

A close-up photograph of the bark of a Shortleaf Pine tree. The bark is thick, deeply furrowed, and has a reddish-brown to greyish-brown color. The texture is rough and peeling in places. The background is a blurred forest floor with brown leaves and twigs.

Shortleaf Pine Opportunities for Assistance

Tim Albritton
NRCS, State Staff forester
Auburn, AL

Shortleaf Pine's range covers most of Alabama and can be found in most counties.

However, of the 23 million acres of timberland in Alabama only **175,768** acres are comprised of shortleaf pine stands (stands in which pine species comprise over 50% of the dominant and co-dominant trees AND shortleaf pine is the predominant pine species).

The majority of shortleaf pine stands are found in SE Alabama (Barbour, Bullock, Lee, Macon, and Russell Counties)



This shortleaf pine tree is in Montgomery in between the 185 median.
Hannah Albritton

Shortleaf Pine

Facts

- 71% of all shortleaf pine stands are comprised predominantly of sawtimber-sized trees



More Shortleaf Pine Facts

- The “loblolly pine” forest type comprises more acres than any other single forest type in Alabama (7.9 million acres). Within this forest type, there is more shortleaf pine volume than any other species except for loblolly pine and sweetgum. Therefore, despite the small number of acres that are considered to be shortleaf pine stands, shortleaf pine is a prominent species in Alabama

More Shortleaf Pine Facts

Despite the low number of timberland acres comprised of shortleaf pine stands, total shortleaf pine volume ranks 7th out of 130 species in Alabama

Species	Total Volume (Cu. Ft.)
Loblolly pine	11,582,794,319
Sweetgum	2,807,384,236
Water oak	1,869,955,091
Yellow-poplar	1,731,707,486
White oak	1,353,789,347
Longleaf pine	874,836,070
Shortleaf pine	863,440,671

More Shortleaf Pine Facts

- The current shortleaf pine “Champion Tree” is located in **Madison County** and its measurements are: circumference = 129”; height = 91’; average crown spread = 56’

Special Thanks to:

Brian Hendricks

Forest Inventory & Analysis (FIA) Coordinator

Alabama Forestry Commission

Shortleaf Pine (*Pinus echinata*)

- In 2005 Shortleaf was added to the EQIP Tree Establishment species list.
- We believed there was a need to promote a more diverse species list.

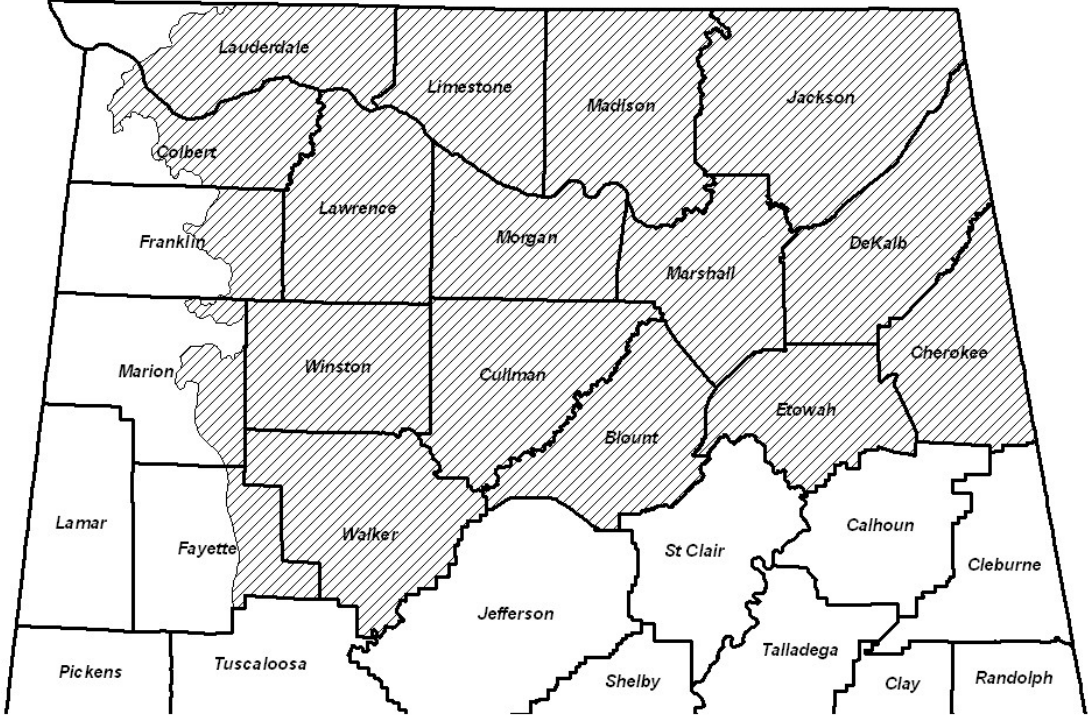
This accomplished **nothing!**

Where is assistance available?

