PM#	10		Reg #		85 d. OMB No. 207			10/19
	Environmental	ited States			Registration Amendme Other	on	OPP Identifi	
	4	Applicatio	n for Pestici	de - Section	1			
1. Company/Product Nur Abbott Labora				Product Managor et Andersen	l .	3. Pro	posed Classi	-
4. Company/Product (Na Abbott Laborat	no) pries/XenTari WDG		PM#	90			None	Restricted
5. Name and Address of	Applicent (Include ZIP Cod		(b)(i), n to: EPA I	edited Review ny product is sir Reg. No	nilar or identica	al in cor	mposition a	
			Section -					*******
Notification - Exp	esponse to Agency letter of lain below. 		n I and Section II.)	Final printed lab Agency letter da "Me Too" Appli Other - Explain 1 NOT I F I Ca	cation. below.	o 		
			Section -	1				
1. Material This Product Child-Resistant Packagir Yes* No * Certification must ba submitted	g Unit Packaging Yes No	No. per container	Water Soluble I Yes No If "Yes" Package wgt	Packaging No. per container		Metal Plastic Glass Paper	Specify)	
3. Location of Net Conte	nts Information Container	4. Size(s) Re	tail Container	5.1	Location of Label On Label On Label		ons npanying prod	luct
6. Manner in Which Lab	el is Affixed to Product	Lithog	iraph glued iled	Other		<u></u>		
		Stenc	Section -				<u></u>	<u> </u>
1. Contact Point <i>(Comp</i>	lete items directly below fo	or identificatio			ecessery, to proc	ess this	application.)	-
Nome Marvin H. Alph			Title	g Registrat	т	elephon		e Ares Code)
l certify that the a l acknowledge tha both under applic	tatements I have made on It any knowingly false or m	nisleading stat	i all attachments ti tement may be pui				6. Date Ap Received {Sta	
2. Signature 1. Jan 4. Typed Ajeme Marvin H. Alpl	in for Monu B.	Shike	Manager, A	g Registrat	ions			
			/	112			I	

EPA Form 8570-1 (Rev. 8-94) Previous editions are obsolete.

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Yellow - Applicant Copy

End-Use Product Eligibility for REI Reduction

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Product Name: XenTari Water Dispersible Granule

EPA Reg. No: 275-85

	Acute Dermal Toxicity	Acute Inhalation Toxicity	Primary Eye Irritation	Primary Dermal Irritation	Hypersen- sitivity
Toxicity Category	III	IV	III	IV	N/D
MRID No. (or waiver)	41853301	41859901 41853302	41853303	41853304	
Bridged (Y/N)	N	N	N	N	

There have been no reports of hypersensitivity to this product.

CERTIFICATION STATEMENT

I certify that this notification is complete in accordance with the provisions of EPA's reduced REI policy and that no other changes have been made to the labeling or the confidential statment of formula of this product. I further understand that if this notification does not comply with the terms of EPA's reduced REI policy, this product may be in violation of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA. I understand that the Agency may direct a change in the REI of a product subject to this notice if the Agency determines that a change is appropriate, and that products may be subject to regulatory and enforcement action if the appropriate changes are not made.

Signed:

m tr Man Date: _ 5/31/95

Title:

Manager, Ag. Registrations

XenTari BIOLOGICAL INSECTICIDE

WATER DISPERSIBLE GRANULE BIOLOGICAL INSECTICIDE

Active Ingredient:

Bacillus thuringiensis, subsp. aizawai	
Lepidopteran active toxin(s)	10.3% w/w
Inert Ingredients	
Total:	

Potency: 35,000 Diamondback Moth Units per mg of product or 15.9 billion Diamondback Moth Units per pound of product.

Potency units should not be used to adjust use rates beyond those specified in the Directions For Use Section.

KEEP OUT OF REACH OF CHILDREN

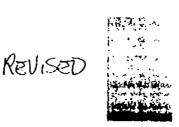
CAUTION

EPA Registration No. 275-85 EPA Est. No. 33762-IA-1 Patent Pending

STATEMENT OF PRACTICAL TREATMENT

In case of contact with eyes or skin, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

xentari.epa Page 1 of 17 rev. 05-30-95



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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

Harmful if swallowed, inhaled, or absorbed through the skin. May cause eye irritation. Avoid breathing dust or spray mist. Avoid contact with skin, eyes, or clothing.

