

4-H PLANT SCIENCE

Superintendents
Renee Doggett

Junior Superintendents
Baley Doggett &
Clayton Huston



1. Information about exhibiting produce is available online in the publication "Exhibiting Fruits and Vegetables" available in the Extension Office or online at <http://www.ksre.ksu.edu/bookstore/pubs/c405.pdf>
2. All products must be grown in 2017 by the club member.
3. Only **one** exhibit per class will be accepted.
4. Exhibitors are to use a sturdy plate, bowl or container that will support the weight of the produce. Superintendents will secure entry tag to plate or container with string or tape.
6. Shelled vegetables should not be exhibited.
7. Quality and condition of exhibit will be considered. Exhibits in this division need not be mature. Efforts should be made, however, to select as mature entries as possible.

AWARDS:

Overall Grand Champion Plant Science Trophy - Sponsored by KP AG Services- Macksville, KS

Overall Res Grand Champion Plant Science Trophy - Sponsored by KP AG Services - Macksville, KS

GARDEN EXHIBIT

CLASS

1200 - Garden Display; Each exhibitor in this class will be limited to four square feet of space. The Garden Display must be exhibited in a tray, basket or container that can be easily moved by the fair staff. Exhibit consists of 5 different types of fresh vegetables or fruits. Canned products and shelled vegetables are not acceptable. Only one variety of each type of vegetable or fruit may be exhibited. The numbers of the 5 types of vegetables or fruits to be exhibited are as follows:

Large vegetables (1 each) - Cabbage, Cantaloupe, Eggplant, Large Pumpkin, Squash, Watermelon

Medium Vegetables (5 each) - Beets, Carrots, Cucumbers, Decorative Gourds, Potatoes, Miniature Pumpkins, Okra, Onions, Peppers, Sweet Potatoes, Tomatoes, or other similar sized vegetable.

Small Vegetables (12 each) - Green snap beans, wax beans, English peas, radishes or other sized vegetables.

Small Fruits (one 1/2 pint box) - Strawberries, blackberries, raspberries, or other similar sized fruits.

Tree Fruits (plate of 5) - apples, pears, peaches, or similar sized fruit.

Grapes—plate of 2 bunches

OR ANY OTHER SMALL VEGETABLE

1201 - Plate of 5 standard tomatoes

1202 - Plate of 5 cherry tomatoes

1203 - Plate of 5 onions, any variety

1204 - Plate of 12 green or yellow wax beans - any variety

1205 - Plate of 5 cucumbers - any variety

1206 - Plate of 5 table beets

1207 - Plate of 5 carrots

1208 - 1 Eggplant

1209 - 1 Squash - any variety

1210 - Plate of 5 peppers

1211 - Plate of 5 okra

1212 - 1 watermelon

1213 - 1 pumpkin

1214 - Other vegetables not listed

1215 - 5 Red Potatoes (Variety should be named)

1216 - 5 White Potatoes (Variety should be named)

1217 - 5 Sweet Potatoes (Variety should be named)

4-H DIVISION AGE GROUPS- STATIC EXHIBITS

JUNIOR

INTERMEDIATE

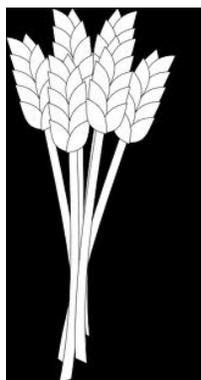
SENIOR

AGES 7 - 9

AGES 10 - 13

AGES 14 +

FIELD CROPS



CLASS

1223 - Wheat, 1 Gallon, any variety

1224 - Barley, 1 Gallon, any variety

1225 - Oats, 1 Gallon, any variety

1226 - Soybeans, 1 Gallon any variety - Exhibit to consist of one gallon sample of seed, 2015 or 2016 project - variety must be named

1227 - Soybeans - bundle of 5 plants grown in 2017 - variety must be named

1228 - Forage Sorghum (10 stalks, any variety for stover or silage)

1229 - Alfalfa Seed, 1 Gallon any sample

1230 - Alfalfa - exhibit to consist of one flake or slice from a rectangular bale or a 10 inch section cut from a round bale. The flake or slice should be approximately 6 inches in thickness and tied in two directions.

1231 - Grass, 1 gallon sample of seed. Seed of different grass species will be judged separately.

1232 - Corn, ten ears exhibit, white

1233 - Corn, ten ears exhibit, yellow (Corn to be shown at a special date).

1234 - Sorghums, ten head exhibit, hybrids (Sorghums to be shown at a special date.)

1235 - Sunflowers - Confectionery heads - 3 heads must be submitted

1236 - Sunflowers - Confectionery seeds in jar - 1 gallon jar must be submitted

1237 - Sunflowers - Oil seed heads - 3 heads must be submitted

1238 - Sunflowers - Oil seeds in jar - 1 gallon jar must be submitted

1239—Wheat Variety Plot Displays

The freestanding displays must not exceed the overall dimensions of 36" wide x 36" high x 18" deep (measured on the outside). Care should be taken to select durable materials that will withstand fair conditions. Displays must not require the use of electricity. If booth exceeds overall dimensions, ribbon placing will be dropped one place.

1. Any display receiving a blue or a purple at the county level is eligible to enter the Kansas State Fair. The entry must be made via the 4-H KS Fair online entry system by August 15.
2. These displays will have been planned and prepared by 4-H members enrolled in the wheat variety plot project.
3. Members must include the varieties provided in the display, but may include more varieties, if desired.
4. Wheat Variety plot displays must set up and be in place by 12:00 on Wednesday of the County Fair.

