

# Western Kentucky University Agriscience & Education Field Day



## Event Handbook

April 15, 2025

**Registration is due April 11, 2025!**

**Registration Available On-Line at...**

[http://www.wku.edu/agriculture/fieldday\\_registration.php](http://www.wku.edu/agriculture/fieldday_registration.php)

## Field Day Events

<a href="#">Agriculture Mechanics</a>	L.D. Brown Expo. – Holding Arena
<a href="#">Agronomy</a>	L.D. Brown Expo. - Main Concourse
<a href="#">Agriscience Fair</a>	L.D. Brown Expo. – Main Concourse
<a href="#">Welding</a>	LD Brown Expo. Farm Shop
<a href="#">Auctioneering</a>	L.D. Brown Expo. - Outside Expo.
<a href="#">Dairy Judging</a>	Dairy Barn
<a href="#">Demonstrations</a>	L.D. Brown Expo. (Holding Arena)

- Horticulture
- Food Science
- Agriculture Mechanics

<a href="#">Equine Science</a>	Student Equestrian Center Arena
<a href="#">Farm Management</a>	L.D. Brown Expo. - Sales Arena/Classroom
<a href="#">Floriculture</a>	L.D. Brown Expo.

- Test (Sales Arena)
- ID (Holding Arena)

<a href="#">Job Interview</a>	L.D. Brown Expo. – Conference Room
<a href="#">Livestock Evaluation</a>	L.D. Brown Expo. - Main Arena
<a href="#">Meat Science Evaluation</a>	L.D. Brown Expo. – Main Arena
<a href="#">Nursery/Landscape</a>	L.D. Brown Expo.

- Test (Sales Arena)
- ID (Holding Arena)

<a href="#">Soils Evaluation</a>	L.D. Brown Expo. - Outside Soil Sites
<a href="#">FFA Community Connections</a>	L.D. Brown Expo.

\*ALL STUDENTS/PARTICIPANTS MUST BE PRE-REGISTERED FOR THE AGRISCIENCE & EDUCATION FIELD DAY!

\*REGISTRATION DEADLINE IS APRIL 9th, 2024.

\*STUDENT/PARTICIPANTS THAT ARE NOT PRE-REGISTERED WILL ONLY PARTICIPATE AT THE DISCRETION OF THE EVENT FACULTY MEMBER.

\*\* ANNOUNCEMENTS THE DAY OF THE CONTEST TAKE PRECEDENCE OVER ANY PRIOR.

# **Welcome to WKU!**

The Department of Agriculture and the students at Western Kentucky University are pleased to welcome you to the Agriscience & Education Field Day! The faculty and students have planned an eventful day with contests that reflect practical applications that build knowledge bases and leadership skills that will help them prepare to become college and career ready.

The day has been planned by the Youth Development & Agricultural Education class at Western Kentucky University. The students enrolled in the class are learning principles and applications needed to become an effective agricultural educator, advisor, and team coach. From organizing the handbook, awards, contest selection, and food resources, they participate in all the processes. Students not only go through the planning and implementation phases of Field Day but are also instructed on the following topics in their semester long course work, Managing CDE teams, Recruitment & Retention, SAE Record books, Completing Proficiencies, State & American Degrees, Perkins Funding, Chapter versus Classroom Spending & STEM integration.

In the handbook, you will find information pertaining to each of the contests and the registration page for the advisors and coaches. Each team and individual entry will need a registration page for their respective contest. Registration is due April 11. Registrations will be accepted through mail, fax, or email.

**We look forward to seeing you in April!**







*Amelia Tucker*  
*Mclean County, KY*  
*Agricultural Education*  
*Projected Student Teaching – Spring 2027*



*Jolea Minix*  
*Barren County, KY*  
*Agricultural Education*  
*Projected Student Teaching - Spring 2027*



*Andrea Miller*  
*Taylor County, KY*  
*Family Consumer Sciences Education*  
*Projected Student Teaching - Spring 2026*



*McKinlee Gardner*  
*Hart County, KY*  
*Agricultural Education*  
*Projected Student Teaching – Spring 2027*



*Eliza Spinks*  
*Adair County, KY*  
*Family Consumer Science Education*  
*Projected Student Teaching – Spring 2026*

*Lexi Holcomb*  
*Warren County, KY*  
*Family Consumer Science Education*  
*Projected Student Teaching Date – Spring 2026*



*Mary Kerr*  
*Grayson, KY*  
*Family Consumer Science Education*  
*Projected Student Teaching – Spring 2026*



*Emma Betz*  
*Dubois County, IN*  
*Agricultural Education*  
*Projected Student Teaching – Fall 2026*



***Kendall Berry***  
***Jackson County, IN***  
***Agricultural Education***  
***Projected Student Teaching – Spring 206***

***Mari Rodriguez***  
***Warren, KY***  
***Family Consumer Science Education***  
***Projected Student Teaching – Spring 2026***



