

CFGRP Cooperative Report
Submitted to the 2007 SFTIC Committee, June 22, 2007
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This year the CFGRP:

1. Collected the second crop of 3rd cycle full-sib slash pine seed and completed our fourth year of 3rd cycle slash pine breeding.
2. Sent slash pine seedlots to the USDA Forest Service Resistance Screening Center for pitch canker screening. Also, collected pitch canker screening data from CFGRP members. Conducted a combined data analysis resulting in parental rankings for 184 slash pine selections.
3. Collected the first of the back cross one (BC1 = (slash x lob) x slash)) seed for the "Introgression of Loblolly Pine Alleles into Slash Pine P-76" project. The BC1 seed along with open pollinated seed from all members of the pedigree was sent to Keith Palmer of Plum Creek for seedling production. These seedlings will be planted in a test this winter on SSCC lands near High Springs Florida.
4. The CFGRP 2nd Cycle Florida Loblolly Pine Breeding and Testing Program P-77 project was formulated. The program will have 10 breeding groups, 15 selections per breeding group and 8 progeny tests.
5. The CFGRP measured 8 more slash pine full-sib block plantings which brings the total to over 60,000 trees measured at 5 years and 36,000 trees measured at 8 years.
6. There was no membership changes in the CFGRP for FY07

The coming year the CFGRP plans to:

1. Measure 14 - 5, 8 or 12 year full-sib block plot plantings.
2. Measure 10 - 6th year Florida loblolly pine wild seed trials.
3. Measure 8 - 6th year PMXII trials.
4. Continue the CFGRP 3rd cycle slash pine breeding and testing program.
5. Begin the CFGRP 2nd cycle Florida loblolly pine breeding and testing program by making 150 selections, collect scion and top graft selections into mature seed orchard trees.
6. Measure 6 reps in the 10 - 6th year Florida loblolly pine and 8 - 6th year PMXII slash trials for acoustic stiffness.
7. Continue the cooperative effort, pitch canker screening of CFGRP slash pine selections.