

FOREST NUTRITION COOPERATIVE

North Carolina State University • Virginia Polytechnic Institute and State University • Universidad de Concepción

Eucalyptus Silviculture Study Initiative in the Southeast

North Carolina State University – Dept. Forestry and Environmental Resources
Jordan Hall 1216 (New Addition)
October 8, 2009 – 1:45 to 5:15 pm

Motivation: *Eucalyptus* forests are among the most productive plantations in the world, but severe frost damage in *Eucalyptus* plantations in the Southeastern US in the 1980s dampened interest. Despite early setbacks, *Eucalyptus* silviculture appears to have great potential for parts of this region. The Forest Nutrition Cooperative (www.forestnutrition.org) has started planning the establishment of *Eucalyptus* trials in the SE based on the interest of some of its members. This **new initiative** is based on better selection of potential species and provenances (including improved local races and clones), more precise site selection, site preparation, nutrition, weed control and spacing for short-rotation biomass regimes. The improved selections and silvicultural techniques are designed to reduce risks of yield losses from cold weather. Some FNC members have *Eucalyptus* plantations in Latin America in tropical, subtropical and temperate climates. With intensive silviculture, these plantations exhibit high yields; this expertise provides a foundation for this initiative in the SE. Besides growth and yield information, the potential environmental impacts will also be considered on the studies.

Participants: The meeting is **open to all companies and institutions** interested in learning about and discussing potential participation in the new initiative. The goals of the discussion are to: 1) cover the main operational and scientific topics related to *Eucalyptus* plantations, and 2) develop an efficient set of trials. The FNC, which is celebrating its 40th anniversary, can reduce the costs of the required network and accelerate the process of learning about *Eucalyptus* adaptability and management in the SE.

Agenda

1:45 - Coffee

2:00 - **Welcome and Introductions:** Why are we here? – **Tom Fox**, Virginia Tech, FNC

2:15 - **Eucalyptus trials in the US:** What have we done and learned? – **Robert Kellison**, NCSU

2:45 - **Eucalyptus plantations:** Key points needed for their success – **Jose Stape**, NCSU, FNC

3:15 – Break

3:30 - **Proposed *Eucalyptus* Studies and Sites for the SE**

4:00 - **Discussions:** Operational and scientific topics & logistic

5:15 - Adjourn

Registration Deadline:

September 30th, 2009 (**No Registration Fee**)

<http://www.forestnutrition.org/eucmeeting.htm>