***Lance Willen***  
***Cumberland County, KY***  
***Agricultural Education***  
***Projected Student Teaching – Spring 2027***



***Makayla Bizzell***  
***Mount Juliet, TN***  
***Agricultural Education***  
***Graduate Teaching Assistant***

## **General Information**

- The Western Kentucky University Agriscience & Education Field Day will be on April 15, 2025, at the L.D. Brown Agricultural Exposition Center.
- **ALL contestants will start in the Expo. for announcements AND then be released to their respective contests.**
- The Exposition center is located off Nashville Road on the WKU Farm.
- All participants MUST be pre-registered before they will be allowed to take part in the events of the day.
- Registration forms must be received by April 11, 2025.
- **All participants will meet in the Exposition Center at 9:15 am (Central Time) for announcements and then will be released to their contest sites.**
- Participants may wear official dress or appropriate attire that reflects the contest needs and requirements.
- Field Day is open to **ALL** students that have an interest in agriculture and are participating in a contest being offered.
- **Awards will be given at the Expo. at the conclusion of the contest and results are tabulated.**
- **Any awards not collected on April 15 WILL NOT be mailed! You may schedule a time to pick up your plaque or ribbons from the Department of Agriculture office.**
- If the results are not able to be completed the day of the contest, they will be posted no later than two days after the event and awards mailed to the appropriate participants.
  - Each student that attends the Field Day must participate in a contest.
  - A student may participate in only one contest.
  - One team per chapter per contest is permitted. Livestock may have two teams per school.
- Concessions will be available for lunch and snacks.
- Students may purchase lunch and eat in the Exposition Center.
- Advisors may pick up their lunch at the Expo.



# **Agriscience Field Day**

## **Rules & Guidelines**

### **Participants**

1. All participants/students in attendance for Field Day must be participating in a contest.
2. All participants/students must remain in the L.D. Brown Expo. at the conclusion of their contest and awards have been presented.
3. Participants/Students will not roam the grounds and disturb other contest areas.

### **Code of Ethics for Contestants, Coaches, Staff/Adults:**

- The use of alcohol, “tobacco like” products, or illegal drugs, by contestants at a contest site will be cause for immediate disqualification.
- The use of alcohol” tobacco like” products or illegal drugs will not be condoned under any circumstance, while in the presence of youth at the field day event.

### **Group Leaders**

- Group Leaders shall be individuals not affiliated with any contestant.
- Group Leaders shall attend an orientation meeting with the event chairperson prior to the event to learn their responsibilities, authority, and procedures for dealing with potential problems.
- Contest Results
  1. Printed results will be posted on the Department website at the conclusion of Field Day.

### **Number of Events a Contestant May Enter**

1. A contestant may compete in only one event.
2. Each student that attends the Field Day MUST participate in a contest.
3. One team per chapter per contest is permitted. Livestock may have two teams per school.

### **Disqualifications**

1. Falsifying information will result in a letter of reprimand being sent to each coach's respective school administration or Extension Educator by the event chairperson. A coach found guilty of violating this rule shall have his/her team and/or individuals disqualified.
  - If rule violation is found after an event, the coach shall be suspended from that respective event for one year.
2. Talking or receiving help from any source during an event is forbidden. The event chairperson may disqualify any participant violating this rule.
3. Scoring sheets that are incorrectly or incompletely marked or missing will result in a zero score.
4. Livestock owned by Western Kentucky University, or housed on Western Kentucky University property is strictly off limits to all coaches and contestants.
5. When a contestant is observed talking, referring to notes of any kind or receiving help from any source during an event, the following procedures will be enforced:



### **Contestant to Contestant**

- 1) 1st offense noticed by group leader - the participant(s) will receive a verbal warning from the group leader. The group leader will ask the participant to show their participant number. The group leader will note such numbers.
- 2) 2nd offense - the participant(s) will receive a zero (0) score on the class. The group leader will notify the event chairperson. The chairperson will score the class as zero and sign the participant's card.
- 3) 3rd offense - the participant is disqualified from the contest by the chairperson.

### **Contestant to Coach (or vice versa)**

- 1) 1st offense - the participant and coach will receive a verbal warning from the group leader. The group leader will ask the participant for his/her number.
- 2) 2nd offense - same as above in a. 2.
- 3) 3rd offense involving coach - the coach and his/her team are disqualified from the contest by the chairperson.

Following the judging event, group leaders are to confer regarding warnings given to any contestants and/or coaches for rule violations. If any contestant/coach has received multiple warnings from group leaders, the above policy will be held, i.e., the class where the second warning was issued will be scored zero. The third warning will result in disqualification.

### **Late or Early Teams**

1. No team will be permitted to judge earlier than the starting time indicated.
2. Teams arriving after the event has begun may not be allowed to participate in that event at the discretion of the chairperson.
3. The event chairperson shall determine the official starting time.

