

## 2020 State 4-H Contest Day

### Entomology, Crops, Horticulture and Consumer Decision Making

The State 4-H Judging Contest will be held Saturday, October 3rd, 2020 on the campus of Oklahoma State University, in the Animal Science building. There will be a \$5.00 participant fee to cover the cost of awards and contest supplies. Medallions will be awarded to the top 3 teams and top 3 individuals in each judging contest. A minimum of 10 pre-registration participants is required for each contest to make.

At this time, we are planning to hold this event in person, with masks and appropriate social distancing in large rooms and green houses. Awards will be announced outside (weather permitting) at the end of each contest.

9:00 a.m.	Horticulture Judging
10:30 a.m.	Crops Judging
1:00 p.m.	Consumer Decision Making
1:30 p.m.	Entomology Identification

**REGISTRATION:** Registration must be received in the State 4-H Office by **September 25, 2020**. Checks are to be made payable to: *4-H Youth Development*

*\*\*Masks are required to be worn by all 4-H members participating in any of the above judging contests, as well as by any family members entering buildings according to OSU policy.*

#### 4-H HORTICULTURE JUDGING

The contest will consist of judging and identification of plant specimens. For the full list of potential specimens to be identified and/or judged, please see the attached 4-H Horticulture Contest Identification sheet.

- There will be 3 classes of four (4) plates. Each will be judged on the basis of condition, quality, uniformity, true-to-type, and size. Classes will be taken from any of the potential specimens on the identification sheet from the OSU website listed above. Plates in each class will be ranked from first to last. Scores will be determined by a Hormel calculator. Oral reasons will not be required of contestants.
- The identification portion includes a total of 40 samples from the potential specimens on the attached 4-H Horticulture Contest Identification sheet.
- The final score will be determined by the total score of the judging classes (50 points possible each) plus the identification test (200 points possible).

#### 4-H CROP JUDGING

- This contest is open to all 4-H members. A participant may enter as an individual, team member or be considered as both. There is no limit to the number of teams and/or individuals that a county may enter.
- This contest has a Junior division and a Senior division. A Junior member may compete as a member of a Senior team, but a Senior may not compete on a Junior division team. Junior and Senior teams will consist of 3 or 4 members with the three highest scores being retained for scoring purposes.
- There are two parts to the field crops judging contest; plant and seed identification and seed analysis of field crops. The two parts combined will be worth a total of 300 points.

### **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 10 plants and 10 seeds (crops and weeds). 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. The plant and seed ID portion of this contest will consist of 150 points to be divided equally amongst the plants and seeds that the juniors or seniors will identify. Juniors and Seniors will be separated during the plant and seed judging and juniors will be provided a list.

### **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.	tall fescue
23.	triticale
24.	hard red winter wheat
25.	white clover

### **Weeds**

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

### **Seed Analysis**

- In this section of the contest, 4-H members will identify seeds that are found in their ID list in a base sample from a crop. This will be similar to taking a sample to a mill and having to see if there are other seeds contaminating the sample.
- Contestants will have 10 samples that will be composed of a base sample (the crop) and admixtures (the other crops or weeds seeds that shouldn't be in

the main crop sample). There will be no more than 8 admixtures in a sample. A list of seeds will be available for junior participants.

- The base samples will be one of the following crops listed below.
- To sort through the sample, clean tweezers will be provided for each student participating so that they are not using someone else's. Hand lenses can be used, and we will have some extras available if needed.

### **Crops**

1.	alfalfa (seed)
2.	barley (grain)
3.	dent corn (yellow or white)
4.	grain sorghum (red/orange or white)
5.	oat (grain)
6.	rye (grain)
7.	wheat (grain)

### **4-H CONSUMER JUDGING**

- This contest is open to all 4-H members. Participants may enter as an individual, team member or be considered as both. There is no limit to the number of teams and/or individuals that a county may enter.
- A Junior member may compete as a member of a Senior team, but a Senior may not compete on a Junior division team. Junior and Senior teams will consist of 3 or 4 members with the three highest scores being retained for scoring purposes.
- The 2021 Denver Western Roundup has been cancelled due to Covid-19. With this cancellation the Champion 2020 Senior Consumer Decision Making Team will not be advancing to the national contest in 2021.
- Six classes of consumer products/services will be judged during this contest. Proper social distancing will be practiced by participants.
- Junior and Senior participants will have a questions class in which they will take notes on a class and recall facts about the items in a class. Juniors can use their notes for the questions class, while seniors will be allowed time to review their notes but are not allowed to use them.

### **4-H INSECT IDENTIFICATION**

- This contest is open to all 4-H members. A participant may enter as an individual, team member or be considered as both. There is no limit to the number of teams and/or individuals that a county may enter.
- This contest has a Junior division and a Senior division. A Junior member may compete as a member of a Senior team, but a Senior may not compete on a Junior division team. Junior and Senior teams will consist of 3 or 4 members with the three highest scores being retained for scoring purposes.

- Participants will be asked to identify, key-out or provide basic information about 25 injurious or beneficial arthropods that have economic importance in Oklahoma. A study list, which includes all the information that may be asked of a participant, is available on online at: <http://entopl.okstate.edu/4H-FFA/ppt/guides.html>.