

Using Rodenticides

Reading a Pesticide Label



Carefully read labels before handling, mixing, applying, storing, and disposing of pesticides.

Required Minimum Label Components

- The following label information must be on or “securely attached” to the product.
- Name and address of the producer or registrant
- Restricted use statement (if required)
- Product name, brand or trademark
- Ingredient statement
- Signal word, including skull & crossbones, if either are required
- "Keep Out Of Reach Of Children" precautionary statements, including Hazards to Humans & Domestic Animals and Environmental Hazards
- EPA registration and establishment numbers
- Either directions for use or a referral statement to directions for use in booklet, if any
- Net weight or measure of contents

7 DIRECTIONS FOR USE
CONTINUED

ALFALFA: Alfalfa Weevil Larvae, Egyptian Alfalfa Weevil Larvae, Flea Achet, and in New York state for Shrub Beetle control. Apply the amount of De Pesto indicated in the chart, when feeding is noticed or when insects appear. Alfalfa Weevil Adult - Apply 1.2 pints per acre when insects appear. Lygus Bugs - Apply 2 pints per acre prior to bloom. Observe the indicated number of days after application before cutting or grazing. Do not apply more than once per season. Apply only to fields planned to grow stands of Alfalfa.

Pints of De Pesto Per Acre	Do Not Cut or Graze Within
1/4	7 days
1/2	14 days
2	28 days

RED CLOVER: See the chart on the other side of this label for application rates and directions.

MINIMUM GALLONAGE REQUIREMENT: Ten gallons of finished spray per acre with ground equipment, two gallons per acre with aircraft.

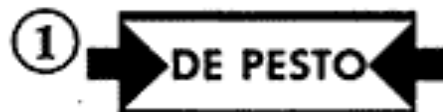
FIELD CORN: Corn Rootworms - Use 1 1/2 pints of De Pesto per 12,000 linear feet (1/2 acre with 40 inch spacing). Apply, at planting, as a 1 inch band over the row or inject on each side of the row by mixing with water or liquid fertilizer. When De Pesto is used with liquid fertilizers, mix in the following way: Making sure that the mixture is physically complete, premix 1 part of De Pesto with 2 parts of water. Add this premix to the tank of fertilizer along with ratings from the premixing container. Maintain agitation in the tank after mixing and during application. Do not mix until ready to use.

SWEET CORN: See the chart on the other side of this label for application rates and directions.

SUGARCANE: Sugarcane Borer - Apply 1 - 1 1/2 pints De Pesto per acre using ground or aerial equipment. Check sugarcane fields weekly, beginning in early June and continuing through August. Make first application only after visible joints form and 5% or more of the plants are infested with young larvae feeding in or under the leaf sheath and which have not bored into the stalks. Repeat whenever field checks indicate the infestation exceeds 5%. Do not apply within 12 days of harvest. Do not use in Hawaii.

6 **RESTRICTED USE PESTICIDE**

FOR RETAIL SALE TO AND APPLICATION ONLY BY
CERTIFIED APPLICATORS OR PERSONS UNDER THEIR
DIRECT SUPERVISION



**INSECTICIDE
EMULSIFIABLE CONCENTRATE**

2 ACTIVE INGREDIENT: pestoff-tri-salicylic acid 45.0%
INERT INGREDIENTS: 55.0%
TOTAL: 100.0%

THIS PRODUCT CONTAINS 4.0 LBS OF PESTOFF PER GALLON

SPECIMEN

8 **KEEP OUT OF REACH OF CHILDREN
DANGER - POISON**



10 STATEMENT OF PRACTICAL TREATMENT

- IF SWALLOWED - Induce vomiting by giving a tablespoonful of salt in a glass of warm water. Repeat until vomitus is clear. Call a physician immediately.
- IF INHALED - Remove to fresh air. Call a physician immediately.
- IF IN EYES - Flush eyes with plenty of water for at least 15 minutes. Call a physician immediately.
- IF ON SKIN - In case of contact, remove contaminated clothing and immediately wash skin with soap and water.

SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

3 MFG BY A Z CHEMICALS
TOWN, STATE

EPA EST. NO. 00475

4 EPA REGISTRATION NO. 1357-42 **5**

9 PRECAUTIONARY
STATEMENTS
HAZARDS TO HUMANS
(DANGER)

Poisonous by swallowing or inhalation. Do not breathe spray mist. Do not get in eyes. Avoid contact with skin. Wear a mask or respirator of a type tested by the Mining Enforcement Safety Administration and the National Institute for Occupational Safety & Health for De Pesto protection. For emergency assistance call 800-800-0000.

10 TO PHYSICIAN: De Pesto is a reversible cholinesterase inhibitor. Do not use antidotes such as 2-PAM, Give Atropine 2mg, intravenously or subcutaneously. If in eye wash one drop of morphine 1%,

11 ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Birds feeding on treated areas may be killed. Keep out of any body of water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of waste. This product is toxic to bees and should not be applied when bees are actively visiting the area.

PHYSICAL OR CHEMICAL
HAZARDS

Flammable: Keep away from heat or open flame.

DIRECTIONS FOR USE

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

12 RE ENTRY STATEMENT

Do not enter area within five days after application.

CATEGORY OF APPLICATOR

For use only by agricultural pest control applicators.

13 STORAGE AND DISPOSAL

STORAGE: Store in original container. Do not store next to food, water or feed or other articles intended for consumption by humans or animals.

DISPOSAL: Destroy by burning in a safe place.
OR
Contact Local, State or Regional Federal Authorities for local restrictions on disposal.

