

Agricultural Respirator Selection Guide


Use Only NIOSH Approved Respirators

Two Strap Air Purifying Respirators



- 3M 8210 N95**
 - Grain
 - Hay
 - Hogs
 - Pesticides (solids)
 - Poultry
 - Sanding
 - Woodworking
- 3M 8511 N95** Exhalation Valve
 - Grain
 - Grinding
 - Hay
 - Hogs
 - Pesticides (solids)
 - Poultry
 - Sanding
 - Woodworking
- 3M 8247 R95** Charcoal Filter
 - Hog Odors
 - Poultry Odors
 - Nuisance
 - Odors
- 3M 8271 P95** Full Seal
 - Grain
 - Grinding
 - Hay
 - Hogs
 - Poultry
 - Sanding
 - Woodworking
- 3M 8577 P95**
 - Oil and non-oil based aerosol particles
 - Nuisance levels of organic vapors
 - Solvents
 - Degreasers
 - Resins
- 3M 8233 N100**
 - Grain Dust
 - Grain Handling
 - Grinding
 - Hay
 - Mold
 - Pesticides (solids)
 - Solid Pesticides
 - Spores
 - Welding

Half Mask Air Purifying Respirators



- Acid Gas**
 - Disinfectants
 - Bleach
- Ammonia**
 - Anhydrous Ammonia
 - Hogs
 - Poultry
- Cartridge Face Piece**
Use with Cartridges and Particulate Filters
- Particulate Filter P100**
 - Feed or Grain Dust
 - Hog
 - Mold
 - Organic Dust
 - Poultry
 - Spores
 - Welding
 - Wood working
- Filter Holder**
- Filter Cover**
- Particulate Filter N95**
Use as Pre Filter with Cartridges

Other Types of Respiratory Protection



- Organic Vapor**
 - Paint
 - Pesticides
- Powered Air Purifying**
Use Appropriate Filter/Cartridge
 - Grain Handling
 - Livestock & Poultry Containment
 - Pesticides
 - Woodworking

**Not for use in an oxygen deficient environment*
- Supplied Air**
 - Carbon Monoxide
 - Fumigation (enclosed areas)
 - Hydrogen Sulfide
 - Methane
 - Manure Pits
 - Paint
- Self Contained Breathing**
 - Carbon Monoxide
 - Hydrogen Sulfide (manure pits)
 - Methane
 - Silo entry

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Airborne (or Respiratory) hazards may result from either an oxygen deficient atmosphere or breathing an atmosphere with toxic particles, vapors, gases, fumes or mists. The proper selection and use of a respirator depends upon an initial determination of the concentration of the hazard or hazards present in the workplace, or the presence of an oxygen deficient atmosphere.

Name: _____

Date: _____

Determine Your Head to Toe Protection



Agriculture Exposures

- | | | |
|-------------------------------|--------------------------------|----------------------------------|
| <input type="radio"/> Cattle | <input type="radio"/> Hay | <input type="radio"/> Canola |
| <input type="radio"/> Hogs | <input type="radio"/> Corn | <input type="radio"/> Pesticides |
| <input type="radio"/> Horses | <input type="radio"/> Soybeans | <input type="radio"/> Vegetables |
| <input type="radio"/> Poultry | <input type="radio"/> Tobacco | <input type="radio"/> Fruit |
| <input type="radio"/> Sheep | <input type="radio"/> Cotton | <input type="radio"/> Welding |
| <input type="radio"/> Goats | <input type="radio"/> Wheat | <input type="radio"/> Other |

Lungs

NIOSH approved air purifying respirator based on exposures. Use 2-strap N95 or N100 respirator or canister respirator with appropriate canister. Understand exposures and read labels to determine which canister to use.

To protect myself I need:

Body

Sun safe clothing with UPF of at least 30 or use a broad spectrum (UVA/UVB) sunscreen with an SPF of 30 or higher

Based on the label - use chemical resistant gloves, PVC apron, coverall or long sleeve and long pants to protect from pesticides/chemicals.

To protect myself I need:

Head

When exposed to impact and penetration hazards wear a safety helmet or hard hat that fits right and meets the ANSI Standard Z89.1-1986. For sun exposure wear sun-safe hat or apply sunscreen.

To protect myself I need:

Ears

Hearing protection plugs or muff when exposed to noise above 85 decibels (dB).

To protect myself I need:

Eyes

Safety glasses or goggles that meet ANSI Z87.1 NIOSH Standard. When exposed to sun, sunglasses that block 99 to 100 percent of UVA and UVB light.

To protect myself I need:

Feet

Choose work shoes for the job and hazard that meet the ASTM F-2412-2005 and ASTM F-2413-2005 Standard.

To protect myself I need:

