

DEPARTMENT W

4-H FLORICULTURE, HORTICULTURE, CROPS, VISUAL ARTS, MISCELLANEOUS & BICYCLE SHOW

1. Each exhibitor must be regularly enrolled in a Logan County 4-H Club before **March 1, 2009** in the respective project he or she is exhibiting. Entry blanks will be furnished for this department.
2. All projects must have been produced by the exhibitor during the current 4-H club year (Sept. 1, 2008 to August 2, 2009)
3. All entries must be made in person at the county Extension Office by **Tuesday, June 30, 2009** at 4:30 p.m. (Daylight Savings Time)
4. * **Indicates class at Illinois State Fair.** The appropriate judge will make decisions. If there are blue award projects, the judge will select a State Fair delegate, first alternate, second alternate if deemed worthy. (**State Fair delegates** should check in on **Monday, Aug 3 from 3 – 4 pm in the Dept. W Flower Building** or at the **4-H office from 10 – 12 Noon, Tuesday, Aug 4**) (**Alternates** to State Fair should check in at the **4-H Office from 12 Noon – 1 pm on Tuesday, Aug 4** to see if they are able to go on to state.)
5. Vegetable entries in open class must be a separate entry from 4-H entry. Vegetables cannot be moved from one department to another.
6. Exhibits must be placed, ready to be judged by time indicated or before judging begins.

Bicycle Show 9:00 a.m., Saturday, May 30 (Fairgrounds)

Floriculture, Horticulture, Crops, and Miscellaneous projects will exhibit on **Monday, Aug 3** beginning at **9:00 a.m.** in the **Special Events Buildings (Logan County Fairgrounds)**. **AT 11:00 A.M. VISUAL ART NON-ORIGINAL PROJECTS JUDGING TIMES WILL BEGIN AND AT 1:00 P.M. THE VISUAL ARTS ORIGINAL PROJECTS JUDGING TIMES WILL BEGIN**

7. All Department W exhibits must be removed by exhibitor between **4:00 and 5:00 p.m., Sunday, August 9. Superintendents are not responsible for articles after 5:00 p.m., Sunday, August 9, 2009.** (There will be no early release of projects. Please make arrangements in advance with your area's superintendent if special situations occur requiring early release.)

8. Exhibitors in this department will not be required to pay an entry fee or purchase an exhibitor's ticket. If the exhibitor enters the open class, an exhibitor's ticket must be purchased.
9. Premium checks for Department W exhibits will be ready by the end of August.
10. If some question arises regarding the qualifications of an exhibitor, the local leader of the respective club will be asked to certify in writing the exhibitor's qualifications. This will be acted upon by the Youth Committee and their decision shall be final.
11. All entries in this department are subject to the General Rules (pages 1 & 2).
12. 4-H'ERS ARE RESPONSIBLE FOR ENTERING THEIR PROJECT IN THE RIGHT CLASSES BEFORE FAIR BECAUSE THERE WILL BE **NO** SWITCHING CLASSES ONCE SHOW DAY ARRIVES. CHECK REQUIREMENTS **BEFORE** SHOW DAY. NO MOVING PROJECTS. YOU WILL NOT BE ALLOWED TO SHOW IF YOU ENTERED IN THE WRONG CATEGORY.
13. Each exhibitor will be limited to one entry in each class unless otherwise specified.
14. Where the exhibit requires a notebook, the notebook must be a three-ring binder.
15. The 4-H'ers age (as of 9/1/08) and years in project must be indicated on the entry tag.
16. Judges will make comments during the conference judging process and after judging. 4-H members are encouraged to participate in conference judging.
17. Flower exhibits are to be kept fresh throughout the Fair by the 4-H'er.
18. If you do not follow the instruction in the Show Book for all Dept. W projects, your rating will be dropped one rating, and you will not be able to compete for State Fair selection or other awards.
19. Only 4-H'ers will be allowed in judging areas – no parents, leaders, etc. The 4-H member shall be the only one allowed to approach the judging table in all areas during judging procedures.
20. **CLOVER CHALLENGES** are available in MOST Dept. W exhibit areas. They are limited to 15-18 year olds who are enrolled in Clover Challenge for a specific project area. This can include anything not covered in a specific project book. The completed Illinois 4-H Clover Challenge Agreement must be presented with these exhibits.

