Did you know . . .

- Eye injuries are the leading cause of blindness among farmers.
- Farmers’ eyes are the second most frequently injured body part.
- Over time, UV ray exposure can lead to cataract development and eyelid skin cancers.
- Eye injuries are more likely to occur when repairing farm machinery than when operating it.
- The most common causes of eye injuries are:
  - Flying objects
  - Chemicals
  - Dust particles
  - Sun exposure
- Protective eyewear can prevent eye injuries in over 90% of cases.

Funding for the development of this safety guide was provided by the Healthy Vision Community Awards Program, a project of the National Eye Institute.

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### Safety Glasses
Safety glasses should be impact resistant with wrap-around lenses for the most complete protection. For outside work, look for safety glasses that block 99% – 100% of UV rays. Safety glasses are available for use over prescription lenses.

### Goggles
Goggles offer good protection against front and side impact. Unvented or indirect vented chemical splash goggles provide protection from chemical vapors and liquids.

### Full Face Shield (FFS)
FFS offer good protection against splashing or dust, but have a varying degree of impact resistance. You must wear safety glasses or goggles underneath a face shield for complete protection.

### Welding Helmet
Special protection is needed during welding to prevent injury from flying sparks and exposure to light. Darkening capacity, splatter, spark, and particulate resistance will vary with helmet models.

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**Activity** | **Protective Eyewear**
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Chipping  
Grinding  
Masonry work  
Machining  
Riveting  
Sanding  | Safety Glasses or  
Goggles or  
Full Face Shield over glasses or goggles
Pressurized spraying  
High speed pressure cleaning  | Safety Glasses with side shields
Pouring or mixing chemicals  
Painting  
Cleaning  
Siphoning  
Dip tank operations  
Battery charging  | Chemical Goggles or  
Safety Glasses with side shields covered by a Full Face Shield
Welding  
Cutting  
Exposure to intense light  | Safety Glasses worn under appropriate Welding Helmet

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- Purchase only protective eyewear that meets American National Standards Institute performance standards – ANSI Z87.1 should be printed on the glasses or box.
- To purchase protective eyewear, visit a safety equipment retailer or talk to an AgriSafe nurse in your area. Go to [www.agrisafe.org](http://www.agrisafe.org) to locate a clinic near you.