Basis for Awards:

I. Educational Value—70% Is the main idea of the display specific? Was the title or theme emphasized? Is the idea presented so clearly, so simply, so forcefully, that it will stop the casual observer? If the passerby stopped, did the display give the observer additional facts a clear, concise way? For example, varieties difference in wheat, economic gains from adoption of desirable practices, etc.

II. Quality of Display Material—30%

Size, style and neatness of lettering, proportion of models and lettering balanced, workmanship, including handouts, if used, charts, models and lettering used effectively to teach ideas, colorful, artistic, neat and well balanced.

1240—Weed Control Exhibit—consists of the 4 items below:

1. Collect, identify, press, mount, and label a minimum of 15 weeds. Try to include their roots, stems, leaves and flowers. Three of the weeds must be noxious weeds preferable found in your home county. A standard 9"x12" scrapbook may be obtained in which to permanently mount your weed specimens. Identify the scrapbook with your name and county on the inside front cover.
2. Prepare a list of the weeds mounted, showing common name, scientific name, and where it was found. Place the list in a specially identified section of the scrapbook.
3. Collect and identify weed seeds found in crop seeds. Mount them for display purposes. Place them in a specially identified section of the scrapbook.
4. Write a story on "How We Control Weeds on Our Farm" if you live on a farm. Other members write "How We Control Weeds at Home". The story should be about 300 words in length. It must show definite methods used to control weeds. Place the story in a specially identified section of the scrapbook.

Basis for Awards:

Mounted weed collection: number of mounted specimens, completeness of individual mounts, correctness of identification and information, and neatness, include record sheet of weeds.

- I. Records.....50%
- II. Weed seed collection and exhibit.....30%
- III. Story: "How We Control Weeds.....20%

FLOWERS

1. Each exhibitor is limited to 2 entries per class.
2. All exhibits in the Flower division must be grown in the current year. Plants must have been in possession of the exhibitor for at least 60 days, with exception of plant material for floral arrangements.
3. All specimens MUST be entered in clear glass containers, bottles, bud vases or fruit jars of appropriate size.

CLASS*

1244 - Garden flower, single stem, annual

1245 - Garden flower, single stem, perennial

1246 - Cut Flower arrangement (any size & color vase may be used for this class to accentuate the arrangement)

1247 - Flower arrangement, dried plant material, no fabric or plastic material.

1248 - Flower arrangement, seasonal/holiday themed

1249 - Potted container—Up to 10 varieties; planted by exhibitor in container of choice. Please submit notecard listing varieties used and why. (no pre planted purchased containers may be exhibited/entered)

1250 - Most unusual potted container - Creative use of an object as a potted container. May include but not limited to farm implements, discarded kitchen bowls, old boots, hollowed out tree stump, etc. Planted by exhibitor. Please submit notecard listing plant varieties and why they were selected.

1251 - Houseplant, foliage or flowering

*NOTE: Some classes in the flower division may not be state fair eligible. Please check State Fair Book (at Extension Office or online) for division & class information.

1252- Fairy Garden



4-H SHOOTING SPORTS

Superintendent
Shawn Collins
Lola Waters
Jr. Superintendent
Greyson Collins
Matthew Waters

1. Read General Rules & Regulations.
2. A 4-H member may enter a poster or an educational display, but not both.
3. Only 4-H members who have been through the safety training are allowed to participate in the county fair shotgun shoot.
4. Exhibits in this division are open to educational or creative displays. Follow copyright laws as explained in the General Rules as you are preparing your exhibit.
5. Take care to select durable materials to withstand county fair conditions. The exhibit display must not exceed a standard tri-fold display, header optional.
6. Posters must not exceed a standard 22 x 28 poster board.
7. EXHIBITORS MUST COMPLY WITH STATE AND FEDERAL LAWS AND COUNTY FAIR MANAGEMENT POLICIES. No "live" ammunition containing propellant or explosive powders may be used in any display! Artistic substitutes must be used in lieu of powder and "live" ammunition, label artistic substitutes on back for clarification. Please remember that the County fair is not liable for the loss or damage of any personal property included as part of your display.
8. Name, county, age and year in project should be in a prominent location on the exhibit.
9. Exhibits will not be accepted if they are related to reloads.

10. Displays will be judged on the following points:

Stopping Power -----	15
Interest, Holding Power -----	15
4-H Project application -----	15
Mechanical Power -----	15
Personal Growth -----	25
Educational Value -----	25

TOTAL 100 points

11. Posters will be judged on the following points:

Stopping Power -----	30
Interest, Holding Power -----	30
4-H Project application -----	25
Mechanical Power -----	15

TOTAL 100 points

Class

1254 - Educational Display - Must be directly related to the shooting sports project (standard tri-fold boards only, no larger than 3'x4')

1255 - Promotional Poster - Must promote 4-H Shooting Sports (Flat poster no larger than 22"x30")

1256 - Shotgun Shoot - To take place at the Stafford Gun Club, 7:00 p.m. Sunday, July 9th.

AWARDS:

Grand Champion Shooting Sports Trophy in each age division:

- Junior, Intermediate & Senior
- Sponsored by Jim & Betty Sellers - Stafford, KS
- Sponsored by Shawn & Amy Collins, St. John, KS
- Sponsored by Stafford Co. 4-H Council