HORTICULTURE SHOW

(Table-top displays should be limited to 2' wide and 15" deep and maximum poster size is 22" x 30")

FLORICULTURE/FLOWER GARDENING

(Two Floriculture entries will be selected for State Fair from W1, W11, & W12A – W12D)
(Classes W2 – W10 ARE NOT State Fair Eligible)

Monday, Aug 3 – 9:00 a.m.

Superintendents: Jason and Beth Steffens, Lincoln

Assistant Superintendents: Larry & Bette Steffens

1. Exhibitor is expected to follow all general Dept. W rules (see p. 17-18).
2. Each exhibitor will be limited to one entry in each class; flower entries are limited to **three total entries** per exhibitor in classes W-1 through W-9.
3. All Home Beautification exhibits are to be left for display. They may be picked up on **Sunday, August 9 between 4:00 – 5:00 p.m.**
4. Exhibits must be grown by exhibitor within the current 4-H year.
5. Scale of Points:

Cultural Perfection (color, form, substance, size, foliage & stem) . . .	85
Distinction of species or variety	5
Condition	10

Judging will be Conference Style. Exhibitor should know about watering, care of plant, starting of the seed or plant, and should be able to state whether the plant is a perennial or an annual.

***W-1 Annual Flowers/Flower Gardening** – exhibit in one container, 3 individual stems each with uniform bloom or blooms – each with attached foliage (foliage that would be inside the container may be removed). All three blooms or stems to be the same variety, color, shape, and size. Must have been grown from seed, young seedling plants, bulbs or rhizomes by exhibitor.

W-2 Perennial Flowers – one kind, 3 stems, uniform in size

W-3 Annual Flowers – collection of mixed annuals, at least 2 different kinds, 6 stems

W-4 Perennial Flowers – collection of mixed perennials, at least 2 different kinds, 6 stems

W-5 Flowering Shrubbery -- one kind, six stems

W-6 Dahlia, or any other bulbs other than gladioli, 3 stems alike, same variety & color

W-7 Gladiola – 3 stems alike, same variety and color

W-8 One Single Rose

W-9 Florabunda or Grandiflora, one stem

- W-10 House Plants** – exhibit one house plant (foliage or flowering) – in container OR a dish garden. Plant must be started from a seed, cutting or tuber and grown by exhibitor in the current 4-H year.
- *W-11 Horticulture Display** – (Size limit: 2' wide and 15" deep/maximum poster size is 22" x 30") Exhibit an experimental or educational display related to horticulture that does not fall into any of the other Horticulture classes. This could include **herb displays** as well as classes on vegetable, fruits, flower gardening, and houseplants. Include an explanation of the display for public understanding. (Including Clover Challenges)
- *W12A Floriculture Level A** – Exhibit one of the following options:
 Create a flower arrangement; either a round arrangement or a bud vase. All arrangements should fit into a space no larger than 2'x2'. **No silk flowers are permitted.**
OR
 Create a photo collage or a collection of pictures of flowers that you have raised. Label your flowers by name and tell if you started with a seed, cutting or transplants. Mount pictures on a poster board or mount board no larger than 22"x30".
- *W12B Floriculture Level B** – Exhibit one of the following options:
 Create an artistic display of dried flowers explaining how each was dried.
OR
 Create a photo collage or collection of pictures of plants from your theme garden. Label your plants by name and explain how the plants were chosen to fit the theme.
- *W12C Floriculture Level C** – Exhibit one of the following options:
 Create a terrarium. At least 2 of the plants should have been propagated by the exhibitor (seeds, cuttings, etc.).
OR
 Exhibit a plant that you propagated from cuttings. Create a photo board no larger than 11"x14": showing the progression of growth.
- *W12D Floriculture Level D** – Exhibit one of the following options:
 Create a centerpiece around a theme such as a wedding, holiday, birthday, etc. no larger than 2'x2'. **No silk flowers are permitted.**
OR
 Create an exhibit of forced bulbs in a pot no larger than 12"x12".

Home Floriculture Display: Doug Hobbs, Ag-Land, F.S., Inc.

Best Horticulture Display: Logan Co. Master Gardener's

Best of Show – Fresh Cut Flowers: Flowers & Things

Best House Plant: Lincoln Kiwanis

Best Annual – Bee's Floral & Landscaping

Best Perennial – Bee's Floral & Landscaping

VEGETABLE & FRUIT GARDENING

Monday, July 28 – 9:00 a.m.

