

FLORIDA DIVISION OF FORESTRY

M. D. 'Six' Andrews Nursery
Chiefland, Florida

Contact Information

Steve Gilly	gillys@doacs.state.fl.us
Tommy Rogers	rogerst@doacs.state.fl.us
Tim Pittman	pittmat@doacs.state.fl.us
Wanda Jones	jonesw@doacs.state.fl.us

Phone: 352-493-6096 FAX: 352-493-6084

Mailing Address:

P. O. Drawer 849, Chiefland, FL 32644

Physical Address:

9850 NW 42nd Court, Chiefland, FL 32626

Our Mission

- To provide quality tree seedlings to any forest landowner in Florida. This includes private, non-industrial landowners, state owned lands (State Forests, State Parks, Water Management Districts, Florida Fish & Wildlife Conservation Commission), Federal Lands, counties, municipalities, forest (and citrus!) industry.
- To provide these seedlings *at cost*.

Hell



What Do We Grow?

- **Bare Root Seedlings -**
 - Started from seed.
 - Grown directly in nursery soil
 - Carefully pulled from soil during the winter, packaged, and shipped.
 - Traditional reforestation method and seedling type
 - Currently 8-10 million/year









Bare Root Seedlings

- Longleaf pine (open collected and improved)
- Sand Pine (Ocala and Choctawhatchee)
- North Florida Slash Pine (var. *elliottii*)
 - Andrews 'X' Slash (southernmost source of north Florida slash pine)
 - Rust Resistant, Pitch Canker Resistant, High Growth, 1.0, 1.5, and 2.0 generations
- South Florida Slash Pine (var. *densa*)
- Improved South Florida slash (???)
- Baldcypress/Pondcypress

Bare Root Sales Restrictions

- The following are only available for sale to government agencies until private bare root nurseries are sold out.
 - Baldcypress (\$125/M)
 - Pondcypress (\$125/M)
 - Choctawhatchee Sand Pine (\$40/M)
 - North Florida slash pines (except Andrews 'X') – (\$37-\$45/M)

Bare Root Seedlings – Unrestricted Sales

- Improved Longleaf (\$75/M)
- Longleaf (\$70/M)
- Improved Ocala Sand Pine (\$40/M)
- South Florida Slash (\$40/M)
- Improved South Florida Slash (\$45/M)
- Andrews 'X' slash (\$35/M)

Containerized Seedlings – No Restrictions

- Longleaf pine (3.3 million)
- South Florida Slash (350,000)
- Improved South Florida Slash (100,000)
- Andrews 'X' Slash (100,000)
- Choctawhatchee Sand (30,000)
- Ocala Sand Pine (30,000)
- Wiregrass (1,000,000)

Container Seedling Prices

- All containerized pine seedlings (longleaf, slash, south Florida slash, sand pines) are \$160/M
- Containerized wiregrass is \$210/M

Containerized Seedling Production

- Winter and Summer Crops
- Overall Better Survival
- Increasing Demand across southeast (All DOF state forest Longleaf orders are for containerized seedlings)
- Requires more room for storage and shipping













Delivery Costs...???

Delivery costs
are \$5.00/M



Redcedars....???

- Redcedars were grown at Andrews Nursery until the early 1990's when production was turned over to private sector nurseries. DOF does not produce redcedar, either bare root or containerized.

Bare Root Redcedar Nurseries

- Stansel Nursery - (386) 963-2827
- Superior Trees - (850) 971-5159
- Central Florida Lands
and Timber Nursery - (386) 294-1211

Thoughts, Concerns,

- Step up bare root or container seedlings to “deep pot” configuration before placement in grove.
- Andrews Nursery used this method to have robust plants ready for replacing nursery windbreaks three years ago.
- Less than a year from container seedling to captured pot.
- Need special nursery configuration to hold pots so they don't fall over.

Longleaf in Deep Pots



Thoughts, Concerns,...

- Install as many types (configurations, species) of windbreaks as possible to start inflow of information.
- Be aware of the genetic origin of the seedlings you purchase.
- Expect surprises/setbacks, be flexible.
- New businesses may develop to support the establishment of windbreaks (e.g. nurseries that take seedlings and step them up to larger, potted stock; windbreak installation companies.)
- Share information.

Have Faith!!!





Drive
Safely!!!