



Oklahoma Panhandle State University

Interscholastic- November 8th, 2022



Oklahoma Panhandle State University 2022 Interscholastic Competition

Official Contest Manual

Updated: 10/10/22

November 8, 2022

Hosted By:

OPSU College of Agriculture, Science and Nursing

OPSU Collegiate FFA

Oklahoma Panhandle State University

P.O. Box 430
Goodwell, OK 73939

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www.opsu.edu





Welcome

Welcome to OPSU Interscholastic 2022! My name is Tracy Kincannon and I am taking over the organization of these contests this year. I am honored to be given this opportunity and hope that the contests will live up to the reputation that has been established. All of us within the College of Agriculture, Science and Nursing, OPSU Collegiate FFA, and Oklahoma Panhandle State University look forward to having you and your students on our campus November 8, 2022 for this exciting event. In this manual, you will find information pertaining to 11 Public Speaking Events and 14 CDE competitions. If you have questions regarding contest entries, rules, or schedules of events, please feel free to contact myself, Mrs. Kacey Ward, or any of the superintendents listed in the manual. Registration will be handled through www.judgingcard.com again this year. Each event will have a registration fee associated with it. As of now, COVID protocols are that masks are welcome but not required. We are leaving mask guidelines up to each school/individual to do what they feel is best for themselves. We appreciate your patience and dedication to our contests and thank you for your willingness to handle change and still attend. Again, we look forward to having you on our campus and hope that you and your students enjoy your visit.

Sincerely,

Tracy Kincannon
Agricultural Education Instructor

Contact Information:

Tracy Kincannon - tracy.kincannon@opsu.edu - 580-349-1534



General Information

ENTRIES

Entry information will be handled online via JudgingCard.com

Entry Registration opens September 15th, 2022 and closes October 24th, 2022. Cost will be \$10/student (Late Registration is \$15/Student) for Meats Evaluation, Livestock Judging, and Ag Mechanics. Shooting Sports will be \$20/ Student. All other contests will be \$5/student (late registration will be \$10/student). Late registration will close October 31st, 2022.

If you have never used the website for registration before, that is not a problem. An account can easily be made if needed. Also, 4-H groups should be able to get their account information from their county offices.

CONTESTANTS

This contest is open to FFA members and 4-H members alike. We welcome students from Oklahoma and any surrounding states! Do be aware of the rules and potential differences that might associate with coming to a different state for these contests, as we abide by the guidelines and rules set forth by the Oklahoma FFA CDE Committee. Those rules can be found on the following pages.

INDIVIDUAL CONTEST DISCLAIMER

Please be aware that rules and information set forth in this handbook are subject to change. Depending on contest superintendent and the situation at hand, certain aspects of the contest may have to be adjusted based on their discretion. This includes, but is not limited to, number of classes, sets of reasons, practicum changes, identification changes, etc. We will do our absolute best to present a contest in exact specification to the information laid out in this handbook, but reserve the right to make changes as they might be needed.



DAY OF CONTEST

CONTEST CHECK-IN

All check-in will be done in front of the Noble Center.

Only changes or corrections to events already registered for will be allowed, no additional individuals may be registered on the day of the contest.

7:15 – 8:30 am – Check-in for all contests, excluding speaking events

2:00 – 3:30 pm – Check-in for all speaking events

AWARDS CEREMONY

At the conclusion of the day's events.

COVID-19 PRECAUTIONS

Our University has taken the stance of “Masks are welcome but not required.” We encourage every school and contestant to do what they feel most comfortable with. We understand that you all have to follow your own schools guidelines. If you have any question or concerns related to the COVID guidelines, please do not hesitate to reach out.

We do ask that if you are feeling sick, have been exposed to someone with COVID-19, or have any other concerns about yours or others' health please do not come to campus that day. We apologize for any inconvenience, but we are going to do our absolute best to ensure this is a safe contest while also providing a great experience for all those involved.



General Rules

Adapted from: <http://cde.okstate.edu/guidelines/pdf-guidelines/2019/2019%20CDE%20General%20Guidelines.pdf>

1. CDE participants must be in good standing with the local chapter, state association, and the national organization. Each participant must be listed on the current FFA chapter membership roster.
2. Scan forms will be used for several, but not all, of the contests. Samples of the corresponding scan forms can be found at <http://cde.okstate.edu/guidelines>. Students are responsible for providing adequate scoring information on each scan form including the FFA chapter's number. Event officials will not correct, enter or change marks or errors on scan forms.
3. **Teams or individuals arriving after a contest has started will be disqualified and will NOT be allowed to participate.**
4. A contest team and/or individual will be disqualified if a coach or an assistant interferes in a tabulating room before the official results are posted.
5. Participants will not be allowed to utilize personal electronic communication devices, unless approved by the event officials, during the entire course of the event. Participants who access personal electronic communication devices or are seen or heard with such devices will be disqualified.
6. Any communication, verbal or non-verbal between participants during a career development event will be sufficient cause to eliminate the team member involved from the career development event. The only exception to this would be communication between team members during a team activity portion of a given career development event.
7. Any assistance given to a team member and/or individual participant from any source other than the career development event officials or assistants will be sufficient cause to eliminate the team and/or individual participant from the career development event.
8. Event superintendents may stop any participant if they deem their manner to be hazardous either to themselves or others. Such stoppage may deem the individuals disqualified. This can affect the overall team rank and position. In some events this could impact the entire team.
9. Announced changes to any contest by contest officials at the time of competition may supersede previously written rules and guidelines.
10. Results to each contest will be made official on Tuesday, November 8th, 2022.
11. Rules and guidelines specific to each contest can be found in the following pages. Additional information, if not provided can be found at <http://cde.okstate.edu/guidelines>
12. Contestants for each event will be dismissed from the front patio of SAB by Mr. Tracy Kincannon.



