Dates, do not exceed 0.04 lb. pyriproxyfen per acre per season. For Fig, do not exceed 0.043 lb. pyriproxyfen per acre per season.

continued

		PRODUCT	
CROPS	PESTS	RATES	SPECIAL INSTRUCTIONS
		PER ACRE	G. 20.12.11.011.0011.011
Fruiting Vegetables: Eggplant Ground Cherry Okra Pepino Pepper Tomatillo Tomato Grapes	Ants Big-Headed Ant Pavement Ant Red Imported Fire Ant Southern (California) Fire Ant	PER ACRE 1.5 to 2.0 lbs.	Broadcast or Aerial Application: Apply uniformly with ground or aerial equipment calibrated to give the correct dosage. Repeat after 12 to 16 weeks if needed. WHEN TO APPLY ESTEEM Ant Bait should be applied in the early Spring or Summer at the first sign of ant activity. Applications may be made any time of the day but are more effective when ants are actively foraging, usually when the soil temperature is above 60°F. Avoid application if rain is expected within 4 to 6 hours. Do not water treated area
			for 24 hours after application. In the event of prolonged rains after initial treatment, reapplication may be necessary. A second application of ESTEEM Ant
			Bait may be advisable after 12 to 16 weeks in areas of heavy infestations, or when the mounds remain active, or when a reinfestation occurs. In large mounds, some worker ants may persist for a while after the queen is dead. For 7 to 10 days after treatment, do not apply any other ant
			pesticide. This is to allow sufficient time for the worker ants to seek out the bait and take it back to the mound. After 14 days, it may be desirable to apply a registered ant pesticide to kill remaining foraging ants.
		·	Individual Mound Treatment: Apply 2 to 4 level Tbsps. of ESTEEM Ant Bait per mound, uniformly distributing material 3 to 4 ft. around the mound. Do not disturb the mound. Do not apply to top of mounds. Repeat after 12 to 16 weeks if needed.

Do not apply within 24 hours of harvest.

Regardless of formulation, the maximum amount of pyriproxyfen that may be applied per acre per season is as follows:

For Fruiting Vegetables, do not exceed 0.134 lb. pyriproxyfen per acre per season.

For Grapes, do not exceed 0.218 pyriproxyfen per acre per season.

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Legume Vegetables	Ants	1.5 to 2.0 lbs.	Broadcast or Aerial Application: Apply
(Succulent or Dried):	Big-Headed Ant	1.5 to 2.0 ibs.	uniformly with ground or aerial equipment
Beans (Lupinus):	Pavement Ant		calibrated to give the correct dosage.
Grain Lupin	Red Imported Fire Ant		Repeat after 12 to 16 weeks if needed.
Sweet Lupin	Southern (California) Fire Ant		Repeat after 12 to 10 weeks if fleeded.
White Lupin	Southern (California) File Ant		WHEN TO APPLY
White Sweet Lupin	•		
Beans (Phaaseolus):		ļ	ESTEEM Ant Bait should be applied in
Field Bean	•		the early Spring or Summer at the first
Kidnev Bean			sign of ant activity. Applications may be
,,		1	made any time of the day but are more
Lima Bean			effective when ants are actively foraging,
Navy Bean			usually when the soil temperature is
Pinto Bean			above 60° F. Avoid application if rain is
Runner Bean			expected within 4 to 6 hours. Do not water
Snap Bean	·		treated area for 24 hours after application.
Tepary Bean		Ì	In the event of prolonged rains after initial
Wax Bean			treatment, reapplication may be
Bean (Vigna):			necessary.
Adzuki Bean			
Asparagus Bean			A second application of ESTEEM Ant Bait
Blackeyed Pea			may be advisable after 12 to 16 weeks in
Catjang			areas of heavy infestations, or when the
Chinese Longbean			mounds remain active, or when a
Cowpea			reinfestation occurs. In large mounds,
Crowder Pea	·		some worker ants may persist for a while
Moth Bean			after the queen is dead. For 7 to 10 days
Mung Bean			after treatment, do not apply any other
Rice Bean	·		ant pesticide. This is to allow sufficient
Southern Pea		,	time for the worker ants to seek out the
Urd Bean			bait and take it back to the mound. After
Yardlong Bean			14 days, it may be desirable to apply a
Broad Bean (fava)			registered ant pesticide to kill remaining
Chickpea (garbanzo)	•		foraging ants.
Guar			
Jackbean			Individual Mound Treatment: Apply 2 to
Lablab Bean			4 level Tbsps. of ESTEEM Ant Bait per
Lentil	·		mound, uniformly distributing material 3 to
Pea (Pisum):			4 ft. around the mound. Do not disturb the
Dwarf Pea			mound. Do not apply to top of mounds.
Edible-podded Pea			Repeat after 12 to 16 weeks if needed.
English Pea	· ·		
Field Pea			ļ
Garden Pea			
Green Pea			
Snowpea			
Sugar Snap Pea		•	
Pigeon Pea			1
Soybean	· ·		
Sword Bean		1	
D - 1 - 1 - 11 - 11 - 041			<u></u>

Do not apply within 24 hours of harvest.

