



AGRICULTURAL EDUCATION FFA

Department 420

Stena Meadows, Director, Stena.meadows@tn.gov

Ag Mechanics Show

John Fugate
Michael Whitehead
David Johnson

Ornamental Horticulture

Mike Howerton
Taylor Case
Patti Keep

Vegetable/Egg & Honey Show

Buddy Crass
Jennifer Noe
David Tripucka

Corn Show

Daren Helton

Photography Show

Val Eaton
Taylor Case

Potato Show

Jennifer Overbay
Eric Reynolds

**ALL ENTRIES MUST BE PRE-REGISTERED FOR 2023.
ENTRY DEADLINE WILL BE AUGUST 25th, 2023.
NO PASSES WILL BE GIVEN TO ADVISORS NOT FOLLOWING THIS RULE.
NO EXCEPTIONS!**

The members of the Tennessee Association of the FFA constitute a state association in the national organization of Future Farmers of America. This organization is made up of students enrolled in Agricultural Education in the public high schools. Students studying Agricultural Education are enrolled in supervised work experiences designed to increase in scope from year to year. FFA chapters are located in every state in the Union. The annual FFA Convention is to be held in Indianapolis, IN.

IMPORTANT NOTICE

The Fair will open to the public at 5:00 p.m. Friday, September 8th, and will close at midnight, Sunday, September 17th. In order to open at 5:00 p.m. Friday, we must have as many exhibits as possible in place by this time. We are, however, aware of the fact that this would work a hardship on FFA exhibitors because of school responsibilities, and we are therefore permitting entries to be delivered Thursday, September 7th from 3:30 p.m. until 7:30 p.m., Friday, September 8th from 3:30 p.m. to 6:30 p.m., or Saturday, September 9th from 7:00 a.m. to 10:00 a.m. **The exhibits arriving on Saturday morning should be entered through the Hill Top Gate.**

SPECIAL RULES

1. Competition in this department is open to any FFA member in the State, provided he/she is a bona fide student of Agricultural Education, except that competition in Special Classes 14-17 is open only to East Tennessee FFA Chapters.
2. No entry fee will be charged.
3. **ALL ENTRIES MUST BE PREREGISTERED ONLINE AT WWW.TNVALLEYFAIR.ORG IN ORDER TO RECEIVE FAIR PASSES. NO EXCEPTIONS!** Online entries will be accepted beginning July 1st and will continue through August 25th. Enter EVERYTHING you THINK you may enter. We understand you may not bring what was originally registered. Registering online will simplify your check in process when you arrive.
4. All exhibits should be in place before Saturday, September 9th by 10:00 a.m., for judging to begin at 11:00 a.m.
5. An individual may enter only one exhibit in any lot.
6. Teachers should see that each exhibit sent in has on it a label giving the name and address of the exhibitor and also the name of the variety, or the class and lot under which it is desired to make entry.
7. Teachers of Agricultural Education must certify that exhibits are produced in students' own supervised occupational experience program or by students enrolled in Agricultural Education for the first time and that crop exhibits are of current year's growth except burley leaf tobacco. Class 6 may be either current or previous year's crop.
8. In all production exhibits, the Fair reserves the right to check any entry in the field at maturity, if conditions seem to warrant same, and hold premium money until such production is verified.
9. **All exhibits including ribbons may be removed Sunday, September 17th, from 8:00 p.m. to 10:00 p.m. OR Monday, September 18th, by 6:00 p.m. ONLY. Any exhibits removed prior to the two dates mentioned above and time will forfeit all premiums.** Exhibits not removed by 6:00 p.m., Monday, September 18th, will be disposed of.

FFA CORN SHOW

CLASS 1—FIELD CORN PRODUCTION EXHIBIT

Score Card

Soundness of grain.....10 points
Yield per acre.....90 points

Lot 1

- Corn must be a dent hybrid or open-pollinated variety and grown during the current season by the exhibitor.**
- Entries in this class will be judged on yield per acre and on an exhibit consisting of ten (10) ears of corn selected from the plot used in getting a sample. This plot is charted below.
- Corn to be harvested consists of **three (3) rows each 15 feet long** and five rows apart. The dimensions of the rectangular plot will be 5 feet in length of row, and eleven (11) rows in width. **A total of 45 feet of row will be harvested.**

Harvest this row

Harvest this row

Eleven Rows

Premiums for Class 1				
1st	2nd	3rd-5th	6th-8th	9th-10th
\$15.00	\$12.50	\$10.00	\$7.50	\$6.00