### **Ties**

1. Any ties will be broken by the method listed under each event category.

### **Awards**

1. Awards will be handed out at each contest site at the conclusion of the contest.
2. Awards will be given for the following:
  - a. 1<sup>st</sup> Place Team/Individual – Plaque
  - b. 2<sup>nd</sup> Place Team/Individual – Ribbon
  - c. 3<sup>rd</sup> Place Team/Individual – Ribbon

# **Agriscience Field Day Contest - Event Registration Form**

## **Due April 11th, 2025**

**Contest Name:**

**Coach's name:**

**Coach/School Street address:**

**Coach/School city, state, zip:**

**Coach/School e-mail address:**

**Coach/School phone numbers:**

**High School Chapter or Club Name:**

### **Participants**

	First Name	Last Name	School	Grade
#1				
#2				
#3				
#4				

**If you have disability needs, please notify the event chairperson prior to the event day.**

Coach's signature verifies eligibility of participant(s);  
Correctness and completeness of information.

Educator's signature verifies receipt of registration form.

\_\_\_\_\_  
Coach's Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
WKU Educator/Student

\_\_\_\_\_  
Date

\*Please complete one page for each field day event.

## Welding

### **Provided by the Agriculture Department**

4 pieces of 3/16"x 2"x 6" mild carbon steel for each participant

4 each 1/8" Lincoln Electric 6011 Fleetweld 180 rods/or equivalent rod for each participant

Equipment provided by student:

#### **Parent Permission Slip**

Safety Glasses

Proper Welding Attire (including helmet, gloves, jacket, clothing free of frays, PPE AWS guidelines)

Hand wire brush

Chipping hammer

The contest will follow the state Welding CDE format.

One piece of metal and 1 rod will be used to set the desired temperature for welder. The remaining metal and rods will be used to complete the following welds within 15 minutes.

Flat bead weld

Vertical Up Butt weld

Vertical Up Fillet weld

An image of the layout of the three completed welds is posted on [www.kyffa.org](http://www.kyffa.org).

Fillet Welds should be stringer beads with leg size of weld being equal to the thickness of the parts welded. For a state event, this would be 3/16" leg size. Butt and Flat Welds should also be stringer beads. width range from 2 to 2.5 times the diameter of the rod. For state this would be 1/4" to 5/16" wide. Length of welds for the Fillet and Butt should be 3.5" plus or minus 1/2." And the flat weld must run the entire length of the plate

Students will weld 1 stringer bead weld in the flat position using 1 piece of 3/16" x 4" x 3" flat stock. This is one pass on one side. The rod will be an E-6011 1/8 diameter.

\* Consider undercutting, porosity, penetration, uniformity of welding, spatter, etc.

\* Contestants are responsible for their own safety equipment, including helmets and gloves, on the day of the contest.

\* **A team will consist of 4 participants, no alternates. Top three scores count as team score.**

**\* ALL WELDING PARTICIPANTS MUST BRING THE MEDICAL RELEASE FORM WITH THEM ON THE DAY OF THE CONTEST. IF THEY DO NOT HAVE THE MEDICAL RELEASE FORM THEY WILL NOT WELD.**

Student Manager:

Lexi Holcomb

Faculty Contact:

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**Assistant Professor of Agricultural Education**

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## WELDING EVENT

### PARENT CONSENT, MEDICAL RELEASE AND AGREEMENT TO ACCEPT FINANCIAL RESPONSIBILITY FORM

I grant permission for my son/daughter \_\_\_\_\_ (print name) to participate in the activity listed above. In doing so, I will release the school corporation, school personnel, University, host facility and staff, staff, and contest officials of all responsibility in the event of an injury or accident. It is agreed that the student will conduct himself/herself in a manner representative of the school and the State of Kentucky.

The undersigned, being parent or guardian of the above-named student and having legal custody and who resides with me/us, do give consent to any x-ray examination, anesthetic, medical or surgical diagnosis or treatment and hospital care, to be rendered to the minor under the general or special supervision and on the advice of any physician or surgeon licensed to practice in the United States of America and to consent to any x-ray examination, anesthetic, dental or surgical diagnosis or treatment and hospital care, to be rendered to the minor by any dentist licensed to practice in the United State of America.

I/We further agree that I/we will assume all expenses involved in such medical/dental procedures and will not hold Western Kentucky University, its personnel, or its representatives, liable for said expenses.

