

**USDA Natural Resources Conservation Service (NRCS)****May, 2004**

Landowner \_\_\_\_\_

**WHAT IS PEST MANAGEMENT**

Pest management is utilizing environmentally sensitive prevention, avoidance, monitoring, and suppression strategies, to manage weeds, insects, diseases, animals and other organisms that directly or indirectly cause damage or annoyance.

**PURPOSE**

Pest management is applied as part of a resource management system to:

- Enhance the quantity and quality of agricultural commodities.
- Minimize the negative impacts of pest control on soil resources, water resources, air resources, plant resources, animal resources and/or humans.

**HOW IT HELPS THE LAND**

Pest management systems need to include all methods of control for the pest and:

- Incorporate the use of Integrated Pest Management (IPM) systems.
- Any environmental risks associated with pest management.
- Mitigation alternatives to minimize environmental risks.

**WHERE THE PRACTICE APPLIES**

Pest management systems can be used in conjunction with other conservation practices such as a buffer strips, conservation crop rotations, irrigation water management and/or nutrient management on a site specific basis to address natural resource concerns. These practices can also be used to mitigate potential environmental risks associated with pest management activities.

**APPLYING THE PRACTICE**

Owners/operators are responsible for the proper implementation of pest management activities including the operation and maintenance of equipment.

- Review and update the pest management plan periodically in order to incorporate new IPM technology, respond to new cropping systems or pest changes, and avoid the development of pest resistance.
- Maintain mitigation techniques or practices identified in the pest management plan in order to ensure continued effectiveness.
- Develop a safety plan for individuals exposed to chemicals, including telephone numbers and addresses of emergency treatment centers for individuals exposed to chemicals and the telephone number for the nearest poison control center.

The Oklahoma Poison Control Center telephone number is: 1-800-222-1222

The Oklahoma Poison Control Center's website also contains information for non-emergency uses: <http://www.oklahomapoison.org/>

The National Pesticide Information Center (NPIC) telephone number in Corvallis, Oregon for non-emergency information is: 1-800-858-7384

**Monday - Friday**

**6:30 a.m. to 4:30 p.m. Pacific Time**

- All uncontained emergency spills in Oklahoma of more than ten (10) gallons liquid or twenty-five (25) pounds dry weight of pesticide concentrate or fifty (50) gallons of an application mixture (tank mix) shall be reported by a commercial applicator within 24 hours by telephone and by written notice within three (3) days to:

**(405-702-5100)**

**Waste Management**

**Oklahoma Department of Environmental Quality**

**P.O. Box 1677**

**Oklahoma City, Oklahoma 73101-1677**

**and**

**(405-203-5180)**

**Pest Management Section**

**Oklahoma Department of Agriculture, Food and Forestry**

**2800 N. Lincoln Blvd.**

**Oklahoma City, Oklahoma 73152**

The national 24-hour CHEMTREC telephone number for emergency spills is: 1-800-424-9300

- Follow label requirements for mixing/loading and setbacks from wells, intermittent streams, rivers, natural or impounded ponds, lakes, or reservoirs.
- Post signs according to label directions around sites that have been treated. Follow restricted entry intervals.
- Dispose of pesticides and pesticide containers in accordance with label directions and adhere to Federal, State, and local regulations. **Oklahoma Pesticide Laws and Rules for disposing of pesticides can be obtained on the following website:**

<http://www.oda.state.ok.us/laws-home.htm>

- Read and follow label directions and maintain appropriate Material Safety Data Sheets (MSDS).
- Calibrate application equipment according to the OSU Extension Agent's Handbook and/or the manufacturer recommendations before each seasonal use and with each major chemical change.
- Use regularly scheduled maintenance on equipment and replace worn nozzle tips, cracked hoses, and faulty gauges.
- Maintain records of pest management for at least two years. Pesticide application records shall be in accordance with USDA Agricultural Marketing Service's Pesticide Record Keeping Program.
- Certified applicators in Oklahoma must keep the following records:

1. Time of application.
2. Place of each application.
3. Name and address of the applicator.
4. Name and address of person for whom applied.
5. Legal description of the land where applied:
  - May be a street address when properly marked.
  - Shall not be a Post Office Box address.
6. Date of application.
7. Pesticide tank mix concentration.
8. Dilution rate for mixing.
9. Total quantity of pesticide used:
  - Total amount of pesticide concentrate used.
  - Total amount of pesticide tank mix used.
10. Complete trade name of pesticide product used.
11. EPA registration number of pesticide product used.
12. EPA establishment number of pesticide product used.
13. Any lot or batch number appearing on the pesticide product used.
14. Target pest for the application.
15. Site where the pesticide was applied.
16. Restricted Entry Interval as stated on the product label.
17. A copy of the pesticide product label as it appears on the container.
18. Copies of any contracts issued.
19. Other information as required by the Board.

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