- The corn sample should be shucked and must be selected in accordance with the chart above. **Count the total number of plants harvested and record this number. Weigh the sample and record the weight.** Spring, digital, and platform scales are all acceptable devices for determining the sample weight. From this sample, **collect two (2) ten-ear sub-samples.**
- Bring these two 10-ear sub-samples to the Jacob Building. **Do not bring the entire harvested sample.**
- One 10-ear sub-sample will be used by the Fair to determine the moisture content of the grain at harvest and will then be removed from the building by the exhibitor..
- The other 10 ears will be the exhibit to be displayed with the yield results. **Exhibit must include the recorded sample weight, harvested plant count, row width, and brand/hybrid or variety name.**
- Uniform samples with a minimum of insect damage and rots are desired. Ears should be intact including unfilled tips. **(These 10 ears may also be entered in Class 2, Lot 1.)**

Sample Weight Verification

Name of Brand/Hybrid No.	Row Width	No. of Plants Harvested
_____	_____	_____

No. of Plants per Acre*	Weight of Sample
_____	_____

* Plants per acre = (11616/row width in inches) x Number of plants harvested from 45' of row.
Example: (11616/36") x 60 plants = 19360 ppa

The UT Agricultural Experiment Station will be determine the grain moisture and yield per acre based on dry shelled corn at 15.5 percent moisture content

I certify that the above information is correct and has been taken in accordance with the rules.

Vocational Teacher

A placard with each exhibit shall present the following information:

Bushels Per Acre: _____
(to be filled in by UT Experiment Station Official)

Department: _____

County: _____

Name & Address of Grower: _____

Brand/Hybrid/Variety: _____

Planting Population/Acre: _____
(to be filled in by UT Experiment Station Official)

Moisture at Harvest: _____
(to be filled in by UT Experiment Station Official)

Width of Rows: _____

Sample Weight: _____

Number of Plants Harvested: _____

I certify that the above information is correct and has been taken in accordance with the rules.

Vocational Teacher

CLASS 2 - FIELD CORN TEN EAR EXHIBIT

Premiums for Class 2

1st - \$5.00 2nd - \$4.50 3rd - \$4.00 4th - \$3.50 5th - \$3.00
6th - \$2.50 7th-12th - \$2.00

Lot 01 - Individual

1. Corn must be a dent hybrid or open-pollinated variety and grown during the current season by the exhibitor.
2. Each member may enter one exhibit of a ten-ear sample of corn. No sweet corn or popcorn. Ears should be shucked and fully intact including unfilled tips. Uniform samples with dry, sound grain and a minimum of insect damage and rots are desired.

FFA POTATO SHOW

Scoring

Entries in this class will be judged on the basis of 75 percent for production, and 25 percent for quality, and on an exhibit consisting of twelve (12) selected potatoes.

Yield Verification

Yields to be verified before or after harvest by authorized agent of the Fair Association, designated in cooperation with the Agricultural Extension Service and Department of Agricultural Education. Yield scores will be provided to Department Superintendent at time of entry.

Potato Yield Determination Before Harvest

All row-crop yields can be directly determined without computation by weighing the yield from a specified row length and moving decimal point left or right. In the case of potatoes in 3ft rows, the pounds produced on 24 ft. of row give acre yield in 60 pound bushels by moving the decimal point one space to the right.

Example: 26.5 pounds equals 265 bushels per acre.

Yield checking should be done after vines have died and before crabgrass takes over. Three to five samplings should be taken per acre, averaged together. Samplings should properly represent field variability. The less variable the vine growth, the fewer the yield samplings needed. Indicate weight of each sample.

Row length harvested is related to row spacing as follows:

32"=27'6", 36"=24'0", 38"=22'8", 42"=20'7"

Most useful equipment for field checking is a long-handled, six-tine fork, a basket, and a spring scale.

CLASS 3 - IRISH POTATO PRODUCTION EXHIBIT

Premiums for Class 3

1st - \$15.00 2nd - \$12.50 3rd-5th - \$10.00
6th-8th - \$7.50 9th-10th - \$6.00

Lot

- 01 - Early Varieties - Irish Cobbler, Bliss Triumph, La Soda
02 - Late Varieties-Kennebec, Sequoia, Green Mountain, Boone, Pon

CLASS 4 - EXHIBIT OF IRISH POTATOES

Entry to consist of 12 selected potatoes, top show quality.

