

SANTA CRUZ COUNTY AGRICULTURAL COMMISSIONER OFFICE  
**SAFETY EQUIPMENT REQUIRED BY PESTICIDE LABEL  
AND REGULATIONS**

**PROTECTIVE EYEWEAR \***

1. Pesticide Label

Protective eyewear is required for all pesticide handlers when required by label. If the pesticide labeling identifies a specific type of protective eyewear, that specific type or more protective eyewear must be worn. When protective eyewear is required, and the labeling does not identify a specific type, one of the following must be worn:

- SAFETY GLASSES that provide front, brow and temple protection.
- GOGGLES
- FACE SHIELD
- FULL-FACE RESPIRATOR unless specifically prohibited by the pesticide labeling

2. Regulation

Employees shall wear protective eyewear when mixing, loading, or applying pesticides by hand or ground rig and when exposed to application, mixing, or loading equipment that contains or is contaminated with pesticide.

\*Note: Safety glasses, goggles and face shields must have ANSI Z87.1 compliance marking.

**GLOVES**

1. Pesticide Label

Gloves must be worn when their use is required by label.

- WATERPROOF GLOVES : Any type of rubber or plastic coated material sturdy enough to remain intact throughout the task being performed. No leather or cotton gloves.
- CHEMICAL RESISTANT GLOVES
  - If the barrier material is specified by a category on the pesticide label, the required glove barrier material must be: Laminate, Butyl, Nitrile, Neoprene, Natural Rubber, Polyethylene, PVC, or Viton.
  - If barrier material or category is not specified, it may be any cited above.
  - Gloves must be 14 mils thick or greater, except barrier laminate and polyethylene.
  - Gloves must be 14 mils thick or greater, except when used to make fine adjustments to equipment or perform other high dexterity activities. A thinner glove can be worn for fine adjustments, but for 15 minutes only, then must be discarded.
  - No gloves with linings are allowed, only separable liners may be used in conjunction with chemical resistant gloves. Some conditions apply.

2. Regulation

Employees shall wear chemical-resistant gloves when mixing, loading, or applying pesticides by hand or ground rig, or when exposed to application, mixing or loading equipment that contains or is contaminated with a pesticide.

**CHEMICAL RESISTANT FOOTWEAR**

Employees shall wear chemical-resistant footwear when required. Unless specified on the pesticide product labeling, use the following:

- Chemical-Resistant Shoes
- Chemical-Resistant Boots
- Chemical-Resistant Coverings worn over shoes or boots

**CHEMICAL RESISTANT HEADGEAR**

- Chemical-Resistant Hood
- Chemical-Resistant Hat with wide brim
- No fabric Hats or Caps

**CHEMICAL RESISTANT APRON**

Employees shall wear a chemical-resistant apron when required by label. The apron must cover the front of the body from mid-chest to the knees.

**COVERALLS**

Employees shall wear coveralls when they handle pesticides with the signal word 'Danger' or 'Warning', except when using fumigants unless the pesticide product labeling expressly requires the use of coveralls.

**CHEMICAL RESISTANT SUIT**

Employees shall wear a chemical-resistant suit that covers the torso, head, arms and legs when a full-body chemical-resistant suit is required.

**RESPIRATORY EQUIPMENT**

Employees must wear a respirator when required by pesticide label, restricted material permit condition, regulation, or employer's policy.

- FILTERING FACEPIECE RESPIRATOR
- HALF-FACE RESPIRATOR
- FULL-FACE RESPIRATOR
- POWERED AIR PURIFYING RESPIRATOR (PAPR)
- SELF CONTAINED BREATHING APPARATUS (SCBA)
- SUPPLIED AIR RESPIRATOR (SAR)

NIOSH code:

- Letter: N (not oil resistant) R (oil resistant) P (oil proof)
- Number: Filter efficiency level in percentage

Organic vapor removing element is needed when pesticide label requires any of the following:

- a respirator with organic vapor-removing cartridge with MSHA/NIOSH approved pre-filter
- a MSHA/NIOSH canister approved for pesticides

**PROTECTIVE EYEWEAR**



Safety Glasses



Goggles



Face Shield



Full-Face Respirator

**GLOVE CATEGORY SELECTION KEY**

Label Code	Material Recommended by CDPR	Material Code
A	1, 2, 3, 4, 5, 6, 7, 8	1: Laminate
B	1, 2	2: Butyl
C	1, 2, 3, 4, 7, 8	3: Nitrile
D	1, 2	4: Neoprene
E	1, 3, 4, 8	5: Natural
F	1, 2, 3, 8	6: Polyethylene
G	1, 8	7: PVC
H	1, 8	8: Viton

Note: All but Laminate and Polyethylene must be 14 mils or thicker

**RESPIRATORY EQUIPMENT**



Filtering Facepiece



Half-Face Respirator



Full-Face Respirator



Powered Air Purifying Respirator (PAPR)



Self Contained Breathing Apparatus (SCBA)



Supplied Air Respirator (SAR)