Date \_\_\_\_\_ Student Signature \_\_\_\_\_

Parent/Guardian \_\_\_\_\_

Parent/Guardian \_\_\_\_\_

Address \_\_\_\_\_

Phone (       ) \_\_\_\_\_

Please list any medical/dental conditions of which a medical doctor/dentist should be made aware \_\_\_\_\_

Please list any allergies of which a medical doctor/dentist should be aware \_\_\_\_\_

Family Physician: Name \_\_\_\_\_

Address \_\_\_\_\_

Phone (       ) \_\_\_\_\_

**PLEASE FEEL FREE TO DUPLICATE.**  
**BRING COMPLETED FORM TO CONTEST FOR EACH CONTESTANT.**  
**DO NOT MAIL!!!!**

## Dairy Judging

1. Three classes will be offered.
2. Classes will be comprised of dairy cattle. Maturity, type, and class will be determined the day of the contest.
  - a. Holstein
3. Performance data will be given if available.
  - a. The performance data sheets will be available to the contestants as they judge the performance classes.
4. Each contestant will be allowed a maximum of 15 minutes to place and take notes on each class.
5. Placing cards will be given to each contestant to record his/her placing of each class, including those for which reasons are required.
6. Cards that are left blank or marked with more than one placing will receive a zero score.
7. Ties (based on the three highest contestants' scores that went into making the tie) will be broken by questions scores. If the tie persists, it will be broken based on species placing starting with the first class judged.

Student Manager:

Mary Kerr

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**Shelby Felder, Dairy Manager**

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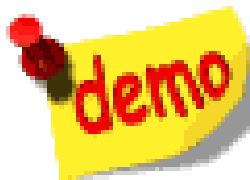
## Demonstrations

### **I. OBJECTIVE:**

1. Research various areas of agriculture to effectively develop an educational demonstration
2. Efficiently demonstrate knowledge in specific agriculture areas.
3. Teach agriculture skills step-by -step / how to process.
4. Build upon public speaking skills.

### **II. GENERAL EVENT OVERVIEWS:**

1. The demonstration will be presented by a maximum of two (2) students and include the areas of:  
Agriculture Mechanics  
Food Science  
Horticulture Science
2. Demonstrations shall not exceed 10 minutes. There will be a point deduction of 1 point for the first 30 seconds over the designated demonstration time and then 1 point for every 15 seconds thereafter. There will be 5 minutes at the conclusion of the demonstrations for judges to ask the students questions related to their demonstration topic.
3. The use of live animals is prohibited.
4. The use of weapons is prohibited. The list includes, but is not limited to guns, knives, bullets, bows, and arrows. Knives appropriate to the demonstration may be used. Example: grafting knives are acceptable, demonstration to sharpen a knife is inappropriate.
5. Each demonstrator will be responsible for providing his/her own materials and equipment to conduct the demonstration.
6. All demonstrations will be held in classrooms, concourses, or holding arena.
7. Agriscience and biotechnology are exciting continuously growing career options; therefore, more emphasis is being placed on these topics in the classroom. These topics fit within each individual demonstration area as there is not a designated biotechnology area.
9. Proper safety apparel is allowed during the demonstration.



## **A. Agriculture Mechanics:**

### **DESCRIPTION:**

Participants will demonstrate the correct procedures, safety, and mechanical or technology skills in agriculture including but not limited to small and large gas and diesel engine repair, power transfer systems including hydraulic and pneumatic systems, arc, shielded gas and gas welding, concrete, wood, metal, electricity and electronics, re-circulating aquaculture systems, hydroponics systems, precision farming equipment and global positioning systems equipment, agriculture related buildings and structures including greenhouses, agricultural industry communications and customer relations, safety and safety resources, and computer technology, welding, machinery maintenance, design and fabrication, agricultural equipment and technology systems.

### **Examples:**

- Alternate energy source engines
- Utilization of Geographic Information Systems
- Establishment of Hydroponics' System

## **B. Food Science Demonstration**

### **DESCRIPTION:**

Participants will demonstrate effective principles of food processing, food chemistry, nutrition, food packaging, food commodities, food regulations, and help students understand the role that food science plays in the securing of a safe, nutritious and adequate food supply. This area will primarily involve consumable food and its products.

### **Examples:**

- Yeast fermentation
- Molds
- Determine the calories in a food
- Helping a consumer determine the difference between a prime and choice steak
- Differences between Organic and Conventional foods
- Deboning a roast

- a. All materials should be provided by contestants, unless prior arrangements have been made with site coordinator.
- b. Refer to general demonstration guidelines for further information.

## **C. Horticulture Demonstration**

### **1. DESCRIPTION:**

Participants will demonstrate skills learned in their horticulture and landscape training including the biology and technology involved in the production, processing, and marketing of horticultural plants and products. Topics covered include reproduction and propagation of plants, plant growth, growth media, floriculture, management practices for field and greenhouse production, marketing concepts, production of herbaceous, woody, and nursery stock, fruit, nut, and vegetable production, and pest management. As well as the procedures used in the planning and design of a landscape using current technology practices, the principles and procedures involved with landscape construction, the determination of maintenance schedules, communications, and management skills necessary in landscaping operations, and the care and use of equipment utilized by landscapers.



