

Environmental & Earth Science (Forestry) Department D

Superintendent – Lori Walla
Jr. Superintendent – Alyssa Dye

General Information

4-Hers are limited to five (5) exhibits per project in the project area.

The official reference for all forestry projects is The Tree Identification Manual (4-H 332). Other helpful forestry references include Trees of Nebraska (EC 92-1774-X), Leafing Out (4-H431) and Plant a Tree (EC 17-11-80).

Display "boards" must be made from wood or wood composite, i.e., plywood, fiberboard, or masonite ¼" to ½" thick and no larger than 24" x 24". Display Boards may be coated, i.e., painted or varnished on both sides to prevent warping.

Display "posters" must be made from a material i.e., foam board or poster board, that will stand upright without buckling, and be no longer than 24" x 24".

Display "books" must measure no more than 16" x 16".

At least 5 of the 10 samples in D320002-D320004 and D320006. Exhibits must be from the list of 60 species described in 4-H 332 Exhibits must be from the list of 60 species described in 4-H 332. If more than 10 samples are included in a display, only the first 10 samples of the current year will be judged. All samples must be from trees, NO shrubs. The 10 samples to be judged must be from 10 different species, e.g. Emerald Queen Maple and Crimson King Maple are both Norway Maples.

Remember that other general labeling standards apply, i.e. scientific names are always italicized or underlined. When required, always indicate complete scientific names and common names, even when "variety names" are included. For example, the scientific name of Emerald Queen Maple is *Acer platanoides* and the common name is Norway maple. "Emerald Queen" may be included as the variety name, but variety names are not required.

Division D320, Forestry Classes

Refer to the Tree Identification Manual (4-H 332) for detailed instructions of all forestry projects (except "Living Tree Display" described below). Leaf Print Display and Champion Tree Display were both deleted in 2008.

D320001* Design-Your-Own Exhibit

D320002* Leaf Display

D320003* Twig Display

D320004* Seed and Fruit Display

D320006* Wood Identification Display

D320008* Cross Section of a Tree - The diagram in the Tree Identification Manual (4-H 332, page 8) is incorrect. Please consult Trees of Nebraska (EC92-1774-x) or other references or contact the Superintendent for correct labeling information.

D320009* Parts of a Tree

D320010* Living Tree Display - A live tree seedling, 60 days to 2 years old (on State Fair judging day), grown from seed in the display container by the exhibitor. The container must have drainage holes, a drain pan to catch drainage water, and contain at least 8" of soil. Soil should be a potting mix or natural soil high in organic matter. The waterproof container must include the tree's common name, scientific name (underlined), date of planting, seed treatments (if any), date of emergence, and exhibitor's name. Supporting information, such as where the seed was collected, growth measurements, uses for that species, etc. may be included on the label or in an attached notebook, poster, etc. Supporting information will be an important factor in judging.

D320099 Other Forestry Exhibit – Not eligible for State Fair or County Fair Division Awards. Must meet guidelines stated in project manual.