

DEPARTMENT 14: PLANT AND SOIL SCIENCES

Superintendents:

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Tom Hooks

Field Crops

Rules:

Corn-each entry must be labeled with the name of the brand, hybrid, and day to maturity (RM). Entries without this information will be demoted one placing. Ear corn exhibits are judged on: ear type (uniformity of the ear, length, and diameter), quality, and maturity.

Containers will be provided for the ear corn exhibit.

Grain-each entry must be labeled with the name of the variety. Each exhibit must be one quart of grain in a one gallon Ziploc bag.

Small grains are judged on: appearance, maturity, and freedom from damage & debris.

Hay and balage/wrapped hay-each sample must be cured out at proper stage of maturity. Include name of variety, date cut, and stage of maturity when cut. Exhibits must be this year's crop.

Sheaf-must be 2 inches in diameter at upper band

Forage samples-are judged on: stage of maturity when harvested, leafiness, and fineness of stem, condition (free from mustiness, mold and heating) purity and freedom from weeds.

Pasture samples-all of the above and are also judged on height, density of strand and grass/legume combination

Collections-may be mounted in a scrapbook or on tagboard no larger than 8 ½ x 11 inches

Classes:

- | | |
|---|---|
| 1. Corn, 3 ears any variety, grades 3-5 | 14. Sheaf of oats |
| 2. Corn, 3 ears any variety, grades 6-8 | 15. Sheaf of wheat |
| 3. Corn, 3 ears any variety, grades 9-older | 16. Sheaf of barley |
| 4. Oats, any variety | 17. Corn stalk-1 stalk and no roots |
| 5. Barley, any variety | 18. Pasture sample, legume |
| 6. Wheat, any variety | 19. Pasture sample, grasses |
| 7. Soybean, any variety (can be previous year's crop) | 20. Collection of 15 weeds, properly pressed, mounted and labeled |
| 8. Shell corn, any variety | 21. Plant disease collection, specimens showing 5 different diseases, labeled |
| 9. Alfalfa, slice of bale in a clear plastic bag with handles | 22. Collection of 10 crop insects, mounted, and labeled |
| 10. Balage or wrapped hay (1 gallon Ziploc bag) | 23. Collection of 10 crop seeds, properly identified |
| 11. Haylage, 2 cups in a 1-gallon Ziploc bag | |
| 12. Corn silage, 2 cups in a 1-gallon Ziploc bag | |
| 13. Small grain silage, 2 cups in a 1-gallon Ziploc bag | |

Vegetables

Rules:

1. All entries must be home grown
2. The Fair Association reserves the right to dispose of any garden exhibits if spoilage occurs
3. Containers will be provided for vegetable exhibits
4. Vegetables are evaluated on: best market size and quality, uniform in shape, degree of maturity, properly cleaned and labeled, and free from insects, disease and defects

Classes Grades 3-5:

PREMIUMS: Blue \$2.00; Red \$1.75; White \$1.50; Yellow \$1.25

- | | |
|-----------------------------------|--|
| 1. Tomatoes, 3 red | 17. Pumpkin, any variety |
| 2. Tomatoes, 3 green | 18. Giant pumpkin, any variety |
| 3. Tomatoes, 3 cherry | 19. Any variety crazy vegetable |
| 4. Carrots-3 | 20. Scarecrow, must be free standing |
| 5. Beets-3 | 21. A pot of an herb you grew |
| 6. Dry onions, white or yellow-3 | 22. Display of germination |
| 7. Peppers, 3 sweet | 23. Display on the needs of plants |
| 8. Peppers, 3 hot | 24. Display on pollination |
| 9. Cucumbers, 3 slicing | 25. Poster on soil samples and test results |
| 10. Cucumbers, 3 pickling | 26. Poster on composting |
| 11. Cabbage, 1 head | 27. Poster of 5 commonly found diseases in vegetable gardens, listing the damage caused by each & control options for each |
| 12. Green or yellow beans-8 | 28. Poster of 10 pests found in your garden this year, listing damage caused, control measures you used and results |
| 13. Early potatoes-3 name variety | |
| 14. Late potatoes-3 name variety | |
| 15. Ornamental gourds, 3 | |
| 16. Apples-3 name variety | |

29. Other poster related to the gardening project

Classes Grades 6-8:

1. Tomatoes, 3 red
2. Tomatoes, 3 green
3. Tomatoes, 3 cherry
4. Carrots-3
5. Beets-3
6. Dry onions, white or yellow-3
7. Peppers, 3 sweet
8. Peppers, 3 hot
9. Cucumbers, 3 slicing
10. Cucumbers, 3 pickling
11. Cabbage, 1 head
12. Green or yellow beans-8
13. Early potatoes-3 name variety
14. Late potatoes-3 name variety
15. Ornamental gourds, 3
16. Apples-3 name variety
17. Pumpkin, any variety

Classes Grades 9-older:

1. Tomatoes, 3 red
2. Tomatoes, 3 green
3. Tomatoes, 3 cherry
4. Carrots-3
5. Beets-3
6. Dry onions, white or yellow-3
7. Peppers, 3 sweet
8. Peppers, 3 hot
9. Cucumbers, 3 slicing
10. Cucumbers, 3 pickling
11. Cabbage, 1 head
12. Green or yellow beans-8
13. Early potatoes-3 name variety
14. Late potatoes-3 name variety
15. Ornamental gourds, 3
16. Apples-3 name variety
17. Pumpkin, any variety

30. Mini pumpkins, 3 any variety

18. Giant pumpkin, any variety
19. Any variety crazy vegetable
20. Scarecrow, must be free standing
21. A pot of an herb you grew
22. Display of germination
23. Display on the needs of plants
24. Display on pollination
25. Poster on soil samples and test results
26. Poster on composting
27. Poster of 5 commonly found diseases in vegetable gardens, listing the damage caused by each & control options for each
28. Poster of 10 pests found in your garden this year, listing damage caused, control measures you used and results
29. Other poster related to the gardening project
30. Mini pumpkins, 3 any variety

18. Giant pumpkin, any variety
19. Any variety crazy vegetable
20. Scarecrow, must be free standing
21. A pot of an herb you grew
22. Display of germination
23. Display on the needs of plants
24. Display on pollination
25. Poster on soil samples and test results
26. Poster on composting
27. Poster of 5 commonly found diseases in vegetable gardens, listing the damage caused by each & control options for each
28. Poster of 10 pests found in your garden this year, listing damage caused, control measures you used and results
29. Other poster related to the gardening project
30. Mini pumpkins, 3 any variety

Garden Display

- Containers will be supplied. Each exhibitor will be limited to one entry from the same garden. The products from each entry must come from the exhibitor's own garden. All products must be fresh. Incomplete entries will be disqualified. Display must contain 6 different vegetables from this list

1 head broccoli
3 beets
1 head cabbage
1 eggplant
3 cucumbers
3 kohlrabi
1 head cauliflower
3 turnips
5 brussel sprouts
8 green or yellow beans

3 carrots
1 bunch celery
1 head kale
3 dry onions
1 rutabaga
1 small table squash
1 small pie pumpkin
3 ears ripe sweet corn
3 peppers (red or green not both)
3 red or green tomatoes

Classes:

PREMIUMS: Blue \$3.00; Red \$2.75; White \$2.50; Yellow \$2.25

1. Garden Display