Examples to include but not limited to:

- Plant growth hydroponics vs. conventional
- Build a terrarium
- Developing a compost pile
- Research and Development of new Turf Grass Hybrids
- Grafting, extracting DNA and/ or developing new hybrids of fruits and Vegetables

Student Manager:

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## Demonstration Rubric

Team Member(s) : \_\_\_\_\_ School: \_\_\_\_\_

Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

Standard	Accomplished (10-7 pts)	Proficient (6-4pts)	Basic (3-1 pts)	Unacceptable (0 pts)	Pts.
<b>Intro.</b>	Introduces themselves to the judges in a professional manner; thoroughly introduces demo, and gives background information to show importance of the demonstration to agricultural.	Introduces themselves to judges well but less impressive than needed; introduces the demo and gives little background info on the importance of the demonstration to ag.	Introduces themselves and the chapter they are from “so-so”. Fails to introduce the demo and does not give any info about the importance of the demo to ag industry.	Fails to introduce themselves, their chapter or the demo. Gives no evidence of understand the importance of the demo to ag industry.	
<b>Standard</b>	<b>Accomplished (10-7 pts)</b>	<b>Proficient (6-4pts)</b>	<b>Basic (3-1 pts)</b>	<b>Unacceptable (0 pts)</b>	
<b>Knowledge</b>	Demonstrates clear understanding of principle or concept involved; accurately relates concept to demonstration.	Exhibits only slightly limited understanding or principle demonstrated; minor inaccuracies in relating demonstration.	Exhibits somewhat limited knowledge demonstrated; minor inaccuracies in relating demonstration.	Lacks understanding of the principle or demonstrated; inaccurately relates principle or concept.	
<b>Standard</b>	<b>Accomplished (10-7 pts)</b>	<b>Proficient (6-4pts)</b>	<b>Basic (3-1 pts)</b>	<b>Unacceptable (0 pts)</b>	
<b>Suitability</b>	Demonstration employed is probably the best for demonstrating concept.	Demonstration adequate, but a better choice might have been made.	Poor connection between demonstration and concept or principle.	Little connection between demo and concept of principle.	
<b>Standard</b>	<b>Accomplished (10-7 pts)</b>	<b>Proficient (6-4pts)</b>	<b>Basic (3-1 pts)</b>	<b>Unacceptable (0 pts)</b>	
<b>Safety</b>	Safety goggles or protective screen used if appropriate; keeps hazards away from judges; if needed keeps first aid and other emergency equipment on hand; takes full advantage of facilities	Expresses some degree of regard for safety of self and judges, but fails to take adequate precautions to actually prevent possible <b>minor</b> harm to self or judges.	Expresses some degree of regard for safety of self and judges, but fails to take adequate precautions to actually prevent possible <b>major</b> harm to self or judges.	Shows positive disregard for judges or own safety; shows negligence; threatens own or judges’ safety.	
<b>Standard</b>	<b>Accomplished (10-7 pts)</b>	<b>Proficient (6-4pts)</b>	<b>Basic (3-1 pts)</b>	<b>Unacceptable (0 pts)</b>	
<b>Conclusion</b>	Thoroughly concludes the demonstration by summarizing key points in the demonstration. Ties everything together well to bring it all back to the importance of the demonstration to the agricultural industry.	Gives an acceptable conclusion by summarizing key points in the demonstration; students tie the demonstration to the agricultural industry.	Little conclusion evident. Students fail to properly summarize the key points in the demonstration and fail to tie the demo back to the agricultural industry.	No conclusion evident at the end of the demonstration. Demonstration abruptly stops.	
<b>Standard</b>	<b>Accomplished (10-7 pts)</b>	<b>Proficient (6-4pts)</b>	<b>Basic (3-1 pts)</b>	<b>Unacceptable (0 pts)</b>	
<b>Assessment</b>	Students thoroughly answer questions in a clear and concise method. Students are confident of the answers they give.	Students thoroughly answer questions; some hesitation is evident.	Students fail to answer most questions. Students appear unsure of answers.	Students make no attempt to answer questions.	
<b>Time Deductions</b>	Deduct 5 points if over the time limit. Deduct an additional 1 point off the total score for every 30 sec. over time limit.		<b>Point deduction for time -</b>	<b>Total Score =</b>	

## Floriculture

Floriculture WKU Field Day contest will consist of a 50 question multiple choice exam and a 50 plant identification exam.

The Floriculture Written Exam will consist of questions pertaining to floriculture in the areas of greenhouse production and floral design. The exam will consist of 50 questions and contestants will have 45 minutes to complete the exam.

Students need to bring a #2 pencil.

The Floriculture Plant Identification will consist of plants that would be used in greenhouse production and floral design. The specimens will be taken from the National FFA Floriculture plant list such as garden plants, annuals, cut flowers, and foliage plants. Contestants will have 30 seconds per plant to identify each.

\* Any students caught cheating or talking during the exams will be disqualified.

\* Students need to bring a #2 pencil.

