

# 2021-2022 Agricultural Technical and Equipment ID CDE

## Information Sheet

### Tool Identification

- Students will identify 25 tools
- 25 tools, tool descriptions, or described tool uses will be provided for identification
- Students will select from a list the corresponding number for the tool identified and record it on the answer sheet.

### Written Exam

- Students will answer 25 multiple choice questions
- Multiple choice questions may be selected from any of the resources identified in the CDE Guidelines
- Written exam questions match the skill selected for the FY20 CDE (focus on Automatic Level)

### Skill

- The skill will involve interpreting pictures, photos, or diagrams to determine slope of land.
- Students may be required to perform any or all the following skills:
  - Read and record the backsight or foresight of a survey rod.
  - Read and record the distance using stadia crosshair measurements.
  - Use the readings to determine the difference in elevation between two locations.
  - Use the readings to calculate percent slope between two locations.
  - Use the calculated percent slope to determine potential land class.

### Measurement

- The measurement activity will match the skill (focus on reading a survey rod)
- Students may be required to determine:
  - Sight readings on a photo/picture of a survey rod (read and record)
  - Distance using stadia crosshairs on a photo/picture of a survey rod (read, calculate, and record)
- The survey rod photos will be of an engineer's rod (feet, tenths of feet, hundredths of feet)
- Measurements will need to be recorded to the nearest hundredth of a foot (0.00 feet)

### Items to Bring:

- Pencils
- Clipboards
- Calculators