Schedule of Events (excluding Public Speaking)

Event	Time	Location
Agricultural Shop	9:00-12:00 a.m.	Metal Shop Building, will be dismissed from SAB
Farm Business Management	2:00- 3:00 p.m.	SAB 106
Floriculture	9:00- 11:00 a.m.	SAB 103/107
Land Judging	9:00-11:00 a.m.	OPSU Farm
Livestock Judging	8:30 a.m.-1:00 p.m.	England Arena, OPSU Farm,
Meats Judging	9:00 a.m.-1:00 p.m.	SAB 101
*Rangeland Judging (At conclusion of Land Judging)	10:00-11:00 a.m.	OPSU Farm
Electricity	12:00-1:00 p.m.	SAB 101
Entomology	1:00-2:00 p.m.	SAB 213
Job Interview	9:00 a.m.- 4:00 p.m.	SAB 204, 206, 207
Food Science	9:00 a.m.-12:00 p.m.	SAB 110
*Crop Identification (At conclusion of Rangeland)	11:00 am	SAB 109
Ag I Quiz Bowl	1:30-4:00 p.m.	SAB 103/104
Agricultural Communications	9:00 a.m. – 12:00 p.m.	SAB 211/204/207
Coaches/Judges Hospitality Room	8:00 a.m.	SAB 202

SAB: Science & Agriculture Building



Public Speaking Schedule of Events

Event	Time	Location
Judges Meeting	4:45 p.m.	SAB 101
Public Speaking Events	5:00 p.m.	
1. <i>Agribusiness</i>		SAB 210
2. <i>Agriculture Policy</i>		SAB 210
3. <i>Agri-Science</i>		SAB 210
4. <i>Animal Science</i>		SAB 109
5. Extemporaneous		SAB 205, 206 & 207
6. FFA Creed		HMH 204/205
7. <i>Natural Resources</i>		SAB 109
8. <i>Plant Science</i>		SAB 109
9. 8 th Grade Exploration		SAB 106
10. 9 th Grade FFA Opportunities		SAB 106
11. 8-9-10 th Grade General Agriculture		SAB 106
• Speech Off (At conclusion of 1, 2, 3, 4, 7 & 8)		SAB 101
• Public Speaking Awards (After Speech Off)		SAB 101
Coaches/Judges Hospitality Room	Start 8:00 a.m.	SAB 202

SAB: Science & Agriculture Building

HMH: Hamilton Hall



Public Speaking

Superintendent: Tracy Kincannon
Katie Ashton

Date: Tuesday, November 8, 2022

Location: OPSU Science and Agriculture Building

Email: tracy.kincannon@opsu.edu
katie.ashton@guymontigers.com

Time: 5:00 – 9:00 p.m.

Room: SAB 101

Teams/Individuals: Individual contest. Multiple contestants may be entered into the separate categories by each school. Official FFA dress is required!

**Contest Specifics,
Rules, &
Guidelines:**

1. The Public Speaking Events will be conducted in the areas listed:

a. **Prepared – Winners in the six divisions will compete to determine overall winner**

i. General Rules

1. Students are allowed to enter multiple divisions if they have an entirely different speech for each.
2. All subject matter should have ties to the agriculture industry. It is desired, but not required, to tie “FFA” into part of your speech. Career opportunities should be considered. Historical aspects should be avoided.
3. Each speech should be between 6 and 8 minutes. Participants will be penalized for going under or over.
4. Judges will be allowed five minutes to ask questions pertaining to the contestant’s speech topic.

ii. Divisions

1. Agri-business

- a. Contestant chooses any current or future subject that deals with topics such as cooperatives, sales, service, journalism, communications, entrepreneurship, marketing, finance, commodities, futures, hedging, advertising, etc.

2. Agriculture Policy

- a. Contestant chooses any current or future subject that deals with topics such domestic farm issues, international trade, rural economic development, politics, animal rights, law, subsidies and price supports, U.S. Farm Bill, etc.

3. Agri-science

- a. Contestant chooses any current or future subject that deals with topics such as biotechnology, biogenetics, bioengineering, mechanical engineering, farm safety, use of technology, GPS research, laser, satellites, computers, embryo transfer, etc.

4. Animal Science



- a. Contestant chooses any current or future subject that deals with any aspect of the industries of dairy, equine, poultry, sheep, swine, beef, goats, specialty animals, etc.
5. Natural Resources
 - a. Contestant chooses any current or future subject that deals with the topics such as soil, water, air, rural water, wildlife, forestry, aquaculture, conservation, recreation, recycling, energy, environmental issues, etc.
6. Plant Science
 - a. Contestant chooses any current or future subject that deals with any aspect of the horticulture and/or agronomy industries. This may include such areas as floriculture, fruit and/or vegetable production, nursery operations, turf and landscape management, crop production, specialty crop production, etc.
- b. Extemporaneous**
 - i. Participants will select three potential topics from a random pool and select the one they would like to speak on.
 - ii. Topics will include subjects in the following categories:
 1. Agricultural literacy and advocacy
 2. Current agriculture issues
 3. Advancing agriculture through agriculture science
 4. Current technology uses and applications in agriculture
 5. Agri-marketing and international agriculture
 6. Food and fiber systems
 - iii. Participants will be given 30 minutes of preparation, starting when they select their topic.
 - iv. Each speech should be between 4 and 6 minutes. Participants will be penalized for going over or under.
 - v. Judges will be allowed five minutes to ask questions pertaining to the contestant's speech topic.
- c. FFA Creed**
 - i. Division is for freshman/first year members only. Sophomores who are first year members are not eligible.
 - ii. Participants will recite the creed from memory and begin the presentation by stating, "The FFA Creed by E.M. Tiffany" and then the presentation with "...that inspiring task. Thank you."
 - iii. Judges will be allowed three minutes to ask questions pertaining to the FFA Creed.
- d. 8th Grade Agriculture Exploration**
 - i. Division is for 8th grade members only.



- ii. Contestant chooses and current or future subject that deals with the industry of agriculture as a whole, or any segment of the agricultural industry.
 - iii. Each speech should be between 4 to 6 minutes. Participants will be penalized for going over or under.
 - iv. Judges will be allowed five minutes to ask questions pertaining to the contestant's speech topic.
- e. **9th Grade FFA Opportunities**
- i. Division is for 9th grade members only.
 - ii. Contestant chooses and current or future subject that deals with the role of agricultural education and the FFA in the education and motivation of its members. Topics may deal with leadership training and opportunities, personal development and growth, goal setting and teamwork, chapter and community activities, competitive events, FFA opportunities, etc.
 - iii. Each speech should be between 4 to 6 minutes. Participants will be penalized for going over or under.
 - iv. Judges will be allowed five minutes to ask questions pertaining to the contestant's speech topic.
- f. **8-9-10th Grade General Agriculture**
- i. Division is for 8th, 9th or 10th grade members only.
 - ii. Contestant chooses and current or future subject that deals with any aspect of the agricultural industry, such as animal science, plant science, agribusiness, agricultural policy, Agri-science or natural resources.
 - iii. Each speech should be between 6 to 8 minutes. Participants will be penalized for going over or under.
 - iv. Judges will be allowed five minutes to ask questions pertaining to the contestant's speech topic.