Regardless of formulation, the maximum amount of pyriproxyfen that may be applied per acre per season is as follows:

For Legume Vegetables, (Succulent or Dried), do not exceed 0.134 lb. pyriproxyfen per acre per season.

	The state of the s	PRODUCT	T T
CROPS	PESTS	RATES	SPECIAL INSTRUCTIONS
CKOI G	120.0	PER ACRE	GF LOIAL INSTRUCTIONS
Nongrass Animal Feeds:	Ants	1.5 to 2.0 lbs.	Broadcast or Aerial Application: Apply
Alfalfa	Big-Headed Ant	1.0 10 2.0 150.	uniformly with ground or aerial equipment
Clover	Pavement Ant		calibrated to give the correct dosage.
Kudzu	Red Imported Fire Ant		Repeat after 12 to 16 weeks if needed.
Lespedeza	Southern (California) Fire Ant	•	1.0000000000000000000000000000000000000
Lupin	,		WHEN TO APPLY
Sainfoin			ESTEEM Ant Bait should be applied in
Trefoil			the early Spring or Summer at the first
Velvet Bean	'		sign of ant activity. Applications may be
Vetch			made any time of the day but are more
Vetch, Crown			effective when ants are actively foraging,
Vetch, Milk		·	usually when the soil temperature is
•		*	above 60° F. Avoid application if rain is
Olives			expected within 4 to 6 hours. Do not water
			treated area for 24 hours after application.
Pasture Grass	j .	,	In the event of prolonged rains after initial
4			treatment, reapplication may be
PawPaw			necessary.
Peanuts			A second application of ESTEEM Ant Bait
·			may be advisable after 12 to 16 weeks in
Pineapple			areas of heavy infestations, or when the
••			mounds remain active, or when a
Plantain			reinfestation occurs. In large mounds,
•			some worker ants may persist for a while
Pome Fruits:			after the queen is dead. For 7 to 10 days
Apple			after treatment, do not apply any other ant
Crabapple			pesticide. This is to allow sufficient time
Loquat			for the worker ants to seek out the bait
Mayhaw			and take it back to the mound. After 14
Oriental Pear			days, it may be desirable to apply a
Pear	· ·		registered ant pesticide to kill remaining
Quince			foraging ants.
_	•		Bearing Almond Timing: In bearing
Pomegranate			almond orchards apply at 6 to 8 weeks
			prior to harvest to protect fallen nuts.
Rangeland			Repeat after 12 to 16 weeks if needed.
			. topodt ditor 12 to 10 troote ii flooded.
			Individual Mound Treatment: Apply 2
			to 4 level Tbsps. of ESTEEM Ant Bait
			per mound, uniformly distributing
•			material 3 to 4 ft. around the mound. Do
			not disturb the mound. Do not apply to
			top of mounds. Repeat after 12 to 16
			weeks if needed.

Do not apply within 24 hours of harvest.

Regardless of formulation, the maximum amount of pyriproxyfen that may be applied per acre per season is as follows: For Nongrass Animal Feeds, do not exceed 0.04 lb. pyriproxyfen per acre per season. For Olives, do not exceed 0.218 lb. pyriproxyfen per acre per season.

For Pasture Grass, do not exceed 0.134 lb. pyriproxyfen per acre per season.

For PawPaw, do not exceed 0.327 lb. pyriproxyfen per acre per season. For Peanuts, do not exceed 0.04 lb. pyriproxyfen per acre per season.

For Pineapple, do not exceed 0.134 lb. pyriproxyfen per acre per season. For Plantain, do not exceed 0.134 lb. pyriproxyfen per acre per season.

For Pome Fruits, do not exceed 0.218 lb. pyriproxyfen per acre per season.

