

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



OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

June 26, 2014

Liane Jenkins
Senior Regulatory Compliance Specialist
Regulatory Compliance Americas
Lonza Inc.
90 Boroline Rd
Allendale, NJ 07401

Subject: Submission of amended labeling to add marketing claims
Product Name: US-LON-H
EPA Reg. No. 6836-353
Submission dated May 22, 2014, converted to fast track amendment on June 9, 2014

Dear Ms. Jenkins:

The proposed labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you submit two copies of your final printed label before you release the product for shipment. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

A stamped copy is enclosed for your records. If you have any questions, please contact Marianne Lewis at (703) 308-8043 or lewis.marianne@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Venus Eagle".

Venus Eagle, PM 01
Insecticide-Rodenticide Branch
Registration Division
Date: June 26, 2014

Enclosure

(Note to reviewer: Language in () is optional, interchangeable or a comment for the EPA reviewer)

US-LON-H

For Use only around Listed Fruits and Vegetable Gardens and Ornamental Plants

Active Ingredient:

Metaldehyde (2,4,6,8-Tetramethyl-1,3,5,7-tetraoxycyclo-octane) 3.0%

Other Ingredients: 97.0%

Total: 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

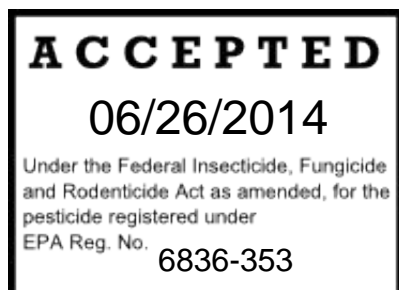
For additional information see Precautionary Statements, Directions for Use and Storage and Disposal on back/side panel.

Keep out of reach of children and domestic animals. This pesticide may be harmful to children and fatal to domestic animals if ingested. Exclude children and pets from treated areas until the applied product is no longer visible. For additional precautionary measures, see "Directions for Use" and "Storage and Disposal".

(Note to reviewer: The following graphic must be included on the front panel. Circle/Slash is red in color.)



See (left) (side) (right) (back) panel for First Aid and additional precautionary statements.



EPA Reg. No. 6836-353
EPA Est. No. {Insert EPA Est. No}
NET WT: _____
(Made in {insert country of origin})
(Manufactured in {insert country})
[Barcode]

Lonza Inc.
90 Boroline Road
Allendale, New Jersey 07401
855-701-2991

Call 7 days a week for your questions on snail and slug control
8:00 AM-10:00 PM Eastern time

FIRST AID

IF SWALLOWED:

Call 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 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 INHALED:

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

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.

POISONING HOTLINE:

Seek medical care as soon as possible after exposure. For incidents involving animals, seek veterinary care as soon as possible after exposure. Have the product container or label with you when calling a poison control center or doctor or veterinarian, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies, treatment advice, or pesticide incidents), call 1-800-654-6911.

Metaldehyde is a systemic toxin. There is no antidote. The following instructions are not intended for laypeople. There is no home treatment. Exposed individuals and animals should receive emergency care as quickly as possible.

NOTE TO PHYSICIAN

Dust inhalation is usual route of accidental exposure; the product is rarely ingested. Treatment is symptomatic and supportive. Monitor severe exposures closely: seizures, electrolyte imbalances, acidosis, dehydration, and increased body temperature have been reported.

NOTE TO VETERINARIAN:

Animals typically are exposed via ingestion. Treatment is symptomatic and supportive. If significant ingestion suspected, and the animal is asymptomatic, consider induction of emesis or gastric lavage and administration of activated charcoal, cathartic and enema to limit absorption. Monitor asymptomatic and symptomatic animals closely. Treat seizures, electrolyte imbalances, acidosis, dehydration, and increased body temperature. Monitor liver function post recovery.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

IMPORTANT: This product may be harmful to children and fatal to domestic animals if ingested. Children and dogs may be attracted to metaldehyde products and their packaging. Keep children and pets out of treated areas from the start of application until the applied product is no longer visible.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to mollusks (e.g., clams, oysters, scallops, mussels). Do not apply product near water (including garden ponds) or storm drains. Do not apply if heavy rain is expected. Apply this product only around gardens and ornamental plants. This pesticide is toxic to birds and mammals. Collect and remove any product that is spilled.