Awards:

Overall speech off winner \$1000 OPSU tuition waiver

Speech off runner-up \$500 OPSU tuition waiver



Agricultural Communication

Superintendent: Tracy Kincannon
Kylie Edwards

Date: Tuesday, November 8, 2022

Location: OPSU Science and Agriculture Building

Email: tracy.kincannon@opsu.edu
kedwards@hookerpublicschools.net

Time: 9:30 am – Noon

Room: SAB 211, 204, 207

Teams/Individuals: **One team composed of three members may be entered per school. Official FFA Dress is required!**

**Contest Specifics,
Rules, & Guidelines:**

1. This contest will consist of (a.) an editing exercise, (b.) communications quiz, (c.) communications component I: Photography, (d.) communications component II: Graphics, (e.) news release writing critique.
 - a. Editing Exercise – Each participant will complete an editing exercise. They will be given a printed document that contains 25 identified sections. They must determine whether the section is correct or incorrect. If incorrect, participants are required to correct mistakes using appropriate proofreader's marks. (See <http://aged.okstate.edu/cde/ffa1.htm>) Style, grammar, punctuation, and spelling mistakes will be included. Participants will NOT be able to use a style manual or dictionary during this exercise. This portion is worth 50 points.
 - b. Communications Quiz – Each participant will complete a 25 – question quiz that covers basic elements important to journalistic writing, broadcasting, public relations, graphic design, and ethics of communication. This portion is worth 50 points.
 - c. Communications Component I: Photography – Each participant will be given 10 minutes to rank four photos based on the photographers' implementation of appropriate photography techniques and principles (use of light, focus, composition, angle, news, value, etc.). After ranking the photos, each participant will be given 15 minutes to type reasons for ranking using Microsoft Word. Participants will be scored on the content of their reasons and on their ability to communicate their thoughts in writing. The reasons may be no more than one typed page (double- spaced, 12-point Times New Roman text, 1-inch margins.) This portion is worth 100 points.
 - d. Communications Component II: Graphics – Each participant will be given 10 minutes to rank four graphic design samples based on the designers' implementation of design principles (focus point, flow consistency, balance, and appropriateness).



After ranking the samples, 15 minutes will be given to type reasons. Participants will be scored on their ability to communicate their thoughts through writing and the content of their reasons. The reasons may be no more than one typed page (double- spaced, 12-point Times New Roman text, 1-inch margins.) This portion is worth 100 points.

- e. New Release Writing Critique – Each participant will read and evaluate a news release and write a critique of the release based on news writing principles. Participants will be scored on the content of their critiques and on their ability to communicate their thoughts through writing. The critique may be no more than one typed page (double- spaced, 12-point Times New Roman text, 1-inch margins.) This portion is worth 50 points.

A well-prepared news release should be written as if it were to be distributed by a company or an organization to a general (non-agricultural) audience. It should have a strong focus and lead (opening paragraph). The story should provide answers to who, what, when, where, how and why. In addition, stories should use appropriate grammar, punctuation, spelling, and Associated Press style.

3. There are 350 points possible for each individual. In the event of a tie, teams and individuals will then be settled by the Communications Quiz Score, the Editing Exercise Score, and finally the News Release Critique Score.

4. References include: Associated Press Style Manual (available online and from most major or campus bookstores); Agricultural Communications CDE Guidebook (a download from National FFA CDE Web site); Writing for Agriculture (2nd edition) ISBN# 0-7872-7813-0

Awards:

overall high point individual \$1000 OPSU tuition waiver
2nd high point individual \$500 OPSU tuition waiver



Agricultural Shop

Superintendent: Brandon Robinson
Chris Kellin

Email: brarob@opsu.edu
ckelln@shattuck.k12.ok.us

Date: Tuesday, November 8, 2022

Time: 9:00 a.m.-12:00 p.m.

Location: OPSU Metal Shop Building

Room: Metal Shop 105

Teams/Individuals: One team composed of three members may be entered per school.

Registration: Team entries will be accepted on a first come first serve basis and will be limited to the first 15 teams. There will be no individual entries accepted. **Get your entries in early.**

**Contest Specifics,
Rules, & Guidelines:**

1. This contest will consist of the following:
 - a. Arc Welding - Each contestant will be given three pieces of material to be used in the making of butt weld in flat position and butt weld in the vertical position. **Weld ONE side only.** You may tack your material for the vertical weld in the Flat position.
 - b. Oxy-acetylene Cutting - Each contestant will be given one piece of metal 4" x 6" with instructions.
 - c. Tool Identification – Each contestant will be required to give proper names of the tools on display.
 - d. Written Exam – Each contestant will take the written exam. The examination consists of 40 multiple choice questions pertaining to arc, and oxyacetylene welding.

2. Arc welding helmets will be provided, or students can bring their own. **Contestants will provide their own industrial quality eye protection with clear lens, gas-welding goggles, gloves, and any additional personal protection equipment that is appropriate for the activity.**

Awards: Plaque to the top team, 2nd and 3rd place team award, overall high point individual \$1000 OPSU tuition waiver, 2nd high point individual \$500 OPSU tuition waiver



Crop Identification

Superintendent: Dr. Curtis Bensch

Email: cbensch@opsu.edu

Date: Tuesday, November 8, 2022

Time: *At conclusion of Range contest or 11:00 am.

Location: OPSU Science & Agriculture Building

Room: SAB 109

Teams/Individuals: Multiple teams composed of three or four members may be entered by each school. If four members are entered, the three top scores will be used for the team score. Individual entries are also allowed.

Contest Specifics, Rules, & Guidelines:

1. ***This contest will begin at 11:00 a.m., or at the conclusion of the Land and Range competitions.**
2. The crop contest will consist of identification of 80 plant and seed samples. Each sample will be given a value of 5 points for a total of 400 points possible. The contestant will identify the samples by number from a master list of names of all of the plant materials on the official identification list. The official list is included on the following pages. Contest samples will be either seeds or plants. Plants will generally be shown in the reproductive stage (flower bud through seed maturity). Seeds will be displayed in open pans.
3. **Appendix included.**

Awards: Plaque to the top team, 2nd and 3rd place team award, overall high point individual \$1000 OPSU tuition waiver, 2nd high point individual \$500 OPSU tuition waiver

* If your team is not participating in the Land or Range contests, please have your students at SAB early.



Electricity

Superintendent: Brandon Robinson
Michael Wetherell

Email: brarob@opsu.edu
mwetherell@laverne.k12.ok.us

Date Tuesday, November 8, 2022

Time: 12:00 p.m.