For Pomegranate, do not exceed 0.134 lb. pyriproxyfen per acre per season. For Rangeland, do not exceed 0.134 lb. pyriproxyfen per acre per season.

continued

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Root & Tuber Vegetables:	Ants	1.5 to 2.0 lbs.	Broadcast or Aerial Application: Apply
Arracacha	Big-Headed Ant		uniformly with ground or aerial equipment
Arrowroot	Pavement Ant		calibrated to give the correct dosage.
Artichoke, Chinese	Red Imported Fire Ant		Repeat after 12 to 16 weeks if needed.
Artichoke, Jerusalem	Southern (California) Fire Ant		Tropodication 12 to 10 Wooks in noodoo.
Beet, Garden	Codinom (Comorma) i no 7 m		WHEN TO APPLY
Beet, Sugar			ESTEEM Ant Bait should be applied in
Burdock, Edible			the early Spring or Summer at the first
Canna, Edible	l		sign of ant activity. Applications may be
Carrot		•	made any time of the day but are more
Cassava, (bitter and sweet)			effective when ants are actively foraging,
Celeriac			usually when the soil temperature is
Chaoyote (root)			above 60° F. Avoid application if rain is
Chervil, Turnip-rooted			expected within 4 to 6 hours. Do not water
Chicory			treated area for 24 hours after application.
Chufa		•	In the event of prolonged rains after initial
Dasheen (taro)	·		treatment, reapplication may be
Ginger			necessary.
Ginseng			
Horseradish			. A second application of ESTEEM Ant Bait
Leren			may be advisable after 12 to 16 weeks in
Parsley, Turnip-rooted			areas of heavy infestations, or when the
Parsnip			mounds remain active, or when a
Potato			reinfestation occurs. In large mounds,
Radish			
			some worker ants may persist for a while
Radish, Oriental	l .		after the queen is dead. For 7 to 10 days
Rutabaga		İ	after treatment, do not apply any other ant
Salsify			pesticide. This is to allow sufficient time
Salsify, Black			for the worker ants to seek out the bait
Salsify, Spanish	i .		and take it back to the mound. After 14
Skirret			days, it may be desirable to apply a
Sweet Potato			registered ant pesticide to kill remaining
Tanier			foraging ants.
Turmeric			loraging anto.
	ĺ		Bassing Alasand Timinas In hands
Turnip			Bearing Almond Timing: In bearing
Yam, Bean			almond orchards apply at 6 to 8 weeks
Yam, True	İ		prior to harvest to protect fallen nuts.
	·		Repeat after 12 to 16 weeks if needed.
Safflower			
			Individual Mound Treatment: Apply 2 to
Sesame			4 level Tosps, of ESTEEM Ant Bait per
Cosamo	·		mound, uniformly distributing material 3 to
Stone Emilte:			4 ft. around the mound. Do not disturb the
Stone Fruits:			
Apricot			mound. Do not apply to top of mounds.
Cherry, Sweet & Tart			Repeat after 12 to 16 weeks if needed.
Chickasaw Plum			
Damson Plum	ĺ		
Fresh Prune	1]	
Japanese Plum		·	
Nectarine			
Peach	:		
Plum			
Plumcot		[
Prune			
		•	

Do not apply within 24 hours of harvest.

Regardless of formulation, the maximum amount of pyriproxyfen that may be applied per acre per season is as follows:

For Root and Tuber Vegegtables, do not exceed 0.109 lb. pyriproxyfen per acre per season.

For Safflower, do not exceed 0.04 lb. pyriproxyfen per acre per season.

For Sesame, do not exceed 0.04 lb. pyriproxyfen per acre per season.

For Stone Fruits, do not exceed 0.327 lb. pyriproxyfen per acre per season.

For Sugarcane, do not exceed 0.04 pyriproxyfen per acre per season.

