

# DEPT. 14 - PLANT / SOIL SCIENCE

**Judging Day** - Wednesday of fair week

**Judging Location** - Youth Building

**Time** - 4:00 – 7:00 p.m.

**Additional Rules of Entry**

- Each entry must include description of how and when item was planted and a brief description of end result
- Descriptions should be on 3" x 5" cards. Entries without cards will be disqualified.

## CLASS A - CORN

**Additional Rules of Entry**

- Stalk corn to be judged on uniformity of ear, stalk and size
- Stalk corn to be exhibited with both roots and soil removed

<u>Lot No./Description</u>	<u>1<sup>st</sup></u>	<u>2<sup>nd</sup></u>	<u>3<sup>rd</sup></u>	<u>4<sup>th</sup></u>
1. Stalk corn (5 stalks)	\$3.00	\$2.75	\$2.50	\$2.25
2. Ear corn (5 ears from previous year)	\$3.00	\$2.75	\$2.50	\$2.25
3. Shelled corn (4 quarts from previous year)	\$3.00	\$2.75	\$2.50	\$2.25

## CLASS B - FORAGE CROPS

<u>Lot No./Description</u>	<u>1<sup>st</sup></u>	<u>2<sup>nd</sup></u>	<u>3<sup>rd</sup></u>	<u>4<sup>th</sup></u>
5. Hay, maximum 16x18x4 in. slice exhibited in plastic bag	\$3.00	\$2.75	\$2.50	\$2.25
6. Haylage (2 lbs.), exhibited in a resealable, plastic bag	\$3.00	\$2.75	\$2.50	\$2.25

## CLASS C - CROPS & GRAIN/SHEAF

**Additional Rules of Entry**

- Exhibit must be current year crop unless indicated otherwise
- All sheaves must be at least 3" in diameter at the middle and securely tied in three places; improperly prepared sheaves will be downgraded
- Department superintendent and judge reserve the right to disqualify any sheaves or threshed seed not thoroughly cured and dried, showing signs of disease or evidence of insect damage
- Variety must be named
- Grain to be exhibited in a re-sealable 2 Gallon plastic bag for presentation

<u>Lot No./Description</u>	<u>1<sup>st</sup></u>	<u>2<sup>nd</sup></u>	<u>3<sup>rd</sup></u>	<u>4<sup>th</sup></u>
10. Oats, 4 quarts	\$3.00	\$2.75	\$2.50	\$2.25
11. Spring or winter wheat, 4 quarts	\$3.00	\$2.75	\$2.50	\$2.25
12. Barley, 4 quarts	\$3.00	\$2.75	\$2.50	\$2.25
13. Soybean grain, 4 quarts from previous year	\$3.00	\$2.75	\$2.50	\$2.25
14. Alfalfa, sheaf, cured	\$3.00	\$2.75	\$2.50	\$2.25
15. Red clover, sheaf, cured	\$3.00	\$2.75	\$2.50	\$2.25
16. Oats, sheaf	\$3.00	\$2.75	\$2.50	\$2.25
17. Barley, sheaf	\$3.00	\$2.75	\$2.50	\$2.25
18. Wheat, sheaf	\$3.00	\$2.75	\$2.50	\$2.25
19. Soybean hay sheaf, cured	\$3.00	\$2.75	\$2.50	\$2.25
20. Rye, 4 quarts	\$3.00	\$2.75	\$2.50	\$2.25
21. Rye, Sheaf	\$3.00	\$2.75	\$2.50	\$2.25

## CLASS D - EDUCATIONAL EXHIBITS

<u>Lot No./Description</u>	<u>1<sup>st</sup></u>	<u>2<sup>nd</sup></u>	<u>3<sup>rd</sup></u>	<u>4<sup>th</sup></u>
25. Collections of 10 problem weeds found in cropland while scouting. Weeds should be pressed, mounted and labeled with common name, date collected and crop it was found in	\$3.00	\$2.75	\$2.50	\$2.25
26. Collection of 3 crop diseases found on crops while scouting. Label with crop, disease and date	\$3.00	\$2.75	\$2.50	\$2.25
27. Collection of 10 harmful insects found on cropland while scouting. Mount in box and label each insect, date collected and host crop it was found on. Larvae should be displayed in a vial of alcohol; adult can be mounted.	\$3.00	\$2.75	\$2.50	\$2.25
28. Any other crop exhibit	\$3.00	\$2.75	\$2.50	\$2.25

## CLASS E - VEGETABLES

### Additional Rules of Entry

- Awards are based on uniformity of exhibit; each specimen should be similar in size and shape and texture. Average size is preferable as to extra large or small. Each specimen should be fresh, firm, and free from blemish.
- The fair will furnish containers
- Entries not following the lot specifications will be disqualified
- No cherry tomatoes allowed and onions must be dried