Location: OPSU Science & Agriculture Building

Room: SAB 101

Teams/Individuals: Multiple teams composed of three or four members may be entered by each school. If four members are entered, the three top scores will be used for the team score. Individual entries are also allowed.

**Contest Specifics,
Rules & Guidelines:**

1. Contest will consist of a written exam and identification.
 - a. Written exam
 - i. Multiple choice, matching and true/false questions
 - ii. Questions will be developed from the following areas:
 1. National Electric Code
 2. Planning an electrical circuit
 3. Selecting type and size of conductor
 4. Calculating voltage drop
 5. Determining electrical power requirements
 6. Identifying the function of over-current and ground-fault protection
 7. Applying Ohm's Law and other application laws
 - b. Identification
 - i. Identification section of 20 tools, supplies, and other equipment associated with electrical wiring
 - ii. Examples include: switch boxes, electrical wires, tools, etc.

Awards: Plaque to the top team, 2nd and 3rd place team award, overall high point individual \$1000 OPSU tuition waiver, 2nd high point individual \$500 OPSU tuition waiver



Entomology

Superintendent: Dr. Justin Collins

Email: jkcollins@opsu.edu

Date: Tuesday, November 8, 2022

Time: 1:00-2:00 p.m.

Location: OPSU Science & Agriculture Building

Room: SAB 213

Teams/Individuals: Multiple teams composed of three or four members may be entered by each school. If four members are entered, the three top scores will be used for the team score. Individual entries are also allowed.

**Contest Specifics,
Rules &
Guidelines:**

1. The Entomology contest will consist of spot identification of insects or other arthropods using a provided list of species. Contestants will be expected to know the insects, their scientific order or family names, their food, and their ordinal characteristics as given on the list.
2. Resource material for this contest can be found at:
<http://entopl.okstate.edu/4H-FFA/contest-guide.pdf>

Awards: Plaque to the top team, 2nd and 3rd place team award, overall high point individual \$1000 OPSU tuition waiver, 2nd high point individual \$500 OPSU tuition waiver



Farm Business Management

Superintendent: Dr. Abbas Aboohamidi

Email: abbas.aboohamidid@opsu.edu

Date: Tuesday, November 8, 2022

Time: 2:00-3:00 p.m.

Location: OPSU Science & Agriculture Building

Room: SAB 106

Teams/Individuals:

Multiple teams composed of three or four members may be entered by each school. If four members are entered, the three top scores will be used for the team score. Individual entries are also allowed.

**Contest Specifics,
Rules & Guidelines:**

1. Objective test over the recommended curriculum (60 questions, worth 5 points each for a total of 300 points). Grading the objective test will score the contest. If a tie occurs, a set of pre-selected objective test questions will be sequentially used to break the tie.
2. **Contestants will be allowed to have a personal, battery-operated calculator with them during the contest.** Additional notes, books, or paper will not be allowed in the contest room.

Awards:

Plaque to the top team, 2nd and 3rd place team award, overall high point individual \$1000 OPSU tuition waiver, 2nd high point individual \$500 OPSU tuition waiver



Floriculture

Superintendent: Cassidy Johnson
Sandi Kolbe

Email: Cassidy.tole@opsu.edu
kolbe_s@laverne.k12.ok.us

Date: Tuesday, November 8, 2022

Time: 9:00-11:00 a.m.

Location: Science and Agriculture Building

Room: 106

Teams/Individuals: Multiple teams composed of three or four members may be entered by each school. If four members are entered, the three top scores will be used for the team score. Individual entries are also allowed.

**Contest Specifics,
Rules & Guidelines:** 1. The Floriculture contest will consist of a written exam and identification of plant materials.

Awards: Plaque to the top team, 2nd and 3rd place team award, overall high point individual \$1000 OPSU tuition waiver, 2nd high point individual \$500 OPSU tuition waiver



Greenhand Quiz Bowl

Superintendent: Tracy Kincannon
Ashley Harrison

Date: Tuesday, November 8, 2022

Location: OPSU Science & Agriculture Building

Email:

tracy.kincannon@opsu.edu

aharrison@beaver.k12.ok.us

Time: 1:30-4:00 p.m.

Room: SAB 103 & 104

Teams/Individuals:

One team composed of four 9th grade members may be entered per school. Official FFA dress is required!

**Contest Specifics,
Rules & Guidelines:**

1. Questions will be derived from FFA history and Greenhand quiz
2. Each game will be played in four periods. There will be two Toss-Up (Individual) Rounds and two Lightning (Team) Rounds. The team with the highest score at the end of Period One will be given the option of doing the Lightning round in Period Two or Period Four.
3. In case of a tie score at the end of the game, each pair of players will be asked one question in a Toss-Up round. In the Lightning Round, the first answer given is counted right or wrong and cannot be repeated. A question may be passed and then repeated.
4. A single elimination format will be used.

Awards:

Plaques to the top team 2nd and 3rd team award, and hats to the three high individuals.



Employment Skills

Superintendent: Karen Goosen

Email: karen.goosen@opsu.edu

Date: Tuesday, November 8, 2022

Time: 9:00 a.m.- 4:00 p.m.

Location: OPSU Science & Agriculture Building

Room: Second floor SAB

Teams/Individuals: This competition is individual based. Schools may enter multiple contestants. Official FFA dress is required!

**Contest Specifics,
Rules &
Guidelines:**

1. In the job interview CDE, students are required to submit **five collated copies** consisting of a cover letter, resume, and reference letters. **These items must be received by 4:30 P.M. the Friday, November 1st, 2019. No faxes will be accepted.**
2. On the day of the competition students will be required to complete a standard job application, two or three 15 minute personal interviews, and complete a follow up letter.

Awards: overall high point individual \$1000 OPSU tuition waiver, 2nd high point individual \$500 OPSU tuition waiver



Land Judging

Superintendent: Dr. Curtis Bensch

Email: cbensch@opsu.edu

Date: Tuesday, November 8, 2022

Time: 9:00-11:00 a.m.

Location: OPSU School Farm

Room: Teams will meet on campus

Teams/Individuals: Multiple team(s) composed of three or four members may be entered by each school. If four members are entered, the three top scores will be used for the team score. Individual entries are also allowed.