(Three delegates may be selected for State Fair)

Superintendent: Jack Buckley

1. Exhibitor is expected to follow all general Dept. W rules (see p. 17-18).
2. One to one and one-half inch of top should be left on beets, carrots, and onions. Husk should be left on and not broken on sweet corn. No waxes or oils may be used on vegetables.
3. The two plates used for fruit/nut & vegetable exhibitors trophy will be placed on table for judging, then moved to proper classes by superintendents. The 4-H members fruit/nut plates & vegetables plates will be displayed together. For State Fair consideration, you must exhibit TWO plates (applies to both Vegetables & Fruit/Nut).
4. Vegetables should be prepared according to the **NEW** Illinois Vegetable Garden Guide website: <http://web.extension.uiuc.edu/vegguide/>. Waxes and oils may not be used on vegetables or fruits.
5. All vegetables displayed must have been grown by the 4-H'er as part of his or her current gardening 4-H project. Fruits and nuts must be grown or cared for by the exhibitor.

***W13 Vegetable Market Basket** – will be judged 70 percent on quality and condition, 20 percent on uniformity and 10 percent on decoration, neatness, attractiveness, and arrangement. Must be set up and arranged within ten (10) minutes by the 4-H member in front of the judge with no assistance

1. Basket must include 6 and not more than 12 different vegetables. There may not be more than 2 different varieties of any vegetable. For example, red and white potatoes would be classified as two different varieties. Acorn and zucchini would be classified as two different vegetables.
2. The number and type of vegetables used must conform to the Vegetable Plate/Basket list.
3. Basket must be labeled with the name and variety of all vegetables used.
4. The size of the display must not exceed a 2' wide by 2 ½' deep area.

***W-14 Vegetable Plate** – Each exhibitor will be limited to **two entries**. Do not need to specify at time of registration, but must complete entry tag (listing type of vegetable) prior to taking entry to 4-H show for display. Must include one single vegetable plate per entry (only one variety on each plate – i.e. If a 4-H member wants to exhibit carrots and beets, he or she will exhibit one plate of 5 carrots and one plate of 5 beets). Vegetables of different varieties may not be shown as separate plates (i.e. red and yellow onions).

***W-15 Fruit or Nut Plate** – Each exhibitor will be limited to **two entries**. Do not need to specify at time of registration, but must complete entry tag (listing type of fruit or nut) prior to taking entry to 4-H show for display. Must include one single fruit or nut plate per entry (only one variety on each plate). Fruits of different varieties may not be shown as separate plates. (i.e. red delicious and granny smith apples).

Vegetable Plate/Basket List

(Lists are provided by UI Extension Horticulturists; Items are listed according to the correct definition of vegetables and fruits)

Asparagus (5 spears)
Beans, Lima (12 pods)
Beans, Snap, Green Pod, or Golden Wax (12 pods)
Beets (5)
Broccoli (1 head)
Brussel Sprouts (12 sprouts)
Cabbage (1 head)
Cauliflower (1 head)
Carrots (5)
Cucumber, pickling or slicing (5)
Eggplant (1)
Garlic (5)
Greens (collard, endive, escarole, kale, mustard, Swiss Chard) (1 plant)
Horseradish Root (1 marketable root specimen harvested this year)
Kohlrabi (5)
Lettuce (1 head or plant)
Muskmelon incl. Canteloupe (1)
Okra (12)
Onions, green or set (12)
Onions, large, dry (5)
Parsnips (5)
Peas, (12 pods)
Peppers, large fruited (bell/banana) (5)
Peppers, small fruited (chili/cherry) (12)
Popcorn (5)
Potatoes (any variety) (5)
Pumpkin (1)
Rhubarb, trimmed stems (3)
Rutabaga (5)
Salsify (5)
Squash, winter (Acorn, butternut, buttercup, spaghetti, Hubbard, Turk's Turban) (1)
Squash, summer (any variety) (5)
Sweet Corn, in husks (5)
Tomatoes, slicing (5)
Tomatoes, small fruited (12)
Turnip (5)
Watermelon (1)

Fruit and Nut Plate List

(Lists are provided by UI Extension Horticulturists; Items are listed according to the correct definition of vegetables and fruits)