(Note to reviewer: The following is considered optional marketing language:)

Meta Logo:



{Introductory claims 6 months claims – will only appear on graphics label for the first 6 months product is on shelf}

(New) Weather Resistant Pellet Formulation

(New) Pellet Formulation

{image of pellet}

1 pound (lb) covers approximately 7000 sq. ft

2 Pounds covers approximately 14,000 sq. ft.

Covers 7,000 sq. ft. [on 1 lb container]

Covers 14,000 sq. ft. [on 2 lb container]

Covers 21,000 sq. ft. [on 3 lb container]

Covers 28,000 sq. ft. . [on 4 lb container]

Covers 42,000 sq. ft. . [on 6 lb container]

Contains Bitrex®

Contains Denatonium Benzoate

Contains LORE™ animal repellent

Contains Meta® (Metaldehyde), “The Molluscicide”

Contains the (dog repellent)(aversion agent) product Lore™

Contains the product Lore™

Easy to use pellet formula

Fast Acting Formula

Fast, Effective Control Of Slugs and Snails

For more information (visit) www.metaworksbest.com

Helps protect listed (plants) (vegetables) from slugs and snails

Long lasting formula (effective for up to 2 weeks)

May stain masonry, decks and rockwork.

Weather Resistant Pellet Formulation

Pellet Formulation

Patent Pending (pellet Formulation)

(Product Name) – Granular Bait Containing 3% (w/w) Metaldehyde

(Product Name) contains the bittering agent, Bitrex.

(Product Name) is a pelleted (ready to use) molluscicide for the control of slugs in residential outdoor gardens (list crops).

Protects listed (Fruit), (Vegetable), And (Ornamental) (Gardens)

Ready to use (formula) (pellets)

Remains effective after rain or watering

Shaker Top for even distribution (piled pellets may attract pets)

Slugs and snails are two of our most destructive garden pests. Although their outward appearance is quite different, they are essentially the same creature, except that the slug does not have the external shell of the snail.

Slugs and snails feed almost entirely at night, in the evening or during dark days. They prefer moist, warm conditions and rarely venture from their hiding places during cold weather or during exceedingly dry or hot spells.

Slugs and snails hatch from eggs, laid in clusters, under debris, stones, compost heaps or beneath the surface of the soil. Generally, they will hatch out after 20 to 30 days of favorable weather conditions after which time they will continue to grow slowly, eating our most tender and succulent vegetation.

Slug Control

The presence of slugs and snails can be detected by their shiny mucous trail. They are night feeders and prefer cool, damp places.

(This product) Can Be Used Around listed Fruit and Vegetable Plants, and Ornamental Plants (too)(!).

(This product) Easy to use.

(This product) is for use in outdoor residential gardens.

This product is for use in Home and Garden areas only.

(This Product) pellets are an effective metaldehyde containing bait application which are readily ingested by slugs, After ingestion slugs are immobilized. Death follows by destroying the mucus-forming tissue and the resulting loss of water. Best results are achieved by application during mild damp weather when slugs are most active but when rain is not expected.

(This product)) Provides Up To Two Weeks of Plant Protection.

(This product) Requires no mixing, spraying or special applicators.

Use (this product) around listed vegetables.

Use (This product) around listed fruit and vegetable plants and ornamentals

Where vegetable gardens meet science

While these small slugs and snails are growing and eating they migrate towards better feeding and sheltering conditions. It is because of this migrating habit that it is impossible to completely eliminate the slug and snail problem. However, with the use of (this product) and a consistent baiting program, these pests can be reduced to where they no longer present a major threat to our gardens.

Meta® is a registered trademark of Lonza Ltd.

Lore™ is a trademark of Lonza Ltd.

Bitrex® is trademarked by Johnson Matthey-Macfarlan Smith of Edinburgh Scotland.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Not for use on plants being grown for sale or other commercial use, or for commercial seed production or for research purposes.

Restrictions

Keep people and pets out of the area during application.

This pesticide may be harmful to children and fatal to dogs and other domestic animals if ingested. Children and dogs may be attracted to Metaldehyde products, both in the package and when applied. Children and domestic animals must be kept out of treated areas from the start of application until the applied product is no longer visible.

Application of this Metaldehyde product is prohibited unless children and domestic animals can be excluded from the treated areas from the start of application until the applied product is no longer visible.

Applications to turf and dichondra are prohibited. Application is permitted only to non-turf areas (i.e., on soil or mulch) directly surrounding plants listed for use on the label.

Broadcast and foliar applications of this product are prohibited. **Application is permitted only as a barrier around gardens or individual plants. Application is prohibited within one foot of vegetable plants or fruit-bearing plants not listed on this label.**

DO NOT apply pellets in piles that may attract pets.

DO NOT apply by hand.

APPLICATION INFORMATION

Certain cultural practices may reduce damage from snails and slugs. These practices include:

- Eliminating hiding places by removing leaf litter and debris in the garden;
- Removing slugs and snails during daylight hours from nearby leaf litter, mulch, and other protected areas;
- Watering in the morning to reduce humidity during the night when snails and slugs are active.

