



VIRGINIA
FFA ASSOCIATION

Forestry Field Day State Fair of Virginia



Purpose:

The Agriscience Fair is an exciting opportunity for students interested in scientific principles and emerging technologies in the agricultural industry. The Agriscience Fair gives students a chance to display agriscience projects that represent original scientific research (i.e. conducting an investigation that includes collecting scientific data to answer a question or test a hypothesis) in one of the following areas: Animal Systems, Environmental Services/Natural Resource Systems, Food Products and Processing Systems, Plant Systems, Power, Structural and Technical Systems, or Social Systems

Rules and Guidelines: A TEAM IS COMPRISED OF 7 FFA MEMBERS. Please train alternates so that your students can compete with a full team.

Log Roll

A log, approximately 12 inches in diameter on the small end and 8 to 10 feet in length, will be provided for the competition. The course dimensions are 15' x 30'. The log may be rolled with peaveys/cant hooks and contestants' feet. Contestants must place the log in front of the starting line, not on the starting line. Contestants may put their feet on the log but may not rock or cause any movement in the log until given the start order from the judge. Once given the start order, the log will be rolled between two upright stakes. Once the log reaches the halfway point on the course (marked by 2 stakes), the log must be spun end to end (180 degrees). At no point may a contestant use their hands to touch the log. The log may be lifted off the ground with the hooks. Once the log has been spun end to end, the log must be rolled completely over the finish line using the hooks and/or feet. Contestants must complete the course in three minutes. Time stops when the log crosses the finish line. The best time wins. Entries limited to one two-person team per school. There will be a 10 second penalty each time the middle stakes are touched by the log. The log must cross the finish line without touching the end stakes. If the end stakes are knocked down and the log does not pass between the stakes, the contestants will be disqualified. Lifting the log over a stake also results in a 10 second penalty. If two or more stakes are knocked down in a row, the contestants will be disqualified.

Log Throw - Throwing a pulpwood stick for distance. Any method of wind up and delivery you can think of that is performed by one person using no artificial devices for assistance. Course dimensions are 20' x 60'. Contestants that step over the throw line will be disqualified. Stick size approximately 5 inches in diameter and 4 to 6 feet in length. Contestants who wind up by making more than one body turn will be disqualified. Entries limited to one individual per school. Best distance wins.

2023 Date: 9/26

State Fair Address:

Meadow Event Park
13111 Dawn Blvd
Doswell, Virginia 23047
Caroline County

Contest Registration and Tickets for the Fair:

Participants must have a \$6 Student Competition Ticket to enter the Fairgrounds unless they are already at the Fair for another competition. Agricultural Education instructors are responsible for ordering tickets:

<https://www.vaffa.org/state-fair-of-virginia>

Event Location:

Natural Resource Center Field
(Rain - First Bank and Trust or Farm Credit Pavilion)

Times:

Registration: 10:30 AM

Awards: Following the
Ag/Hort Demo Event

Entry Deadline:

September 15

Contest Superintendents:

Mr. Thomas Snoddy

Questions? Contact Us!

Virginia FFA Association
115 Hutcheson Hall
Blacksburg, Virginia 24061
gseibel@vt.edu
alisonks@vt.edu
540-231-3823

Notes:

Cross-cut Saw - Two-person team sawing through a log or cant. Bring your own cross-cut saw or use one provided by the Virginia Division of Forestry. Best time wins. The saw blade must cut through the entire log, if the cut/blade comes out in an angle then the team is disqualified. The students start with the blade centered on the log and begin the cutting process when told to start by the contest official. Time ends when the cut log hits the ground. Best time wins. Time limit of three minutes. Log/cant size approximately 8-10 inches in diameter. Entries limited to one two-person team per school. Lubricant is allowed only once—before sawing begins. State Forester may allow someone to sit/hold the opposite side of the log or get behind the saw buck (opposite end of the log where the student is using the saw) to help hold the log and keep it from falling after the cut is made.

Water Accuracy - Squirt water with a back pump (Indian Pump) provided by the Virginia Division of Forestry. #10 tin can placed 15 feet away on a post 4 feet high. Most water in can in one-minute time wins. Entries limited to one individual per school. All teams must use the Indian Pump provided by the Virginia Department of Forestry.

Bow Saw - One contestant sawing through a log or cant. It is recommended that students also wear chaps, safety glasses, and gloves for this event. Bring your own saw or use one provided by the Virginia Department of Forestry. In past events teams bringing their own equipment have done better. We encourage each team to bring their own saws, but please keep a safety guard on the blade except during the event. The students start with the blade centered on the log and begin the cutting process when told to start by the contest official. Time ends when the cut log hits the ground. Best time wins. Time limit of two minutes. Log/cant size approximately 6 inches in diameter. Entries limited to one individual per school. Lubricant is allowed only once—before sawing begins. State Forester may allow someone to sit/hold the opposite side of the log or get behind the saw buck (opposite end of the log where the student is using the saw) to help hold the log and keep it from falling after the cut is made.

Personal Protective Equipment

Log Roll

Required: Long pants, closed toed shoes

Recommended: Leather gloves

See note below concerning eye protection and gloves.

Low Throw

Required: Long pants, closed toed shoes

Recommended: Leather gloves

Cross-cut Saw

Required: Long pants, closed toed shoes, leather gloves, eye protection, chainsaw chaps

Note: Long pants and closed toed shoes are also required for individuals sitting on the long.

See note below concerning eye protection and gloves.

Water Accuracy

Required: Long pants, closed toed shoes

Note: Teams must use the VDOF issued backpack tank and cannot use one brought from their home school.

Bow Saw

Required: Long pants, closed toed shoes, leather gloves, eye protection, chainsaw chaps

Note: Long pants and closed toed shoes are also required for individuals sitting on the long.

See note below concerning eye protection and gloves.

NOTE:

All equipment will be provided (cross-cut saws, bow saws, backpack water pump, cant hooks, etc.). Teams may bring their own equipment (saws, cant hooks, etc.), except backpack water pump. In past events, teams bringing their own equipment have done better.

*Eye protection and leather gloves will not be provided. Teams must bring their own eye protection and leather gloves for use in the competition. Chainsaw chaps will be available for contestants to use during the competition.

**Teams bringing crosscut saws and bow saws to the fairgrounds must keep the saw blades covered at all times, except during competition use. Cant hooks and peaveys brought to the fairgrounds must have the hook secured so that it cannot pivot, and the hook point and peavey point covered at all times, except during competition use. For safety reasons: students and coaches are forbidden to carry the cant hook or peavey on their shoulder when transporting to and from the event.

All equipment will be checked prior to entry into the fairgrounds, and any items found not sufficiently sheathed will be refused entry to the fairground's property.

Awards

The state winner is determined by the placing score in each event. Should a tie occur, the number of wins in each event per school will be added to determine the winner and if a tie still exists the log role time will be used to determine the winner. The awards are as followed:

- Rosettes for members of top six teams in Junior and Senior Divisions (Provided by the State Fair of Virginia)
- Plaque for state winner and runner-up (Provided by State FFA Program if funding is available)
- Plaque for top Junior team (Provided by State FFA Program if funding is available)
- Individual awards for winners of each event (Provided by State FFA Program if funding is available)
- Stihl chainsaw to state winning Senior chapter (Provided by State FFA Program if funding is available)

Event Sponsor:



JAMES RIVER
EQUIPMENT

Notes: