

**NORTH CAROLINA FFA ASSOCIATION**  
**2005 AGRICULTURAL TOOLS AND MATERIALS IDENTIFICATION**  
*KNOWLEDGE TEST*

Name \_\_\_\_\_ Contestant Number \_\_\_\_\_

Chapter \_\_\_\_\_ Score \_\_\_\_\_

**Directions:** Choose the correct use for each of the tools by writing the appropriate letter in the space to the left of the tool.

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|------------------------------|--|
| ___ 1. Flathead Stove Bolt   | A. Cutting threads on bolts and rods   |
| ___ 2. Common Nail           | B. Overhead irrigation of plants where rotation is water driven              |
| ___ 3. Water Breaker         | C. Sawing metal  |
| ___ 4. Pipe Bushing          | D. Anchoring into a hollow space   |
| ___ 5. Solderless Wire Nut   | E. Cutting and shaping shrubbery   |
| ___ 6. Pruning Shears        | F. Joining two or more electrical wires                                      |
| ___ 7. Bolt Die              | G. Reduces the impact of water pressure on soil and plants                   |
| ___ 8. Eye Bolt              | H. Cutting inside threads  |
| ___ 9. Junction Box          | I. Bolt used to attach wire onto   |
| ___ 10. Cold Chisel          | J. Join several electrical wires into a circuit                              |
| ___ 11. Finishing Nail       | K. Cutting metal   |
| ___ 12. Pipe Stop & Waste    | L. Reducing pipe size  |
| ___ 13. Lopping Shears       | M. Turning off water and draining line                                       |
| ___ 14. Carriage Bolt        | N. Nailing boards together where holding power is desired                    |
| ___ 15. Roundhead Stove Bolt | O. Joining two pieces of pipe  |
| ___ 16. Pipe Coupling        | P. Fastening wood or metal to metal with a screwdriver or wrench             |
| ___ 17. Impulse Sprinkler    | Q. Cutting wood in close places  |
| ___ 18. Coping Saw           | R. Cutting large branches when pruning shrubbery                             |
| ___ 19. Pipe Nipple          | S. Joining two pieces of pipe where neither side can be turned               |
| ___ 20. Machine Bolt         | T. Cutting curves and irregular cuts   |
|                              | U. Bolting wood to wood or wood to metal                                     |
|                              | V. Nailing boards where head will not be noticed                             |
|                              | W. Fastening metal to metal with a wrench                                    |
|                              | X. Adding length to a piece of pipe  |
|                              | Y. Valve for attaching a water hose; turning water supply on and off         |
|                              | Z. Fastening wood to metal/metal to metal with wrench leaving a flat surface |