A solid orange vertical bar is located on the left side of the slide.

Pesticide
Application
Safety
Requirements

CCR 6720 Safety of Employed Persons is the Responsibility of the Employer



CCR 6722

The Employer Shall Not Permit an Employee Under 18 Years of Age to:

- (a) handle any pesticide used in the commercial or research production of an agricultural commodity.
- (b) enter a field under a restricted entry interval.



CCR 6723 Hazard Communication for Pesticide Handlers.

- The Employer is required to display a completed copy of the current Pesticide Safety Series A-8 or N-8 leaflet at the following locations:
- At the worksite or a central location where the employees start their day
- At all permanent decontamination facilities
- At any decontamination facilities that service 11 or more fieldworkers



- If there are any changes to the medical information listed in the A-8, the A-8 must be updated to reflect those changes within 24 hours of the change
- Upon an employee's request, the employer must read the PSIS A-8 in a language the employee can understand

CCR 6723: Hazard Communication for Pesticide Handlers

- Growers must maintain pesticide use records and SDS for pesticides that have been applied to the field within the last 2 years for each pesticide at a central location accessible to their employees.
- Growers must inform their employees of the location of the pesticide use records and SDS
- If the location of those records changes, the employer must promptly notify employees of the change.

Month 1		Year 2								
Operator ID/Permit No.	Operator (Grower)			Address	City	Zip Code				
Site Identification No.	Total Planted Acres/Units	County Number	Section	Township	Range	Base & Meridian				
Commodity/Site Treated				Field Location						
Date/Time Application Completed	Acreage/ Units Treated	Pre-plant (Pesticide)	Application Method (Check One)	Block ID (if Applicable)	EPA or State Registration Number (From Label)	Total Product Used	Days Reentry	Rate Per Acre	Dilution	Product and Manufacturer
		<input type="checkbox"/>	<input type="checkbox"/> Ground <input type="checkbox"/> Air <input type="checkbox"/> Fume <input type="checkbox"/> Other			<input type="checkbox"/> LB <input type="checkbox"/> OZ <input type="checkbox"/> PT <input type="checkbox"/> QT <input type="checkbox"/> GA				
		<input type="checkbox"/>	<input type="checkbox"/> Ground <input type="checkbox"/> Air <input type="checkbox"/> Fume <input type="checkbox"/> Other			<input type="checkbox"/> LB <input type="checkbox"/> OZ <input type="checkbox"/> PT <input type="checkbox"/> QT <input type="checkbox"/> GA				
		<input type="checkbox"/>	<input type="checkbox"/> Ground <input type="checkbox"/> Air <input type="checkbox"/> Fume <input type="checkbox"/> Other			<input type="checkbox"/> LB <input type="checkbox"/> OZ <input type="checkbox"/> PT <input type="checkbox"/> QT <input type="checkbox"/> GA				
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		<input type="checkbox"/>	<input type="checkbox"/> Ground <input type="checkbox"/> Air <input type="checkbox"/> Fume <input type="checkbox"/> Other			<input type="checkbox"/> LB <input type="checkbox"/> OZ <input type="checkbox"/> PT <input type="checkbox"/> QT <input type="checkbox"/> GA				

Report Prepared By _____ Date _____ Reviewed By _____
For Agency Use Only

Distribution: (1) CAC; (2,3) Applicator

SUBMIT TO AGRICULTURAL COMMISSIONER WITHIN 10 DAYS OF MONTH FOLLOWING APPLICATION



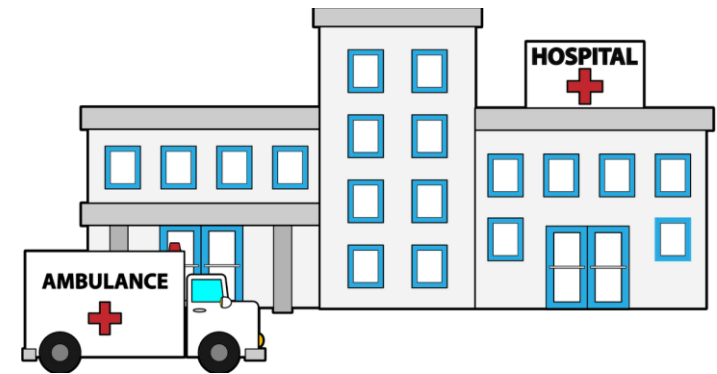
CCR 6723.1 Application-Specific Information For Handlers