PERSONAL PROTECTIVE EQUIPMENT

WPS USES: For those uses covered by the Worker Protection Standard (40 CFR Part 170) - in general, agricultural plant uses are covered - handlers who may be exposed to the dilute through application or other tasks must wear: long sleeved shirt and long pants, waterproof gloves, shoes plus socks and dust/mist filtering respirator (MSHA/NIOSH approval number prefix TX-21C).

In addition, handlers who may be exposed to the concentrate through mixing, loading, application or other tasks must wear: long sleeved shirt and long pants, waterproof gloves, shoes plus socks and dust/mist filtering respirator (MSHA/NIOSH approval number prefix: TX-21C).

NON-WPS USES: For those uses NOT covered by the Worker Protection Standard 40 CFR Part 170 - in general, agricultural plant uses are covered - mixers, loaders, and applicators must wear a dust mask when handling this product.

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

xentari.epa Page 2 of 17 rev. 05-30-95 4 07 14

USER SAFETY RECOMMENDATIONS

Users should:

 Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 5 of 19

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- 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 product is toxic to 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. Do not contaminate water when disposing of equipment washwaters.

The toxicity of this product to the predatory wasp Trichogramma pretiosum is not known.

This product is toxic to the green lacewing and the predatory mite Metaseiulus occidentalis.

This product is highly toxic to honey bees exposed to direct treatment. Do not apply this product while bees are actively visiting the treatment area.

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 agency responsible for pesticide regulation.

xentari.epa Page 3 of 17 rev. 05-30-95

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 intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. 60f 19

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 and shoes plus socks.

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.

Keep unprotected persons out of treated areas until sprays have dried.

xentari.epa Page 4 of 17 rev. 05-30-95

STORAGE AND DISPOSAL

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

Storage: Reclose containers of unused XenTari. Store in a dry place inaccessible to children and out of sunlight.

7 of 19

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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:

Plastic Bottle: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Metal can: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

DIRECTIONS FOR USE

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

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

Days to Harvest: There are no restrictions on applying XenTari up to the time of harvest. Individual state regulations may vary and should be consulted for allowable pre-harvest application intervals.

Sites: XenTari may be used for any labeled pest in both field and greenhouse use.

XenTari is an insecticide for use against listed caterpillars (larvae) of lepidopterous insects. Close scouting and early attention to infestations is highly recommended. Larvae must eat deposits of XenTari to be affected. Always follow these directions:

- Treat when larvae are young (early instars) before the crop is damaged.

- Larvae must be actively feeding on treated, exposed plant surfaces.

xentari.epa Page 5 of 17 rev. 05 30-95 - Thorough spray coverage is needed to provide a uniform deposit of XenTari at the site of larval feeding. Use overhead and drop nozzles to obtain good spray coverage on both sides of foliage. Use sufficient spray volume to insure uniform deposition on all plant surfaces. Sof 19

- Under heavy pest population pressure, use the higher label rates, shorten the spray interval, and/or raise spray volume to improve spray coverage.
- Repeat applications at an interval sufficient to maintain control, usually 3 to 14 days depending on plant growth rate, moth activity, rainfall after treating, and other factors. If attempting to control a pest with a single spray, make the treatment when egg hatch is essentially complete, but before crop damage occurs.
- A spreader-sticker which has been approved for use on growing and harvested crops should be added for hard-to-wet crops such as cabbage, or to improve weather-fastness of the spray deposits.
- XenTari is a non-restricted use pesticide and does not require a restricted use permit for purchase and use.
- XenTari may be tank mixed with other labeled insecticides to enhance control. Use of the resulting tank mix must be in accordance with the more restrictive label limitations and precautions. No dosage rates should be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing. Before tank mixing XenTari with other labeled products, including spreader stickers, check for tank mix compatibility.

After ingesting a lethal dose of XenTari, larvae stop feeding within the hour, and will die within several hours to 3 days. Mortality varies with larval size (instar), lepidopteran species, and dose consumed. Following ingestion, larvae become sluggish, discolor, then shrivel, blacken and die. Smaller larvae die more quickly-

XenTari may be applied in conventional ground or aerial equipment with quantities of water sufficient to provide uniform coverage of infested plant parts. The volume of water needed per acre will depend on crop development, relative humidity, spray equipment, and local experience. Usually, selection of moderate to high spray volume will provide the best results in most equipment. For optimal results, use at least 3 gallons of water per acre by air; except in arid areas, where 5 to 10 gallons are required. Add water to the mix tank and provide moderate agitation. With agitating, add the required amount of XenTari. Continue agitation, and add other

xentari.epa Page 6 of 17 rev. 05-30-95 spray materials, if any. Add remaining water, if any, and agitate until fully mixed. Maintain the suspension with moderate agitation while loading and spraying. Do not mix more XenTari than can be used in a 3 day period.

