

Pesticide Label & Labeling



Commercial Pesticide Applicator Exam
Prep Seminar

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Labels are legal documents!

- The label is LAW
- Off-label use is illegal

Overview of Labels and Labeling

- Reading & understanding the label
- Reading & understanding the MSDS

Reading & understanding the label

- Read the label first! (page 34)
 - Before you BUY
 - Before you MIX
 - Before you APPLY
 - Before you STORE
 - Before you DISPOSE

What is on a pesticide label?

□ Names:

- Brand/Trade name (A)
 - Used and marketed by manufacturer
- Chemical name (B)
 - Used by scientists to describe the active ingredient
- Common name (C)
 - Well-known name

What is on a label?

- Type of formulation (D)
 - (We'll discuss specifics of formulations in next lecture)

What is on a label?

- Ingredient statement
 - Active ingredient (E)
 - % by weight or per gallon of concentrate
 - 'Inert' or 'other' ingredients (F)
 - Don't have to be named
 - Complete makeup to 100%

What is on a label?

- Net contents (G)
- Name & address of manufacturer (H)
- Registration & establishment numbers (I)
 - Establishment no.
 - Factory & lot/batch
 - Where does this appear?

What is on a label?

- “Keep out of reach of children” followed by a SIGNAL word (4 categories) (J)
 1. Danger-**Poison**
 - Very toxic by oral/dermal/inhalation
 - Skull and cross bones
 - Peligro
 2. Danger
 - Highly toxic
 3. Warning
 - Moderately toxic
 4. Caution
 - Slightly or nontoxic



What is on a label?

- Precautionary Statements (3 types) (K)
 1. Hazards to humans & domestic animals
 - What PPE is needed
 2. Environmental hazards
 3. Physical & chemical hazards

What is on a label?

- Statement of Practical Treatment (L)
 - Emergency first aid instructions
 - What should you bring with you to the doctor?

What is on a label?

- Statement of Use Classification (M)
 - Is this pesticide a federal RUP? If so, then must be listed on label

What is on a label?

□ Directions for Use (N)

■ Misuse statement

- What are some illegal uses?
- What are some legal uses?

■ Use by reference

- Example: Endangered species protection bulletin

■ Reentry statement

- Restricted entry intervals (REIs)

■ Waiting periods

- Preharvest interval (PHI)

What is on a label?

- Storage & Disposal (O)
 - How to store pesticide
 - Dispose of excess pesticide & empty containers

Material Safety Data Sheet (MSDS)

- 16 sections
- Addresses:
 - Physical data of chemical
 - Melting point, boiling point, flash point
 - Toxicity (LD50)
 - Health effects
 - First aid
 - Reactivity
 - Storage & disposal
 - PPE
 - Spill/leak procedures

Material Safety Data Sheet (MSDS)

- Where do you get MSDS's?

- OSHA requires:
 - On-site copy of MSDS for hazardous chemicals
 - Accessible
 - Personnel are trained to understand MSDS

- Organization (page 35)



Questions?
