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Managing a Healthy Forest



Managing a Healthy Forest



What is a Healthy Forest?

- Capacity for renewal
- Resilient
- Meets current and future human needs

Renewal



Renewal



Resilient



Resilient



Meets current and future human
needs



Meets current and future human needs



Forest Stand Conditions

- Over 70% high risk for Southern pine beetle



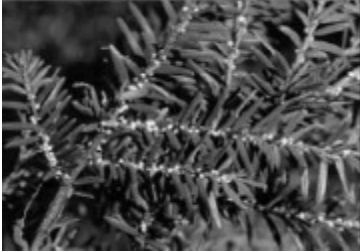
Forest Stand Conditions

- Aging Hardwood Forests



Forest Stand Conditions

- Non-Native invasive pests



Southern Pine Beetle

- Overstocked
- Over mature
- Planted off site



Aging Hardwood Forests

- Over-mature
- Large areas are maturing
- Examples:
 - Oak decline
 - hardwood borers

Non-Native Invasive Pests

- Alarming number of non-native pests
- Examples are chestnut blight, hemlock woolly adelgid, dogwood anthracnose, and non-native invasive plants
- Number of non-native pests is increasing almost daily

Establish Your Desired Future Condition

- Timber
- Wildlife
- Recreation
- Visual Qualities
- Multiple Use
- Agroforestry



What can we do?

- Plant/manage the proper species on the proper site
- Manage non-native invasive species

What can we do?

- Maintain healthy growing conditions
 - Planting Density
 - Thin
 - Harvest at or before maturity
 - Even aged or uneven age
 - Respond promptly to stand damage

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