

**15.1** *Identify the following general farm tasks that have been identified by the Hazardous Occupation Order in Agriculture (HOOA) to be too hazardous for youth under 16 years of age.*

- Operating a tractor with a PTO hp of over 20
- Working with breeding livestock (bull, boar, stud horse, sow, cow with newborn calf)
- Working in wood lots (timber with butt diameter over 6 inches)
- Working on ladders or scaffolds at heights over 20 feet
- Operating a vehicle to transport passengers
- Riding on a tractor as passenger or helper
- Working inside a structure with a toxic environment (silos, manure pits, fruit storage, grain bin)
- Handling or applying agricultural chemicals
- Handling or using a blasting agent
- Transporting, transferring, or applying anhydrous ammonia
- Operating or assisting to operate specialized machinery

**15.2** *Describe at least five of the following hazards related to working with or around livestock.*

- Biting
- Kicking
- Goring
- Trampling
- Crushing
- Zoonotic diseases
- Respiratory hazards

**15.3** *Identify the following restrictions on youth under 16 years of age while working in a woodlot with timber over 6 inches in diameter:*

- Operating a chainsaw
- Felling
- Bucking
- Skidding
- Loading
- Unloading

**15.4** *Identify the types of personal protective equipment and clothing used or worn when operating a chain saw or working with timber.*

**15.5** *Explain at least three of the following characteristics that cause slips and falls to be the leading causes of non-fatal injury in agricultural workplaces.*

- Tall structures
- Tall equipment
- Ladders
- Bunk silos
- Hay mows and hay holes

**15.6** *List the restrictions included in the Fair Labor Standards Act for youth operating motor vehicles.*

**15.7** *Identify and describe each of the following confined spaces or structures with potentially toxic environments that may be present on a farm or ranch operation that youth under the age of 16 are prohibited from entering.*

- Environmentally controlled fruit storage
- Silos
- Manure pits
- Bunk/horizontal silo
- Bulk storage tanks

**15.8** *Explain the reason why youth under age 16 are not permitted to handle, mix, or apply agricultural pesticides.*

**15.9** *Identify at least five of the following types of chemicals that may be present on a typical farm or ranch operation.*

- Fertilizers
- Pesticides
- Cleaners
- Sanitizers
- Solvents, oils, and lubricants
- Paints
- Pharmaceutical drugs (veterinary medicines)
- Fuels

**15.10** *Identify and interpret the following key signal words used on agricultural chemical containers to warn of toxicity level.*

- Caution
- Warning
- Danger
- Danger-Poison

**15.11** *Explain the reason why youth under age 16 are not permitted to handle blasting agents.*

**15.12** *Identify each of the following hazards when using agricultural chemicals, including anhydrous ammonia.*

- Eye injury
- Freeze burns
- Respiratory damage
- Asphyxiation
- Death

**15.13** *Identify specific or geographic hazards that might be associated with farms or ranches, including:*

- Overhead and buried utilities
- Poisonous insects
- Poisonous snakes
- Wild animals
- Drainage and irrigation canals, ditches, and streams
- Farm ponds/lagoons
- Frequent lightning
- Hills and holes
- Rough terrain
- Weather and temperature extremes
- Boulders

**15.14** *Identify the following types of powered tools used to maintain farms and ranches and explain their potential hazards.*

- Lawn mowers
- Post-hole diggers
- High-pressure washers
- Chain saws
- Generators
- Log splitters
- Hedge trimmers