

Recent Major Accomplishments

QUICK FACTS

Number of Employees

19

Number of Facilities

2

Total Budget

\$1,936,352

Acres of Forest

1,746,000

Research Work Units

- **Hamden, CT**
NRS-03: Ecology and Management of Invasive Species and Forest Ecosystems
NRS-04: Genetics, Biological Control & Management of Invasive Species

Partners

- Animal and Plant Health Inspection Service
- Agriculture Research Service
- Canadian Forest Service
- Chinese Academy of Forestry, Beijing, China
- Connecticut Agricultural Experiment Station
- Maine Forest Service
- New Jersey Department of Agriculture
- Osaka Museum of Natural History, Japan
- Pennsylvania Bureau of Forestry
- University of Connecticut
- University of Massachusetts
- Yale University

The Northern Research Station will continue to implement a program that addresses a comprehensive scientific foundation, including five strategic program directions: Sustaining forests, Forest disturbance processes, Urban natural resources stewardship, Providing clean air and water, and Natural resources inventory and monitoring. Within these program directions, NRS scientists in Connecticut have:

- Examined effects of loss of forest hemlocks in New England on arthropod biodiversity.

- Deployed traps, baited with a new mixture of pheromones and tree volatiles, to detect Asian longhorned beetles, which could endanger New England forests.
- Confirmed by DNA testing that predators released against hemlock woolly adelgid will not adversely affect native adelgid natural enemies.
- Developed a hybrid of Carolina and Chinese hemlocks, working with US National Arboretum, as a hemlock woolly adelgid-resistant replacement for native hemlocks.

Budget for Connecticut

Research Work Unit	FY 11	FY 12	FY 13
<i>Hamden, NRS-03</i>	1,541,058	1,431,008	1,431,008
<i>Hamden, NRS-04</i>	505,344	505,344	505,344
STATE TOTAL	\$2,046,402	\$1,936,352	\$1,936,352

Grants and Agreements

Research Work Unit	Value of Grants and Agreements (all locations)	Fiscal Year
<i>NRS-03</i>	\$334,023	2011
<i>NRS-04</i>	\$228,082	2011