Lot	1st	2nd	3rd	4th	5th
01 - Irish Cobbler	\$5.00	\$4.50	\$4.00	\$3.50	\$3.00
02 - Kennebec	\$7.00	\$6.00	\$5.00	\$4.50	\$4.00
03 - Any other variety	\$5.00	\$4.50	\$4.00	\$3.50	\$3.00
(must be named)					

Record Production

Yield per acre: _____

Name: _____

Address: _____

County: _____

Var. Acres: _____

Spacing: _____

Fertilizer: Formula: _____

Rate: _____

Insect and Disease Control: _____

I certify that the information above is correct and has been taken in accordance with the rules.

Signed _____

Vocational Teacher

CLASS 5 - HAY

RULES

1. No entry fee will be charged.
2. Neat handling will be considered in all exhibits.
3. Exhibits must be from the FFA student's farming operation. An entry of hay will consist of 1/4 bale.

Premiums for Classes 5

1st - \$10.00 2nd - \$9.00 3rd - \$8.00 4th - \$7.00
5th - \$6.00

Lot

- 01 - Mixed Grass Hay
02 - Alfalfa
03 - Red Clover
04 - Grass & Clover mixed
05 - Grass & Alfalfa mixed
06 - Timothy
07 - Orchard Grass
08 - Oats
09 - Wheat

CLASS 6 - SPECIALITY CROPS - TOBACCO HEMP, COTTON, SOY BEANS

Lot

- 01 - Cured
02 - Uncured

Premiums for Classes 6

1st - \$10.00 2nd - \$9.00 3rd - \$8.00 4th - \$7.00
5th - \$6.00

CLASS 7 - FFA EGG SHOW

An entry will consist of 1 dozen eggs in a carton. Store bought eggs are unacceptable, and will be disqualified. Exhibits must be from the FFA student's farming operation.



Premiums for Class 7
1st - \$5.00 2nd - \$4.00 3rd - \$3.00
4th - \$2.50 5th - \$2.00

Lot

- 01 - White Eggs
- 02 - Brown Eggs
- 03 - Multi-color Eggs (Blue, Green, etc.)

CLASS 8 - FFA VEGETABLE SHOW

Premiums for Class 8
1st - \$5.00 2nd - \$4.00 3rd - \$3.00
4th - \$2.50 5th - \$2.00

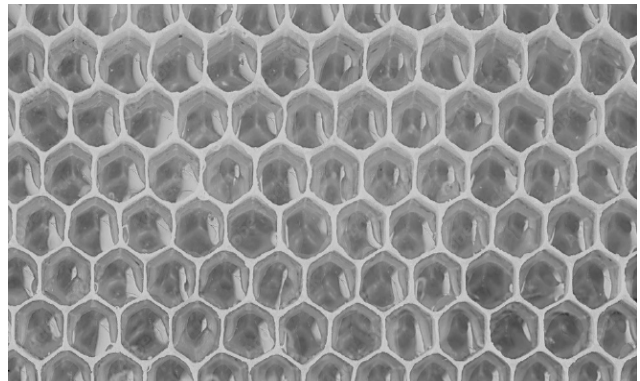
Lot

- 01 - Plate of Pole Beans
- 02 - Plate of Snap Beans
- 03 - Five (5) Bell Peppers (Green)
- 04 - Five (5) Bell Peppers (Other Color)
- 05 - Ten (10) Cayenne Peppers (Green)
- 06 - Ten (10) Cayenne Peppers (Red)
- 07 - Ten (10) Banana Peppers (Yellow)
- 08 - Ten (10) Banana Peppers (Other Color)
- 09 - Ten (10) Jalapeno Peppers
- 10 - Ten (10) Habanero Peppers

