

DEPARTMENT – BUILDING EXHIBITS

SECTION - 4-H FORESTRY

(Must be enrolled in the Plant Science Project)

SPECIAL RULES

1. Read General Rules. Violation of any of the following rules may result in disqualification. All decisions will be made by a county agent and their decision is final.
2. All leaf exhibits (except class Growing and Protecting Trees Display) are to be mounted on 8½" x 11" heavy stock paper and placed in loose leaf binders. (Magnetic or adhesive filler sheets for photo prints or sheet protectors are recommended.) Twigs and fruit collections may be exhibited in whatever manner you choose (maximum tri fold size 3' x 4'). Resources for this project are located on the Kansas 4-H forestry project page at <https://www.kansas4-h.org/projects/plant-environmental-science/forestry/>.
3. Name, club, age and year in project must be on front cover or in a prominent location.
4. Leaves must be identified with an appropriate label located near the leaf on the same page. These labels must include (1) the proper common name as listed in 4-H334, "List of Native Kansas Forest Trees"; " (https://www.bookstore.ksre.ksu.edu/pubs/native-kansas-forest-trees_4H334.pdf); (2) Scientific Name (Optional in 2025 and required in 2026) (3) Location (city and or county) where collected; and (4) date (day, month, year) or (month, day, year) collected.
5. Forester enrolled in Self Determined can exhibit in Self Determined Forestry at the State Fair.
6. Divide specimens into the following two sections: Native Kansas Trees and Non-Native Trees.
7. New specimens are those specimens collected during the current 4-H year and cannot be a duplicate tree species of previously displayed specimens.
8. Group specimens according to the years collected (ex. "old-previous years" and "new")
9. Variations of varieties do not count as different species or specimens.
10. When replacing previously displayed samples, the specimen label must be updated. Replacements do not count as new specimens. Replacements must be displayed in the "old-previous" section of the display.
11. If you retrieve information for your forestry exhibit, you must include a reference citation to the source.
12. In all leaf collections, exhibit one complete leaf where possible. If leaf is too large, exhibit as much as possible. Sketch I educed scale the entire leaf and illustrate where exhibited portion is from. Note: a "leaflet" is incorrect when displayed as the complete leaf for the tree.
13. All work must show originality. Leaf collections and displays should not closely resemble work done by others in the same club.
14. For ideas in collecting and mounting, see the guide posted on the K-State 4-H Forestry project page (<https://4h.okstate.edu/projects/environmental-science/site-files/docs/forestry/2022-collecting-and-exhibiting-tree-leaves.pdf>).

CLASSES - 5100: Beginning

(Choose A or B)

- A. Exhibit a minimum of 10 different leaves from native Kansas trees collected within the year. Exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees.
- B. Exhibit a minimum of 5 native Kansas trees showing leaf, twig and fruit from each species collected.

5101: Intermediate

(Choose A or B)

- A. Exhibit a minimum of 20 different leaves (including 10 new specimens) from native

Kansas trees. Exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees.

- B. Exhibit a minimum of 10 native Kansas trees showing leaf, twig and fruit from each species collected. This exhibit must include 5 new leaf, twig and fruit specimens.

5102: Senior

(Choose A or B)

- A. Exhibit a minimum of 30 different leaves (including 10 new specimens) from native Kansas trees. Exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees.
- B. Exhibit a minimum of 15 native Kansas trees showing leaf, twig and fruit from each species collected. This exhibit must include 5 new leaf, twig and fruit specimens.

5103: Advanced

(Choose A or B)

- A. Exhibit a minimum of 40 different leaves (including at least 20 new specimens) from native Kansas trees. Exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees.
- B. Exhibit a minimum of 20 native Kansas trees showing leaf, twig and fruit from each species collected. This exhibit must include 10 new leaf, twig and fruit specimens.

5104: How A Tree Grows

Entry may include a project notebook with 10 or more seeds collected with pictures showing germination study **OR** a mounting of a thin section of wood cut from the end of a log or top of a stump labeled with information such as kind of wood and age of the tree when cut or exhibits an illustration of how a tree grows.

5105: Tree Appreciation Display

Entry may include a research or reporting project notebook with no more than 10 pages based on the exhibitor's selected tree. Exhibit must be a different species of tree each year. This notebook may include sketches, drawings, pictures, a story, or any other things which will help tell about the tree you have selected. Junior Forestry record (P-1089) is the reference manual for this project.

5106: Growing and Protecting Trees Display

Entry requires project notebook or display telling about project and pictures before, during, and after planting seedlings, a container tree, or a balled and burlapped tree. Maximum tri-fold size is 3'x4'

5107: Tree Culture Display

Entry requires a display or project notebook showing your project work and includes pictures of before, during and after wood lot improvement. Maximum tri-fold size is 3'x4'.

5108: How Forests Serve Us Display

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' wide x 4' tri-fold. Essay should be displayed in a covered binder.

5109: Educational/Creative Exhibit Display

Entry must be directly related to tree identification or Forestry. Type of exhibit is open (notebook, poster, collection box, etc.) given a maximum size of 3' x 4'. Care should be taken to use durable materials that will withstand Fair conditions. This is a good class to exhibit an unusual collection.