**Contest Specifics,
Rules &
Guidelines:**

1. The Land Judging contest will be conducted first, and the Rangeland judging will be conducted upon completion of the land judging. **The same or separate teams from a particular chapter could compete in both the Land and the Rangeland Judging contests.**
2. The Land Judging contest will consist of four (4) sites where the soil characteristics will be judged and correct treatments or limitations identified. The "Land Judging in Oklahoma" manual will be the authority for the rules. It is available online at www.landjudging.com.

Awards: Plaque to the top team, 2nd and 3rd place team award, overall high point individual \$1000 OPSU tuition waiver, 2nd high point individual \$500 OPSU tuition waiver



Livestock

Superintendent: Dr. Crystal Tolle
Clay Hamil

Email: crystal.tolle@opsu.edu
chamil@arnett.k12.ok.us

Date: Tuesday, November 8, 2022

Time: 8:30 a.m.-1:00p.m.

Location: OPSU School Farm

Room: Milton England Center

Teams/Individuals: The two grade divisions are junior or 10th and under and Senior or 11 and 12th grades. Students may move up into an older division if needed but may not move down.

**Contest Specifics,
Rules &
Guidelines:**

1. Absolutely no individuals or partial teams will be allowed to compete.
2. One team per grade division may be entered by each school. The three high scores will be considered the official contestants. Ties will be broken by alternate's score and if still tied, by team reasons.
3. No one will be allowed in the arena during the contest other than contest officials, judges, and contestants. Coaches are not allowed on the arena floor. Classes will remain in the arena one half hour after completion of the contest for coaches/advisors to view.
4. No one except contest personnel will be allowed in the tabulation room. Any school or coach entering the tabulation room will be automatically disqualified.
5. No contestant shall be permitted at the OPSU livestock barns or the Animal Science arena to inspect the animals to be used in this contest 48 hours prior to the judging, and any violation of this rule will be sufficient to bar such student from the contest.
6. Instructions will be given at approximately 9:00 a.m. and the contest will start shortly thereafter.
7. While the contest is in progress, there shall be no conferring between contestants. A warning will be given after the first violation and any further violation will warrant disqualification. Furthermore, contestants are not permitted to carry cell phones or any electronic devices during the contest. Contestants that violate this rule will be disqualified.
8. Event Format
 - a. Livestock Classes



- i. Five to eight classes of livestock of four animals each will be placed.
 - ii. Classes will be selected from cattle, sheep, goat and swine. The classes may be breeding or market.
 - iii. At least one class will include performance records and a production scenario.
 - iv. The classes may be loose or shown by holders.
 - v. 50 points per class
 - b. Questions
 - i. Two sets of questions will be designated by the Superintendent for Senior Contestants and one for juniors at the beginning of the contest.
 - ii. Reasons will be given after all classes have been placed.
 - iii. Using notes while giving oral reasons is not illegal but it is highly discouraged. If used, major deductions will be given by the reasons' officials.
 - c. Keep/Cull
 - i. This contest may include one to two female selection classes (keep/cull), and will be of the species beef, sheep or swine, consisting of eight animals.
 - ii. Contestants will be required to select the four best animals from the eight using visual appraisal and performance data.
 - iii. Scenarios will be used in the selection process. Performance data will be provided orally or in writing.
9. If ties occur, the following events will be used in order to determine contestant rankings.
 - a. Total of Oral Reasons
 - b. Total of Placing Classes
 - c. Total of Keep/Cull Classes (if applicable)
 - d. Highest placing scores on the hardest classes (determined by the lowest cuts total per class)

Awards:

Top contestants for total placings, total reasons and each species will be recognized. Plaque to the top team, 2nd and 3rd place team award, overall high point individual \$1000 OPSU tuition waiver, 2nd high point individual \$500 OPSU tuition waiver



Meats

Superintendent: Anthony Ingo

Email: meatlab@opsu.edu

Date: Tuesday, November 8, 2022

Time: 9:00 a.m.-1:00 p.m.

Location: OPSU Firestone Meats Laboratory

Room: Will meet in SAB 101

Teams/Individuals: Multiple teams composed of three or four members may be entered by each school. If four members are entered, the three top scores will be used for the team score. Individual entries accepted as space allows.

**Contest Specifics,
Rules &
Guidelines:**

1. Contestants will report for contest instructions (8:45 am) in room SAB 101.
2. Contestants must come prepared to work in a cold storage room. They should have warm clothing and footwear and appropriate head cover.
3. There will be no handling of wholesale cuts, exposed rib eyes of beef carcasses or identification cuts during the contest. Contestants shall not use any mechanical aid or tabular material aids in arriving at a decision. Failure to comply with these rules will result in disqualification of the contestant.
4. Event Format
 - a. Retail Meat Cut Identification – 60 cuts
 - Clarification of terms for Retail ID
 1. Chop – Smaller, flat cuts of meat, usually from the pork, veal or lamb rib, loin or shoulder, generally ranging from ½” to 1½” inch in thickness. A chop is usually the size of a single meal portion.
 2. Slice – A section of meat, usually less than one inch thick, taken from the center or either side of center of the leg of pork, lamb or veal.
 3. Steak – A flat cut of meat, larger than a chop, ranging from ¾” to 1 ½” of thickness cut from various parts of a beef carcass, or the shoulder of pork and veal. The size of a steak often is sufficient to provide more than one portion.
 - b. Beef Quality and Yield Grading
 - Quality Grading – 5 beef carcasses
 1. Participants will assign a final maturity score and a final quality grade.
 - Yield Grading – 5 beef carcasses
 1. Participants will use the external fat to calculate preliminary yield grade, then adjust for Ribeye Area, Carcass Weight and KPH Fat %.
 - c. Six Placing Classes selected from:



- Class of four beef carcasses
 - Class of four beef wholesale cuts
 - Class of four pork carcasses
 - Class of four pork wholesale cuts
 - Class of four lamb carcasses
 - Classes of retail cuts for beef, pork, or lamb
- d. Two Questions Classes selected from the 6 placing classes
- e. A written exam consisting of:
- 20 multiple choice questions
 - One individual formulation problem
 - Possibly one team formulation problem

Awards:

Plaque to the top team, 2nd and 3rd place team award, overall high point individual \$1000 OPSU tuition waiver, 2nd high point individual \$500 OPSU tuition waiver



Rangeland Judging

Superintendent: Dr. Curtis Bensch

Email: cbensch@opsu.edu

Date: Tuesday, November 8, 2022

Time: 10:00-11:00 a.m.*

Location: OPSU School Farm

Room: Students will meet on campus

Teams/Individuals: Multiple teams composed of three or four members may be entered by each school. If four members are entered, the three top scores will be used for the team score. Individual entries are also allowed.