- 11 - Ten (10) Other Peppers
- 12 - Five (5) Large Red Tomatoes
- 13 - Five (5) Large Yellow Tomatoes
- 14 - Five (5) Red or Yellow Tomatoes (Plum Type)
- 15 - Twelve (12) Small Red Tomatoes
- 16 - Twelve (12) Small Yellow Tomatoes
- 17 - Plate (12 pods) Table-Size Okra (2" - 3 1/2")
- 18 - Five (5) Slicing Cucumbers
- 19 - Five (5) Pickling Cucumbers
- 20 - Six (6) Sweet Potatoes
- 21 - Six (6) Yellow Onions
- 22 - Six (6) Onions (Other Color)
- 23 - Three (3) Zucchini Summer Squash
- 24 - Three (3) Yellow Summer Squash
- 25 - Three (3) Round Summer Squash
- 26 - Acorn Squash (2)
- 27 - Butternut Squash (2)
- 28 - Cushaw type Winter Squash
- 29 - Other type Winter Squash
- 30 - Small Sugar or Pie Pumpkin (max 10 lbs)
- 31 - Large Kentucky Field Pumpkin
- 32 - Large Orange Connecticut Pumpkin
- 33 - Round Watermelon
- 34 - Long Watermelon

CLASS 9 - FFA HONEY SHOW

Honey must be exhibited in pint or quart glass jars
(A standard 1 pound honey jar is recommended)



Premiums for Class 9
1st - \$5.00 2nd - \$4.00 3rd - \$3.00
4th - \$2.50 5th - \$2.00

Lot

- 01 - Chunk Honey - Light Amber
- 02 - Extracted Honey - Light Amber
- 03 - Chunk Honey - Dark Amber
- 04 - Extracted Honey - Dark Amber

CLASS 10 - FFA AGRICULTURAL MECHANICS SHOW

Teachers must certify that projects entered for competition have been made since September 1, 2022 in the high school shop or home shop by students regularly enrolled in Agricultural Education, and that the project has not been previously exhibited in the Tennessee Valley Fair. Each project must be entered by the student by whom it is made. Exhibits will be judged on workmanship, utility and materials used. Articles are to be placed in designated lots. Decision of judges will be final.

Premiums for Class 10, Lots 1 - 22 1st - \$10.00 2nd - \$8.00 3rd - \$6.00

- 01 - Cutting Board
- 02 - Nail Box
- 03 - Soil Auger
- 04 - Tobacco Tomahawk
- 05 - Fire Rake made from Mower Sections
- 06 - Wood Float
- 07 - Tree Planting Dibble
- 08 - Best job of arc welding steel
- 09 - Best job of gas welding steel
- 10 - Best job of patch or joint soldering
- 11 - Best job of plug soldering
- 12 - Best job of mig welding
- 13 - Best job of brazing
- 14 - Small Wood Project - Various Crafts
- 15 - Small Wood Project - Agricultural Related
- 16 - Tractor Hitch
- 17 - Jig for Drilling Round Metal
- 18 - Carpenter's Tool box, Open Top
- 19 - Completed 3-way light circuit with male plug for testing, mounted on appropriate display (exhibit not to exceed 1' x 2')
- 20 - Carpenter's Tool Box, To Lock
- 21 - Post driver for metal post
- 22 - Machinery Leveling Jack

Premiums for Class 10, Lots 23 - 26 1st - \$15.00 2nd - \$12.00 3rd - \$10.00

- Lot
- 23 - Lawn Furniture
 - 24 - Metal Saw Horse
 - 25 - Welding Stools
 - 26 - Farm Gate (All - Metal, Non Metal)

LARGE PROJECTS FOR FARM USE

The following lots (30-52) are intended to be large projects for farm use and must be entered by the individual who made the project or by the chapter, if the project was a cooperative endeavor of FFA members. All items above will not be eligible in the following lots. On large projects with more than one component, limit to two entries.

Premiums for Lots 27 - 29 1st - \$12.00 2nd - \$10.00 3rd - \$8.00

- Lot
- 27 - Livestock Feeders
 - 28 - Small Metal Project For Farm Use
(Any small metal project not included in other lots.)
Projects in this lot must be elaborate enough to justify prize money.
Such projects as draw-bar pins will not qualify
 - 29 - Small metal welded craft

Premiums for Class 10, Lots 30 - 33 1st - \$15.00 2nd - \$12.00 3rd - \$10.00

- Lot
- 30 - Two or tree-point Tractor Carryall
 - 31 - Two or three-point Tractor Boom
 - 32 - Large Labor Saving Device For Farm Use
 - 33 - Three point hitch Gooseneck Mover

Premiums for Class 10, Lots 34 - 36 1st - \$25.00 2nd - \$20.00 3rd - \$18.00 4th - \$15.00

- Lot
- 34 - Modified Equipment
 - 35 - Large Wood Project For Farm Use
(i.e. Wagon Bed, Trailer bed, Truck Rack, etc.)
 - 36 - Large Metal Project for Farm use.
(i.e. Cattle Racks, Metal Wagon Beds, Presses, etc.)

