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WHAT'S NEW AT THE EASTERN STATE NURSERIES

R. A. Jordan, Reforestation Supervisor  
Florida Forest Service

1. Florida Forest Service - root pruner with reciprocating blade.
2. Florida Forest Service - sawdust spreader operated with electric motor. Motor operates off 12 volt truck battery.
3. Georgia Forestry Commission - mist blower used to apply insecticides and fungicides.
4. Georgia Forestry Commission - weeding cart; carries two people - one bed at a time.
5. Florida Forest Service - weeding cart; carries 6 or 9 men, depending on amount of grass and weeds. Can be used to weed one, two, or three beds at a time.
6. Georgia Forestry Commission - Fertilizer injector for injecting fertilizer into the irrigating system for each of the operations.
7. Florida Forest Service - method of fertilizer injection at Andrews Nursery.
8. Florida Forest Service - portable shades; used with potted stock.

DISCUSSION TO: E. C. Jones, Clyde Gahron, and R. A. Jordan

- Q. How did Mr. Jones trim the branches off of the cottonwood cuttings?  
A. (Jones) Used pruning shears and cut them off in the field.

COMMENTS by Mr. McNeel:

We had a little experiment this year by going through and cutting some of those limbs off in the summer to see how it would work.

- Q. Mr. Jordan said he used artesian water for irrigation?  
A. (Jordan) When we first put the wells in the saline content was low, about 100 to 200 ppm, and now it's about 1,200 ppm. It's reaching the danger point now.

- Q. Roughly, how much does that pumping system cost in the soil?  
A. (Gahron) \$60,000 - not counting pump or well. It's a 50 acre area.

COMMENTS by Mr. Turner:

New system - 2/3-cost of conventional system.

- Q. What is conventional system?  
A. (Turner) Your main comes down the road and the lines come up with the Skinner or Thompson. The Skinner line runs overhead from 2 inches down to 3/4-inch. The Thompson is the buried system. It's a buried line to the main and the laterals take off at 4 inches and reduce down to 2 to 1-1/2 inches.

- Q. How much for electrical control?  
A. (Turner) Don't remember.

COMMENTS by Mr. Russell:

\$10,000 to \$11,000 - doesn't include the valves but may include wiring. Ashe in Mississippi is using electrically controlled valves. Gahron is using hydrolically controlled valves.

COMMENTS by Mr. McNeel:

We had been planting 1-inch rows. This year we planted for 6-inch rows with the idea of eliminating some kinks. We don't have the stand we'd like to have but it's showing some encouragement.

COMMENTS by Mr. Morris:

We noticed in some pruning studies at Stoneville that when the new laterals come out on the cottonwood they are small and tender and you can flip them off with your finger very easily; whereas, if you let

them grow for a couple of weeks, they are hard and you have to cut them off. It might be easier if you went through once a week and flipped them off through the season. You might go a long way toward eliminating that problem. I don't know how practical it is but it is an idea worth trying.

COMMENTS by Mr. McNeel:

We tried a little of that this summer.