**Contest Specifics,
Rules &
Guidelines:**

1. The Land Judging contest will be conducted first, and the Rangeland judging will be conducted upon completion of the land judging. **The same or separate teams from a particular chapter could compete in both the Land and the Rangeland Judging contests.**
2. The Rangeland contest will consist of one location for identification of 20 range plants. The rules are generally the same as the National Rangeland Judging Contest. The Rangeland Judging Manual is available online at www.rangejudging.com.

Awards: Plaque to the top team, 2nd and 3rd place team award, overall high point individual \$1000 OPSU tuition waiver, 2nd high point individual \$500 OPSU tuition waiver



FFA Shooting Sporting Competition Rules

Tell Dixon tell.dixon@opsu.edu

1. All “Safety Rules and Participant Regulations” apply during any shooting event as explained in the *FFA Blue Book*.
2. At each competitive shooting event, the course layout will be set up within a reasonably uniform manner and supervised by an Oklahoma Department of Wildlife Conservation official. The FFA event coordinator will inspect and recommend any necessary alterations. Then he/she will approve the layout before the events.
3. The course layout will not be altered due to weather conditions at any event.
4. The shooting area and the event location will be the responsibility of the FFA event coordinator. Each contest will provide a range master, safety officer (monitors safety and determines the results of each shot—hit/miss), and a puller.
5. In the event a target is broken when releasing a true pair, the broken target will be presented to the shooter again as a pair (true double target), even if he/she hits one of the targets in a broken pair.
6. Each shooter will compete with the same firearm throughout the entire sequence. When moving from station to station, safe gun handling is paramount and is the responsibility of both shooter and safety officer.
7. At any time, the safety officer may request to replace or exchange a firearm, but it must be of the same gauge. Fouled firearms will be removed and secured immediately from the firing line. In the event of a fouled gun on the second shot of a true pair, then the pair of targets will be presented to the shooter again, even if he/she hits one of the targets before the gun fails.
8. Each shooter will call for their target release.

Course of Fire: Based on a (4) shooter team

Each shooting station will have its individual target presentation (recipe) posted.

First Round—Beginning with station #1

- A single target from a specified location will be presented. The shooter may shoot two times at this first target. The next shooter then takes his/her turn from that individual’s station.
- When all four shooters complete this part of the course, the first shooter will begin the next course of fire from the same station.

Second Round—Beginning with station #1

- A true target pair will be presented from specified locations. Only two shots may be fired at this time. The next shooter will take his/her turn from that individual’s station. For scoring purposes, the first trigger pull in this sequence will denote the second target at that station.



FFA Shooting Sporting Competition Rules (continued)

When all four shooters complete this part of the course, the first shooter will begin the next course of fire from the same station.

Third Round—Beginning with station #1

- ▶ A true target pair will be presented from specified locations. Only two shots may be fired at this time. The next shooter will take his/her turn from that individual’s station. For scoring purposes, the first trigger pull in this sequence will denote the fourth target at that station.
- ▶ When all four shooters complete this part of the course, the first shooter will begin the next course of fire from the same station.

When all four shooters complete this part of the course (each competitor has shot 5 rounds from the same station), then

ALL SHOOTERS WILL ROTATE TO THE RIGHT. THEY WILL ONLY ROTATE WHEN DIRECTED TO DO SO BY THE RANGE MASTER.

Next Course of Fire Begins:

Note: Station #1 will always begin the next course of fire.

- ❑ Each station target sequence will remain the same, which gives each shooter different target presentations from each station.
- ❑ Upon completing the entire course, each shooter will have been given 20 different target presentations. At the completion of the course of fire, the contestant will initial the individual score sheet to verify the score.

It is recommended that each FFA advisor (or designee) be present during his/her respective team’s competition.

In the event of tie, the following rules will be used to determine the winner:

For TEAM TIES:

First Tiebreaker: The first tiebreaker for teams will be the total number of breaks by the lowest scoring team member. (If a team does not have a four-person team, it will lose the tiebreaker if the other team’s low-scoring team member breaks at least one target.)

Second Tiebreaker: The second tiebreaker will be **the total** of consecutive breaks for each team member before the first miss, starting at station 1, target 1 for each shooter. Example:

	Station 1	Station 2	Station 3	Station 4	tiebreaker
Player 1:	xxxox	xxxxx	xooxx	oxxxx	3
Player 2:	oxxxx	xxxox	xxxxx	xooxx	0
Player 3:	xooxx	xxxxx	xxxxx	ooxxx	1
Player 4:	xxxxx	xxxxx	xxxxx	xxxxo	<u>19</u>
				Team Tiebreaker Total	23

Third Tiebreaker: State Contest: Shoot off as determined by the range master prior to the contest.

Area Contest: Coin toss or shoot-off as determined by each area prior to the start of the contest.



For INDIVIDUAL TIES:

First Tiebreaker: The first tiebreaker will be **the total** of consecutive breaks for the individual before his/her first miss, starting at station 1, target 1 for each shooter. If there is still a tie, look at the next set of consecutive breaks, beginning with the next shot. Use this method again if possible.

Example: (Four individuals tied with the same score)

	Station 1	Station 2	Station 3	Station 4	Score	tiebreaker
A:	xxxox	xxxxx	xooxx	oxxxx	16	7
B:	oxxxx	xxxox	xxxxx	xooxx	16	0
C:	xooxx	xxxxx	xxxxx	ooxxx	16	1
D:	xxxox	xxxxx	xooxx	xxxoo	16	7

In the above example, the individuals would rank as follows:

First Place Shooter - D

Second Place Shooter - A

Third Place Shooter - C

Fourth Place Shooter - B

Awards: Plaque to the top team, 2nd and 3rd place team award, overall high point individual \$1000 OPSU tuition waiver, 2nd high point individual \$500 OPSU tuition waiver



Food Science and Technology

Rangeland Judging

Superintendent: Tracy Kincannon

Email: tracy.kincannon@opsu.edu

Date: Tuesday, November 8, 2022

Time: 9:00 to 12:00

Location: SAB 110

Room: SAB 110

Purpose

The food science and technology career development event is designed to promote learning activities in food science and technology related to the food industry and to assist students in developing practical knowledge of principles used in a team decision-making process.

Objectives

1. To encourage FFA members to gain an awareness of career and professional opportunities in the field of food science and technology.
2. To provide FFA members with the opportunity to experience group participation and leadership responsibilities in a competitive food science and technology program.
3. To help FFA members develop technical competence and personal initiative in a food science and technology occupation.

