

## **GROWTH OF TISSUE CULTURE DERIVED SWEETGUM IN THE FIELD - FIRST FIFTEEN YEARS**

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**Abstract.** In 1981 a block of 96 sweetgum plantlets was planted on a sloping site at the University of Georgia's Whitehall Forest near Athens. Periodically, measurements were made of height and root collar diameter or DBH. Growth appeared to be highly dependent on the position on the slope where the plantlets were planted. These plantlets were obtained using a tissue culture technique with a low rate of multiplication. Multiplication rates were increased and about 800 plantlets were grown for one season in a nursery bed. Since that time, we have been able to root the adventitious shoots directly in potting mix. It is now potentially time to set up a larger trial.

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