

## Field Crop Judging

4H•PSS•201

There are two parts to the field crops judging contest; plant and seed identification and judging samples of field crops.

### Plant and Seed Identification

In this portion of the contest, 4-H members will identify important crops that are grown in Oklahoma, and some of the weeds that cause problems when farmers grow these crops.

Senior division contestants will identify 15 plants and 15 seeds selected from the lists below. Junior division contestants will identify 15 plants only. Living plants, collected from the field or grown in a greenhouse will be used, not pressed plants.

Plants can easily be identified by learning the size, shape, texture, and arrangement of leaves as well as flower and stem characteristics. To identify seeds, look for differences in size, shape, texture, and color.

#### Weeds

1. cheat
2. cocklebur
3. common sunflower
4. curly dock
5. dodder (plant)
6. field bindweed
7. giant ragweed
8. horsenettle
9. johnsongrass
10. horseweed
11. jointed goatgrass
12. kochia
13. lambsquarters
14. large crabgrass
15. musk thistle
16. pigweed
17. puncturevine
18. Russian thistle
19. sandbur
20. silverleaf nightshade
21. velvetleaf
22. wild oat
23. yellow foxtail

#### Crops

1. alfalfa
2. annual lespedeza
3. barley
4. canola
5. castor (seed)
6. cotton
7. cowpea
8. dent corn
9. grain sorghum
10. guar
11. hairy vetch
12. mungbean
13. oat
14. peanut
15. rye
16. sesame
17. soybean
18. forage sorghum (plant)
19. safflower
20. sunflower
21. sweetclover
22. triticale
23. wheat
24. white clover

### Crop Judging

In this section of the contest, 4-H members will place classes of field crops according to their quality.

Contestants will rank classes of field crops made up of 4 samples of the same crop. The crops used will be selected from the list below.

To place the classes, members should consider the appearance of the samples and what characteristics are important for each crop. One strategy for placing classes in a judging contest is provided on page 17 in 4H-301.

#### Crops

1. alfalfa (seed)
2. barley (grain)
3. cotton (bolls)
4. dent corn (ears or grain)
5. grain sorghum (heads or grain)
6. oat (grain)
7. rye (grain)
8. wheat (grain)

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