#### Safety Never Takes the Day Off

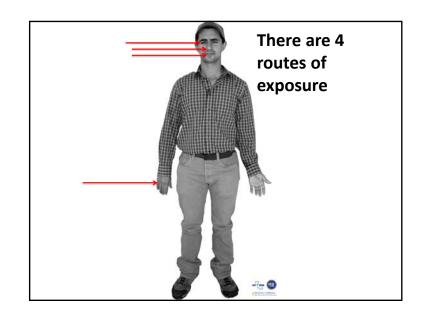
Lisa Blecker

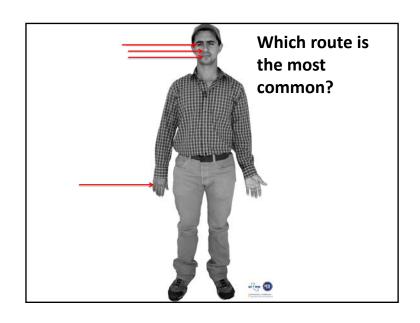
Pesticide Safety Education Program Coordinator

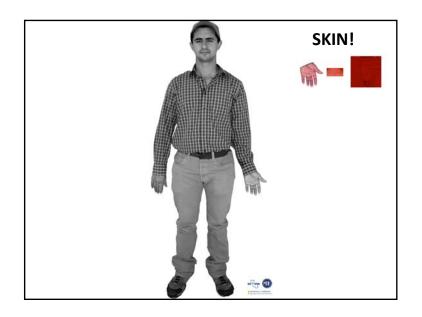
UC Statewide IPM Program

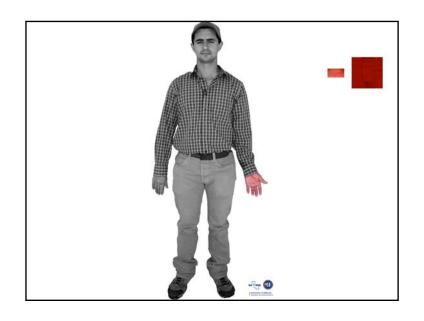
February 20, 2018

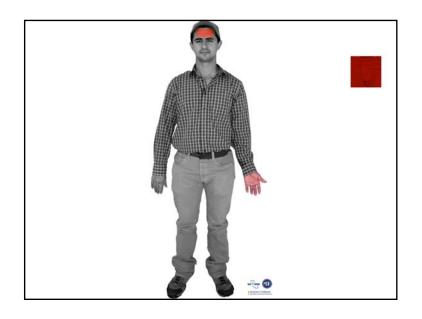
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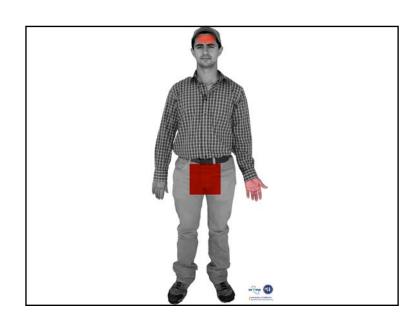


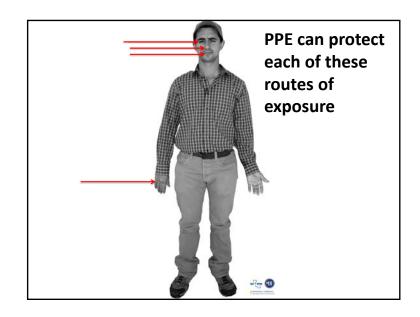






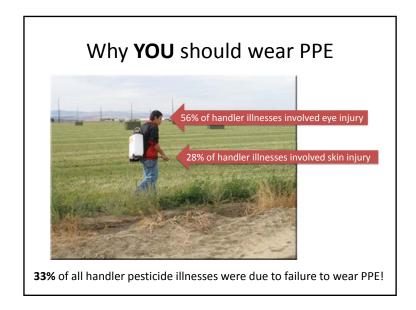












How do you know what PPE to wear?

#### 3CCR Section 6738: PPE

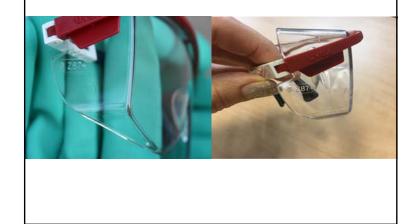
- Protective eyewear
  - Z87.1 compliant
  - Front, side, and brow protection
- Chemical resistant gloves







#### **Z87.1**



#### **Glove Selection**



#### PPE Selection - Labels

#### CAUTION

Harmful if Swallowed . Causes Moderate Eye Irritation Avoid contact with eyes, skin or clothing.

#### Personal Protective Equipment (PPE)

Some of the materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear:

• Long-sleeved shirt and long pants

- Shoes plus socks
- Chemical resistant gloves (≥ 14 mils) such as butyl rubber, natural rubber, neoprene rubber or nitrile rubber

#### **Milestone VM Plus**

- No protective eyewear
- Mentions glove category C
- Specific type of gloves and glove thickness

#### **PPE Selection - Labels**

#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION! Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some of the materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA chemical-resistance category selection chart.

