

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 began in the 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 and improved productivity to the forest products industry.



Full Member organizations can use the facilities, information and research data derived from TIP to invest in genetics research and development beyond their participation in NCSUCTIP projects have the right to the information, results, and material obtained from the additional investments. While sharing the results of such investments with the NCSUCTIP is appreciated, it is certainly not required.

Full Member Benefits

- Full access to germplasm and data resulting from cooperative breeding and research
- Support and participate in the research and technical transfer activities of the Tree Improvement Program
- Access to receive research technical assistance from Cooperative staff
- Expected to collaborate and contribute to the research interests of the NCSUCTIP
- Invitations to attend all the TIP meetings, relevant workshops and short courses
- Full voting privileges
- Access to research reports, publications, and related material through members login portal on website



Cooperative Research Areas

- Biofuels/ Biomass energy
- Molecular markers
- Wood quality
- Disease resistance
- Drought tolerance
- Clonal forestry
- Marker aided selection processes
- Statistical modeling

Full Member Dues

To support Cooperative research and development:

-\$22,124 annually

Full Membership

All NCSUCTIP full members must participate in the selection, breeding, and testing program in a standard and, to the extent possible, equitable way. Full members must also participate in the research of the NCSUCTIP. This participation sets the floor level of progress and accomplishment for the program. This is where Cooperators truly cooperate.



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:

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Please visit our website for news and information:

www.treeimprovement.org