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Strawberry	Ants	1.5 to 2.0 lbs.	Broadcast or Aerial Application: Apply
Tea	Big-Headed Ant Pavement Ant Red Imported Fire Ant		uniformly with ground or aerial equipment calibrated to give the correct dosage. Repeat after 12 to 16 weeks if needed.
Tree Nuts:	Southern (California) Fire Ant		,,
Almond			WHEN TO APPLY
Beechnut			ESTEEM Ant Bait should be applied in
Brazil			the early Spring or Summer at the first
Butternut			sign of ant activity. Applications may be
Cashew	,		made any time of the day but are more
Chestnut			effective when ants are actively foraging,
Chinquapin			usually when the soil temperature is
Filbert (Hazelnut)	·		above 60° F. Avoid application if rain is
Hickory			expected within 4 to 6 hours. Do not water
Macadamia	· ·		treated area for 24 hours after application.
Pecan			In the event of prolonged rains after initial
Pistachio			treatment, reapplication may be
Walnut			necessary.
Tropical & Subtropical Fruits:			A second application of ESTEEM Ant Bait
Acerola			may be advisable after 12 to 16 weeks in
Atemoya			areas of heavy infestations, or when the
Avocado		:	mounds remain active, or when a
Biriba			reinfestation occurs. In large mounds,
Black Sapote			some worker ants may persist for a while
Canistel			after the queen is dead. For 7 to 10 days
Cherimoya			after treatment, do not apply any other
Custard Apple			ant pesticide. This is to allow sufficient
Feijoa			time for the worker ants to seek out the
Guava	•		bait and take it back to the mound. After
llama		1	14 days, it may be desirable to apply a
Jaboticaba			registered ant pesticide to kill remaining
Longan		5	foraging ants.
Lychee			An all describes and The standards Annih Ode
Mamey Sapote			Individual Mound Treatment: Apply 2 to
Mango			4 level Tbsps. of ESTEEM Ant Bait per mound, uniformly distributing material 3 to
Passionfruit		l	4 ft. around the mound. Do not disturb the
Papaya			
Pulasan			mound. Do not apply to top of mounds. Repeat after 12 to 16 weeks if needed.
Rambutan			Repeat after 12 to 16 weeks if needed.
Sapodilla			
Soursop			
Spanish Lime		•	
Star Apple Starfruit			
h	1		
Sugar Apple Wax Jambu			
Ugli Fruit			
White Sapote			
D 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		L	<u> </u>

- Do not apply within 24 hours of harvest.
- Regardless of formulation, the maximum amount of pyriproxyfen that may be applied per acre per season is as follows: Regardless of formulation, the maximum amount of pyriproxyfen that may be applied per acre For Strawberry, do not exceed 0.134 lb. pyriproxyfen per acre per season.

 For Tea, do not exceed 0.04 lb. pyriproxyfen per acre per season.

 For Tree Nuts, do not exceed 0.218 lb. pyriproxyfen per acre per season.

 For Tropical & Subtropical Fruits, do not exceed 0.218 lb. pyriproxyfen per acre per season.

 For Ugli Fruit, do not exceed 0.134 lb. pyriproxyfen per acre per season.

 For White Sapote, do not exceed 0.134 lb. pyriproxyfen per acre per season.

TURFGRASS

CROP	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Sod Farms	Ants Bigheaded Ant Pavement Ant Red Imported Fire Ant Southern (California) Fire Ant	Broadcast 1.0 to 1.5 lbs. Individual Mound Treatment 3 to 4 level Tbsps.	Broadcast or Aerial Application: Apply uniformly with ground or aerial equipment calibrated to give the correct dosage. Repeat after 12 to 16 weeks if needed.
	Sodinem (Galilottila) File Ant	3 to 4 level 1 bsps.	WHEN TO APPLY ESTEEM Ant Bait should be applied in the early Spring or Summer at the first sign of an activity. Applications may be made any time of the day but are more effective when ants are actively foraging, usually when the soint temperature is above 60° F. Avoid application in rain is expected within 4 to 6 hours. Do not water treated area for 24 hours after application. In the event of prolonged rains after initial treatment, reapplication may be necessary.
			Fall applications of ESTEEM Ant Bait may also be made and will provide extended control into the next season. Make applications before so temperature falls below 60°F.
	·		A second application of ESTEEM Ant Bait may be advisable after 12 to 16 weeks in areas of heavy infestations, or when the mounds remain active, or when a reinfestation occurs. In large mounds, some worker ants may persist for a while after the queen is dead. For 7 to 10 days after treatment, do not apply any other an pesticide. This is to allow sufficient time for the worker ants to seek out the bait and take it back to the mound. After 14 days, it may be desirable to apply a registered ant pesticide to kill remaining foraging ants.
			In areas with heavy infestations of ants individual mounds may be treated with a contact insecticide after a broadcas application of ESTEEM Ant Bait. Wait at least to 10 days after application, and then apply ORTHENE® Turf Tree & Ornamental Spray to individual mounds according to the label.
	·	,	Individual Mound Treatment Do not disturb the mound. Do not apply to top of mounds. Apply 1 to 4 level Tbsps. o ESTEEM Ant Bait per mound, uniformly distributing material 3 to 4 ft. around the mound. Repeat after 12 to 16 weeks if needed

STORAGE AND DISPOSAL

PROHIBITIONS

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

PESTICIDE STORAGE

Store in a cool dry place.

Keep pesticide in original container.

Keep container closed when not in use.

Do not put concentrate or dilute into food or drink containers.

Not for storage in or around the home.

For help with any spill, leak, fire or exposure involving this material, call day or night 1-800-892-0099.

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

Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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