Premiums for Class 10, Lots 37 - 40 1st - \$40.00 2nd - \$30.00 3rd - \$25.00 4th - \$20.00

- Lot
- 37 - Round Bale Carrier - Any type
 - 38 - Tillage Equipment
 - 39 - Log Splitter
 - 40 - Two-Wheel Trailer or Four Wheel Wagon

Premiums for Class 10, Lots 41 - 42 1st - \$50.00 2nd - \$40.00 3rd - \$35.00 4th - \$30.00

- Lot
- 41 - Farm Trailer - Any type
 - 42 - Picnic Table - Any type



CLASS 11 - FFA ORNAMENTAL HORTICULTURE

All lots are open to competition to either FFA Chapters or individuals. No individual may enter more than one entry in each lot. FFA Chapters are limited to 3 entries per lot. Plants grown by an individual either at home or in the school program may be entered as individual projects and those grown in group project should be entered in the FFA Chapter name. No commercially grown plants will be eligible for competition.



Premiums for Class 11, Lot 1
1st - \$50.00 2nd - \$40.00 3rd - \$30.00
4th - \$20.00 5th - \$10.00

Lot

01 - Ornamental Horticulture Display

This lot is open to chapter competition only. This display will be designed and arranged in a 30" x 96" space. Judging will be based on educational value, originality, design, quality or materials, etc.

Premiums for Class 11, Lots 2-34
1st - \$10.00 2nd - \$8.00 3rd - \$6.00

Lot

- 02 - Aloe Vera Plant
- 03 - Baby Tear Jew Plant
- 04 - Begonia, any variety
- 05 - Boston Fern
- 06 - Cactus
- 07 - Cactus, Christmas
- 08 - Chrysanthemum, any potted
- 09 - Ficus Plant
- 10 - Geranium, any potted
- 11 - Impatiens, any potted
- 12 - Ivy, any potted
- 13 - Jade Plant
- 14 - Mother-in-Law Plant
- 15 - Peace Lily
- 16 - Perennial any potted
- 17 - Pothos Plant
- 18 - Rubber Plant
- 19 - Spider Plant
- 20 - Wandering Jew Plant
- 21 - Container grown Nursery Stock (1)

- 22 - Container grown Ground Cover (1)
- 23 - Hanging Basket, Foliage
- 24 - Hanging Basket, Flowering
- 25 - Hanging Basket, Fern or Fern-like
- 26 - Houseplant, Large, 36" & over
- 27 - Houseplant, Small, under 36"
- 28 - Flowering Annual, any
- 29 - Blooming Potted Plant, any other
- 30 - Non-blooming Potted Plant, any
- 31 - Container w/more than 1 Variety
- 32 - Wildflower Arrangement
- 33 - Live Flower Arrangement
- 34 - Silk Flower Arrangement

CLASS 12 - LANDSCAPE DESIGN

Exhibits must be the student's own work

Premiums for Class 12, Lots 1-10
1st - \$10.00 2nd - \$8.00 3rd - \$6.00

Lot

- 01 - Landscape Design - Plan View 8 1/2"X11" or smaller
- 02 - Landscape Design - Plan View larger than 8 1/2"X11"
- 03 - Landscape Design - Elevation View 8 1/2"X11" or smaller
- 04 - Landscape Design - Elevation View larger than 8 1/2"X11"
- 05 - Hand drawn Landscape Design - any
- 06 - Computer Aided Landscape Design - Plan View 8 1/2" X 11" or smaller
- 07 - Computer Aided Landscape Design - Plan View larger than 8 1/2" X 11"
- 08 - Computer Aided Landscape Design - Elevation View 8 1/2" X 11" or smaller
- 09 - Computer Aided Landscape Design - Elevation View larger than 8 1/2" X 11"
- 10 - Scaled Model - Landscape Design



CLASS 13 - AGRICULTURAL PHOTOGRAPHY

Premiums for Class 13
1st - \$7.00 2nd - \$5.00 3rd - \$3.00

1. Photographs must be 8"x10" matted on paper - may include but not limited to: foam board, mat board, construction paper, paper, or any other attractive backing.

