

# PESTICIDE BASICS 101

MASSACHUSETTS DEPARTMENT OF AGRICULTURAL RESOURCES  
PESTICIDE PROGRAM

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# LAWS AND REGULATIONS

- FEDERAL INSECTICIDE RODENTICIDE ACT (FIFRA)
  - Provides baseline structure for regulating pesticides
  - Provides the states the ability to regulate pesticides (must not be more lenient than FIFRA)
- MASSACHUSETTS PESTICIDE CONTROL ACT (M.G.L. 132B)
- 333 CMR

# PESTICIDE AND USE

- Pesticide: “A substance or mixture of substances intended for preventing, destroying, repelling, or mitigating any pest, and any substance or mixture of substances intended for use as a plant regulator, defoliant, or desiccant;”
- Herbicide, Insecticide, Fungicide, Rodenticide, Anti-microbial
- Some exceptions: 25b minimum risk and some pet products
- Use of a Pesticide - shall mean any act of handling a pesticide, releasing of a pesticide, or exposing of man or woman or the environment to a pesticide, including, but not limited to:
  - (a) Application of a pesticide including mixing or loading of equipment and any supervisory action in or near the area of application.
  - (b) Storage actions relative to pesticides and pesticide containers carried out or supervised by an applicator.
  - (c) Disposal actions relative to pesticides and pesticide containers carried out or supervised by an applicator.
  - (d) Transportation actions relative to pesticides and pesticide containers except those by carriers and dealers.

# PESTICIDE PRODUCT REGISTRATION

- **Environmental Protection Agency**
  - Tests
  - Labeling
  - EPA Registration Number
  - Warning Signals
  - Restricted Use
- **Pesticide Division**
  - Determine if it will be sold/use in State
  - Further Restrictions

# PESTICIDE PRODUCT REGISTRATION

- Registration by Subcommittee
- 333 CMR 8.04 Disposition of Application
- Subcommittee determination of potential to cause unreasonable adverse effects when used as labeled:
  - Refuse to register
  - Register – unclassified/General Use
  - Register and classify for Restricted Use

# PESTICIDE LICENSING, TYPES

- Commercial Applicators License (Core)
  - Use General Use Pesticides
  - Use Restricted Use Pesticides Under Direct Supervision
- **Private Certification License (Category)**
  - **Use Restricted Use Pesticides in Agriculture**
  - **Must be Licensed in the Appropriate Category**
  - **This will allow you to train your workers/handlers for WPS**

# PESTICIDE LICENSING

- **Exam**
  - 125 questions
  - Online
  - Study Material
- **Continuing Education Requirement (has specific requirements)**
  - 12 CEU's within three years
- **Renew every year**

# REQUIREMENTS SPECIFIC FOR MARIJUANA (PRODUCT CHOICE)

- Must be registered by EPA and the State
- Must be labeled for Hemp AND Tobacco
- Active Ingredient must be exempt from food tolerance
- Cannot have any Days to Harvest requirements on the label



# Steps

Step 1: Determine if product is labeled for Hemp

Check EPA Website

Review Label

Step 2: Determine if product is labeled for tobacco

Review Label

Step 3: Determine if product is registered by EPA

Look for EPA Registration Number on product

Step 4: Determine if product is registered with MA

Refer to MDAR Website Kelly Registration

Step 5: Determine if active ingredient is tolerance exempt

Refer to guidance sheets

Refer to EPA CFR

Step 6: Determine if product has Days to Harvest

Review label

# REQUIREMENTS SPECIFIC FOR MARIJUANA (USE)

- If product has two different rates for tobacco and hemp; must use the lower rate
- If used inside, must be labeled for greenhouse

# RECORD KEEPING REQUIREMENTS

- Place (Field location/Commodity/Room)
  - Date of application
  - Product name
  - EPA Registration Number
  - Total amount of pesticide used
  - Dilution Rate
  - Target Pest
  - Method of application
  - Person making the application
  
  - Restricted Entry Interval (“REI”)
  - Active Ingredient
  - Time of application
- } Required by WPS

# WORKER PROTECTION STANDARD

## Webinar Tomorrow!

- Training (Workers/Handlers)
- Notification
- Record Keeping
- Respirator Fit Testing
- PPE
- Decontamination
- Application Exclusion Zone (outside)

# PESTICIDE STORAGE

- Solids over liquids
- Secondary containment
- Metal vs. Wooden Shelves
- Inventory sheet
- Labels & MSDS
- Spill Kit
- Ventilation
- Label service containers
- Call Fire Department
- Spill Response Plan

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