

**The NCSU Cooperative Tree Improvement Program aims to increase value to landowners and citizens through continuous genetic improvement of forest trees.**

The NC State University Cooperative Tree Improvement Program originated in 1956 to support research in forest genetics, selection, breeding and testing, and technology transfer. Over 50 years later, the Cooperative is still going strong, providing vital research to landowners, foresters, forest companies, and the forest products industry.



Contributing membership allows consulting foresters, landowners, and nurseries to support the program's traditional breeding efforts that result in increased productivity and value. In return, they gain access to the improved genetics and economic gain that forest industry partners have profited from for over 50 years.

## Membership Benefits

- Access to information and insight into elite genetic material for regeneration programs for the Southeastern US
- Receive breeding values and performance information for all Cooperative selections planted in your operating territory
- Expert advice and consulting for planting and management of genetically improved loblolly pine
- Access to the latest research reports, publications and annual cooperative reports through "members only" website access
- Invitations to all CTIP meetings, short courses, and workshops
- Voting privileges on all CTIP matters and research initiatives



## Client Benefits

- Add value to plantations with the best genetic material on the best sites yielding maximum financial returns
- Cutting edge varietal forestry
- Shorter rotations with maximum gain
- Value-rated forest trees for sawtimber and bioenergy products
- Over 50 years of expertise and improved genetics

## Contributing Member Dues

*To support Cooperative breeding:*

- \$2.50 per planted acre of loblolly pine using seedlings originating from the NCSUCTIP breeding program.
- minimum contribution of \$5,000 with a cap at \$70,000.
- variations of the rates above are available for nurseries and other member situations.

## Contributing Membership

This membership level is designed for consulting foresters, landowners and for nurseries operating in the southern US that desire information about the genetic value of loblolly pine. Contributing members' financial contributions are critical to support the Cooperative's mission to breed better trees for improved forests that will be owned and managed by future generations.



## Statistics of progress and achievement in the Cooperative

- \$50 to over \$300 per acre net present value to landowners simply by planting the best genotypes
- 500+ scientific articles published
- 200+ professionals graduated from NCSU via the Cooperative
- Over 150,000,000 mass-control pollinated full-sib seedlings planted operationally
- +\$170,000,000 invested by TIP members in genetic improvement of loblolly pine
- 1139 tons of improved pine seed produced by Cooperative members- enough seed to plant over 26 billion seedlings over the last 50 years
- 17+ million acres reforested with genetically improved seedlings

For more membership info contact:

Dr. Steve McKeand  
Campus Box 8002  
Raleigh, NC 27695

Ph: 919-886-6073  
Fax: 919-324-3620

Email: [Steve\\_McKeand@ncsu.edu](mailto:Steve_McKeand@ncsu.edu)

Please visit our website for news and information

[www.treeimprovement.org](http://www.treeimprovement.org)