Event Rules

1. It is highly recommended that participants wear FFA Official Dress for this event.
2. Any participant in possession of an electronic device/cell phone, except a calculator, in the event area is subject to disqualification.
3. The food science and technology career development event will consist of a team product development, practicums, and objective test.
4. All team members will participate in all of the activities. There will be a possible 1,560 total points per team.
5. Allergy Information: Food products used in this event may contain or come in contact with potential allergens. Advisors must submit a special needs request form for participants with allergies with certification. The event committee will make reasonable efforts to accommodate students with food allergies.

Event Format

Team Make-up

The team will consist of four members with all four members' scores being totaled for the team score. Incomplete teams will only be eligible for individual awards. However, the event committee will make all reasonable efforts to accommodate incomplete team events.



Equipment

Each participant can bring:

1. Each participant can bring:
 - a. A clipboard that is clean and free of notes.
 - b. Two sharpened No. 2 pencils.
 - c. Electronic calculator- Calculators used in this event should be non-programmable and non-graphing. Calculators should have only basic functions such as addition, subtraction, multiplication, division, equals, percent, square root, +/- key. No other calculators are allowed to be used during the event, including cell phones.
2. Event Superintendent will provide:
 - a. Official Scan sheet for Food Science CDE
 - b. Materials for the Team Product Development Project and Practicums

Event Schedule

Each contestant shall complete the event in the time allotted:

1. Objective Test (60 Minutes)
2. Practicums (30 Minutes)
3. Sensory evaluation (10 Minutes)
4. Team Product Development Project (70 minutes)

Objective Test (150 points)

1. The objective questions administered during the food science and technology examination will be designed to determine each team members' understanding of the basic principles of food science and technology. The test will be primarily, but not limited to, the list of references at the end of this chapter.
2. Team members will work individually to answer each of the 50 questions. Each person will have 60 minutes to complete the examination. Each question will be worth 3 points, for a total of 150 points.



Practicums

Each Team Member will complete all parts of the practicums.

1. **Problem Solving/Math Practicum (25 points possible per individual)**

Participants will answer a series of five mathematical calculations based on common food science themes. Questions may include nutrition calculations, ingredient quantity, cost-benefit analysis, estimation of cost/margin of goods sold, conversions, processing conditions, etc.

Example Question: The perfect glass of sweet tea is 20 percent sugar. Jim is making a one-gallon container of sweet tea. How many cups of sugar should he add?

- a. 2.4 cups
- b. 3.2 cups
- c. 3.4 cups
- d. 4 cups

2. **Food Safety and Quality Practicum - 50 points**

- a. Customer Inquiry- Each participant will be given five scenarios representing general consumer inquiries. Participants must determine if the consumer inquiry reflects a quality or safety issue and determine if it is a biological, chemical, or physical concern or hazard. (25 points)
- b. Product Specification Compliance: Students will be given sample sets (actual products and/or data sets) and will be responsible for determining compliance with the provided specification requirements. This may include, but is not limited to, determining if the product(s) is within the net weight standards, product sizing requirements, pH, color analysis, viscosity measurement, fill level tolerances, packaging specification compliance, etc. Participants will be asked five questions regarding potential compliance violations presented within the sample set. (25 points)

3. **Sensory Evaluation Practicum - 40 points**

- a. Triangle Tests- Four different triangle tests will be conducted. Participants are expected to identify the different samples through flavor, aroma, visual cues and/or textural differences. Each test is worth 5 points. (20 points)
- b. Aromas- Each participant will be asked to identify ten different aromas from vials provided at each station and record the answer on the sheet provided. A list of potential aromas will be provided to each person. Each sample is worth 2 points. (20 points)



Aromas

Cinnamon

Grape

Chocolate

Garlic

Maple

Peppermint

Oregano

Clove

Basil

Nutmeg

Lemon

Ginger

Lime

Molasses

Orange

Wintergreen

Vanilla

Banana

Smoke (liquid)

Coconut

Cherry

Lilac

Pine

Raspberry

Onion

Strawberry

Butter

Licorice (anise)

Menthol



Food Safety/Sanitation Team Activity (100 points possible per team)

Each participant will be given situations (e.g., photos, videos, written scenarios, live demonstrations, or a combination). A numbered list of problems will be provided at the beginning of this practicum segment. The list will contain concepts such as good manufacturing practices (GMP), sanitation, food handling/storage, and other pre-requisite programs. The team will work together to evaluate the situation and complete a safety/sanitation report evaluation which will include observations, degree of concern, recommendations/corrective actions. Students will be evaluated on teamwork as well as their safety/sanitation report.

Team Product Development (400 Points)

1. Each team will receive a product development scenario describing the need for a new or redesigned product that appeals to a potential market segment. The team's task will be to design a new food product or reformulate an existing product based on information contained within the product development scenario.
2. The team will be responsible for understanding and using the following concepts:
 - a. Formulation of product to meet specified requirements.
 - b. Package design and labeling requirements to reflect the developed product.
 - c. Nutritional fact development.
 - d. Production and packaging equipment.
 - e. Quality control and safety programs, i.e., good manufacturing practices (GMP) and hazard analysis critical control points (HACCP).
 - f. Formulation and costing (ingredient, packaging, etc.).
 - g. Current food trends.
 - h. Market segments.
3. Each team will be provided with packaging materials, ingredients and necessary ingredient information in order to develop a food product, easel sheet, and sharpies.
4. The team will have 60 minutes to respond to the product development scenario and reformulate or develop a product, calculate a nutritional label, develop the ingredient statement and information panel and develop the front or principal display panel to reflect the new product.
5. After this time period, each team member will contribute to a ten-minute oral presentation delivered to a panel of judges. No electronic media will be used in the presentation.
6. Following the presentation there will be a ten minute question and answer period with the judges in which each team member is expected to contribute. All materials will be collected after the presentation.
7. Total time involved for each team will be 80 minutes. Total number of points possible for this activity will be 400 points.
8. Product development scenarios will describe a category, platform and market. These may include but are not limited to the following categories, platforms and markets listed below:
 - a. Categories
 - i. Cereal
 - ii. Snacks
 - iii. Meals
 - iv. Side dishes
 - v. Beverages
 - vi. Supplements
 - vii. Condiments



- viii. Desserts
 - b. Platform
 - i. Frozen
 - ii. Refrigerated
 - iii. Shelf-stable
 - iv. Convenience
 - v. Ready to eat
 - vi. Heat and Serve
 - c. Market (domestic and international)
 - i. Retail
 - ii. Wholesale
 - iii. Foodservice
 - iv. Convenience store
9. Example of scenario product from past events:
- a. Ready to eat breakfast cereal for retail
 - b. Refrigerated frozen cookie dough for wholesale
 - c. Yogurt parfait for convenience store
 - d. Refrigerated, heat and serve pizza for retail
 - e. Shelf-stable, dried fruit snack mix for retail
10. Evaluation criteria and points for team activity can be found on the team product development project scorecard at the end of this chapter.