- Growers must display application specific information at a central location that details:
 - The crop/site treated and the location of the treated field
 - The start and end date and time of the application
 - The restricted entry interval
 - The name of the product used, the EPA number for that product and the active ingredient
 - The Safety Data Sheets for the applied pesticide or adjuvant



CCR 6726 Emergency Medical Care

- The Employer must locate a facility where emergency medical care is available for employees who will be handling pesticides prior to the employees handling any pesticides.
- The name, address and phone number of that medical facility must be posted at the work site or on the work vehicle when the employee handles pesticides
- If the employer suspects that an employee could have a pesticide exposure or a pesticide related illness, the employee must be taken to medical care immediately



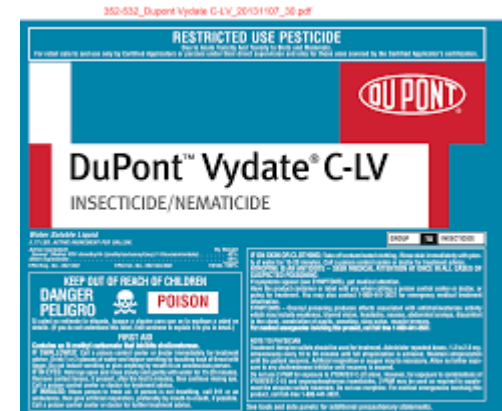
CCR 6728 Medical Supervision.

Whenever an employee mixes, loads, or applies a pesticide with the signal word "DANGER" or "WARNING" that contains an organophosphate or carbamate, for the commercial or research production of an agricultural plant commodity, the employer shall maintain use records that identify the employee, name of the pesticide, and the date of use.



- Must have a physician sign a written agreement stating they will provide medical supervision of the employee

The employer shall post the name, address, and telephone number of the medical supervisor in a prominent place at the locale where the employee usually starts the workday or, if there is no locale where the employee usually starts the workday, at each worksite or in each work vehicle.



6730 Working Alone

- (a) An employee mixing, loading, or applying a pesticide in toxicity category one for production of an agricultural commodity may not work alone during daylight hours unless personal, radio, or telephone contact is made to a responsible adult at intervals not exceeding two hours.
- (b) An employee mixing, loading, or applying a pesticide in toxicity category one for production of an agricultural commodity may not work alone during nighttime hours unless personal, radio, or telephone contact is made to a responsible adult at intervals not exceeding one hour.



6732 Change Area



- For any employee who regularly handles pesticides with the signal word "DANGER" or "WARNING", and for all employees who handle any pesticides for the commercial or research production of an agricultural plant commodity, the employer shall assure that there is, at the place where employees end their exposure period and remove their personal protective equipment, an area where employees may change clothes and wash themselves. Clean towels, soap, and sufficient water shall be available to allow for thorough washing.
- The employer shall provide a clean, pesticide-free place where employees may store any personal clothing not in use while at work handling pesticides.

CCR 6734 Handler Decontamination Facilities

The employer must provide the following decontamination supplies for handlers of pesticides



Soap



An extra set of clean coveralls per handler



3 gallons of clean water per handler at the start of the workday



Single use Towels

CCR 6734 Handler Decontamination Facilities

The decontamination site must be located at the mixing and loading site, and not more than $\frac{1}{4}$ mile away from other handlers.



In order to meet this requirement, multiple decontamination sites may be necessary, or Pesticide Applicators may need to carry decontamination supplies.

The decontamination site must not be in the area being treated or in an area under a restricted entry interval.

CCR 6734 Handler Decontamination Facilities

Employers must provide clean water for emergency eye flush if protective eyewear is required by labeling.



There must be 1 pint of water for emergency eye flush immediately available to each applicator. This can be carried by the handler or on the application vehicle.



At the Mixing/Loading site, there must be a system capable of delivering gently running water at a rate of least 0.4 gallons per minute for at least 15 minutes, or there must be at least six gallons of water in containers suitable for providing a gentle eye-flush for about 15 minutes



CCR 6738 Personal Protective Equipment Care

The employer is required to:

Provide all personal protective equipment that is required by the pesticide labeling, by regulations, and by restricted material permit conditions



Provide for its daily inspection and cleaning

Replace any worn damaged or heavily contaminated PPE

Assure that all PPE, when not in use, is kept separate from the employee's personal clothing and in a clean, pesticide free area.