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For Smaller Spray Volumes:

If Rate is	Use This Amount <u>Per Gallon (wt)</u>		
1/4 lb./acre or 100 gals.	1/2 tsp.	(0.04 oz)	
1/2 lb./acre or 100 gals.	1 tsp.	(0.08 oz)	
1 lb./acre or 100 gals.	2 tsps.	(0.16 oz)	
2 lb./acre or 100 gals.	4 tsps.	(0.32 oz)	

xentari.epa Page 7 of 17 rev. 05-30-95

		Bound/Acro
Crop Group (Miccellaneous)	Pests	Pound/Acre
Alfalfa (Hay and Seed), Hay	Loopers	1/2 - 1
and Other Forage Crops	*Alfalfa Caterpillar	1/2 - 1
	*European Skipper	1/2 - 1
	(Essex Skipper)	
	Armyworms	1/2 - 2
Berries and Small Fruit such	Grapeleaf Skeletonizer	1/2 - 1
as Grapes, Strawberries, and	(ground only)	
Blackberries	*Grape Leafroller	1/2 - 1
ŕ	*Achema Sphinx Moth	1/2 - 1
	(Hornworm)	
	*Saltmarsh Caterpillar	1/2 - 1
	(ground only)	
	*Omnivorous Leafroller	1/2 - 1
	(ground only)	
	Loopers	1/2 - 1
	*Orange Tortrix	1/2 - 1
	*Oblique Banded Leafroller	1/2 - 1
	Armyworms	1/2 - 1
	Tobacco Budworm	1/2 - 2
	Grape Berry Moth	1/2 - 2
	*Melonworms	1/2 - 1
	*Cutworms	1/2 - 1
Bulb such as Garlic and	Loopers	1/2 - 1
Onions (green and bulb)	*Omnivorous Leafroller	1/2 - 1
	*Hornworms	1/4 - 1
	Imported Cabbageworm	1/4 - 1
	Diamondback Moth ¹	1/4 - 1 -
	*Green Cloverworm	1/2 - 1
	Webworm	1/2 - 1
	*Saltmarsh Caterpillar	1/2 - 1
	Armyworms	1/2 - 2
	*Cutworms	1/2 - 1
	Cross-striped Cabbageworm	1/2 - 4
	Heliothis	1/2 - 2 '

APPLICATION RATE

xentari.epa Page 8 of 17 rev. 05-30-95

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10 of 19

Crop Group (Miscellaneous)	Pest	Pounds/Acre
Curcurbit Vegetables such as Melons, Cucumbers and Squash	Loopers *Melonworms *Rindworm complex Armyworms	1/2 - 1 1/2 - 1 1/2 - 1 1/2 - 2
Flowers, Bedding Plants and Ornamentals (Ground application only)	Loopers Tobacco Budworm *Omnivorous Looper *Omnivorous Leafroller Diamondback Moth ¹ Armyworms *Ello Moth (Hornworm) *Io Moth *Oleander Moth *Azalea Caterpillar	$ \begin{array}{r} 1/4 - 1 \\ 1/4 - 1 \\ 1/4 - 1 \\ 1/4 - 1 \\ 1/4 - 1 \\ 1/2 - 2 \\ 1/4 - 1 \\ $
Fruiting Vegetables such as Tomatoes, Peppers and Eggplant	Loopers Hornworm Tomato Fruitworm *Variegated Cutworm *Saltmarsh Caterpillar Armyworms	1/2 - 1 1/4 - 1 1/2 - 1 1/2 - 1 1/2 - 1 1/2 - 2
Greenhouse/Shadehouse and Outdoor Nursery Crops such as Leafy Herbs, Brassica and Fruiting groups	Loopers Heliothis	1/2 - 1 1/2 - 2
Herbs, Spices and Mints such as Basil, Chives, Dill, Leeks and Peppermint	Looper *Saltmarsh Caterpillar Armyworms	1/2 - 1 1/2 - 1 1/2 - 2

