

Name: \_\_\_\_\_

## Pest Management Notes

- Three Types of Greenhouse Pest:

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### **Weeds**

- Four Major Types in the Greenhouse:

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- Greenhouse weeds are:

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- Why is greenhouse weed control important?

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- Preventative Measures

- \_\_\_\_\_ is the most important in control.
- Start with weed free plant materials.
- Sterile substrate
- Clean-up spilled \_\_\_\_\_

- Corrective Measures

- Remove weeds \_\_\_\_\_.
- \_\_\_\_\_ the greenhouse for 1-2 months.
- Apply herbicides.

- Herbicides can be....

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### **Pest Control**

- Pest Control Measures

- The best pest control programs consist of three components:

- Preventative Measures
  - Practice Proper \_\_\_\_\_
    - Control weeds both inside and outside the greenhouse.
    - Sterilize greenhouse benches \_\_\_\_\_.
    - Start with \_\_\_\_\_ planting media.
    - Clean \_\_\_\_\_ such as pruners and trowels after each use.
    - Remove \_\_\_\_\_ or unmarketable plants.
    - Kill algae and remove excess media from bench and floor.
  - Maintain the Optimal Growing Environment
    - Plants under stress are more susceptible to \_\_\_\_\_ and insects: avoid temperature and water \_\_\_\_\_.
    - Control greenhouse \_\_\_\_\_.
    - Maintain proper \_\_\_\_\_.
  - Inspect All Plant Material Entering the Greenhouse
    - Treat or dispose of plant material showing signs of disease or insect \_\_\_\_\_.
- Surveillance
  - Scout Greenhouse Crops for Insects and Diseases
  - Use \_\_\_\_\_ to Monitor Insect Populations
- Reading Chemical Labels
  - Brand Name
    - Different names are used by different manufacturers even though their products contain the same \_\_\_\_\_.
  - Product Type
    - indicates in general terms what the product will \_\_\_\_\_.
    - What are the types of agricultural products?
      - \_\_\_\_\_
      - \_\_\_\_\_
  - Active Ingredient
    - The chemical(s) responsible for \_\_\_\_\_ the pest.
  - Chemical Name
    - The complex name identifying the \_\_\_\_\_ components and structure of a chemical.

- Signal Words

- The statement, KEEP OUT OF REACH OF CHILDREN, must also appear above the signal word on the label.
- \_\_\_\_\_—Highly toxic by any route of entry into the body. Peligro, the Spanish word for danger, must also appear on the label.
- \_\_\_\_\_—Can cause severe eye damage or skin irritation.
- \_\_\_\_\_—moderately toxic either orally, dermally, or through inhalation; causes moderate eye or skin irritation. Aviso, the Spanish word for warning, must also appear on the label.
- \_\_\_\_\_—Slightly toxic either orally, dermally, or through inhalation; causes slight eye or skin irritation.

- Other Information

- PPE

- \_\_\_\_\_
- Protects the human body from contact with chemicals.
- There are three main way chemicals can make it in the body:
  - Dermal
  - \_\_\_\_\_
  - Inhalation

- Common PPE:

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- Directions for Use

- It is a violation of \_\_\_\_\_ law to use any pesticide in a manner inconsistent with its \_\_\_\_\_.
- What pests the product is registered to control
- Where the product can be used (plants, animals, locations)
- How to apply the product
- How much product to use
- When the product should be applied
- How often to apply the product
- How soon the crop can be used or eaten after an application
- When people and animals can re-enter a treated area after application