CCR 6738 Personal Protective Equipment Care

The employer is required to assure that:

- PPE is used correctly and for its intended purpose
- Potentially contaminated personal protective equipment is kept and washed separately from other clothing or laundry.
- All clean personal protective equipment is either dried thoroughly before being stored or is put in a well-ventilated place to dry.
- PPE remains the property of the employer and that pesticide handlers are not allowed or directed to take potentially contaminated personal protective equipment into their homes.
- Any person or firm assigned or hired to clean or repair potentially contaminated personal protective equipment is protected and informed



CCR 6738.1 Personal Protective Equipment Use

- Protective Eyewear
- Must be worn when mixing, loading, or applying pesticides by hand or ground rig
- Conforms to curvature of face



Face Shield



Full-Face Respirator



Goggles

CCR 6738.3 Personal Protective Equipment Use

- Gloves
- Must be worn when mixing, loading, or applying pesticides by hand or ground rig
- If a glove category is specified by the label, then the applicator must wear material specified
- Must be 14 mils or thicker
 - Exception to 14 mils requirement:
 - When fine adjustments must be made but maximum of 15 minutes
 - Laminate & polyethylene
- Separable glove liners (absorbent material)
 - Must not extend past glove and disposed of at end of workday.



CCR 6738.1 Personal Protective Equipment Use

- Chemical resistant footwear, apron, and suit must be worn when required by pesticide labeling
- Chemical resistant footwear may be
 - Chemical-resistant shoes
 - Chemical-resistant boots
 - Chemical-resistant covering worn over shoes or boots
- Chemical resistant apron
 - A garment that covers the front of the body from mid-chest to the knees.
- Chemical resistant suit
 - Must cover torso, head, arms, and legs when worn



CCR 6739 Respiratory Protection

Respirators shall be used when required by

- Label
- Regulation
- Permit conditions
- Employer policy



CCR 6740

Adequate Light

- Whenever natural light in a mixing/loading area is not adequate to allow an employee to read the label and work in a safe manner, artificial light shall be provided in such areas that is sufficient to perform these activities.



CCR 6742

Safe Equipment

- The employer shall assure that equipment used for mixing, loading, transferring, or applying pesticides is inspected before each day of use and equipment with any safety defect is repaired or altered to remove the hazard before further use.



03.29.2018

FAC 12973 Recommendations and Usage



Example: simultaneous use of two products with conflicting labeling statements

Example: Illegal mixing of two pesticides with the same AI to increase dosage

- The use of a pesticide shall not conflict with:
 - The registered labeling delivered with the pesticide
 - Any conditions of a restricted material permit issued by the commissioner

CCR 6614 Protection of Persons, Animals, Property

An applicator prior to and while applying a pesticide shall evaluate the equipment to be used, meteorological conditions, the property to be treated, and surrounding properties to determine the likelihood of harm or damage.



Work
Crews?



Organic
Farms?



Working Bees?



