

Garden

Project Leader: Pam Clements

Phone: 765-242-7905

Email: pcllem@att.net

PROJECT DESCRIPTION:

The gardening project introduces vegetable and herb gardening. The Gardening project is divided into four different levels:

Level A: 3rd and 4th grades- See Them Sprout (4-H-1037)

Level B: 5th and 6th grades- Let's Get Growing (4H -1038)

Level C: 7th- 9th grades- Take Your Pick (4H-1039)

Level D: 10th-12th grades-Growing Profits (4H-1040)

See 4-H 1041-W — Garden Helper's Guide and 4-H 970-W for additional information and exhibit preparation suggestions.

Poster Guidelines

1. Follow all General Poster Guidelines listed in front of rule book.
2. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the manner in which references are listed.
3. Pictures, graphics and artwork are encouraged.
4. Materials included in the poster need to be educational, both for the youth and the audience, and should demonstrate that the youth was able to take what he or she learned from their research (experiment, or on web, in library, etc.) and/or activities to create the poster.

Exhibit: All Levels

4-H 970-W (<https://www.extension.purdue.edu/extmedia/4H/4-H-970-W.pdf>) has been updated as of January 2016 with more specimens and new required numbers of specimens. Please carefully read these changes if you plan to exhibit at the State Fair. Follow your county Fair Rule Book for county exhibit guidelines.

I. Single Vegetable

May be selected from 4-H Garden Publication 4-H 970-W (updated yearly) or list in the State Fair Premium book. Maximum of 5 different exhibits per exhibitor. Single vegetable entries must be labeled with common name, Latin name, and variety of vegetable. The Latin names can be found in 4-H Garden Publication 4-H 970-W.

Example:

Green bean (*Phaseolus vulgaris*)

'Blue Lake 47 Bush'

Exhibits can be any five of the following

1. Beans - wax or green (20 pods), lima (large), lima (small), navy, or kidney, (1/2 pint)
2. Beets - with tops of approx. 1" or less (5)
3. Broccoli (1 head)
4. Cabbage - round type, pointed type, flat type, red type, Savoy type, Chinese type (1 head each)
5. Carrots - with tops approx. 1/2" or less (5)
6. Cauliflower (1 head)
7. Celery (1 bunch)
8. Corn - bicolor, sweet yellow, sweet white (5 ears)
9. Cucumbers - slicing, pickling, or dill (5)
10. Eggplant (1)
11. Kohlrabi (5)
12. Muskmelon - full slip, well netted (1)
13. Watermelon - ice box type; round - large type; long type (1)
14. Okra (5 pods)
15. Onions - white, yellow, red (5)
16. Parsnips - tops off (5)
17. Peppers - Bell type, Pimento type, Hungarian type, Chili type (5)
18. Popcorn – 5 ears
19. Pumpkin – other, sugar pie, table, canning or ornamental (1)
20. Squash – acorn, banana, buttercups, butternut, cozelle/similar varieties, crooknecks or similar varieties, cushaw, scallops, patty pans, straightnecks, table queen, turbans, zucchini, other small and large varieties not listed.
21. Tomatoes - red (canner), red (market), yellow or orange, pink or purple, roma or puree type (5); small preserving varieties (12)
22. Turnips (5)
23. Rutabaga (1)
24. Sweet Potatoes, all varieties (5)
25. Potatoes - white, long type (Kennebec), etc.; white, round type (Katahdin) etc.; white, oval type (Irish Cobbler), etc.; red (Norland, Triumph), etc.; russet (Haig, Norgold, Superior), etc. (5)

II. Garden Collection

1. three plates
2. four plates
3. five plates

In all three classes, vegetables are to be exhibited on paper plates and may include a display of not less than three garden flowers, grown in your own garden. Exhibitors may each exhibit one collection (3 or 4 or 5 plate garden collection) at State Fair. Garden collection entries should be labeled with common name, Latin name, and variety. Latin names can be found in 4-H Garden Publication 4-H 970-W.

III. Single Herb Exhibit

1. Can enter three single herbs (all edible types) that must be labeled with common and Latin names and

in pots 8" diameter maximum (maximum of three different pots).

2. Resource HO-28; 4-H 970-W.
3. For list of herbs acceptable for State Fair, see State Fair handbook, or 4-H 970W.
 - a. Basil, all types
 - b. Catnip, all types
 - c. Chamomile, all types
 - d. Chives, all types
 - e. Dill
 - f. Mint, all types
 - g. Oregano
 - h. Parsley, all types
 - i. Rosemary
 - j. Thyme, all types
 - k. Sage
 - l. Sweet Marjoram
 - m. Lavender

IV. Garden Education

One garden education exhibit per county.

Anyone can complete Section IV (Garden Education), but members enrolled in Levels C and D of the garden project SHOULD exhibit one of the following activities in addition to the Produce Exhibit (Section I, II and III)

1. Produce Options

- a. Exhibit four (4) plates containing two cultivars of two different kinds of vegetables in your garden. For example: display tomato Rutgers and tomato Roma on two plates and spinach Melody and America on two plates. Label the cultivars you exhibit.
- b. Label and exhibit three unusual vegetables (may or may not be discussed in your 4-H Garden Manual) you grew in your garden this year. If not listed in the vegetable display chart, check with your Extension office. For example: spaghetti squash, head lettuce, etc.

2. Poster Options

- a. Make a poster of five commonly found diseases in vegetable gardens, the damage caused by each, and the control options for each.
- b. Make a poster of five commonly found vegetable garden insects: beneficial (good guys) and/or injurious (bad guys), benefits or damage caused by each, and the related management practices (how to keep the beneficial, and how to control the injurious insects).
- c. Make a poster of a maximum of 10 pests (diseases, insects, weeds, and/or rodents) you found in your garden this year, damage caused, control measures used, and results.
- d. Make a poster explaining a computer garden program or mobile application.
- e. Make a poster showing a picture story of what you did in your garden this year. Example: how you planned, planted, and maintained your garden.
- f. Make a poster showing your financial record.

- g. Make a poster of pictures showing your experiences in hydroponics.
- h. Make a poster explaining various career options working with vegetables/herbs.
- i. Make a poster explaining types of pollinators and their importance in vegetable and fruit production.
- j. Make a poster that shows the different types of plant parts that are consumed by humans. Be sure to identify the fruit or vegetable and categorize it by root, stem, leaf, or flower.
- k. Make a poster that shows different storage methods for vegetables.
- l. Make a poster showing how to create a raised bed OR container vegetable garden.
- m. Make a poster discussing how herbs listed on the last page of 4-H Garden Publication 4-H 970-W are used and have been used throughout history. Be sure to include both culinary and medicinal uses as well as other unique uses, if any.
- n. Resources 4-H Garden Publication 4-H 970-W

STATE FAIR ENTRY: Three plates or three different vegetables; Four plates or four different vegetables; Five plates or five different vegetables; All single vegetables maybe exhibited; and One Educational Exhibit. Anyone enrolled in the Garden Project may exhibit at the state level.