# 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



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### RESTRICTED USE PESTICIDE

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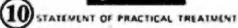


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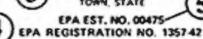
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#### PRECAUTIONARY STATEMENTS

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#### CATEGORY OF APPLICATOR

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### 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	XX%
(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!

