



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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

June 20, 2002

David L. Grassman
E. M. Matson, Jr., Co., Inc.
P.O. Box 1820
North Bend, WA 98045

S-617 496

Subject: EPA Reg. No. 8119-7
Hinder Deer and Rabbit Repellent Concentrate
Amendments to Label
Letter Dated May 3, 2002

Dear Mr. Grassman:

The revised label submitted for the product referred to above is acceptable and a stamped copy is enclosed for your records. Submit one (1) copy of your final printed labeling before you release the product for shipment. Should you have any questions, do not hesitate to contact me at 703-605-0368.

Sincerely,

A handwritten signature in black ink, appearing to read "S. Oonnithan".

S. Oonnithan, Ph.D.
Entomologist
Insecticide Rodenticide Branch
Registration Division (7505C)

HOMEOWNER STANDARD USE APPLICATION LABEL

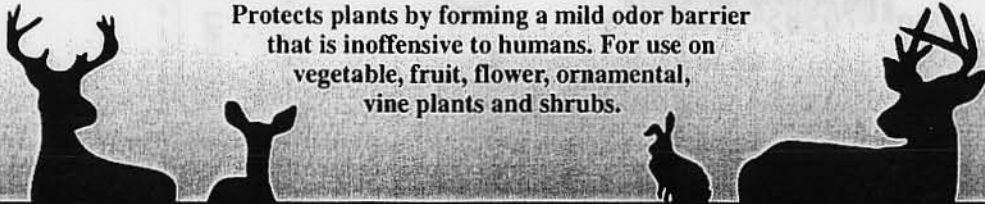
MAKES UP TO 5 GALLONS
FOR HOMEOWNER USE ONLY

CONCENTRATE

Hinder[®]

DEER & RABBIT REPELLENT

Protects plants by forming a mild odor barrier
that is inoffensive to humans. For use on
vegetable, fruit, flower, ornamental,
vine plants and shrubs.



ACCEPTED

JUN 20 2002

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 8119-7

Active Ingredients (% by weight)
Ammonium Soaps of Higher Fatty Acids 18.6%
Other Ingredients 86.2%
Total 100.0%

NET CONTENTS 32 fl oz (0.946 Liters)

**KEEP OUT OF REACH OF CHILDREN
DANGER / PELIGRO**

Read precautions and directions in and on back panel.

Mfd. for E. M. Matson, Jr. Co., Inc., North Bend, WA 98045
41802

Use este producto solo cuando sea necesario para controlar plagas de insectos.

FIRST AID	
If in eyes	<ul style="list-style-type: none"> * 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 swallowed	<ul style="list-style-type: none"> * 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 do so by the poison control center or doctor. * Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> * 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 on skin or clothing	<ul style="list-style-type: none"> * 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.
<p align="center">HOT LINE NUMBER</p> <p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center (NPIC) at 1-800-858-7378.</p>	
<p align="center">NOTE TO PHYSICIAN</p> <p>Probable mucosal damage may contraindicate the use of gastric lavage.</p>	



41802

Mfd. for: E. M. Matson, Jr. Co., Inc.
 P.O. Box 1820
 North Bend, WA. 98045
 EPA Reg. No. 8119-7
 EPA Est. No. 033518-CN-001
 Printed in USA
 Made in Canada

PRECAUTION: See inside label for directions for use, additional precautions and storage and disposal information.

PEEL HERE

(PRESS TO RESEAL)

LEFT PANEL 2 7/8"

MIDDLE BACK 2 3/4"

RIGHT PANEL 2 11/16"

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT. USE ONLY ACCORDING TO THE FOLLOWING DIRECTIONS AND OBSERVE ALL PRECAUTIONS.

Concentrate Hinder® Deer and Rabbit Repellent creates a mild odor barrier and is inoffensive to humans once applied. It is most effective when applied before animals develop their feeding habits and damage has occurred. Because this product works on an odor principle, it repels deer and rabbits before they eat treated plants and helps to protect new growth as it begins to emerge. The objective in using this product is to divert animals to alternative food sources and away from valuable plants. When animal feeding pressure is extraordinary (as in drought conditions) no product can be 100% effective; animals will feed even on treated plants rather than starve.

USE RESTRICTIONS

This product may be used to limit browsing by white tail deer (*odocoileus virginianus*) and black tail or mule deer (*O. hemionus*), on ornamental trees and shrubs, annual and perennial flowers, apple and pear trees, and carrots.

This product may also be used to discourage feeding by cottontail rabbits (*sylvilagus floridanus*) and blacktail jack rabbits (*lepus californicus*) on home gardens and on the trunks of ornamental trees.

Do not reenter treated areas until after the spray has dried.

When considering use of this product during cold weather, note that a temperature of at least 40°F for a four hour period is needed to allow proper drying time.