APPLICATION RATE (Continued)

xentari.epa Page 9 of 17 rev. 05-30-95

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Crop Group (Miscellaneous)	Pests	Pounds/Acre
Leafy and Cole Crops such as Lettuce (head and leaf), Kale, Celery, Spinach, Broccoli, Cabbage, Mustard Greens, Brussels Sprouts, Cauliflower, Collards, Chinese Cabbage, Endive Kohlrabi and Parsley	Loopers *Omnivorous Leafroller *Hornworms Imported Cabbageworm Diamondback Moth ¹ *Green Cloverworm Webworm *Saltmarsh Caterpillar Armyworms *Cutworms Cross-striped Cabbageworm	1/2 - 1 1/2 - 1 1/4 - 1 1/4 - 1 1/4 - 1 1/2 - 1 1/2 - 1 1/2 - 1 1/2 - 2 1/2 - 1 1/2 - 1 1/2 - 1
Legume Vegetables such as Beans, Peas, Lentils and Soybeans	Heliothis Loopers Soybean Looper *Green Cloverworm *Velvetbean Caterpillar Armyworms *Podworms	1/2 - 2 1/2 - 1 1/2 - 1 1/4 - 1 1/4 - 1 1/2 - 2 1/2 - 1
Root and Tuber such as Carrots, Potatoes, Beets and Sugarbeets	Loopers *Omnivorous Leafroller *Hornworms Imported Cabbageworm Diamondback Moth ¹ *Green Cloverworm Webworm *Saltmarsh Caterpillar Armyworms *Cutworms Cross-striped Cabbageworm Heliothis	$\frac{1}{2} - 1$ $\frac{1}{2} - 1$ $\frac{1}{4} - 1$ $\frac{1}{4} - 1$ $\frac{1}{4} - 1$ $\frac{1}{2} - 1$ $\frac{1}{2} - 1$ $\frac{1}{2} - 2$ $\frac{1}{2} - 1$ $\frac{1}{2} - 1$ $\frac{1}{2} - 2$ $\frac{1}{2} - 2$

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APPLICATION RATE (Continued)

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xentari.epa Page 10 of 17 rev. 05-30-95 •

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12 of 19

Crop Group (Miscellaneous)	Pest	Pounds/Acre
Stone Fruit such as Cherries,	*Redhumped Caterpillar	1/2 - 2
Plum, Peach, Prune and	*Tent Caterpillars	1/2 - 2
Nectarine	*Omnivorous Leafroller	1/2 - 2
Pome Fruit such as Apples	*Fall Webworm	1/2 - 2
and Pears	*Walnut Caterpillar	1/2 - 2
Tree Nuts such as Almonds,	*Cankerworms	1/2 - 2
Pecan, Walnut and Filbert	*Gypsy Moth	1/2 - 2
Pomegranates	*Variegated Leafroller	1/2 - 2
Ũ	*Reabanded Leafroller	1/2 - 2
	*Tufted Apple Budmoth	1/2 - 2
	*Fruittree Leafroller	1/2 - 2
	*Oriental Fruit Moth	1/2 - 2
	*Cutworms	1/2 - 2
	*Filbert Leafroller	1/2 - 2
	*Obliquebanded Leafroller	1/2 - 2
	*Codling Moth	1/2 - 2
	Armyworms	1/2 - 2
	*Twig Borer	1/2 - 2
Small Grains (Ground	Loopers	1/2 - 1
application only)	Armyworms ¹	1/2 - 2
Tropical Fruits	*Hornworm	1/2 - 2
	*Leafrollers	1/2 - 2
	*Omnivorous Looper	1/2 - 2
	Loopers	1/2 - 2

APPLICATION RATE (Continued)

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* For all states except California.

¹For best results, use a ground applicator, a minimum of 50 gallons total mix peracre, 50-100 psi and 3-7 nozzles per bed.