CCR 6604 Accurate Measurement

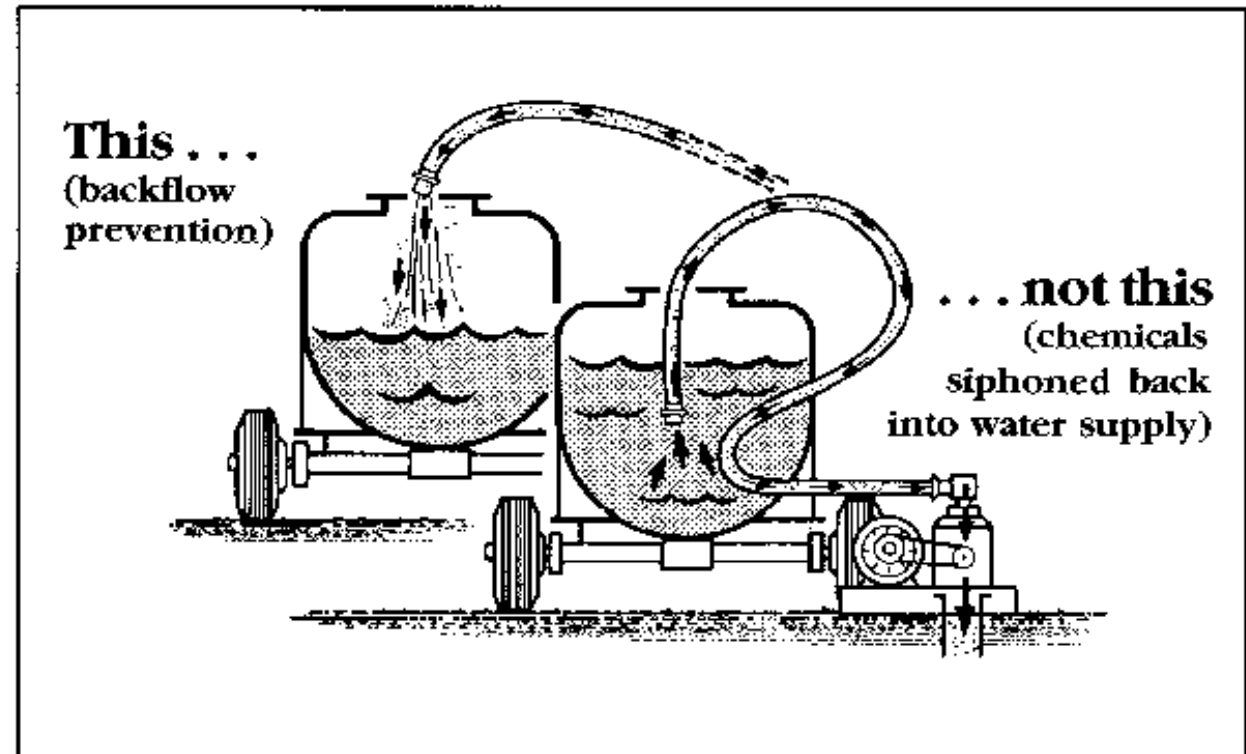
- Concentrate pesticides shall be weighed or measured accurately using devices which are calibrated to the smallest unit in which the pesticide is being weighed or measured.
- This means you will need a liquid measuring device and a scale in order to accurately measure the materials you are using.
- Just pouring from the jug or the bag is not considered adequate unless the mix requires the entire contents of the jug or bag be used.

CCR 6610 Backflow Prevention

A Backflow Prevention Device is required anytime you draw mix water from wells, streams, ditches, lakes, ponds or pipelines (either municipal or private).

An “air gap” separation (a physical break between the water line and the receiving container) is considered adequate backflow prevention.

Nurse tanks which are a separate from any water sources do not require a backflow prevention device.



