



A second, less researched bug could hold more promise. Early studies suggest that the scymnus, a type of ladybug, can withstand the same temperature swing as the adelgid and could hold the key to stopping the pest's spread.

However, there's always a risk. Releasing bugs to control other bugs, a process known as biological control, can backfire. In Georgia, for instance, an infestation of yellow aphids in pecan trees prompted scientists to release a type of ladybug to destroy the pest, but residents complained when those bugs started massing around nearby homes when the temperature dropped in the winter.

"It's an inexact science, but we're learning more all the time," said Wayne Jenkins, executive director of ForestWatch. "Bio-control is what nature's been doing for millions of years. But whether we know enough is the big question."

Researchers say they have little other recourse when it comes to the hemlock pests. Individual trees can be protected for a few years by chemical injections of insecticide, but it's too time-consuming to cover an entire forest.

"It seems to be about the only option to control the adelgid," said Wayne Berisford, a retired UGA professor of forest entomology. "If it doesn't work, a high percentage of these trees will be lost."

Eventually, the researchers say it could take three or four different beetles \_ sort of like a cocktail of different medicines \_ to contain the pest.

"We're not going to eradicate it," Coleman said. "We just hope to keep it at low levels where it's not killing our trees."

---

On the Net:

Georgia ForestWatch: <http://www.gafw.org>

Invasive Species: <http://www.gainvasives.org/hwa/>