

Tennessee State Fair

Forestry Contest

**This event will take place on August 21, 2023 at 1:00 (check-in 12:45)
at the Goodall Homes Stage.**

**This event is an open contest and these rules are only for the
Tennessee Wilson County/ Tennessee State Fair.**

Event Rules

- Each team will be comprised of **two** members. All scores will be used to determine the total team score. *Each FFA chapter may only have 1 team.*
- No conversation will be allowed between participants after the individual activities begin. Conversation among participants constitutes a disqualification.
- Under no circumstance will any participant be allowed to handle any of the items in the identification portion of the practicums. Any infraction of this rule will be sufficient to eliminate a team from the event.
- **Clothing:** Official Dress is **not** required to be worn during the event.

Event Format

- Tree Identification (100 points)
 - Twenty live specimens, pressed samples, fresh leaf samples and/or standing trees, from the tree identification specimen list will be displayed for participants to identify by common names. A number will designate each specimen.
 - Each participant will be allowed 30 minutes to complete this phase.
- Pacing between 3 points instead of 5
 - Students will pace between points 1-2, 2-3, 3-1 to find the distance in feet between each flag.
 - Each participant will be allowed 30 minutes to complete this phase.
- Equipment ID
 - Twenty pieces of equipment or pictures will be displayed for participants to identify. A number will designate each specimen. Students will utilize the National FFA Forestry contest equipment list to identify each piece.
 - Each participant will be allowed 30 minutes to complete this phase.

Premiums for Winning Chapters:

1st Place-\$75

2nd Place-\$50

3rd Place-\$25

Tree Identification Specimen List

1. Ash (*Fraxinus* sp.)
2. Aspen, Bigtooth (*Populus grandidentata*)
3. Aspen, Quaking (*Populus tremuloides*)
4. Baldcypress (*Taxodium distichum*)
5. Basswood (*Tilia americana*)
6. Beech, American (*Fagus americana*)
7. Birch, Black (*Betula lenta*)
8. Birch, River (*Betula nigra*)
9. Birch, White (*Betula papyrifera*)
10. Blackgum (*Nyssa sylvatica*)
11. Boxelder (*Acer negundo*)
12. Buckeye (*Aesculus glabra*)
13. Cherry, Black (*Prunus serotina*)
14. Cottonwood, Eastern (*Populus deltoides*)
15. Cucumber Tree (*Magnolia acuminata*)
16. Dogwood, Flowering (*Cornus florida*)
17. Elm (*Ulmus* sp.)
18. Fir, Balsam (*Abies balsamea*)
19. Fir, Douglas (*Pseudotsuga menziesii*)
20. Hackberry (*Celtis occidentalis*)
21. Hemlock, Eastern (*Tsuga canadensis*)
22. Hickory (*Carya* sp.)
23. Locust, Black (*Robinia, pseudoacacia*)
24. Maple, Red (*Acer rubrum*)
25. Maple, Silver (*Acer saccharinum*)
26. Maple, Sugar (*Acer saccharum*)
27. Oak, Blackjack (*Quercus marilandica*)
28. Oak, Black (*Quercus velutina*)
29. Oak, Chestnut (*Quercus montana*)
30. Oak, Northern Red (*Quercus rubra*)
31. Oak, Post (*Quercus stellata*)
32. Oak, Scarlet (*Quercus coccinea*)
33. Oak, Southern Red (*Quercus falcata*)
34. Oak, White (*Quercus alba*)
35. Pawpaw (*Asimina triloba*)
36. Pecan (*Carya illinoensis*)
37. Persimmon (*Diospyros virginiana*)
38. Pine, Eastern White (*Pinus strobus*)
39. Pine, Loblolly (*Pinus taeda*)
40. Pine, Longleaf (*Pinus palustris*)
41. Pine, Pitch (*Pinus rigida*)
42. Pine, Shortleaf (*Pinus echinata*)
43. Poplar, Yellow (*Liriodendron tulipifera*)
44. Red Bud (*Cercis canadensis*)
45. Redcedar, Eastern (*Juniperus virginiana*)
46. Sassafras (*Sassafras albidum*)
47. Sourwood (*Oxydendrum arboreum*)
48. Sweetgum (*Liquidambar styraciflua*)
49. Sycamore (*Platanus* sp.)
50. Walnut, Black (*Juglans nigra*)

Equipment Identification List

1. Altimeter
2. Angle gauge
3. Ascender
4. Automatic level
5. Backpack fire pump
6. Bark gauge
7. Bulldozer
8. Canthook
9. Carabiner
10. Chainsaw
11. Chainsaw chaps
12. Clinometer
13. Combination tool
14. Data recorder
15. Densimeter
16. Diameter tape
17. Dot grid
18. Drip torch
19. Ear protection
20. Endloader
21. Feller buncher
22. Felling wedge
23. Fiberglass measuring tape
24. Fire rake
25. Fire shelter
26. Fire weather kit
27. Fire-swatter
28. First aid kit
29. Flow/current meter
30. GPS receiver
31. Hand compass
32. Hand lens/field microscope
33. Hip chain
34. Hypo-hatchet
35. Increment borer
36. Jacob staff
37. Log rule
38. Logger's tape
39. Maul
40. Peavy
41. pH meter
42. Planimeter
43. Plant press
44. Plastic flagging
45. Pole saw
46. Pruning Saw
47. Pulaski Axe
48. Relaskop
49. Safety glasses
50. Safety hard hat
51. Scale stick
52. Secchi disc
53. Soil sampler
54. Soil test kit
55. Staff compass
56. Stereoscope
57. Tally book
58. Tally meter
59. Timber tongs
60. Tree caliper
61. Tree harvester
62. Tree marking gun
63. Tree planting hoe or bar
64. Tree skidder
65. Water sampler
66. Water test kit
67. Wedge prism