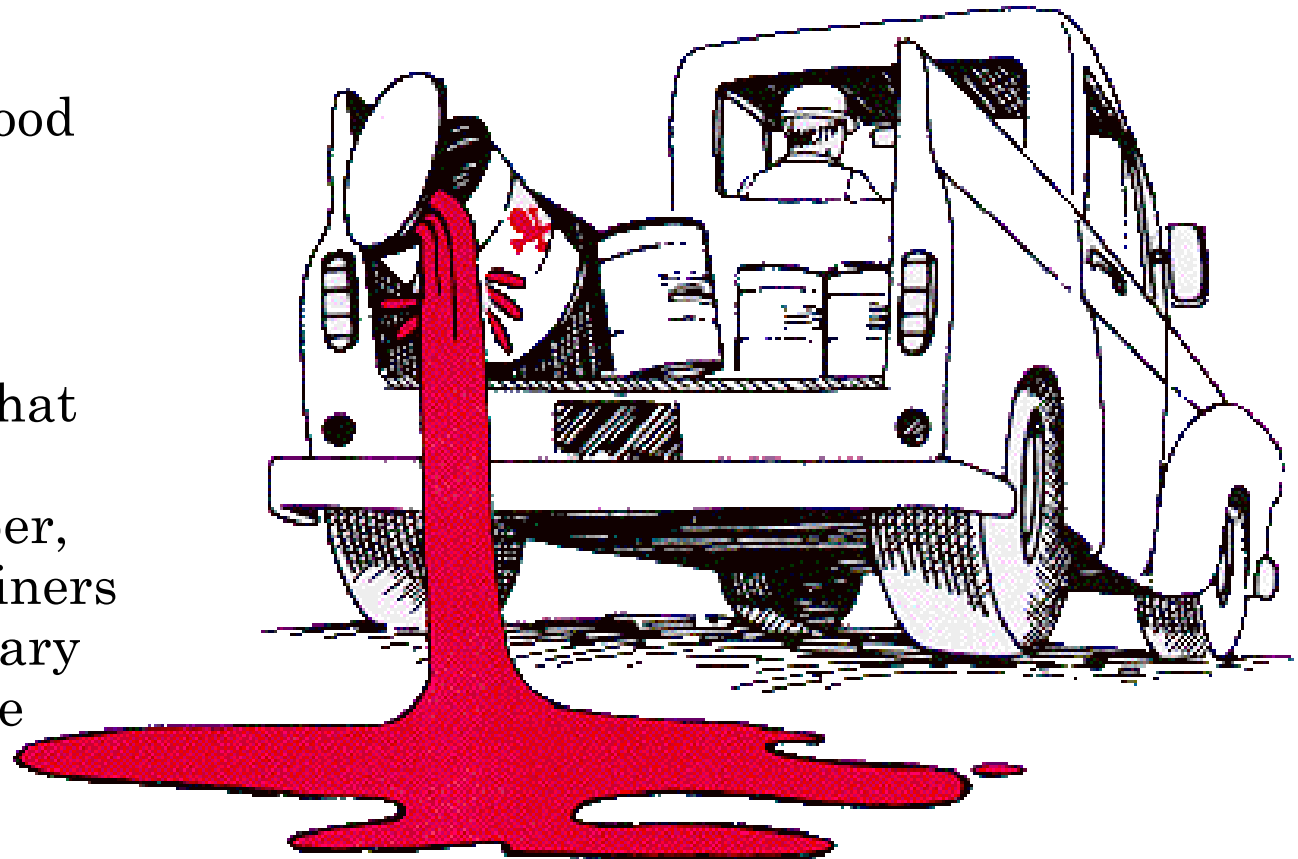
CCR 6670 General Requirement

Pesticides, emptied containers or parts thereof, or equipment that holds or has held a pesticide, shall not be stored, handled, emptied, disposed of, or left unattended in such a manner or at any place where they may present a hazard to persons, animals (including bees), food, feed, crops or property. The commissioner may take possession of such unattended pesticides or emptied containers to abate such hazard.



CCR 6682 Transportation

- Pesticides shall not be transported in the same compartment with persons, food or feed.
- Pesticide containers shall be secured to vehicles during transportation in a manner that will prevent spillage onto the vehicle or off the vehicle. Paper, cardboard, and similar containers shall be covered when necessary to protect them from moisture



CCR 6684 Rinse and Drain Procedures

Except for containers to be returned to the registrant, each emptied container that has held less than 28 gallons of a liquid pesticide that is diluted for use shall be rinsed and drained by the user at time of use



