

Recent Major Accomplishments

QUICK FACTS

Number of Employees

4

Number of Facilities

2

Total Budget

\$649,139

Acres of Forest

4,744,000

Research Work Units

- **West Lafayette, IN:**
NRS-14 Hardwood Tree Improvement & Regeneration Center (HTIRC)

Partners

- Arbor America Inc.
- Indiana Hardwood Lumberman's Association
- Indiana Department of Natural Resources
- National Hardwood Lumber Association
- Purdue University
- State Foresters in the Central States
- State and Private Forestry
- Walnut Council
- Non-industrial private landowners

The Northern Research Station will continue to implement a program that addresses a comprehensive scientific foundation, including the following strategic program directions: Sustaining Forests, Forest Disturbance Processes, Urban Natural Resources Stewardship, Providing Clean Air and Water and Natural Resources Inventory and Monitoring. Within this program direction the scientists in Indiana have already achieved the following:

- Reviewed the biotechnological tools available for conserving, characterizing, evaluating, and enhancing hardwood forest tree

biodiversity, focusing primarily on species grown for lumber and wood products.

- Screened butternut and butternut hybrids for resistance to butternut canker.
- Scientists developed a plant regeneration protocol for white ash that will be used as the basis for experimental studies to produce transgenic white ash with resistance to the emerald ash borer.

Budget for Indiana

Research Work Unit	FY 11	FY 12	FY 13
<i>West Lafayette, NRS-14</i>	880,000	749,139	649,139
STATE TOTAL	\$880,000	\$749,139	\$649,139

Grants and Agreements

Research Work Unit	Value of Grants and Agreements (all locations)	Fiscal Year
<i>NRS-14</i>	\$259,618	2011

