



TONGANOXIE AGRICULTURAL EDUCATION & FFA CHAPTER

404 E. HWY. 24-40 | TONGANOXIE, KS 66086 | 913-416-1460

MR. ZACHARY CALLAGHAN | ZCALLAGHAN@TONG464.ORG

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March 22nd, 2023

Advisors,

We are excited to announce that Tonganoxie FFA will be hosting the 3rd Annual Chieftain Challenge Invitational on **Friday, April 21st** at the Leavenworth County Fairgrounds (405 W 4th St, Tonganoxie, KS 66086). The following contests will be offered:

- **Poultry Evaluation**
- **Entomology**
- **Floriculture**
- **Veterinary Science**
- **Livestock Evaluation**
- **Farm & Ag Business Management**
- **Food Science**
- **Welding Project Challenge**

Check in will start at 8:15 and end at 8:45. We will kick off the contests at 9:00 AM. If students want to compete in livestock, they will not be able to compete in the other events due to time constraints. If a student wants to do multiple events (not livestock) we can run them through as they finish each one, but are limited to 3 and have to be completed by noon. Kansas FFA state CDE guidelines will be followed as closely as possible; minor changes may be required due to space/time/resource constraints. Scantrons will be provided at the contest.

Registration will be ran through Judging Card. The cost for registration is \$15/team with a limit of six students per team. There will **not** be A and B team divisions. All teams will compete together. A school may have unlimited teams. Please register as soon as possible - registration will close Wednesday, 4/12/23.

Registration Link: <https://www.judgingcard.com/Registration/Registration.aspx?ID=16572>

Our Tonganoxie FFA Alumni and Supporters group are considering running a concession stand at the fairgrounds for the event. The tentative menu consists of hamburgers, hotdogs, chips, drinks and candy bars. The concession stand will be cash only. There is a possibility of a food truck being on site for this event as well. Further details will be sent out prior to the event.

Plaques and awards will be given to the top ten individuals in each contest. The top three teams will receive a plaque.

Please feel free to reach out with any questions you may have!

Thanks,

Zachary Callaghan & Beth Schartz
Agriculture Teachers and FFA Advisors
Tonganoxie High School



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Contest Formats

Poultry:

1 set of 4 past production hens (tentatively)

1 set of 4 broilers (tentatively)

1 set of 4 broiler/turkey carcasses to place

1 set of 10 broiler carcass parts to ID

1 set of 10 broiler and/or turkey parts and/or carcasses to determine quality grade

1 set of 10 shell eggs for exterior quality grading

Written evaluation criteria for exterior eggs

2 sets of 10 further processed meat products (bone-in and boneless) to give evaluative criteria

1 exam for individuals with 20 questions - the questions will focus on these 7th ed. FFA poultry manual sections:

Egg-Strain and Pullet Hen Management (C-102), Additional Poultry Enterprises and Products (C-138) and section D (the glossary and definitions).

1 set of 10 eggs to candle and determine interior quality

National FFA Poultry Scantron will be used.

Livestock:

8 Classes of cattle, sheep, goats and pigs. Be prepared to see breeding and market animals. We may have a Keep/Cull and/or Performance class. All classes will be dependent on availability of animals.

2 Reasons Classes

Middle School teams will not do reasons due to time constraints, unless time allows.

National FFA Horticulture Scantron will be used

Entomology:

50 Specimen ID

40 Exam Questions

The Horticulture Scantron will be used.

Floriculture:

Written Test - 50 Multiple Choice or True/False

Plant Identification - 50 specimens

Practicum - 20 Multiple Choice or True/False

The Horticulture Scantron will be used.

Vet Science:

Written Exam/Practicums - (50 question exam, 25 question math practicum, 20 question procedure/restraint practicum. The state veterinary science contest format/resources will be followed as closely as possible.

ID Exam - 50 questions (25 equipment, 15 parasites, 10 breeds/species)

The Horticulture Scantron will be used.

All contest components are subject to change based on availability of materials



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Contest Formats

Farm and Agribusiness Management:

1 50 Question General Info Exam (economic, marketing, Ag policy, insurance, current events, etc.) worth 50 points

1 40 Question Problem Solving Exam (Balance Sheet, Income Statement, Marketing (Livestock and/or Crops), Enterprise Budgets, Short Run/Profit Maximization, Cash Flow, Budgeting) worth 200 Points

No programmable calculators will be allowed during this contest.

Scantron: Ag Sales/ FB Mngt/Ag Mech CDE#105481

Food Science:

1 Written Test - 50 Questions.

5 Aromas: from the state/national list

1 Triangle Test

5 Customer Inquiry scenarios: (5 Points each) - Each participant will be given five scenarios representing general customer inquiries. Participants must determine if the consumer inquiry reflects a quality or safety issue (2 pts) and determine if it is a biological, chemical, or physical concern or hazard (3 pts).

1 Math Practicum: 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.

Scantron: Food Science - Form #713-3

Ag Welding Project Challenge:

5 Categories - See Handbook for judging criteria and rules - [Welding Project Show Handbook](#)

Please use the form below to register projects so we can coordinate judges for each area:

Google Form Project Registration: <https://forms.gle/NjN8v9WowjZvJT7v6>

Students can compete in as many categories as they wish, but are limited to one project per area.

1. Trailers
 - a. Examples: utility, deck-over, welding trailer, etc.
2. Recreational Projects
 - a. Examples: smokers, grills, picnic tables, metal art
3. Life/Home Improvement Projects
 - a. Examples: log splitters, t-post drivers, work benches, tools/implements
4. Livestock/Wildlife Projects
 - a. Examples: gates, panels, traps, feeders, deer stand, squeeze/grooming chute, sheep/goat trimming stands
5. Automotive/Equipment Accessory Projects
 - a. Examples: bumpers, receiver hitches, grill guards, headache racks, truck tool box

Awards: Top 3 Students/category, Top 5 Teams Overall (points system detailed in welding show handbook)

All contest components are subject to change based on availability of materials