

Fiscal Year: 2005

State: CT

Name of Project: Pine Shoot Beetle Survey

Project Coordinator: Victoria Lynn Smith

Objective: Visual survey of shipments of both live and cut Christmas trees entering CT and trapping for pine shoot beetles, to detect introduction of this potentially damaging pest.

Benefits: early detection will greatly aid in control and possible eradication of this non-native wood boring insect that would adversely impact commercial agriculture and timberlands.

Project Category: Part III

Pests: Pine Shoot Beetles

Materials & Methods: Lindgren traps baited with ethanol lures will be located in all counties of the state, with 5 traps per county. Since the geographic area is small, 5 traps will be sufficient. Traps will be monitored bi-weekly and insects identified to species. Experiment Station personnel will monitor traps in 5 counties, and PPQ personnel will monitor traps in the remaining 3 counties.

Products Produced: Surveys will produce information on the prevalence of infested trees, which will aid in targeting future surveys and which will be added to the NAPIS database. In addition, outreach materials in the form of Pest Alerts, handouts, and oral presentations will be made available to local nursery and landscape associations, garden clubs, and the general citizenry of CT. Public awareness will greatly aid in prevention of establishment of this pest and will help protect fragile ecosystems and public health.

Delivery Dates: FY 2005