3111 Sunflowers – Oil seeds in jar – submit 1 gallon jar
3112 Oats – one gallon sample. Variety must be named.
3113 Barley – one gallon sample. Variety must be named.
3114 Alfalfa – one gallon sample seed. Variety must be named.
3115 Alfalfa – ten inch flake or slice, 6 inches thick and tied in two directions. Variety must be named.
3116 Grass Hay – ten inch flake or slice, 6 inches thick and tied in two directions. Variety must be named.
3117 Brome grass – one gallon sample seed
3118 Other tame grasses – one gallon sample seed
3119 Soybeans – one gallon sample seed from most recent harvest. Variety must be named.
3120 Soybeans – bundle of five plants from most recent harvest. Variety must be named
3121 Edible field beans – one gallon sample seed most recent harvest.
3122 Edible field beans – bundle of five plants (with roots intact) from most recent harvest.
3123 Miscellaneous Crops – one gallon sample of seed from current crop.
3124 Wheat Plot Educational Booth
3125 Weed Control Exhibit

Open Class

For all classes, refer to 4-H class descriptions.
3130 Field Corn - White
3131 Field Corn - Yellow
3132 Hybrid grain sorghum
3133 Hybrid forage sorghum
3134 Other forage sorghum
3135 Hard winter wheat
3136 Sunflowers: Confectionery heads
3137 Sunflowers: Confectionery seeds
3138 Sunflowers: Oil seed heads
3139 Sunflowers: Oil seeds in a jar
3140 Oats
3141 Barley
3142 Alfalfa

Plant Science: Forestry
Judging Saturday, July 24; 8:00 a.m.

1. Follow the general guidelines listed in the current Kansas State Fair Book.
2. Exhibits can include non-native specimens in addition to the required native Kansas tree specimens.
3. For the Forestry Collections, you will choose either A or B option.
4. Entries may be in decorative containers or in disposable containers.
5. Open Class

A. Exhibit a min. of 10 different leaves from native KS trees collected within the year.
B. Exhibit a min. of 5 native KS trees showing leaf, twig and fruit from each species collected.

Forestry Collection II:
A. Exhibit a min. of 20 different leaves (including 10 new specimens) from native KS trees.
B. Exhibit a min. of 10 native KS trees showing leaf, twig and fruit from each species collected. This exhibit must include 5 new leaf, twig and fruit specimens.

Forestry Collection III:
A. Exhibit a min. of 30 different leaves (including 10 new specimens) from native KS trees.
B. Exhibit a min. of 15 native KS trees showing leaf, twig and fruit from each species collected. This exhibit must include 5 new leaf, twig and fruit specimens.

Forestry Collection IV:
A. Exhibit a min. of 40 different leaves (including 20 new specimens) from native KS trees.
B. Exhibit a min. of 20 native KS trees showing leaf, twig and fruit from each species collected. This exhibit must include 10 new leaf, twig and fruit specimens.

How A Tree Grows: Entry may include a notebook with a min. of 10 seeds collected with pictures showing a germination study or a mounting of a thin section of wood cut from the end of a log or top of stump labeled with information such as kind of wood and age of tree when cut or exhibit an illustration of a how a tree grows.

Tree Appreciation: Entry may include a research notebook with a max. of 10 pages based on the exhibitor’s selected tree. Exhibit must be different species of tree each year. This notebook may include sketches, drawings, pictures, story, or any other things which will help tell us about the tree you selected.

Growing and Protecting Trees: Entry requires a display notebook, telling about project and pictures before, during, & after planting seedlings, a container tree, or a balled and burlapped tree. Max tri-fold size is 3’ x 4’.

Tree Culture: Entry requires a display or project notebook, showing your project work and includes pictures of before, during, & after woodlot improvement. Max tri-fold size is 3’ x 4’

How Forests Serve Us: Entry may include collected wood samples (all or partial) and 2 page essay. Wood sample display to be mounted on poster board or any stiff material no larger than 3’ x 4’ tri-fold. Essay should be displayed in a covered binder.

Educational/Creative Exhibit: Entry must be directly related to tree identification or Forestry. Type of exhibit is open (notebook, poster, collection box, etc.) given a max tri-fold size of 3’ x 4’. Care should be taken to use durable materials. This is a good class to exhibit an unusual collection.

Plant Science: Horticulture
Judging Saturday, July 24; 8:00 a.m.

1. Limit 6 entries per floral and produce items per person, max of 12 entries.
2. Refer to Rules & Regs on pages 4-6.
3. Information about exhibiting flowers and produce can be found online: “Preparing Cut Flowers for Exhibit” publication 4H826 and “Exhibiting Fruits & Vegetables” publication 4C05.
4. Entries may be in decorative containers or in disposable containers.