

FTY 456/557
Tree Pests and Disease
For January 28, 2008

Answer the following questions and bring them with you to class. PLEASE TYPE AND DOUBLESPEACE ALL ANSWERS. The point total is indicated in parentheses. The point total represents the approximate number of topic items that are correctly used in the answer.

Topic 3 Question (15 pt) (make sure your name is at the top of the page)

Land was cleared for agricultural purposes during which non-native plants (herbs) were introduced. The cleared lands were later abandoned, and the non-native plants prevented the native vegetation from recolonizing the site. Therefore, a single tree species that can grow fast was planted on the site. A fungus began infecting stems and deformed over half of the trees in the forest.

Given the above disease complex, develop a health management plan that includes:

1. Predisposing factors
2. Inciting factor
3. Preemptive measures
4. Monitor and survey recommendations
5. Reactive measures

Topic 4 Question. (15 pt) START ON A NEW PAGE (make sure you name is at the top)

The forest health problems in the mountains of the western states all involve native trees and pests that have evolved together for thousands of years. However, ecologists and land managers describe the situation as “unhealthy” and potentially dangerous. What are the problems, and why did such problems develop even with all native species?

Writing Quality (spelling, grammar, punctuation, organization) (5 pt per question)