

9.1 *Identify and explain the differences between ATVs and UTVs.*

9.2 *Explain the appropriate applications of ATVs and utility vehicles in agricultural workplaces.*

9.3 *Identify the following components of ATVs and UTVs.*

ATV UTV

- Parking brake
- Hand brake lever
- Foot brake lever or pedal
- Throttle
- Fuel supply shut-off
- Ignition switch
- Clutch
- Shift lever
- Kill switch
- Winch equipped (optional)
- Parking brake
- Foot brake lever and throttle
- Ignition switch
- Shift level
- Bed dump
- ROPS with seatbelt
- Bench seating (multiple passengers)
- Doors
- Enclosed cabin (optional)

9.4 *Describe the most serious hazards associated with ATV and UTV usage on farms and ranches, including the following:*

- Underage operators
- Operates at high speeds in forward and reverse
- Rough terrain
- Overturns
- Extra riders
- Obstacles (fences, poles, guide wires, trees)
- Presence of bystanders
- Size of vehicle vs. size of operators
- Roadway collisions
- Unpredictable livestock

9.5 *Identify and explain the function of each of the following types of personal protective equipment (PPE) that should be used by ATV operators.*

- Head protection - Helmet
- Eye protection
- Protective clothing
- Protective footwear
- Gloves

9.6 *Explain the importance of ensuring a proper “fit” for the operator of an ATV.*

- Engine size
- Operator size

9.7 *Explain the steps used for conducting a pre-operation inspection of an ATV as outlined in the operator’s manual.*

9.8 *Explain the safe starting procedure for an ATV and UTV as outlined in the operator’s manual.*

9.9 *Explain the safe operating procedures for an ATV as outlined in the operator's manual.*

9.10 *Describe the process of using body movement to maintain ATV stability when doing the following:*

- Climbing a hill
- Descending a hill
- Maneuvering over an obstacle
- Turning a corner

9.11 *Explain at least five of the following basic safety procedures for operating UTVs on the farm.*

- Read the operators manual
- Do not transport extra riders in the cargo area
- Match speed to terrain and conditions
- Slow down for turns
- Do not overload
- Distribute load evenly
- Do not operate on public roadways
- Keep all tires on the ground
- Secure load