Do not apply this product in undiluted form. Do not apply this product with sprayers previously used for herbicides. Do not spray this product on wilted plants. Do not allow spray to drift from the application site and contact people, structures people occupy at any time and the associated property, parks and recreation areas, nontarget crops, aquatic and wetland areas, woodlands, pastures, rangelands or animals. Apply only when wind speed is not more than 10 mph. For sprays, apply largest size droplets possible.

Check relevant sections of application directions for information on phytotoxicity and other specific limitations on treatments.

APPLICATION DIRECTIONS

CONCENTRATE HINDER® DEER AND RABBIT REPELLENT works on an odor principle. The minor ammonia odor emanating from treated plants may divert deer and rabbits to other food sources.

SHAKE CONTAINER WELL BEFORE MIXING OR APPLYING ITS CONTENTS. This product may be applied by a tank type or power sprayer, or by hose-end (Venturi-type) sprayers as a coarse spray. For tank type or power sprayers, dilute this product at a rate of 1 quart of product for 5 gallons of water (or 6 fluid oz. per gallon). With hose-end sprayers, pour undiluted product into the jar attachment. The product will be diluted as it mixes with water from the hose.

Under reasonably dry conditions, this product should be reapplied every 7 - 14 days for as long as plant protection is needed and the treatments appear to be effective.

Rains may wash this product off treated vegetation. Treatment should be repeated after heavy rains. Do not apply this product when rain is expected within the next 24 hours.

For best results, apply this product before the animals start feeding on the plants to be protected. Under conditions of severe hunger, treated plants may be damaged substantially. In some cases, protection of plants from deer damage may be enhanced by providing a secondary food source such as baled hay just outside the treated area at the time of treatment. In other cases, permanent fencing or temporary enclosures may be needed.

Consult specific directions (below) for the target species and type of treatment involved in your control situation.

DEER

Apple and pear trees: Treat outer vegetation on all lower branches up to 6 - 8 feet above the ground surface. Apply coarse spray until all vegetation to be protected has been made wet. Do not apply during bloom period as treatments may damage plants (phytotoxicity) especially new growth. Applications made between petal fall and harvest on fruit bearing apple and pear trees may cause cosmetic injury (spotting) to the fruit.

Ornamental trees and shrubs: Apply as a full coverage coarse spray. For ornamentals, also treat a 2 - 3 foot radius of the lawn around the plants to be protected. Do not water or irrigate from overhead for at least 24 hours after treatment.

Annual and perennial flowers: Apply as a full coverage coarse spray. Treat a 2 - 3 foot wide band around isolated beds. Do not water or irrigate from overhead for at least 24 hours after treatment. **Note:** a preliminary trial is recommended to determine plant tolerance. Open flowers (petunias, impatiens, begonias) may show spotting and petal fall after treatment. Foliage on some sensitive plants (e.g. impatiens, zinnia, bleeding heart, roses, and columbine) can show minor marginal burning. New foliage growth and flower buds that open after treatment usually will be unaffected (except for salvia, and possibly some other types).

INSIDE FOLD 2 7/8"

MIDDLE BACK 2 3/4"

FRONT TOP LAYER 2 1/16"

DEER continued...

Carrots: Apply enough coarse spray to lightly cover all plants.

RABBITS

Home gardens: Apply as a thorough coverage coarse spray to plants susceptible to rabbits.

Trunks of ornamental trees: Mix equal parts of this product and water and apply by brush to trunks of plants to be protected. Apply to just above the height that rabbits might reach.

STORAGE AND DISPOSAL

Storage: Keep this product only in its original container. Do not put Concentrate product or dilute in food or drink containers. Store in a cool, dry locked location and not accessible to children or pets. Avoid contamination of feed or foodstuffs.

Disposal: If empty: Do not reuse 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.

ENVIRONMENTAL HAZARDS: Do not apply directly to water. Do not contaminate water when disposing of equipment wash waters or rinsate.

IMPORTANT NOTICE: Recommendations for use of this product are based upon tests and/or information believed to be reliable. Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use. The use of this product is beyond the control of the seller; therefore neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends beyond refund of the purchase price. Buyer assumes all risk of improper storage and application of this product or its improper use.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions. If these terms are not acceptable, return at once, unopened.

PRECAUTIONARY STATEMENTS**Hazards to Humans and Domestic Animals**

DANGER: MAY CAUSE PERMANENT EYE DAMAGE. Wear safety glasses when handling. Harmful if inhaled or absorbed through the skin. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling. Use extra caution when spraying overhead.

PELIGRO: PUEDE CAUSAR DANO PERMANENTE A LOS OJOS. Si usted no lee ingles, no use este producto hasta que alguien se le explique ampliamente la etiqueta.

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