FORESTRY
Superintendent: Cowley County Master Gardeners

1. Read “General Rules”.
2. Forestry projects will check in with Field Crops and Horticulture/Floriculture Department on Thursday, July 29.
3. Each member may enter up to two exhibits in 4-H Forestry but only one entry per class. Participants can exhibit in a collection phase and one other class, 5104-5109, or they may exhibit in any two non-collection classes, 5104-5109.
4. All leaf exhibits are to be mounted on 8½” x 11” heavy stock paper and placed in loose leaf binders. (Magnetic or adhesive filler sheets for photographic prints or sheet protectors are recommended.) Twigs and fruit collections may be exhibited in whatever manner you choose. Maximum tri fold size is 3’ x 4’. Resources for exhibiting are located on the Kansas 4-H forestry project page: https://www.kansas4-h.org/projects/agriculture-and-natural-resources/plant-sciences/forestry.html
5. Name, club, age, and year in project should be on front cover or in a prominent location.
6. Leaves should be identified with an appropriate label located near the leaf on the same page. These labels should include (1) The proper common name as listed in the 4H334, “List of Native Kansas Forest Trees”(https://www.bookstore.ksre.ksu.edu/pubs/4H334.pdf); (2)Location (city and/or county) where collected; and (3) date (day, month, year) collected.
7. Intermediate Forester. Exhibit only in phase(s) enrolled.
8. Senior Forester enrolled in Self Determined can exhibit in Self Determined Forestry at the State Fair.
10. New specimens are those specimens collected during the current 4-H year and cannot be a duplicate tree species of previously displayed specimens.
11. Group specimens according to the years collected (ex. “old-previous years” and “new”).
12. Variations of varieties do not count as different species or specimens.
13. When replacing previously displayed samples, due to degradation, improper mounting or incorrect identification, the specimen label must also be updated. Replacements do not count as new specimens. Replacements should be displayed in the “old previous” section of the display.
14. If you retrieve information for your forestry exhibit, you must include a reference citation to the source.
15. In all leaf collections, exhibit one complete leaf where possible. If leaf is too large, exhibit as much as possible. Sketch in reduced scale the entire leaf and illustrate where the exhibited portion is from. Note: A “leaflet” is incorrect when displayed as the complete leaf for the tree.
16. All work must show originality. Leaf collections and displays should not closely resemble work done by others in the same club.
17. Exhibitors must participate in Conference Judging during the scheduled time. If exhibitors do not participate, they will be docked one ribbon placing, and the corresponding premium.

Knowing Trees as Individuals (Leaf Collections**)
Class - 5100
Forestry Collection: (Choose either A or B) Only those exhibiting at the state fair for the first year may enter this class.

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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.

Class - 5101  Forestry Collection: (Choose either A or B) This class is open to those exhibiting either for the first or second time at the state fair.
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.

Class - 5102  Forestry Collection: (Choose either A or B) This class is open to those exhibiting either for the third or fourth time at the state fair.
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.

Class - 5103  Forestry Collection: (Choose either A or B) This class is open to those exhibiting the fifth time or more at the state fair.
A. Exhibit a minimum of 40 different leaves (including 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.

How A Tree Grows

Class - 5104  Notebook: Entry may include a project notebook with 10 or more 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 exhibits an illustration of how a tree grows.

Tree Appreciation

Class - 5105  Notebook: 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.

Growing and Protecting Trees

Class - 5106  Display/Notebook: Entry requires a display, or project notebook, telling about project and pictures before, during, & after planting seedlings, a container tree, or a balled and burlapped tree. Maximum tri-fold size is 3’ x 4’.
Tree Culture
Class - 5107  Display/Notebook: 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’ x 4’.

How Forests Serve Us
Class - 5108  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 a 3’ x 4’ tri-fold. Essay should be displayed in a covered binder.

Educational/Creative Exhibit
Class - 5109  Entry must be directly related to tree identification or Forestry. Type of exhibit is open (notebook, poster, collection box, etc.) given a maximum tri-fold size of 3’ x 4’. Care should be taken to use durable materials that will withstand State Fair conditions. This is a good class to exhibit an unusual collection.

FORESTRY PREMIUMS

<table>
<thead>
<tr>
<th>Champion</th>
<th>Ribbon</th>
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<tbody>
<tr>
<td>Reserve Champion</td>
<td>Ribbon</td>
</tr>
<tr>
<td>Purple/Blue</td>
<td>$2.00</td>
</tr>
<tr>
<td>Red</td>
<td>$1.50</td>
</tr>
<tr>
<td>White</td>
<td>$1.00</td>
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SPECIAL AWARDS
Cowley County 4-H Council will sponsor awards for each Champion and Reserve Champion. Funding for these awards is generated by proceeds from the 4-H Food Sale and Auction.