### Vegetables for lots 40 and 41

4 carrots	1 acorn squash	4 slicing cucumbers	3 kohlrabis
4 beets	1 pie pumpkin	10 pods of green beans, fresh only	3 gourds
4 beets, pickling size	1-pint brussel sprouts	10 pods of wax beans, fresh only	1 head lettuce
4 ripe tomatoes	3 green peppers	1 head or bunch broccoli	1 winter squash
1 zucchini squash	3 red peppers	4 dill pickles (3-4 inches)	1 rutabaga
1 head green cabbage	3 yellow peppers	1 any other winter squash	3 hot peppers
1 head red cabbage	1 carving pumpkin	1 any other summer squash	4 dry onions
2 summer squash	3 miniature pumpkins	4 potatoes (lot 41 only)	

<u>Lot No./Description</u>	<u>1<sup>st</sup></u>	<u>2<sup>nd</sup></u>	<u>3<sup>rd</sup></u>	<u>4<sup>th</sup></u>
40. Open ONLY to Garden Members, grades 3 - 6, collection of 6 groups of vegetables from above list	\$3.00	\$ 2.25	\$ 2.00	\$ 1.75
41. Open ONLY to Garden Members, grades 7 - 9, collection of 6 groups of vegetables from above list	\$3.00	\$2.75	\$2.50	\$2.25

### Vegetables for lot 45

4 carrots	1 head red cabbage	1 head green cabbage	1 zucchini
4 beets	3 yellow peppers	1-pint brussel sprouts	3 gourds
1 rutabaga	3 green peppers	1 butternut squash	1 head lettuce
4 ripe tomatoes	3 red peppers	1 any other summer squash	1 acorn squash
4 ears sweet corn	4 slicing cucumbers	1 any other winter squash	4 potatoes
1 muskmelon	4 pickling cucumbers	1 head or bunch broccoli	
4 dry onions	3 miniature pumpkins	4 dill pickles (3-4 inches long)	
3 kohlrabis	1 carving pumpkin	10 pods of green beans, fresh only	
3 sharp peppers	1 pie pumpkin	10 pods of wax beans, fresh only	

<u>Lot No./Description</u>	<u>1<sup>st</sup></u>	<u>2<sup>nd</sup></u>	<u>3<sup>rd</sup></u>	<u>4<sup>th</sup></u>
45. Open only to Garden Members, grades 10 - 13, collection of 8 groups of vegetables from above list	\$3.00	\$2.75	\$2.50	\$2.25

**Individual Plate Lots**

Open to all members enrolled in Vegetable Garden

**No more than 5 entries in lots 46 thru 74**

<b>Lot No./Description</b>	<b>1<sup>st</sup></b>	<b>2<sup>nd</sup></b>	<b>3<sup>rd</sup></b>	<b>4<sup>th</sup></b>
46. 4 carrots	\$3.00	\$2.75	\$2.50	\$2.25
47. 3 dry onions	\$3.00	\$2.75	\$2.50	\$2.25
48. 3 ripe tomatoes	\$3.00	\$2.75	\$2.50	\$2.25
49. 1 head or bunch broccoli	\$3.00	\$2.75	\$2.50	\$2.25
50. 1 head cabbage	\$3.00	\$2.75	\$2.50	\$2.25
51. 1 head lettuce	\$3.00	\$2.75	\$2.50	\$2.25
52. 4 beets	\$3.00	\$2.75	\$2.50	\$2.25
53. 6 cucumbers, for sweet pickles, minimum 2"L	\$3.00	\$2.75	\$2.50	\$2.25
54. 4 cucumbers, for dill pickles, minimum 3" L	\$3.00	\$2.75	\$2.50	\$2.25
55. 4 cucumbers, for slicing	\$3.00	\$2.75	\$2.50	\$2.25
56. 4 ears sweet corn	\$3.00	\$2.75	\$2.50	\$2.25
57. 1-pint brussel spouts	\$3.00	\$2.75	\$2.50	\$2.25
58. 3 sweet peppers	\$3.00	\$2.75	\$2.50	\$2.25
59. 3 sharp peppers	\$3.00	\$2.75	\$2.50	\$2.25
60. 3 kohlrabi	\$3.00	\$2.75	\$2.50	\$2.25
61. 1 egg plant	\$3.00	\$2.75	\$2.50	\$2.25
62. 1 acorn squash	\$3.00	\$2.75	\$2.50	\$2.25
63. 1 zucchini squash	\$3.00	\$2.75	\$2.50	\$2.25
64. 1 any other variety squash	\$3.00	\$2.75	\$2.50	\$2.25
65. 1 pie pumpkin	\$3.00	\$2.75	\$2.50	\$2.25
66. 1 muskmelon	\$3.00	\$2.75	\$2.50	\$2.25
67. 1 watermelon	\$3.00	\$2.75	\$2.50	\$2.25
68. 6 chard leaves	\$3.00	\$2.75	\$2.50	\$2.25
69. 1 cauliflower head	\$3.00	\$2.75	\$2.50	\$2.25
70. 10 pods snap beans, fresh	\$3.00	\$2.75	\$2.50	\$2.25
71. 1 carving pumpkin	\$3.00	\$2.75	\$2.50	\$2.25
72. 3 miniature pumpkins	\$3.00	\$2.75	\$2.50	\$2.25
73. 3 gourds	\$3.00	\$2.75	\$2.50	\$2.25
74. 5 Potatoes, same variety	\$3.00	\$2.75	\$2.50	\$2.25