

PLANTS & OTHER SCIENCES

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All entries must be pre-entered at the York County Extension Office by July 15. All Plant Science exhibits will be interviewed and judged on Wednesday, August 5. Contact the extension office by Friday July 31 for an interview appointment.

* denotes those entries which are not eligible for State Fair

DEPARTMENT D RANGE MANAGEMENT

GENERAL INFORMATION

Individuals in Reading the Range Unit 1 may exhibit in Classes 1-5, and 8. Individuals in the Using Nebraska's Range (Unit II) project may exhibit in Classes 1-8. Refer to EC 170 and EC 118 for plant identification.

Each exhibit must be properly identified with Unit and Class. Exhibits will be judged based on completeness of plant mount, accuracy of identification, label, neatness and conformation to project requirements. All plant displays and display covers must be the result of the current year's work.

Lists of appropriate plants in each category (grasses, forbs, shrubs and grass-like plants) can be found in Range Judging Handbook for Nebraska (EC98-150-F), Common Grasses of Nebraska (EC 05-170), and Nebraska Range/Pasture Forbs and Shrubs (EC 118).

Plants must be mounted on sheets that are 11" wide x 14" high. Plants should be glued rather than taped and the mounts should be protected with a clear cover. Proper plant mount should include root as well as stem and leaf tissue. Each completed mount must have a 3" x 5" cardstock label glued flush in the lower right corner of the mounting sheet.

The label (see example below) should include the following information: 1) Scientific name (in italic or underlined), with authority; 2) Common name; 3) County of collection; 4) Collection date; 5) Collector's name; 6) Collection number; 7) Other information, depending on class selected, i.e. grazing response,

longevity, season of growth, origin, life form. This information should be typed or printed very neatly.

PLANTS OF NEBRASKA
Scientific name: Schizachyrium scoparium
(Michx.) Nash
Common name: Little bluestem
County of collection: Lancaster County
Collection date: 6 September 2002
Collector's name: Joe Smith
Collection number: 3
Life cycle: decreaser

Pay Category 200

Division 330 – Range Management

- D330001 Grazing Response - the collection will include 4 decreasers; 4 increasers and 4 invaders.
- D330002 Longevity - a collection of 6 perennial plants and 6 annual plants selected from grasses or forbs.
- D330003 Season of Growth - a collection including 6 cool season & 6 warm season grasses.
- D330004 Origin - a collection of 6 native range grasses and 6 introduced grasses. Introduced grasses are not from North America and often used to seed pastures.
- D330005 Life Form - a collection of 3 grasses, 3 forbs, 3 grass like and 3 shrubs.
- D330006 Range Plant Board - will include 25 range forage species important to a particular county. The display board should be hinged in the middle, (total open length is 60" and height is 36"). This display should be adequately labeled. Judging will be based on originality, neatness, accuracy, and conformation to project requirements.
- D330007 Special Study Exhibit - a display of the results of a clipping study, a degree of use study or a range site study. The boards in this class should be 30" x 36" or if hinged in the middle, may be 60" x 36". The display should be adequately labeled. Judging will be based on originality, neatness, accuracy, and conformation to project requirements.
- D330008 Junior Rancher Exhibit - Include a ranch map with record book or an appropriate educational display on some phase of range

land or livestock management. The overall size of the exhibit should not be larger than 30" wide and 36" high.