

Sampling and Shipping Instructions

1) Identify symptomatic seedlings (examples below). We are targeting root rots and damping-off diseases of conifers and riparian species. Samples can be from seedlings and/or root samples (around 50 per nursery) and soils from around healthy and symptomatic seedlings (around 20 per nursery).

Symptoms can range from:

- Reddening or yellowing leaves
- Root die-off
- Unusually low germination rates
- Stem coloration change to red or purple



2) Sending Samples – Samples can range from healthy to diseased to killed as seen below.



Wrap samples in a moist paper towel and place in a plastic bag for shipment. Please include Nursery information on the bag for our records.



The APHIS permit (P526P-18-03769, issued to Dr. Jane Stewart) should be placed INSIDE a shipping box with the samples.

The shipping box should be mailed to:

**John Dobbs
Colorado State University
Dept. Agricultural Biology
1177 Campus Delivery
Fort Collins, CO 80523-1177**