



# 4-H Forestry Invitational

The **SUPER BOWL** of 4-H Forestry!

<http://4hforestryinvitational.org/>

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H E A D , H E A R T , H A N D S , H E A L T H



## Why Forestry??

- Top manufacturing industry in North Carolina
- 60% of NC is forested (18.6 million acres)
- 63% of forestland in NC is owned by NIPF (57% nationally)
- US is the 4<sup>th</sup> most forested country in the world
- Jobs at all educational levels, pay scales
- Get to be outside!
- Opportunities to be on cool TV shows like Ax Men
- A good jumping off point for any youth that wants to be involved with natural resources
- Don't forget our urban forests, too!



## Why Forestry??

- Develop leadership and citizenship skills
- Increase appreciation of the importance of conserving forests as a sources of income, raw materials, and enjoyment necessary for quality living
- Acquire information and understanding of practical forestry skills and an understanding of forest management that will help solve future environmental issues



## The Basics

- State contest in the Fall (Raleigh)
  - Junior and Senior level teams
  - Five events
  - Materials used from the national invitational, trunk can be borrowed
- Top Scoring senior level teams goes to National
  - WV, end of July
  - Eight events
  - Also local tours, campfires, and woodsmen skills fun competition



## State Contest

- Junior (9-13) and Senior (14-19) level teams
  - Teams are 3-4 members
  - Individuals
- Resources provided by Extension Forestry
  - State contest is based on national materials at <http://4hforestryinvitational.org/>
  - Invitational Trunk
  - Ideas of where to find assistance in your county
  - Answers are a phone call or email away



## State Contest (continued)

- Five events
  - Tree ID (individual)
    - 25 species, common names
  - Insect & Disease ID (individual)
    - 10 of each, common names
  - Tree Measurement (individual)
    - 15 trees; DBH, Height, Volume
  - Compass Traverse
    - bearings and distances on four lines



## National Invitational

- Top scoring senior team from fall state contest will have the opportunity to represent the state the following July
- National sponsors do cover some travel (can change)
- Again – national web site is the place to go for training and materials
- Extension Forestry will assist with more in-depth training

# Training Materials and References



[Invitational Handbook](#)



[Textbook](#)



[National 4-H Forestry Manuals \(Units A, B, and C\)](#)



[Insect and Disease Contest References](#)



[Tree Identification Contest References](#)



[Compass Traverse Contest References](#)



[Tree Measurement Contest References](#)



[Forest Evaluation Training References](#)

## Training

2016 Invitational Handbook

Textbook

Forestry Manuals

Insect and Disease Contest

Tree Identification Contest

Compass Traverse Contest

Tree Measurement Contest

Forest Evaluation Training

Forestry Bowl

Topographic Map Contest

Outside Resources





# Questions??