- Limited to north Alabama

Because of littleleaf disease problems in central and south Alabama, shortleaf pine planting is only eligible in the following counties: Blount, Cherokee, Cullman, DeKalb, Etowah, Jackson, Lawrence, Limestone, Madison, Marshall, Morgan, Walker, Winston, and those eastern portions of Colbert, Lauderdale, Fayette, Franklin, and Marion that are outside of the coastal plain soils.

Shortleaf Pine Range



Shortleaf Pine Planting

**Chemical
site prep in
fall of 2006**

**9' x 12'
spacing
with 403
trees per
acre**

**Completed
its 5th
growing
season**





Photo credit: Jim Schrenkel



Photo credit: Jim Schrenkel

EQIP

612 Tree/Shrub Establishment
Shortleaf Pine Ecosystem

Program payments are limited to planting recommended species (containerized). Minimum spacing is 400 TPA and maximum is 684.

(\$16,017 limit per cont. Reg.;
\$19,221 HU – this includes all
practices associated with the
planting- 612, 490, 338, 394, etc.

Payment Rate per acre	\$160.17
HU Rate	\$192.21



EQIP

490 Tree/Shrub Site Preparation

Aerial Chemical

Program payments are limited to site preparation on pasture, idle fields with a predominance of shrubby vegetation, or cut-over forest, using a chemical herbicide.

Payment Rate per acre \$73.00

HU Rate \$87.60



EQIP

338 Prescribed burn

A prescribed burn is usually recommended and is planned as a separate practice.

Payment Rate per acre \$21.00

HU Rate \$25.20



Forest Stand Improvement

- Increasing shortleaf pine production can be achieved with release treatments in mixed pine/hardwood stands

Cain, Michael D. 1991a. Five-year response of natural loblolly and shortleaf pine regeneration to release treatments. Res. Pap. SO-265. New Orleans, LA: U.S. Department of Agriculture, Forest Service, Southern Forest Experiment Station. 13 p.

Other Practices Offered in EQIP

- Understory Release in Mid-Rotation Stands
- Hardwood Crop Tree Release
- Precommercial Thinning
- Prescribed Burning

AL EQIP Deadline

- **October 16, 2015**

For More Information
<http://www.al.nrcs.usda.gov/>

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Welcome to Alabama NRCS!

Financial Assistance Available for Producers Recovering from Tornadoes
NRCS received \$3.8 million in financial assistance to assist producers recovering from the tornadoes that ravaged Alabama during April and May of this year. Applications are being accepted on a continuous basis, however, there are "cut-off" or submission deadline dates for evaluation and ranking of eligible applications. The first submission date will be July 8, 2011.
[More Info - about Assistance](#)

Memorandum of Agreement and Cooperative Agreement Signed With Poarch Band of Creek Indians
Creek Indians (PBCI) Chairman Buford L. Rolin signed a Memorandum of Agreement (MOA) and Cooperative Agreement.
[More Info - about Agreements](#)

USDA Eligibility Workshop Held in Epes, Alabama
On May 10, 2011, the Federation of Southern Cooperatives/Land Assistance Fund in Epes, Alabama, hosted the first Alabama USDA Eligibility Workshop for Socially Disadvantaged Farmers and Ranchers.
[More Info - about Workshop](#)

Snells Win 2011 NRCS Small Farmer Award
Earl and Charisse Snell of Dale County were honored as the Alabama NRCS Small Farmers of the Year during the Outreach/Youth Day in Skipperville, Alabama. The winner is selected for environmental stewardship, innovations, and community leadership.
[More Info - about Snells](#)

Alabama NRCS Receives Disaster Recovery Aid
The USDA-Natural Resources Conservation Service (NRCS) has made available \$600,000 in financial and technical assistance through the Emergency Watershed Protection (EWP) program for disaster recovery aid in Alabama.

Information About:

- Soils
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- Alabama NRCS Employees
- Policy Makers
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75 Years of Conservation

RECOVERY ACT INFORMATION

Local intranet 100%

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A photograph of a forest landscape. In the foreground, there is a field of tall, green grasses and some low-lying shrubs. The middle ground is filled with a dense stand of tall, slender pine trees. The background shows a thick forest of various trees, including some with autumn-colored leaves. The sky is bright and overcast.

Questions

Photo credit: Jim Schrenkel