2012 SURVEY OF FOREST SEEDLING NURSERY PRACTICES IN THE SOUTHERN REGION

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FOREST NURSERY SURVEYS – PRODUCTION AND PRACTICES

- 1954 Abbott Forest Tree Nursery Practices. 1956. *The Amer. Nur.* Survey of all bareroot nurseries in US.
- o 1964 Abbott & Eliason Forest tree Nursery Practices in the United States. 1968.

 JOF. Survey of all bareroot nurseries in US.
- 1974 Abbott & Fitch Forest Nursery
 Practices in the United States. 1977.

 JOF. Survey of all bareroot nurseries in US.
- 1980 Boyer & South Forest Nursery Practices in the South. 1984. *SJAF*. Survey of bareroot nurseries 13 southern states.

There is a link to these papers on web site – under Nursery Museum



We he good n production.

We need an up to date survey!!!!!

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mpact of government regulations

WHY THIS SURVEY IS NEEDED......

- The SFNMC is an advocate to EPA, USDA, APHIS, State Plant Boards, State Departments of Agriculture and other government agencies.
 - Verify pesticide usage
 - Answer registration questions on how chemicals are used in nursery culture.
 - Identify and quantify pests in nurseries
 - Provide species and acreage information
 - Provide information of cultural activities
 - 2 months ago EPA what is the impact of bird predation at sowing? How does nursery culture minimize this threat?
 - "Is this the most recent data you have?" ... EPA

THIS SURVEY WILL..

- There will be anonymity by company and state
- Funded by USFS Southern Region
- Include <u>bareroot</u> and <u>container</u> nurseries in the USFS Southern Region which encompasses 13 States—from Virginia to Florida and Oklahoma, Texas.
- Survey to nurseries by early June 2012
- Format PDF and online option
- Reflect the impact that government regulations have had on nursery management.

THIS SURVEY WILL..

- Divided into the following sections:
 - 1. Production
 - 2. Sowing
 - 3. Fumigation
 - 4. Weed Control
 - 5. Disease control
 - 6. Insect Control
 - 7. Soils (or Media)

- 8. Cover Crops & Amendments
- 9. Fertilization
- 10. Irrigation
- 11. Lift/Pack & Ship
- 12. Labor source
- 13. Seedling cultural

Trivia – How well do you know.....

IN 1980 THE TOP 3 CONIFER SEEDLING GROWN WERE.....

Loblolly

Slash

• White Pine

THE MOST COMMON SEEDLING ROTATION (SEEDLINGS: COVER CROP) WAS

- o 1:1
- **o** 1:2
- **o** 1:3
- **o** 2:1
- o 2:2
- **o** 3:1
- 4:1

CONNECT THE FACTORS IN FIRST COLUMN WITH SEEDLINGS LOST IN SECOND COLUMN IN 1980?

1. Early Heavy Rains A. 12,833,000

2. Post-emergent B. 33,231,000 damping-off

3. Weeds and weeding \leftarrow C. 34, 163,000

OF THE FOLLOWING WEEDS, WAS THE MOST TROUBLESOME AND LEAST TROUBLESOME IN 1980?

- Nutsedge
- Spurge.
- Morning glory
- Crabgrass
- Clover
- Flathead sedge

Absolute last on list

THANK YOU IN ADVANCE FOR YOUR PARTICIPATION

