

SYMPOSIA**FORESTRY IN THE NEW MILLENIUM**

HERBACEOUS WEED CONTROL IN FIRST-YEAR LOBLOLLY PINE USING OUST XP, OUST EXTRA, OUSTAR, MATRIX, AND STEADFAST. A.W. Ezell, J.L. Yeiser and L.R. Nelson; Mississippi State University, Starkville; Stephen F. Austin State University, Nacagdoches, TX; and Clemson University, Clemson, SC.

ABSTRACT

A total of 16 treatments were evaluated in first-year loblolly plantations at three locations across the South. Treatments were applied in mid-April, 2004 and included different rates of Oust Extra, Matrix, Steadfast applied alone and in tank mixes with Arsenal AC. Arsenal AC and Oustar were also applied alone and Oust XP was tank mixed with Arsenal AC in one treatment. Plots were evaluated at 30, 60, 90, and 120 days after treatment (DAT) for both pine vigor and ground cover by grasses, forbs, and percent clear ground. None of the treatments resulted in any damage to the pine seedlings. Overall, the tank mixes of Oust Extra and Arsenal AC provided the best control of forbs and grasses. Oustar and Oust XP + Arsenal AC also provided very good control of competing species.