May be used as a perimeter treatment to prevent invasion of slugs and snails from neighboring properties

WHEN TO APPLY

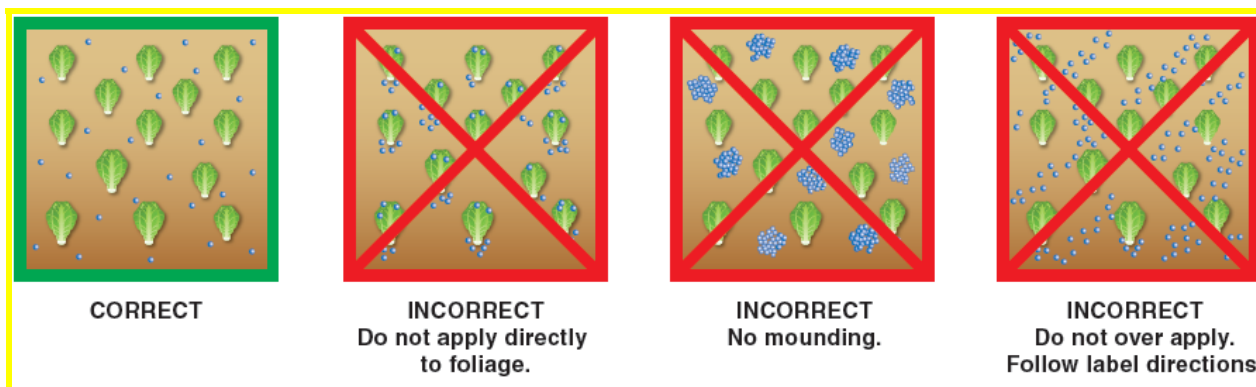
- Apply when first plant damage appears or areas likely to be infested.
- Apply at the beginning of the spring planting season
- For best results, apply after irrigation
- Apply any time of the day; however, evening applications are preferred
- Number of applications allowed per season indicated in Application Rates table.

HOW TO APPLY

- Place pellets on the soil surface as recommended in the graphics below
- Do not apply pellets in piles that may attract pets.
- Reapply as indicated in chart. Heavy infestation or areas heavily watered may require reapplication.
- Do not re-water for 48 hours after application
- Do not apply directly to or contaminate edible portions of the plant
- Do not apply by hand, spoon or belly grinder
- Do not use teaspoon utensils for food purposes after pesticide use

FOR BEST RESULTS:

Apply in evening. Especially beneficial if applied following rain or watering since slugs and snails will not crawl over dry soil. For best results, be sure area to be baited is damp. In very dry weather, water well before baiting.



APPLICATION RATES:

Use ½ teaspoon per square yard

Do not use teaspoon utensils for food purposes after pesticide use

FOR USE AS MOLLUSCIDE IN OUTDOOR GARDENS

Crop	Maximum number of application/growing season	Retreatment Interval period (days)
Artichoke (annuals)	2	18
Artichoke (perennials)	6	18
Blueberries	3	14
Caneberries- (bingeberry, black raspberry, blackberry, boysenberry, dewberry, lowberry, marionberry, olallieberry, red raspberry, youngberry) and Other Berries (currant, elderberry, gooseberry, huckleberry, loganberry, lingonberry, juneberry, salal):	3	14
Citrus	6	14
Lettuce, Cole Crops, And the	3	14

following Leafy Greens: broccoli, Brussels sprouts, cabbage, cauliflower, cavalo, broccolo, collards, kale, kohlraabi, mizuna, mustard greens, spinach, rape greens		
Tomatoes	3	14
Strawberries	3	14
Ornamentals	6	21

(Note to reviewer: For Retail Containers for Household/Residential Use)

STORAGE AND DISPOSAL

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

Pesticide Storage: This product can be harmful to children and fatal to domestic animals if ingested. Dogs have been known to ingest metaldehyde after opening or tearing packaging. Store this product in its original packaging, in a cool, secure location, and out of reach of children and pets.

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

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

(Note to reviewer: For Bulk Containers for commercial distribution for repackaging only).

STORAGE AND DISPOSAL

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

Pesticide Storage:

This product can be harmful to children and fatal to domestic animals if ingested. Dogs have been known to ingest metaldehyde after opening or tearing packaging. Store this product in its original packaging, in a cool, secure location, and out of reach of children and pets. Open dumping is prohibited. Do not store on side.

Pesticide Disposal:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray or mixture of rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal:

Non-refillable container. Do not reuse or refill this container.

(Fiber drums with liners): Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application (filling) equipment. Then, dispose of liner in a sanitary landfill or by incineration if allowed by state and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY LONZA OR THE SELLER AND (2) LONZA AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD OR USE OF THE PRODUCT, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, THE MANNER OF USE OR APPLICATION, OR WEATHER CONDITIONS, ALL OF WHICH ARE BEYOND THE CONTROL OF LONZA AND SELLER AND ARE ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, LONZA AND SELLER, AND NO PERSON OR AGENT OF LONZA OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY BEYOND THOSE CONTAINED HEREIN.

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