

FY17 Junior Agricultural Mechanics 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 have been selected from Section 11: Electricity and Electronics of the textbook *Agricultural Mechanics: Fundamentals and Applications* by Ray V. Herren (6th Edition)
- Written exam questions match the skill selected for the FY16 CDE

Skill

- The FY17 Jr Ag Mech Skill will involve wiring a 120 volt circuit consisting of two boxes.
- Students will only make connections.
- The wire will already be installed in the circuit and boxes will already be mounted.
- Tools will be provided
- Devices may include two of the following:
 - Single pole switches
 - Receptacles (duplex convenience outlet)
 - Light (keyless lampholder)
- Boxes will be mounted on a 2 x 4
- Safety glasses are required