Student Manager:

Emma Betz

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**Mr. Roger Dennis, M.S., AIFD, CFD, AAF, PFCI, KMF**

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Register online at: <http://www.wku.edu/agriculture/fieldday.php>

## Agricultural Mechanics

- The Ag. Mechanics contest will consist of several events:
  - A 25- 50 question multiple choice test
  - Hands-on events testing skill and problem solving.
  - Topics will include, but not be limited to, the following:
    - Electricity
    - Equipment (Parts, Function, I.D.)
    - Adjustment or I.D.
    - Structural
    - Components or Calculations
    - Surveying Techniques
- Students need to bring a #2 pencil and calculator
- Three members per team minimum
- One team per school

Student Manager:

Jolea Minix

Faculty Contact

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## Agronomy

- Team Make-up: Team size will be a minimum of 3 and a maximum of 4 members.
- Activities: An Agronomic knowledge examination will be administered to all registered participants. The examination will consist of 50 multiple choice questions and will consist of crop and soil based agronomic information and applications. Topics will include, but not limited to, the following:
  - Crops and Crop Production Practices
  - Integrated Pest Management (weeds, insects, pathogens)
  - Crop Seeds and Planting (seeding rates, row spacing, seed tags, planting dates)
  - Essential Plant Nutrients and Fertilizer Analysis
  - Tillage Practices
  - Plant Anatomy and Morphology
- Scoring and Awards: Awards will be granted for the top 3 individuals and the top 3 teams (chapters). The top 3 member scores of each 3+ member team will count toward the team total. Chapters with 1 or 2 participants may compete for individual honors but will not be considered for team honors.

Student Manager:

McKinlee Gardner

Faculty Contact:

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**Dr. Todd Willian, Ph.D**

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## Farm Management

- Team make-up- A team consists of three or four members.
- A team score consists of the total of the top three individuals' scores on the written exam plus the team activity score
- Students must bring a #2 pencil and a calculator.
- One team per school.
- The exam is worth 300 points.
- Part I consists of 30 multiple choice problems worth 150 points total.
- Part II consist of 30 short-answer problem solving question worth a total of 150 points.
- Tie Breakers:
  1. Total score on part II
  2. If needed, selected questions from Part II will be used.

**Do not write on the question sheets. Put all answers in the answer table. Turn in both the question sheets and answer table.**

Student Manager:

Mari Rodriguez

Faculty Contact:

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**Dr. Stephen King, Ph.D.**  
**Associate Professor of Agricultural Economics**  
**Office EST 240**

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**Dr. Dominique Gumirakiza, Ph.D.**

**Assistant Professor of Agricultural Economics**

## Soils Evaluation

- Each school can have one team with up to 4 participants.
- The top 3 scores for the team will be the overall team score. (If there are less than 3 people from a school then they can compete individually, but not as a team.)
- Each member of a team will be at a different site location than all other members of that team.
- Each student will receive his/her scorecards at each judging site.
- Students are only permitted to have a clean clipboard at contest sites and each participant needs to bring a pen/pencil with him/her that day.
- Cell phones should be silenced and kept out of view.

Student Manager:

McKinlee Gardner

Faculty Contact:

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**Dr. Becky Gilfillen, Ph.D**

**Professor of Agronomy (Soil Science)**

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## Equine Science

The field day Equine Contest will be comprised of three phases. Each member of the four person team will answer 30 questions regarding their knowledge of the principles of Animal Science as they relate to the horse and commonly used equipment in horse training and production operations. Team members will also evaluate four classes of horses: one halter class, one ranch riding class, one hunter under saddle class and one walking horse class. Lastly, team members will answer questions pertaining to the ranch riding class.

The scores of each team member will be combined to determine the team's overall score. Specific questions will be identified as tie-breaker questions prior to the start of the competition.

Each competitor should bring a #2 pencil (no ink pens), a notebook, clipboard or similar item to write on.

The high point team and individual awards will be presented.

The contest will be held at the Anderson Arena.

Scoring and Awards: Awards will be granted to the top 3 individuals and the top 3 teams.

- Students need to bring a pencil or pen.

Student Manager:

Kendall Berry



**Paige Smith**

**Equine Instructor**

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## Nursery/Landscape

For Horticulture, Landscape Section, there will be two exams. The first is a multiple choice exam and the second is landscape plant identification.

### Landscape Written Exam:

The Landscape written exam will test student's knowledge of principles of horticulture including proper plant selection, soil requirements, basic design principles, simple physiology (such as the basics of photosynthesis) and general plant culture. There will not be a drawing component for this exam so students will not need to bring T-squares, rulers, etc. The exam is 50 questions and they will have 45 minutes to take it. Students need to bring a #2 pencil.

