

Personal Protective Equipment Resources

This is a comprehensive list of resources previously supplied. They may not still be available in every county.
Compiled April 2002; Updated October 2004; Updated October 2005

PPE Resources distributed to Extension county offices, selected others

2005

PPE Information and Sample Labels – a reference notebook

2004

The Pesticide Book, 6th Ed., 487 pp.

PPE Kit for demonstrating label specified PPE

2003

GEMPLER'S Tailgate Training Tips (Tip Sheets 61-72)

2002

The Pesticide Book, 5th Ed.; and *The Standard Pesticide User's Guide*, 5th Ed., 543 pp.

2001

Pest Control Technician Safety Manual, Pinto & Assoc., 245 pp.

Safe and Effective Use of Pesticides, (2nd Ed., 342 pp.)

1999

"Gempler's Tailgate Training Tip Sheets"

1995

"WPS Label Information for DowElanco TELONE Products: PPE Requirements";

"Worker Protection Standard Quick Reference for Using DuPont Agricultural Products"

"Worker Protection Standard Amendments" from Gowan; Micro-Flo Company WPS Summary (PPE);

Worker Protection Standard Restricted-Entry Intervals and Notification Requirements for Miles' Products (PPE)

"Respirator Safety Training Unit", which includes:

Video, workbook, evaluation sheet, and List of Participants sheet (1.0 CCH);

Manual: "How to Use Respirators" from Gempler's;

Poster illustrating how to clean respirators;

Two respirators to be used for demonstration and training;

Fit test ampules;

Respirator storage bag;

"Respiratory Protection Plan": covers OSHA respiratory program requirements

Video Resources on PPE from our Resource Library

Shedding Some Light on Pesticide Protection (Video Tape) — In this video tape fluorescent dye was added to a pesticide mixture, and people who worked with that mixture were videotaped under black light at the end of the day. This dramatic demonstration shows how anyone who works with pesticides can become contaminated during normal work activities and can be used to motivate workers to change their behavior in regard to use of PPE and personal hygiene. It also emphasizes the importance of playing it safe, rather than risking the possibility of long-term effects of pesticide exposure.

Safe Use of Pesticides in Outdoor Nurseries: Parts 1 & 2 (Video Tapes in English and Spanish) — Part 1-Pesticide Safety for Nursery Workers defines pesticides, how to protect yourself from exposure to pesticides, symptoms of pesticide poisoning and what to do in case of an accident. Part 2-Handle Pesticides Safely, for pesticide handlers tells how dangerous different pesticides are, how to protect yourself from exposure, what to do for heat illness or pesticide poisoning, how to rinse and dispose of empty containers, PPE, employer/employee responsibility and handling pesticide emergencies.

Pesticide Handlers and the Worker Protection Standard (Video Tapes in English and Spanish) — This video tape meets federal Worker Protection Standard training requirements for pesticide handlers. It is divided into 16 parts: pesticides can be dangerous; protecting yourself; signs/symptoms of pesticide poisoning; health effects and first aid; PPE; respirators; heat stress; pesticide labels; transportation/storage; mixing/loading; spill cleanup; cleanup/disposal; flagging; application; personal hygiene; working safely with pesticides.

It's a Matter of Respect: The Safe Use of DuPont Insecticides--Handler Program (Video Tapes in English and Spanish) — This is a commercial video tape whose products we do not endorse, but which contains information important to pesticide applicators/handlers. Alone, this tape does not fulfill WPS requirements, but is an excellent addition to approved WPS training for handlers. The tape instructs on PPE required by the label for each DuPont insecticide mentioned, as well as general information on personal safety and hygiene. (DuPont insecticides: Asana, Bidrin, Biobit, Lannate, Vydate, Vendex.)

It's a Matter of Respect: The Safe Use of DuPont Insecticides--Field Worker Program (Video Tapes in English and Spanish) — This is a commercial video tape whose products we do not endorse, but which contains information important to agricultural workers. Alone, this tape does not fulfill WPS requirements, but is an excellent addition to approved WPS training for agricultural workers. The tape instructs on REIs and early-entry PPE required by the label for each DuPont insecticide mentioned, as well as general information on personal safety and hygiene. (DuPont insecticides: Asana, Bidrin, Biobit, Lannate, Vydate, Vendex.)

