

# Biological Control of Conifer Root Aphids in Christmas Trees

## Figures for the Annual Report

December 15, 2014

**Principal Investigator:** Bruce L. Parker

**Grantee:** SARE Partnership Grant

**Grant #:** ONE14-220

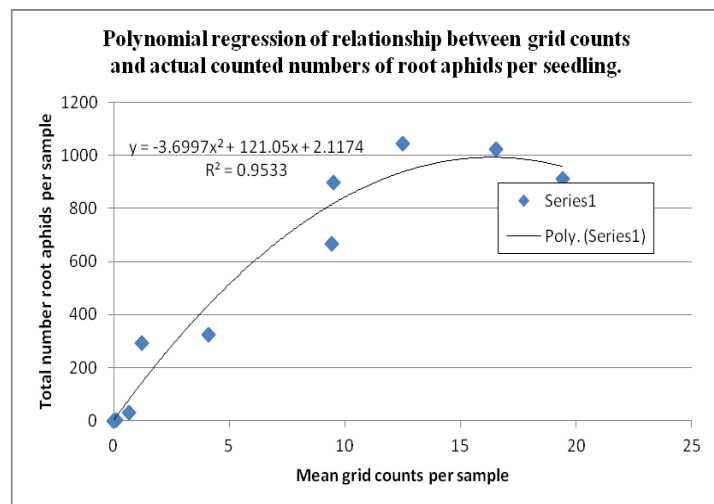
**Grant Purpose:** Enhance the competitiveness of Vermont Specialty crop producers



**Fig. 1.** Larry's Tree Farm (top); infested seedling planted adjacent to stump of old tree (bottom).



**Fig. 2.** Predatory mite release.



**Fig. 3.** Polynomial regression equation developed to estimate root aphid numbers from grid counts.



**Fig. 4.** Counting root aphids in the field with the grid technique.



**Fig. 5.** A vertical yellow sticky card placed near one of the trees. Tree is exhibiting winter injury but was alive.