Size of container

Amount of rinse medium

Less than 5 gallons

1/4 container volume

5 gallons or over

1/5 container volume

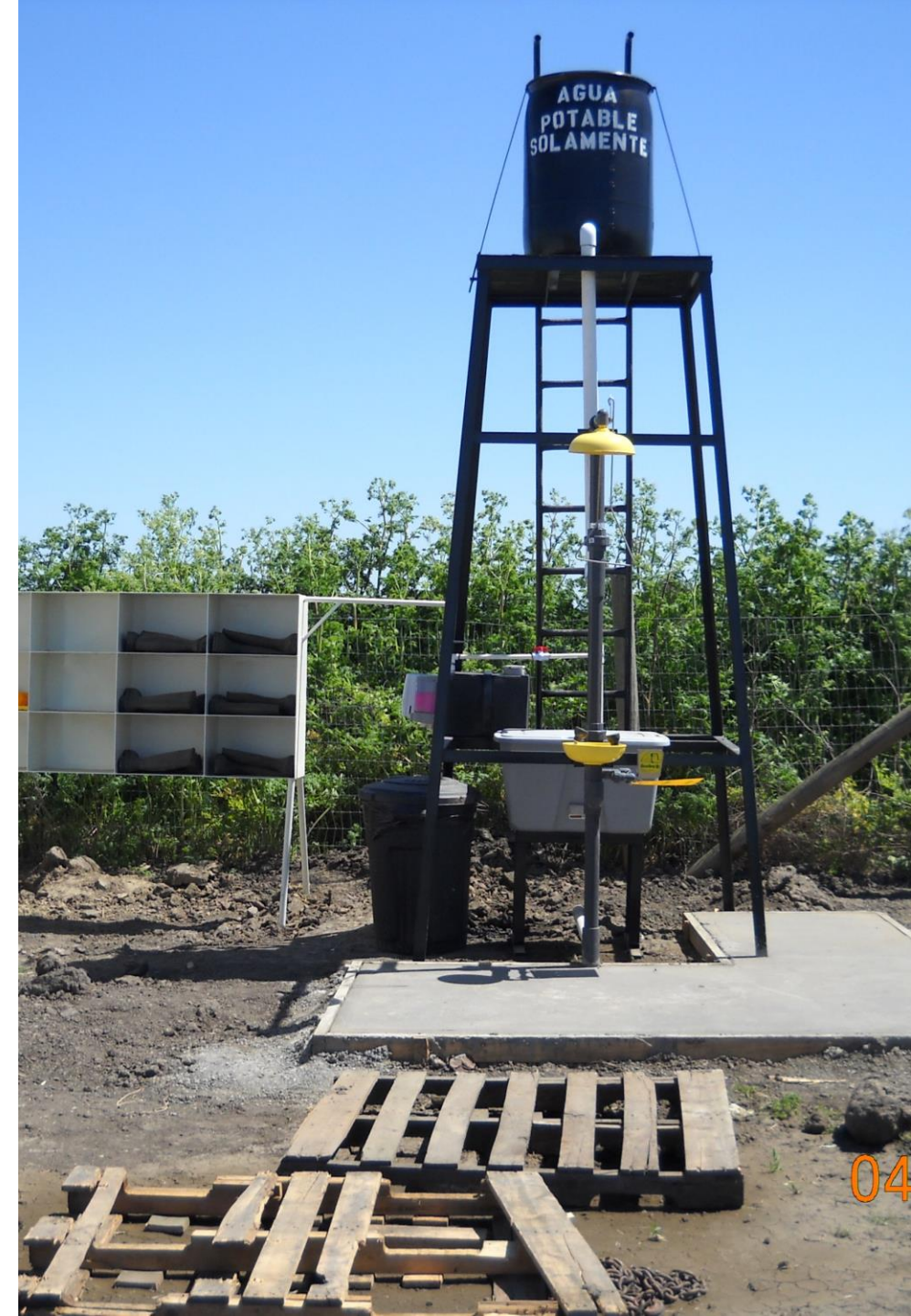
A dark, atmospheric landscape. In the foreground, a vibrant green field stretches across the bottom. In the middle ground, a small tractor is visible on the right side. The background consists of a large, dark, forested hillside under a dark sky. The overall mood is somber and mysterious.

Questions?



CCR 6734 Handler Decontamination Facilities.

- Each employee must be provided with:
 - Sufficient clean water (at least 3 gallons)
 - Sufficient soap
 - Sufficient single use towels
 - One clean change of coveralls
- This must be both at the mix load site and within $\frac{1}{4}$ mile of each handler (or at the closest point of vehicular access)
- Hand sanitizing gels and liquids or wet towelettes do not meet the requirement for soap and single use towels




6738 Personal Protective Equipment Care

- The employer shall:
 - Provide all personal protective equipment required
- Assure that all clean personal protective equipment, when not in use, is kept separate from personal clothing and in a clean and pesticide-free, specifically designated place.
- Assure that personal protective equipment is used correctly for its intended purpose.
- Keep and wash potentially contaminated personal protective equipment separately from other clothing or laundry.

ATTENTION:
This specimen label is provided for general information only.

- This pesticide product may not yet be available or approved for sale or use in your area.
- It is your responsibility to follow all federal, state and local laws and regulations regarding the use of pesticides.
- Before using any pesticide, be sure the intended use is approved in your state or locality.
- Your state or locality may require additional precautions and instructions for use of this product that are not included here.
- Monsanto does not guarantee the completeness or accuracy of this specimen label. The information found in this label may differ from the information found on the product label. You must have the EPA approved labeling with you at the time of use and must read and follow all label directions.
- You should not base any use of or other information you find here.
- Always follow the precautions and instructions for use on the label of the pesticide you are using.