NET CONTENTS, ONE GALLON

1. Product Name

- The product name, which may include a brand or trademark, must appear on the front panel of the label
- Examples of product brand names
 - **DuPont™ Cinch® herbicide**
 - **Tradewind® Aquatic Herbicide**
 - **Presidio® Fungicide**

2. Ingredients–Activity and Percentage.

- The chemical name of the product as well as common name may also be included.
- The ingredient statement on the label must include the identity and percentage of each active ingredient and the total percentage of the inert ingredients.

ACTIVE INGREDIENT.....	XX%
INERT INGREDIENTS (or Other Ingredients.....	<u>XX%</u>
(Total).....	100%

3. Name and Address of the Manufacturer

- The company name and address given on the label are the name and address of the registrant or the manufacturer.
 - This information will allow the user to contact the manufacturer or responsible party if needed.

4. EPA Establishment Number

- The U.S. EPA Establishment Number must appear on the label or the container. This identifies the location at which the product was produced.
- The first set of digits is the number assigned by U.S. EPA to the firm. The middle letters indicate the state or, if outside the U.S., the country in which the establishment is located. The last number is the number assigned to the establishment.
- For example: EPA Est. 0000-WIS-0000.

5. EPA Registration Number

- EPA Reg. No. 00000-00000
- The first set of digits is the company firm number. The second set of digits is the number assigned to the product.
- U.S. EPA Registration Numbers are not assigned until the product has completed the registration process at U.S. EPA.

6. Statements of Use

- Pesticides are classified as general or restricted use.
- For federally restricted products, the statement "Restricted Use Pesticide" with a summary statement of the terms of restricted use must be at the top of the label's front panel.
- California restricted materials can be found in 3 CCR, section 6400. They do not require specific labeling. California restricted materials are regulated through permits, not specific labeling requirements.

7. Directions for Use

- Site of application such as crops, animals, areas, or objects to be treated
- Target pests for each site. If a pest is listed on the label, directions for use must be included for that pest.
- Dosage rate for each site and pest
- Method of application
- Dilution instructions (when applicable)
- Frequency and timing of applications (including pre-harvest intervals and REI when applicable)

Directions for Use Cont.

- Carcass disposal for rodenticide products:
 - Survey area for carcasses.
 - Bury or double bag and dispose in garbage.
- Can also contain prohibitions:
 - Do not **Pile** bait.
 - Do not graze livestock while bait is present.
 - Do not apply in homes.

8. Signal word

- The signal word is required on the front panel of the label and is determined by the toxicity category of the product.

Category I = DANGER*

Category II = WARNING

Category III = CAUTION

Category IV = not required

*If the product is a Category I pesticide because of its oral, inhalation, or dermal toxicity, the word "POISON" must appear in red on a contrasting background and skull and crossbones must appear in immediate proximity to the word "POISON." This is in addition to the required signal word "DANGER."

9. Precautionary Statements

- Precautionary statements indicating hazard to human and domestic animals must be stated under the general heading "Precautionary Statements" and under the subheading "Hazards to Humans and Domestic Animals." These statements must be immediately preceded by the signal word.
- Precautionary statements are based on results of the acute toxicity studies.
- Include PPE to mitigate exposure.
- Every label must bear the statement "Keep Out of Reach of Children."

Sample Precautionary Statement

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

Causes eye irritation. Harmful if swallowed, inhaled or absorbed through the skin. Do not swallow, get in eyes, on skin or breathe spray mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standards (WPS) for agricultural pesticides [40 CFR 170.240(d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

Endangered Species Section

- This section is generally included right after the precautionary statement section.
- There may be specific restrictions on where and how the pesticide is used in endangered species habitat.
- For additional information on endangered species habitat and restrictions contact your local County Agricultural Commissioner's office or <http://www.cdpr.ca.gov/docs/endspec/index.htm>

10. First Aid Statement*

- A first aid statement is required on all pesticide product labels that are toxicity Category I, II, or III due to oral, inhalation, or dermal toxicity, or are Category I or II for skin or eye irritation.
- This is required on the front panel for Category I products or elsewhere if approved by U.S. EPA. It is permissible to have referral statements such as, "See First Aid statement on Back Panel."
- Pesticide Safety Information Series A-4 contains additional information on First Aid.

* The First Aid Statement and the Statement of Practical Treatment are synonymous

11. Environmental Hazards Statements

- Environmental hazards statements are required if a hazard to the environment, including non-target organisms, exists. These must be stated under the general heading "Precautionary Statements" and under the subheading "Environmental Hazards."

12. Restricted Entry Interval (REI)

- The period of time immediately following the application of a pesticide during which unprotected workers should not enter a field.
- California may impose more stringent REI than is required on the labeling based on available worker protection regulations.
- Whenever there is a labeling REI and a regulatory REI for an application, the longer REI must be followed.

13. Storage and Disposal Directions

- Labels for pesticide products are required to bear instructions for the storage and disposal of pesticides and pesticide containers.
- Storage and disposal instructions cover the appropriate storage of the pesticide product, disposal of any unused pesticide product or any rinse liquids resulting from cleaning of pesticide application equipment, and the disposal of the pesticide container.

Material Safety Data Sheet

- The Occupational Safety and Health Administration (OSHA) has direct authority over MSDSs.
- Contains additional information including reactivity, health, and fire and explosion hazards
- When an MSDS is distributed with a pesticide it becomes a part of the registered label.

Deviations from Labeling

- In some cases it is permissible to deviate from the label:
 - FIFRA Section 2(ee)
 - Use at any dosage, concentration, or frequency less than specified on the labeling.
 - Use against any target pest not specified on the labeling as long as the use site is on the label.
 - Methods of application not prohibited on the labeling.

Where Can I go for More Information?

- The United States Environmental Protection Agency

- <http://www.epa.gov/pesticides>

- The California Department of Pesticide Regulation
- http://www.cdpr.ca.gov/docs/registration/manual/chapter_02.pdf



Thank you!