Mixers, loaders, applicators, and other handlers must wear:

Long-sleeved shirt and long pants Shoes plus socks

Chemical resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride

#### Telar XP

- No protective eyewear
- Mentions glove category A
- Specific type of gloves suggested

#### PPE Selection – Labels

#### Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- · Shoes plus socks
- Protective eyewear
- Chemical resistant gloves (≥14 mils) such as butyl rubber, natural rubber, neoprene rubber or nitrile rubber

Discard clothing and other absorbent materials that have or heavily contaminated with this product's concentration. Follow manufacturer's instructions for cleaning if no such instructions for washables exist, use detakep and wash PPE separately from other laundry.

of drenched of reuse g PPE.

Garlon 3A: No glove category butyl rubber, natural rubber, neoprene rubber or nitrile rubber Protective eyewear

#### **PPE Selection - Labels**

#### CAUTION

Causes Moderate Eye Irritation • Harmful If Absorbed Through Skin Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

#### Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- · Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### Transline

- No protective eyewear
- Chemical resistant gloves

#### Glove and Eyewear Selection – Labels

#### Personal Protective Equipment (PPE)

#### Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as nitrile or butyl
- Shoes plus socks



### What kind of application equipment are you using?

#### **PPE Exceptions**

The following exceptions and substitutions to personal protective equipment required by pesticide product labeling or regulation are permitted. However, employers shall assure that all exempted personal protective equipment is present and available for use at the worksite and stored in a chemical-resistant container, such as a plastic bag, even if the personal protective equipment's use is exempted by this section.

(a) Chemical-resistant gloves and protective eyewear are not required when...

(2) using vehicle-mounted or towed equipment with spray nozzles that are located below the employee and directed downward;

# Why Wear PPE?

#### Selection and Use of PPE

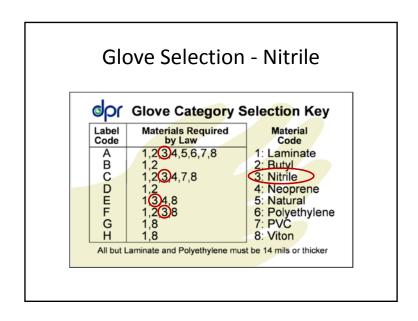
- Always follow the pesticide label
- AND!
- Always remember that CA requirements are generally more strict than label requirements

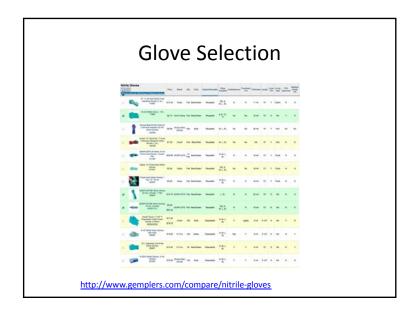


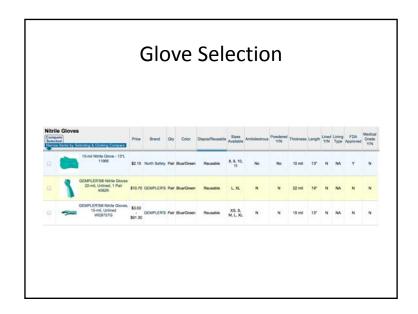








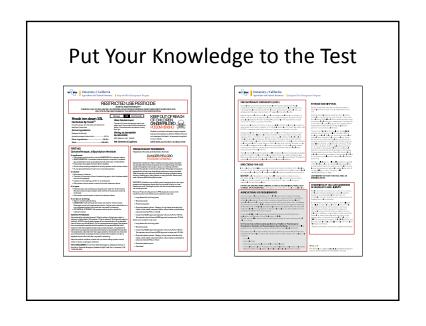


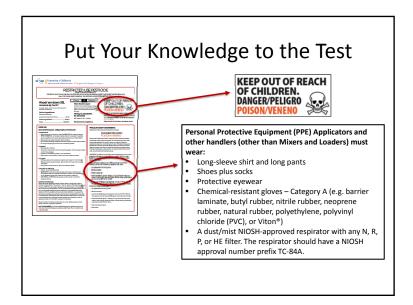


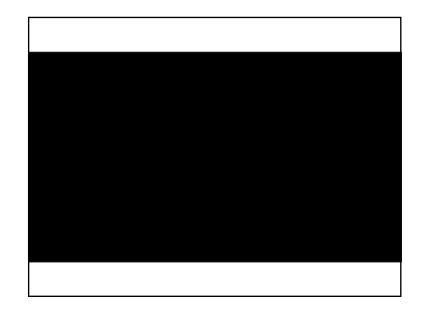
## Can you wear disposable gloves?

... when chemical-resistant gloves are used to make **fine adjustments to equipment or other activities that require high dexterity and motor control skill** the gloves must be made of an appropriate barrier material, as specified in (a) and (b) above, and only be used for a **maximum of 15 minutes**. Such gloves may only be **used once** for such specific tasks and must be discarded and not reused after the task is accomplished.











#### Take-Home Messages

- Wear protective eyewear and chemical resistant gloves for all handling activities
- Check manufacturers' specifications for thickness, uses, lining type, etc.
- Wear coveralls when handling DANGER and WARNING pesticides
- Filtering facepieces (often called "dust masks") are respirators!

#### Questions?

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