

PLANT IDENTIFICATION AND EVALUATION

Contest Description:	Contest will test knowledge of the participant in: Seed Identification, Weed Identification (examples will be live plants), Crop Identification and a test.
Superintendent(s):	Dr. Ed Twidwell
Award:	Louisiana 4-H Educational Support
Grade/Age Requirement(s):	Must be enrolled in 8 th to 12 th Grade as of August 1, 2021.
Team or Individual Contest:	Individual
Number of Entries Per Parish:	One (1) to four (4) entries

Contest Rules:

1. Refer to Louisiana 4-H University General Rules and Guidelines for a complete set of event rules and guidelines.
2. Contest will consist of exercises in four areas: namely, Seed Identification, Weed Identification (examples will be live plants), Crop Identification and a test.
3. A maximum of thirty (30) minutes will be allowed for each phase of the contest.

SEED IDENTIFICATION

Common Name	Scientific Name
Cotton	<i>Gossypium hirsutum</i>
Corn	<i>Zea mays indentata</i>
SweetCorn	<i>Zea mays saccharata</i>
Rice	<i>Oryza sativa</i>
Soybeans	<i>Glycine max</i>
Crimson Clover	<i>Trifolium incarnatum</i>
White Clover	<i>Trifolium repens</i>
Kobe Lespedeza	<i>Lespedeza striata</i> var
Oats	<i>Avena sativa</i>
Wheat	<i>Triticum aestivum</i>
Ryegrass	<i>Lolium multiflorum</i>
Grain	<i>Sorghum bicolor</i>
Dallisgrass	<i>Paspalum dilatatum</i>
Bahiagrass	<i>Paspalum notatum</i>
Bermudagrass	<i>Cynodon dactylon</i>
Single tary peas	<i>Lathyrus hirsutus</i>
Hairy vetch	<i>Vicia villosa</i>
Alfalfa	<i>Medicago sativa</i>
Red Clover	<i>Trifolium pratense</i>
Millet	<i>Setaria italica</i>
Dodder	<i>Cuscuta</i> spp.
Purple Moonflower	<i>Ipomoea turbinata</i>
Wild Garlic (bulb)	<i>Allium vineale</i>
Johnsongrass	<i>Sorghum halepense</i>
Crabgrass	<i>Digitaria sanguinalis</i>
Sesbania	<i>Sesbania exaltata</i>
Morningglory	<i>Ipomoea</i> sp.
Cocklebur	<i>Xanthium pensylvanicum</i>
Dock	<i>Rumex</i> sp.
Nutsedge (tuber)	<i>Cyperus</i> sp.
Pigweed	<i>Amaranthus</i> sp.
Barnyardgrass or jungle rice	<i>Echinochloa</i> sp.
Horsenettle	<i>Solanum carolinense</i>
Sicklepod	<i>Cassia obtusifolia</i>
Balloonvine	<i>Cardiospermum halicacabum</i>
Prickly sida	<i>Sida spinosa</i>
Red Rice	<i>Oryza sativa</i>

FIELD CROP IDENTIFICATION

Common Name	Scientific Name	Life Cycle
1. Rice	<i>Oryza sativa</i>	A
2. Soybeans	<i>Glycine max</i>	A
3. Cotton	<i>Gossypium hirsutum</i>	A
4. Corn	<i>Zea mays</i>	A
5. Sugarcane	<i>Saccharum officinarum</i>	P
6. Grain	<i>Sorghum Sorghum bicolor</i>	A
7. Wheat	<i>Triticum aestivum</i>	A
8. Oats	<i>Avena sativa</i>	A
9. Sunflower	<i>Helianthus annuus</i>	A
10. Sweet Sorghum	<i>Sorghum bicolor</i>	A
11. Rapeseed	<i>Brassica napus</i>	A
12. Peanuts	<i>Arachis hypogaea</i>	A
13. Annual Ryegrass	<i>Lolium multiflorum</i>	A
14. Tall Fescue	<i>Festuca arundinacea</i>	P
15. Dallisgrass	<i>Paspalum dilatatum</i>	P
16. Bermudagrass	<i>Cynodon dactylon</i>	P
17. Bahia grass	<i>Paspalum notatum</i>	P
18. Johnsongrass	<i>Sorghum halepense</i>	P
19. Pearl Millet	<i>Pennisetum americanum</i>	A
20. Alfalfa	<i>Medicago sativa</i>	P
21. White Clover	<i>Trifolium repens</i>	P
22. Red Clover	<i>Trifolium pratense</i>	P
23. Subterranean Clover	<i>Trifolium subterraneum</i>	A
24. Crimson Clover	<i>Trifolium incarnatum</i>	A
25. Berseem Clover	<i>Trifolium alexandrinum</i>	A
26. Hairy Vetch	<i>Vicia villosa</i>	A
27. Singletary Pea	<i>Lathyrus hirsutus</i>	A
28. Arrowleaf Clover	<i>Trifolium vesiculosum</i>	A
29. Common Lespedeza	<i>Lespedeza striata</i>	A
30. Alyceclover	<i>Alysicarpus vaginalis</i>	A

WEED IDENTIFICATION

Bahiagrass	Dogfennel
Barnyardgrass	Eclipta
Bermudagrass	Goldenrod
Broadleaf signalgrass	Horsenettle
Crabgrass	Jointvetch
Dandelion	Morningglory
Dallisgrass	Pigweed
Goosegrass	Purslane
Johnsongrass	Ragweed (common orgiant)
Smutgrass	Sesbania
Vaseygrass	Smartweed
Purple nutsedge	Spurge
Yellow nutsedge	Virginia buttonweed
Arrowleafsida	Blackberry
Blue vervain	Cocklebur
Chamberbitter	Dock
Dichondra	Prickly sida