Apples and large crabapples (5)	Nuts (walnuts, hickory, pecan, filbert) (10)
Apricots (5)	Peaches and nectarines (5)
Blackberries (1 pint)	Pears (5)
Blueberries (1 pint)	Plums (5)
Cherries (1 pint)	Raspberries (1 pint)
Gooseberries/Currants (1 pint)	Strawberries (1 pint)
Grapes (3 clusters)	

PLANT & SOIL SCIENCES

(One entry may be selected for State Fair)

- *W16 It's More than Just Dirt, Book 1** – Prepare a display or poster that illustrates an activity from the project manual. The display should demonstrate an understanding of environmental and internal factors that affect plant growth. Include your project journal that documents activity recordkeeping requirements, answers activity questions, and details personal thoughts and ideas.
- *W17 Stems and Stamens, Book 2** – Prepare a display or poster that illustrates an activity from the project manual. The display should demonstrate an understanding of the composition of plants, the functions of individual plant parts, plant life cycles, and the many ways plants reproduce. Include your project journal that documents activity recordkeeping, answers activity questions, and details personal thoughts and idea.
- *W18 Sprouting Out and Growing Up, Book 3** – Prepare a display or poster that illustrates an activity from the project manual. The display should demonstrate an understanding of environmental and internal factors that affect plant growth. Include your project journal that documents activity recordkeeping requirements, answers activity questions, and details personal thoughts and ideas.

Top Market Basket Award: Julius Kasa

Vegetable Award Sponsor: Matt Boudeman, Ag-Land, F.S., Inc.

Fruit Award Sponsor: Lincoln Ag Center

Top Junior Fruit/Vegetable Exhibitor (8-10 yr old): In memory of Joe Gleason, Sr. by Wide-A-Wake 4-H

CROPS AND SOILS

Monday, Aug 3 – 9:00 a.m.

(Two crops entries will be selected for State Fair)

Superintendent: Jack Buckley

1. Exhibitor is expected to follow all general Dept. W rules (see p. 17-18).
2. Plants should be free of disease, insect injury and apparent nutrient deficiency.
3. All 4-H exhibits must be grown by the exhibitor in the current year.
4. **All exhibits must be placed by 9:00 a.m., Monday, Aug 3, 2009 where judging will take place, and must be removed from 4:00 – 5:00 p.m., Sunday, August 9, 2009**

- 23 -

Entry deadline for all 4-H Shows is **TUESDAY, JUNE 30, 2009!**

Division I – Crops

W-19 Division I Crops

Exhibit three of the following six experiences with required items from those three learning experiences. Label your experiences telling which ones you completed.

Learning Experience #1: Seed Germination Test

Take a picture of paper towels with seeds in place, but not rolled up, before starting germination test. Take a picture of seeds, on towels, after they have been germinated. Write a short story about what you learned. Complete the Germination Sheet.

➡ Total Exhibits: two pictures, short story, and germination sheet.

Learning Experience #2: Finding Out What's In a Seed

Cut up both a corn and a soybean seed. Mount each one on a piece of 8 ½ x 11" paper and label the seed parts. You should have lines pointing to the different seed parts.

➡ Total Exhibits: one piece of paper with seeds and labeled parts.

Learning Experience #11: Studying Competition

Collect 10 crop competitors (weeds) then press and dry them. Mount each one on a piece of 8 ½ x 11" paper. Properly identify them, and write that name in the lower right hand corner of the paper that they are mounted on.

➡ Total Exhibits: 10 properly identified weeds, each on a separate piece of 8 ½ x 11" paper.

Learning Experience #18a: Visiting a Grain Elevator

Write a short story about your visit to the grain elevator (or other agri-business trip that is approved).

➡ Total Exhibits: short story

Learning Experience #22: Describing Corn Uses in Your Home

Exhibit a list of 10 food items used in one day in your home that contain corn or have been fed corn. List the product, then the way corn was used in it. For example:

Soda pop – Corn Sweetener
Hamburger – Feed
Corn Bread – Ground Corn

➡ Total Exhibits: a list of 10 food items containing corn and how corn was used in the food.

Learning Experience #24: Serving Corn Dishes

Serve five corn dishes to your family. List the dishes, the recipe, and what form corn is used in preparing each dish. Each dish should be listed on it's own 8 ½ x 11" piece of paper.

➡ Total Exhibits: 5 pieces of 8 ½ x 11" paper. Each one will have the dish, recipe, and how corn was used in each one.