### Landscape Identification Exam:

The Landscape identification exam consists of recognizing landscape plants hardy to our climate in south-central Kentucky. They will be collected locally so the plants' stage of growth (phenology) can be an important identification feature. Students will choose their answers from a bank of plant names so while memorization of scientific nomenclature is not required, the knowledge will greatly speed finding the correct answer. The bank of plant names will be in alphabetical order by genus then species then common name. Students will be stationed at large tables and will be asked to move to the next station every minute. Students ARE allowed to revisit plants but only after all the plants stations have been visited. Students need to bring a #2 pencil.

Student Manager:

Emma Betz

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**Dr. Martin Stone, Ph.D**

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Register online at: <http://www.wku.edu/agriculture/fieldday.php>

## Auctioneering

1. Auctioneering contestants must be amateurs. Professional or professionally-trained auctioneers are not eligible.
2. A chapter may enter only one (1) contestant.
3. Contestants will participate in this contest in the order in which their names appear on the registration sheet.
4. Each contestant will auction one item.
5. Contestants may be requested to perform as many times as necessary for the judges to make their decisions.

Student Manager:

Eliza Spinks

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**Dr. Thomas Kingery, Ed.D.**

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## Auctioneering

#: \_\_\_\_\_ Name: \_\_\_\_\_ School: \_\_\_\_\_

Mastery of # Brackets									
Clarity of Chant									
Body Language									
Speed of Chant									
Crowd Management									

Total \_\_\_\_\_

## Livestock Evaluation

1. Four to six classes total.
2. Classes **MAY** be comprised of a combination of the following:
  - a. Beef – May include market steers, prospect steers, heifers, or bulls.
  - b. Meat goats – May include 1 class of meat goats.
  - c. Swine – May include market hogs, breeding gilts, or prospect market hogs.
  - d. Sheep – May include market lambs, ewes, yearling ewes, or rams.
3. Performance data will be given if available.
  - a. The performance data sheets will be available to the contestants as they judge the performance classes.
4. Each contestant will be allowed a maximum of 15 minutes to place and take notes on each class.
5. Placing cards will be given to each contestant to record his/her placing of each class, including those for which reasons are required.
6. Cards that are left blank or marked with more than one placing will receive a zero score.
7. Ties (based on the three highest contestants' scores that went into making the tie) will be broken by questions scores. If the tie persists, it will be broken based on species placing starting with beef, swine, sheep and goats.

Student Manager:

Lance Willen

Faculty Contact:



**Warren Beeler**

**Animal Science Instructor**

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## Agriscience Fair

This contest provides students with the opportunity to apply scientific principles and emerging technology to the agricultural industry, while allowing them explore their own interests. The fair will consist of six categories: Animal Systems, Environmental Services/Natural Resource Systems, Food Products and Processing Systems, Plant Systems, Power, Structural and Technical Systems, and Social Systems. These projects need to include all standard parts of the Agriscience Project according to National FFA rules. Each student will explain their findings to a judge or judges. Experiments must be completed before arrival to the fair.

The Agriscience fair will consist of two divisions: Division I is open to **individuals/teams** in grades **9 and 10**. Division II is open to **individuals/two-member teams** in grades **11 and 12**.

### Number of Contestants

Multiple individuals/teams per school in each division.

### Awards

Awards will be given to the top three contestants/teams per division

### Resources

For more information and rules, please go to [www.ffa.org/documents/agsci\\_handbook.pdf](http://www.ffa.org/documents/agsci_handbook.pdf).

### Grading Rubric

The National FFA guidelines and rubric will be used to grade the Agriscience Fair Projects. (To access this rubric please follow this link:

<https://www.ffa.org/SiteCollectionDocuments/ASF%20Orientation%20Packet.pdf>

Student Manager:

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## **Job Interview**

- Please prepare a cover letter addressing the employer of your experiences, employability skills, and interest in the position.
- Also, prepare a resume reflecting your skills and abilities for that position.
- All information on the application, listed in your resume, communicated during the interview, etc. is to be accurate and reflect your skills.
- Please approach the contest as if the openings appeared in your local newspaper.

## **Job Interview Rules**

1. The Job Interview CDE will be limited to one student per chapter. Official Dress is encouraged.
2. All written materials (resume, cover letter, application, etc.) must be the result of the student's own work. Plagiarism will be grounds for disqualification.
3. The CDE will include two sections:
  - a. Resume and cover letter-300 points.
  - b. Personal interview- 500 points
4. The resume and cover letter must be brought to the contest. It should be formatted for 8 ½ x 11 inch paper.
  - a. The resume and cover letter must be non-fictitious and based on the student's actual work experience. The resume and cover letter should be targeted toward an entry-level job for which the student would currently be qualified.
  - b. The cover letter (100 points) must be typed, one page, single-spaced, left justified using Times, Times New Roman or 12-point minimum font.
    - i. The letter should be dated and addressed to:  
WKU Job Interview  
1906 College Heights Blvd.  
Bowling Green, KY 42101
  - c. The resume (200 points) is to be single sided, typed using Times, Times New Roman 12-point minimum font. The resume should not exceed two pages total.
5. Personal Interview- 500 points
  - a. Judge/judges will conduct a personal interview for the position.
  - b. Interviews will be limited to 10 minutes.
6. Official Dress is encouraged for this contest.