21136F2-48



GROUP 9 HERBICIDE

The complete broad-spectrum postemergence professional herbicide for industrial, turf and ornamental weed control.

Complete Directions for Use

AVOID CONTACT OF HERBICIDE WITH FOLIAGE, GREEN STEMS, EXPOSED NON-WOODY ROOTS OR FRUIT OF CROPS, DESIRABLE PLANTS AND TREES, BECAUSE SEVERE INJURY OR DESTRUCTION IS LIKELY TO RESULT.

EPA Reg. No. 524-475 2007-1

Read the entire label before using this product.
Use only according to label instructions.

Not all products recommended on this label are registered for use in California. Check the registration status of each product in California before using.
Read the **LIMIT OF WARRANTY AND LIABILITY** statement at the end of the label before buying or using. If terms are not acceptable, return it once unopened.

THIS IS AN END-USE PRODUCT. MONSANTO DOES NOT INTEND AND HAS NOT REGISTERED IT FOR REFORMULATION. SEE INDIVIDUAL CONTAINER LABEL FOR REPACKAGING LIMITATIONS.

1.0 INGREDIENTS

ACTIVE INGREDIENT

*Glyphosate, N-(phosphonomethyl)glycine, in the form of its isopropylamine salt	41.0%
OTHER INGREDIENTS (including surfactants)	59.0%
	100.0%

*Contains 480 grams per liter or 4 pounds per U.S. gallon of the active ingredient glyphosate, in the form of its isopropylamine salt. Equivalent to 356 grams per liter or 3 pounds per U.S. gallon of the acid, glyphosate.

This product is protected by U.S. Patent Nos. 5,883,956; 5,709,015; 6,063,733; 6,121,199; 6,121,200. No license granted under any non-U.S. patents.

2.0 IMPORTANT PHONE NUMBERS

1. FOR **PRODUCT INFORMATION** OR ASSISTANCE IN USING THIS PRODUCT, CALL TOLL-FREE:

1-800-332-3111

2. IN CASE OF AN **EMERGENCY** INVOLVING THIS PRODUCT, OR FOR **MEDICAL ASSISTANCE**, CALL COLLECT, DAY OR NIGHT:

(314) 694-4000

3.0 PRECAUTIONARY STATEMENTS

3.1 Hazards to Humans and Domestic Animals

Keep out of reach of children.

CAUTION!

CAUSES EYE IRRITATION.

Avoid contact with eyes or clothing.

FIRST AID: Call a poison control center or doctor for treatment advice.

IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses if present after the first 5 minutes then continue rinsing eye.
<ul style="list-style-type: none"> • Have the product container or label with you when calling a poison control center or doctor, or going for treatment. • You may also contact (314) 694-4000, collect day or night, for emergency medical treatment information. • This product is identified as Roundup PRO[®] herbicide, EPA Registration No. 524-475. 	

DOMESTIC ANIMALS: This product is considered to be relatively nontoxic to dogs and other domestic animals; however, ingestion of this product or large amounts of freshly sprayed vegetation may result in temporary gastrointestinal irritation (vomiting, diarrhea, colic, etc.). If such symptoms are observed, provide the animal with plenty of fluids to prevent dehydration. Call a veterinarian if symptoms persist for more than 24 hours.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear: long-sleeved shirt and long pants; shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

When handlers use closed systems, enclosed cabs or aircraft in a manner that meets the requirements listed in Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240 (d) (4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as spill or equipment breakdown.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

3.2 Environmental Hazards

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

3.3 Physical or Chemical Hazards

Spray solutions of this product should be mixed, stored and applied using only stainless steel, aluminum, fiberglass, plastic or plastic-lined steel containers.

DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS. This product or spray solutions of this product react with such containers and tanks to produce hydrogen gas which may form a highly combustible gas mixture. This gas mixture could flash or explode, causing serious personal injury. If ignited by open flame, spark, welder's torch, lighter, cigarette or other ignition source.

Precautionary Statements

Personal Protective Equipment