Calibrating Golf Course Boom Sprayers (Video Tape) — This video tape can be used for training pesticide applicators who apply turfgrass protectants using powered-boom sprayers. It discusses nozzle selection, calibration, computerized electronic application systems, PPE and other safety precautions, closed systems, environmental issues and public relations.

Reducing Pesticide Risks: An Interactive program for Training Pesticide Handlers (Video Tapes in English and Spanish) — Program for training pesticide handlers. This training is based on the Federal Worker Protection Standard requirements and is presented in five episodes. Label interpretation; Protecting yourself when handling pesticides; Safe handling of pesticides and their containers, including mixing, loading, spill cleanup, and storage; Applying pesticides safely, including planning ahead for environmental hazards and sensitive areas; Cleaning up after handling pesticides, includes personal hygiene and cleaning of PPE.

Selection and Care of Clothing Used for Pesticide Application (Video Tape) — Discusses the importance of wearing the proper personal protective clothing and equipment when applying pesticides. Describes how pesticides enter the body, types of protective clothing that should and should not be worn to reduce exposure, how to launder clothing worn during pesticide application and personal hygiene during and after pesticide application to protect yourself and your family members.

Protective Clothing and Equipment for Pesticide Applicators/ What the Wary Ones Wear (2-part tape) (Video Tape) — Part 1: Personal protective equipment and clothing for pesticide applicators/handlers on the market today, different materials used in their manufacture, and relative costs for different materials. Part 2: Personal protective equipment fit, maintenance, cleanup, and personal hygiene for safety with pesticides.

Pesticide Applicator Safety (Video Tape) — Discusses how wearing the proper personal protective equipment and handling pesticides safely will prevent pesticide exposure and other pesticide-related accidents. Provides detailed descriptions of and the reasons for using each piece of protective clothing and equipment during mixing and loading, application and cleanup.

Always Wear the Right Stuff (Video Tape and Slides with Audio Tape) — Discusses personal hygiene, reading the label and exposure factors which are dependent upon the individual handler, the nature of the job or equipment being used and the environment. Describes different types of protective clothing, materials and material finishes, cleanup and care of protective clothing.

Working Safely with Pesticides (Video Tape) — Discusses information found on the pesticide label and the MSDS, personal protective equipment, accident procedures, poisoning symptoms, rinse and disposal requirements and pesticide storage.

Working with Pesticides: Vol. II--Infield Clothing, Equipment & Environmental Safety (Video Tape) — Discusses personal safety for pesticide applicators/handlers: posting emergency numbers, having clean water and a spill kit on hand and correctly using personal protective equipment. Also discusses specific responsibilities of the applicator to protect the environment, such as site inspections, correct application methods and proper equipment cleanup.

Working with Pesticides: Vol. III--Calibrating, Mixing & Applying Pesticides (Video Tape) — Discusses guidelines for calibrating different types of pesticide sprayers. Includes equipment inspection, mixing accuracy, proper loading procedures, safety measures when applying pesticides, personal protective equipment and disposal of leftover chemicals.

Working with Pesticides: Vol. II--Infield Clothing, Equipment & Environmental Safety (Video Tape) — Discusses personal safety for pesticide applicators/handlers: posting emergency numbers, having clean water and a spill kit on hand and correctly using personal protective equipment. Also discusses specific responsibilities of the applicator to protect the environment, such as site inspections, correct application methods and proper equipment cleanup.

Using Pesticides Safely Module 3: Protecting the Pesticide Handler (Video Tape) — Emphasis on nonagricultural pesticide application. Discusses how pesticides enter the body, how to avoid exposure, poor work habits that can lead to pesticide contamination and the effects pesticides have on the body. In addition, protective equipment required for certain types of pesticide application and procedures to follow in case of an accident. Question and answer session on tape.

Use of Chemicals to Manage Roadside Vegetation--Module 8 of 9: Applicator/Operator Safety for Roadside Vegetation Management (Video Tape) — Understanding hazards of working with herbicides and plant growth regulators. Discusses pesticide toxicity and types of exposure. Basic principles about when and how to use personal protective equipment and other methods for avoiding exposure.