**Cover Letter- 100 Points**

	<b>Points Possible</b>	<b>Points Received</b>
<b>Format</b>	30	
<b>Grammar/Punctuation/Spelling</b>	20	
<b>Content</b>	40	
<b>General Appearance</b>	10	
<b>Subtotal</b>	100	
<b>Deduction</b>	-10	
<b>Total</b>	100	

**Resume- 200 Points**

	<b>Points Possible</b>	<b>Points Received</b>
<b>Format</b>	5	
<b>Content</b>	75	
<b>Grammar/Punctuation/Spelling</b>	5	
<b>General Appearance</b>	15	
<b>Subtotal</b>	100	
<b>Deduction</b>	-10	
<b>Total</b>	100	
<b>X2</b>	200	

**Personal Interview**

	<b>Points Possible</b>	<b>Points Awarded</b>
<b>Appearance</b>	10	
<b>First Impression</b>	15	
<b>Response to Questions</b>	30	
<b>Communication Skills</b>	30	
<b>Conclusion</b>	15	
<b>Total</b>	100	
<b>X5</b>	500	

Student Manager:

Kendall Berry

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## **FFA Community Connections**

**Description:** Participants will present a 4–5-minute presentation proposing a new or current activity for the FFA Chapter to connect with local communities. Participants will then answer questions regarding their proposals. Proposals can either be hypothetical ideas or real-life activities that have taken place. Participants can deliver their presentation through newspapers, presentation boards, posters, or any other wireless means of display.

**Participants:** The proposal can be presented by a single student or a team of no more than two students per FFA chapter between the grades of 7-12. Official Dress is encouraged.

**Objective:** Students will present a proposal that improves the connection of their FFA chapters with their communities. Students will explain the specifics of the event in a logical sequential presentation that follows a developmental pattern from start to finish.

**Example:** Hosting a farm to table dinner and presenting a menu and newspaper articles from the event. Storyboards or picture boards supporting the event are encouraged. It could be a community BBQ, a workshop, or event that connects the FFA chapter to the community.

**Scoring:** The scoring will be out of 30 points (rubric below). There will be a 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> place team winner.

Student Manager:

Andrea Miller

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# FFA Community Connections Rubric

Criteria	5 Points	3 Points	2 Points
<b>Topic or Idea</b>	Clearly demonstrates how the chosen topic or idea will promote unity in the local community.	Provides some explanation on how the chosen topic or idea will promote unity in the local community.	Fails to explain how the chosen topic or idea will promote unity in the local community.
<b>Creativity</b>	Provides compelling evidence showing the thought process of the original idea.	Provides some evidence of thoughtful creativity. Original idea.	Lacks clear creativity and is unoriginal.
<b>Organization and Clarity</b>	Ideas are well-organized and presented in a clear and logical manner.	Ideas are organized and presented with some clarity.	Ideas are disorganized and lack clarity.
<b>Persuasive Techniques</b>	Effectively utilizes persuasive techniques to convince the judge of the chosen topic or idea's potential impact on unity in the local community.	Attempts to use persuasive techniques, but with limited effectiveness in convincing the judge of the chosen topic or idea's potential impact on unity in the local community.	Lacks persuasive techniques to convince the judge of the chosen topic or idea's potential impact on unity in the local community.
<b>Presentation Skills</b>	Demonstrates excellent presentation skills, including confident delivery, engaging visuals, appropriate use of language, and stays within time limit.	Shows some level of presentation skills, but with room for improvement in delivery, visuals, or use of language. Goes over or under time limit by 30 seconds.	Lacks effective presentation skills, with significant weaknesses in delivery, visuals, or use of language. Goes over or under time limit by 1 minute or more.
<b>Questions</b>	Answers the questions accurately, timely, and with thoughtful consideration.	Answers the questions with accuracy and puts some thought into it.	Fails to answer the questions accurately or untimely with little to no thought.

## Meat Science Evaluation

- Team make-up- A team consists of four members.
- One team per school.
- The Meat Judging contest will consist of several events:
  - A 20-question multiple choice test. Topics will include, but not limited to, the following:
    - Wholesale cuts of beef, pork, and lamb
    - Butcher tools identification
    - Beef yield grade and quality grade.
    - Dressing percentage calculation
  - Retail cut identification for beef and pork
  - Placing classes of hog, beef, and lamb carcasses
  - Calculation for dressing percentage and carcass price
- Students need to bring a #2 pencil and calculator.

Student Manager:

Amelia Tucker

Faculty Contact



**Dr. Luiz Silva, Ph.D**

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