Lots

- 01 - Color - Animal
- 02 - Color - People
- 03 - Color - Farm Landscape
- 04 - Color - Any other
- 05 - Black & White - Animal
- 06 - Black & White - People
- 07 - Black & White - Farm Landscape
- 08 - Black & White - Any other

CLASS 14 - AGRICULTURAL ISSUES POSTER

Premiums for Class 14
1st - \$30.00 2nd - \$20.00 3rd - \$10.00

1. Ag Issues Posters should be done on a tri-fold Science Fair/Presentation board measuring no more than 36" high x 48" wide that will stand on its own. Poster must be mounted.

Why is the issue important now? What is the nature of the issue? Who is involved in the issue? How is the issue defined? What is the historical background of the issue? What caused the issue? What are the risks? What are the benefits?

2. For more information visit the Ag Issues Forum CDE on tnffa.org or ffa.org.

CLASS 15 - CHAPTER DISPLAY

Premiums for Class 15
1st - \$60.00 2nd - \$50.00 3rd - \$40.00

YOU MUST BE PRE-REGISTERED TO PARTICIPATE!
Participants will be notified of space allowed via email by August 25th.

Must incorporate the 2023 Tennessee Valley Fair theme:
"Ribbons, Roosters, & Roller Coasters!"

- a. Promotion of a successful or approved agricultural practice
 - b. Promotion of a successful chapter leadership activity
 - c. Promotion of local, state, or national ag program or activity
3. Grading and placing will be based on the following:
- a. Attractiveness.....20pts
 - b. Display Techniques.....20pts
 - c. Originality.....15pts
 - d. Appropriateness of Topic.....15pts
 - e. Overall Effectiveness.....30pts

Lot

01 - Chapter Display

CLASS 16 - FFA CLASS SPECIALS

Premiums for Class 16: Rosettes & Premiums
1st - \$25.00 2nd - \$15.00 3rd - \$12.00

Available premiums will be awarded to the chapter that has the largest number of points in each of the classes listed below:

Lot

- 01 - Classes 1 & 2 - FFA Corn Show
02 - Classes 3 & 4 - FFA Potato Show
03 - Class 8 - FFA Vegetable Show
04 - Class 10 - FFA Farm Mechanics Show
05 - Class 11 - FFA Ornamental Horticulture Show
06 - Classes 12,13,14, 15 - Design, Photography, Posters, Displays

In counting points, each first prize shall count as many points as there are prizes offered in that lot, except that there will be a maximum of 10 points. A second prize shall count one point less than the first prize and so on down to the last prize, which count one point.

CLASS 17 - FFA CHAPTER SPECIAL

Premiums for Class 17: Rosettes & Premiums
1st - \$40.00 2nd - \$30.00 3rd - \$25.00 4th-8th - \$20.00

Lot

01 - The FFA Chapter winning the largest number of points in Classes 1 to 15 inclusive. Points to be counted as in Class 16.

CLASS 18 - FFA CHAPTER Exhibit Special

Premiums for Class 18: Rosettes & Premiums
1st - \$40.00 2nd - \$30.00 3rd - \$20.00 4th-8th - \$10.00

Lot

01 - Premiums will be awarded to the FFA Chapter who has entered the most exhibits in the first 15 classes. Chapter must enter 5 classes to be eligible.

CLASS 19 - FFA PREPARED PUBLIC SPEAKING CONTEST

Contest date and time:

Monday, September 11th 10:00 a.m.

Place: Culinary Arts Stage - 1st Floor - Jacob Building

Premiums for Class 19
1st - \$75.00 2nd - \$50.00 3rd - \$25.00

All FFA participants must pre-register by August 25th.

Pre-Registration is mandatory. The event is open to one student per grade per FFA chapter. Speeches should be 3 - 4 minutes in length. No visuals may be used for any speech. Contestants should not rely on note cards; overuse of note cards will result in penalties. No crowd or judge questions will be asked of the student.

Contestants will be judged on delivery and presentation (40 pts), construction and relevance (40 pts), creativity in overall presentation (15 pts), and adherence to time allotted (5 pts). Judges will stop contestant if speech goes over allotted time or if speech is inappropriate.

Lot

01 - Freshmen (9th Grade)

The last line of the FFA creed includes the phrase "and that I can exert an influence in my home and community." As a FFA member, how can you exert an influence?

02 - Sophomores (10th Grade)

In what ways can FFA develop premier leadership, personal growth, and career success through agricultural education?

03 - Juniors (11th Grade)

How has agriculture developed and what changes do you see for the future?

04 - Seniors (12th Grade)

What do you see as the number one issue in agriculture today?