Training Greenhouse Workers to Handle Pesticides Safely (Video Tapes in English and Spanish) — Emphasizes problems associated with pesticide application in greenhouses and nurseries: pesticide entry into the body, mixing and loading, inspection and maintenance, protective equipment, personal hygiene, storage/disposal and symptoms of pesticide poisoning.

Safe Use of Pesticides in Interiorscapes (Video Tape) — Emphasizes problems associated with caring for and managing plants in interior landscape settings, i.e., offices, shopping malls, businesses, etc. Discusses following label instructions, employee/client right-to-know, personal safety measures and protective equipment, mixing and loading, applying pesticides, general cleanup and proper handling of chemical spills.

Pesticide Safety Worker Protection for Agricultural Workers and for Handlers and Early-Entry Workers (2 Parts) (Video Tapes in Spanish and English) — Emphasizes problems associated with caring for and managing plants in interior landscape settings, i.e., offices, shopping malls, businesses, etc. Discusses following label instructions, employee/client right-to-know, personal safety measures and protective equipment, mixing and loading, applying pesticides, general cleanup and proper handling of chemical spills.

Pesticide Safety Series Part I: Minimal Risk for Pesticide Applicators (Video Tape) — This program explores eight fundamental issues that should be addressed by an effective minimal risk safety training program: Management/Employee Relations, Label Information, Protective Clothing, Pesticide Storage, Mixing and Loading, Application, Disposal and Accident Response. The information applies to all types of situations, orchards, turf, field crops, landscaping, golf courses and greenhouses. The tape emphasizes the importance of providing ongoing training for employees and targeting specific hazards associated with each particular work environment.

An American Farm Tale-Chronic Organophosphate Exposure and Treatment: The Rea Farm Case Study (Video Tape) —This video uses reenactment of live events and interviews with the parties involved to show how one farmer became the victim of pesticide poisoning on his own family farm. And how, through proper handling and application practices, he regained his health and productivity. Emphasis is placed on recognizing symptoms of pesticide poisoning, proper use of personal protective equipment and safe pesticide handling practices.

Basic Safety for Pesticide Applicators (Video Tape) —Safe pesticide application through protection from exposure: protective clothing and safety equipment, reading the product label and MSDS, maintenance and inspection of equipment, personal hygiene, and awareness of worksite hazards.

Calibration of Pesticide Spraying Equipment (Video Tape) —Discusses equipment calibration for broadcast and banded spray operations. Instructs on preparing the equipment, determining the rate of application, figuring the amount of the product needed, inspecting and maintaining equipment and taking precautions, such as wearing the correct personal protective equipment.

Emergency Response to Pesticide Spill Accidents: Pilot/Operator Rescue from Accidents Involving Pesticides Wear (Video Tape) — Emergency response to an ag aircraft crash: identify the pesticide involved, obtain information about the pesticide, wear personal protective equipment, set up an incident command system, rescue procedures specific to aircraft accidents, and decontamination procedures. Informs pesticide applicators of the needs of first responders to ag aircraft accidents.

Homeowner's Guide to Outdoor Pesticide Safety (Video Tape and Slides with Audio Tape) — Discusses the types of pest problems found in home lawns and gardens, types of control and prevention of these pests, varieties and formulations of pesticides on the market for home pest control, pesticide labels, application equipment and personal protective equipment, mixing/loading procedures, spills and first aid, cleanup and disposal of empty containers and storage of leftover pesticides.

Pesticide Application Training Series: What the Wary Ones Wear (Video Tape) — Describes personal protective equipment for feet, body, hands and respiratory systems, and why they should always be used. Also discusses fit, maintenance, and cleaning of equipment and good personal hygiene required for safe use of pesticides.

Pesticide Residue Removal for Plastic Container Reuse/Recycling (Video Tape) — Discusses how to rinse agricultural pesticide containers, so they can be either recycled, recovered for energy use or disposed of as solid waste. Includes types of personal protective equipment required when cleaning containers and how to wear it correctly. Shows in detail the procedures for both pressure rinsing and triple rinsing small and large plastic containers.

Pesticide Safety - Employee Training (Video Tape) — Discusses the nature and types of pesticides being used and safe work practices and procedures to help reduce hazards associated with their use, specifically, pesticide toxicity, groups of pesticides and the symptoms of acute pesticide poisoning associated with each, protective clothing and equipment and applicable laws and regulations.