2022 Product: Energy Drink

Scoring

Activities	Individual Points	
Team Product Development Project	-	400
Team Food Safety/Sanitation	-	100
Math/Problem Solving	25	100
Food Safety and Quality	50	200
Sensory Evaluation	40	160
Written Exam	150	600
Maximum Points	265	1,560

Tiebreakers

1. **Team** – In case if teams have the same total points in the overall team placing, the tie will be broken by the highest team product development project score. If this score does not break the tie, then the highest number of total points earned from the objective test (adding all four team member scores) will break the tie. If a third tiebreaker is needed, the total points earned but the team in the food safety and quality practicum will be used.
2. **Individual** - To identify the high individual for this event in case of a tie, the highest objective test score will be used as the first tiebreaker, followed by the highest food safety and quality practicum score as the second tiebreaker. If a third tiebreaker is needed, one sensory evaluation score will be used.



Awards: Plaque to the top team, 2nd and 3rd place team award, overall high point individual \$1000 OPSU tuition waiver, 2nd high point individual \$500 OPSU tuition waiver

References

This list of references is not intended to be all-inclusive. Other sources may be utilized, and teachers are encouraged to make use of the very best instructional materials available. The following list contains references that may prove helpful during event preparation:

- National FFA 2017-2021 Handbook
- Mehas and Rodgers, 5th Edition, 2006. Kay Yockey Mehas and Sharon Lesley Rodgers, Glencoe/McGraw, New York.
- Food Science and Safety, 2nd Edition, 2004, George J. Seperich, Pearson Publishers
- Principles of Food Sanitation, 5th Edition, 2006, Norman G. Marriott and Robert Gravani, Springer Science + Business Media, Inc.
- Institute of Food Technology website, <http://www.ift.org>
- USDA Food Safety and Inspection Service website, <http://www.fsis.usda.gov>
- Penn State Kitchen Chemistry: Experiments, resources and materials for educators and students, <http://foodscience.psu.edu/public/kitchen-chemistry>
- Food Safety Education, <https://www.fsis.usda.gov/food-safety/safe-food-handling-and-preparation/food-safety-basics>
- Partnership for Food Safety Education, <http://www.fightbac.org>
- FoodSafety.gov, <http://www.foodsafety.gov>
- <https://www.youtube.com/watch?v=FTQYEsXZKvQ>



2022 OPSU CROPS JUDGING IDENTIFICATION LIST

CROPS		
1	alfalfa	both
2	barley	both
3	bermudagrass	both
4	big bluestem	both
5	buffalograss	seed
6	canola	both
7	confectionary sunflower	seed
8	corn	plant/ear/tassel
9	cotton	boll/seed/plant
10	crimson clover	both
11	dent corn	seed
12	durum wheat	seed
13	grain sorghum	seed
14	green mungbean	seed
15	hairy vetch	both
16	hard red winter wheat	seed
17	hard white wheat	seed
18	Indiangrass	both
19	Kentucky bluegrass	both
20	Korean lespedeza	both
21	little bluestem	both
22	oat	both
23	oil sunflower	seed
24	orchardgrass	both
25	peanut	pod/seed/plant
26	perennial ryegrass	both
27	pinto fieldbean	seed
28	plains bluestem	plant
29	pop corn	seed
30	red clover	both
31	rice	both
32	rye	both
33	sericea lespedeza	plant
34	sesame	both
35	sideoats grama	plant

36	soft red winter wheat	seed
37	soft white wheat	seed
38	sweet corn	seed
39	sweetclover	both
40	switchgrass	both
41	tall fescue	plant
42	triticale	both
43	weeping lovegrass	both
44	wheat	plant
45	white clover	both
46	winter pea	both
47	yellow soybean	both
WEEDS		
48	barnyardgrass	both
49	buffalobur	plant
50	Canada thistle	both
51	cheat	both
52	common chickweed	both
53	common lambsquarters	both
54	common milkweed	seed
55	common cocklebur	both
56	common ragweed	both
57	common sunflower	both
58	crabgrass	both
59	curly dock	both
60	dandelion	both
61	dodder	plant
62	downy brome	both
63	field bindweed	both
64	field pennycress	plant
65	giant ragweed	both
66	goosegrass	plant
67	green foxtail	both
68	henbit	both
69	horsenettle	both
70	horseweed	plant
71	jimsonweed	seed
72	johnsongrass	both
73	jointed goatgrass	both
74	kochia	both
75	musk thistle	plant



76	Pennsylvania smartweed	both
77	quackgrass	plant
78	prostrate knotweed	plant
79	puncturevine	both
80	redroot pigweed	both
81	rescuegrass	both
82	Russian thistle	plant
83	sandbur	both
84	sheperdspurse	both
85	silverleaf nightshade	plant
86	tall morningglory	both
87	velvetleaf	both
88	Venice mallow	both
89	wild buckwheat	both
90	wild carrot	both
91	wild garlic	bulbet
92	wild oat	seed
93	yellow foxtail	both
94	yellow nutsedge	both

**Panhandle State FFA Crops Contest
PLANT & SEED IDENTIFICATION**

Contestant
Name _____

Contestant School _____ Contestant
Number _____

Identify each numbered sample using the names from the answer list provided. Write the answer number corresponding to the name in the box next to the sample number. You may use the extra space to write out the name if you wish, but the official scoring will be



based on the answer number which you write in the box **only**. Turn in both pages when you are finished.

No.	Answer No.		No.	Answer No.		No.	Answer No.	
1.			26.			51.		
2.			27.			52.		
3.			28.			53.		
4.			29.			54.		
5.			30.			55.		
6.			31.			56.		
7.			32.			57.		
8.			33.			58.		
9.			34.			59.		
10.			35.			60.		
11.			36.					
12.			37.					
13.			38.					
14.			39.					
15.			40.					
16.			41.					
17.			42.					
18.			43.					
19.			44.					
20.			45.					
21.			46.					
22.			47.					
23.			48.					
24.			49.					
25.			50.					