Division II – Crops

W-19A Corn

Exhibit requirements: Complete three of the following six Learning Experiences with required items from those three Learning Experiences.

Learning Experience #3: Selecting a Variety

Select three different varieties of seed corn and record the information from the tag that is attached and from the bag itself. Record information corresponding with page 7 of the Corn project manual. Show comparison of the three different varieties.

➡ Total Exhibits: 3 papers with above information and one paper showing differences (comparison) in the varieties.

Learning Experience#4: Growing Degree Days

Figure out how many growing degree days there are for a week's period (7 consecutive days) from: June 1 to July 10 – any one week period (7 consecutive days) may be used during this time period of June 1 to July 10. Formula to figure degree days is on page 8 of the Corn project manual. Short story telling what degree days are.

➡ Total Exhibits: 1 paper showing the one week's degree days, short story

Learning Experience #6: Soil Tilth

Complete the experiment with the clay & sawdust on page 14 & 15 of the Corn project manual

➡ Total Exhibits: 1 paper describing the results of the above experiment. One paper explaining how to improve the physical condition (tilth) of soil.

Learning Experience #9: Soil Test

Complete a soil test as described on page 18 of the Corn project manual.

➡ Total Exhibits: 1 completed soil test (one sample from every 3 to 4 acres). Show results as they are on page 18.

Learning Experience #17: Measure Corn Yields

Find the bushels per acre of #2 corn from a 5-acre soil section of a corn field by following the steps in the Corn project manual pages 29,30 & 31.

➡ Total Exhibits: 1 completed page showing bushels per acre of #2 corn from 5-acre section.

Learning Experience #25: Trace Corn

Complete the problem on page 39.

➡ Total Exhibits: 1 paper between 250-500 words explaining the different uses of corn as a feed.

W-19B Soybeans

Exhibit Requirements: Exhibit three of the following six Learning Experiences with required items from those three Learning Experiences.

Learning Experience #2: Regrowth of Damaged Seedlings

Complete the experiment from the Soybean project manual – pages 6 & 7. Plant 15 soybeans in a container, once the cotyledons (page 2 & 3) have spread apart & the epicotyl is exposed, cut 5 plants just below the cotyledons. Cut 5 others off just above the cotyledons. What is the difference during the next 7 to 10 days?

➡ Total Exhibits: 1 page showing results of experiment; on same page describe the regrowth of the plants that were cut above the cotyledons.

Learning Experience #13: Planting Depth

Complete the experiment on page 17.

➡ Total Exhibits: 1 page showing the results of the experiment, assuming that all fields are of equal soil quality – write on the same page as your experiment results, short story on “How deep should soybeans be planted?”

Learning Experience #21: Visit a Fertilizer Distributor

Complete the tour on page 23.

➡ Total Exhibits: Complete the 3 questions on page 23 and write down the fertilizer distributor you visited & the date you did so.

Learning Experience #23: Selecting Disease-Resistant Varieties

Complete the experiment on page 27.

➡ Total Exhibits: Complete all of the questions on pages 27 & 28 for this Learning Experience on paper.

Learning Experience #19: Soil Testing

Complete a soil test as explained on page 22.

➡ Total Exhibits: After receiving the results of the soil test, visit your Extension Adviser & complete on paper the fertilizer recommendation.

Learning Experience #39: Careers

Interview two career-oriented agency people using the questions on page 40 – Careers in Crops.

➡ Total Exhibits: 1 page short story answering questions 1, 3, 5, 7, 9, 11 & 13 (page 40) on the two people interviewed.

ALL CROPS EXHIBITED MUST HAVE BEEN GROWN AND CARED FOR BY THE EXHIBITOR AS PART OF THEIR CURRENT 4-H CROPS PROJECT.

- *W-20A **Corn** – 2 fresh plants of field corn, to be representative of member's 4-H project field (include a washed root system).
- *W-20B **Soybean** – 5 fresh soybean plants, to be representative of member's 4-H project field (include a washed root system).
- *W-20C **Small Grain** – gallon of small grain (oat, wheat, rye or barley) to be representative of member's 4-H project field.
- *W-20D **Crop Display** – display (limited to 2' wide x 15" deep or a poster size of 22" x 30") of experimental or educational project related to one experience from your project. Include explanation for public understanding.
- *W-21 **Clover Challenge – Crops** – contact 4-H office for specific requirement suggestions.

Best Crops Exhibit Sponsor: Atteberry Farms