xentari.epa Page 11 of 17 rev. 05-30-95

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APPLICATION RATE

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Other Crops:	Pests	Pounds/Acre
Asparagus	Armyworms'	1/2 - 2
Avocado	*Amorbia Moth *Omnivorous Leafroller *Omnivorous Looper *Orange Tortrix *Spanworm	1/2 - 2 1/2 - 2 1/2 - 2 1/2 - 2 1/2 - 2 1/2 - 2
Bananas	*Banana Skipper	1/2 - 1
Citrus	*Fruittree Leafroller *Orangedog *Citrus Cutworm ³	1/2 - 2 1/4 - 1 1/2 - 2
Corn (Sweet and Field and Sorghum)	Armyworms ¹ *Headworms European Corn Borer	1/2 - 2 1/2 - 1 1/2 - 2
Cotton	*Tobacco Budworm ² *Cotton Bollworm ² Loopers *Saltmarsh Caterpillar Armyworms ¹	1/2 - 2 1/2 - 2 1/2 - 1 1/2 - 1 1/2 - 1 1/2 - 1 1/2 - 2
Hops	Loopers Armyworms ¹	1/2 - 1 1/2 - 2
Kiwi Fruit	*Omnivorous Leafroller	1/2 - 2
Malanga	*Saltmarsh Caterpillar Armyworms ¹	1/2 - 1 1/2 - 2
Peanuts	Loopers *Velvetbean Caterpillar *Green Cloverworm *Podworms ¹	1/2 - 1 1/2 - 1 1/4 - 1 1/2 - 1
Pineapple	Gummosos-Batrachedra comosae (Hodges) Thecla-Thecla basilides (Geyr)	1/4 - 1/2 1/4 - 1/2

xentari.epa Page 12 of 17 rev. 05-30-95

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Pounds/Acre Other Crops Pests 1/2 - 1Rape Looper Armyworms¹ 1/2 - 2 1/2 - 2 Heliothis Safflower 1/2 - 1 Loopers 1/2 - 1 *Saltmarsh Caterpillar Armyworms¹ 1/2 - 2 1/2 - 1 Sunflowers (Ground Loopers application only) *Head Moth 1/2 - 1 Tobacco 1/2 - 1 Tobacco Budworm 1/4 - 1 *Hornworms 1/2 - 1 Loopers 1 - 2 Turf Sod Webworm

APPLICATION RATE (Continued)

*For all states except California

¹XenTari may be used to control small armyworms and/or podworms (1st and 2nd instar) when populations are light and full coverage sprays are applied. Repeat treatment as necessary. If mature worms or heavy populations are present a contact insecticide should be used to enhance control.

²Use to control light to moderate populations of newly hatched worms in integrated pest management conditions. Repeat treatments at 4 to 5-day intervals as long as necessary and results are acceptable. Use in combination with ovicidal rates of labeled Heliothis ovicides.

³Apply to light to moderate populations of newly-hatched worms.

xentari.epa Page 13 of 17 rev. 05-30-95 150619

APPLICATION RATE

XenTari for Trees and Forests⁴ (For all states except California)

Сгор	Pest	lbs/100 gal
Forest, Shade, Sugar Maple Trees and	Gypsy Moth	1/4 - 1
Ornamentals	Bagworm	1/4 - 1
	Redhumped Caterpillar	1/4 - 1
(Ground Application Only)	Spring & Fall Cankerworm	1/4 - 1
	Fall Webworm	1/4 - 1
	Elm Spanworm	1/4 - 1
	Tent Caterpillars	1/4 - 1
	California Oakworm	1/4 - 1
	Pine Butterfly	1/4 - 1
	Spruce Budworms	1/4 - 1
	Saddle Prominent Caterpillar	1/4 - 1
	Douglas Fir Tussock Moth	1/4 - 1
	Western Tussock Moth	1/4 - 1
	Fruittree Leafroller	1/4 - 1
	Blackheaded Budworm	1/4 - 1
	Mimosa Webworm	1/4 - 1
	Jack Pine Budworm	1/4 - 1
	Saddleback Caterpillar	1/4 - 1
	Greenstriped Mapleworm	1/4 - 1
	Hemlock Looper	1/4 - 1

⁴Forest, Shade, Sugar Maple Trees and Ornamentals.

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⁵Rate for hydraulic sprayer. For mist blowers, mix the applicable amount (lbs.) in 10 gallons of wat

Note: Inclusion of a suitable spreader-sticker approved for forest insect control is recommended to coverage, rain fastness and/or resist wash-off.

xantari.ep.a Bagn 14 of 17 rev. 05-30-95 - - -

<u>Pest</u>

Rate

Indian Meal Moth⁶ Almond Moth⁶ 3/8 lb./100 bu (undiluted and diluted)*

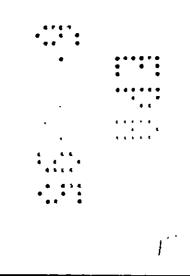
*As a surface treatment, apply 1/2 lb. XenTari in 5-10 gal. of water per 500 sq. ft of grain surface area, mix into top 4 inches. For commodities coarser than shelled corn, increase depth of treatment according to the habit of the pest.

⁶For the control and prevention of these pests, apply XenTari in a constantly agitated water suspension to the top four inch surface layer of grain in the bin. Use a sprinkler can or sprayer to apply the suspension into the grain stream as the last (top) four inch layer is augered into the bin. Mix 1/20 lb. XenTari per gallon of water. Apply 0.6 pint of this mixture per bushel as grain is augered into storage. Or, sprinkle the suspension onto the surface of the grain in the bin and mix thoroughly with a scoop or rake to the depth of four inches. More thorough coverage may be achieved by dividing the recommended concentration into three applications and mixing the grain between applications.

For the protection of bagged grain including popcorn, apply the suspension to the entire grain mass and mix thoroughly prior to bagging.

Treatments can be applied to stored grain at any time, but for best results, make application immediately after harvest before moth activity occurs. In areas where late fall harvested grain is not subject to infestation because of low temperatures, application can be delayed until late winter or early spring before moth activity begins. Control for a full storage season should normally be expected; however, repeat application if infestation recurs.

xentari.epa Page 15 of 17 rev. 05-30-95



APPLICATION RATE (Continued)

XenTari FOR STORED AGRICULTURAL COMMODITIES (Continued) (For all states except California)

GRAINS, SOYBEANS, SUNFLOWER SEED, CROP SEED, CONDIMENTAL SEEDS, SPICES, HERBS, BIRDSEED AND POPCORN. (Continued)

This treatment controls the moth larvae. If an infestation is present when the grain is treated, moth emergence may continue for several days. If immediate control of severe infestations is desired, grain should be fumigated prior to application of this treatment. XenTari will not control weevils or other beetles.

PEANUTS (For all states except California)

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<u>Pest</u>

<u>Rate</u>

Indian Meal Moth, 1/4 lb./ton* Almond Moth

*Apply this rate to the top four to eight feet of nuts when filling the warehouse.

To prevent and control these pests, spray an even coating of XenTari on the farmer stock peanuts while filling the warehouse. To make the spray solution, mix 3-3/4 lbs. XenTari per 5 gallons of water. Apply to 15 tons of commodity. Do not premix more spray solution than will be used within 12 hours. Keep the spray suspension agitated during application, and use pressures and nozzles sufficient to handle this suspension.

Before filling the warehouse, clean thoroughly, then spray interior of the facility with a XenTari suspension at the rate of 1/2 lb. XenTari per 100 gallons water. Spray enough suspension to wet all cracks and crevices.

For bagged peanuts, treat the entire quantity at the rate indicated above.

xentari.epa Page 16 of 17 rev. 05-30-95 180K 19

APPLICATION RATE XenTari FOR STORED AGRICULTURAL COMMODITIES (Continued)

FLUE-CURED TOBACCO (For all states except California)

<u>Pest</u> Tobacco Moth Rate 0.2 oz./100 lbs*

*Apply 0.2 ounce (approximately 2 1/2 tsps.) of XenTari in one quart of water per 100 pounds of tobacco as a fine mist spray. Avoid overwetting. Tobacco should have just enough moisture to be handled without shattering at the time of application.

Tobacco to be Stored up to Twelve Months.

Spray loose leaves as the tobacco is being bundled from the curing barn. For tobacco on sticks, treat both sides of leaves.

Stored Tobacco.

For tobacco which is to be carried over, rebundle or restack sticks, fluff up tobacco and spray loose leaves.

For tobacco that has been stored over three weeks, apply at first signs of infestation; promptly open bundles, spray loose leaves, then bundle.

Treatment of Storage Barns.

If tobacco has been treated, or is going to be treated, treatment of the floors and walls may be made to aid in control. Sweep out the area, especially cracks and corners, and all of the loose tobacco pieces in which the moth might breed. Make a spray mixture containing 1/2 oz. (6 tsps.) XenTari per 2 1/2 gallons of water. Apply this at a rate of 1/2 gallon per 1000 sq. ft. of surface area. Be sure to spray into cracks and between floorboards.

NOTICE TO BUYER

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 risks of use, storage or handling not in strict accordance with accompanying directions.

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xentari.epa Page 17 of 17 rev. 05-30-95 190f14