

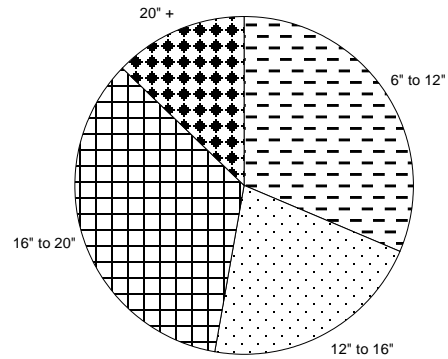
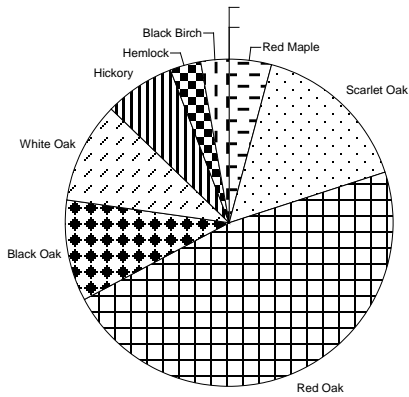
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STAND 5: OAK SAWTIMBER (60 ACRES)



Other Species (not measured)	Yellow birch, sassafras, chestnut oak, black gum, ash and pine
Understory	Light density of young hickory, oak, birch, maple and pine saplings Shrubs: hazel, blueberry where dry and a few patches of laurel
Insect/Disease/Disturbance	Minor hemlock wooly adelgid and black birch canker
Invasives/Vines	None of significance
Canopy Closure	90%
Trees per Acre	130
Basal Area per Acre	100
Volume per Acre	4.5 MBF
Value per Acre	\$1,300 (\$39,000 total)
AGS/UGS	2:1
History	Crop and pasture abandonment ~100 years ago

This stand consists of mostly oak sawtimber growing on rocky hillocks. There are a few large white pines and some thick understory hemlock poletimber along the wetlands. This stand was not part of the 2000 harvest and is basically the same stand as stand 1, except that it has not been thinned.

**RECOMMENDATIONS**

A commercial thinning of this stand will improve the value growth, species composition, and overall vigor of the trees. This thinning will also take out many of the noncommercial cull trees (UGS) that are unnecessarily taking up valuable growing space. This harvest will remove about 1.5 MBF per acre on 30 acres for gross revenue of roughly \$9,000.

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SUMMARY OF MANAGEMENT RECOMMENDATIONS

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The following table summarizes recommended forest management activities for the Baltic property in Sprague, CT for the management period 2006 to 2016. Active management of one's land is an exciting and dynamic process. Adjustments, updates, and revisions may be necessary over time due to unforeseen changes in environmental conditions (disease, insects, fire, and storm damage) or changes in the stated objectives. The extent to which these recommendations are followed is totally up to the Town of Sprague. Please note that timber volume and gross timber revenues are estimates based on current conditions.

\*Staff and volunteers could do work - with some guidance from Connwood

- Locate, blaze, and paint the property boundaries
  - Priority to areas abutting future harvests
- Post boundary, road frontage and entrance points with standardized signs\*
- Harvest/ TSI in stand 5 to produce roughly \$9,000 in gross revenue on 30 acres
- Fuelwood (cordwood) thinning of stands 2 & 4
- Kill the dense barberry and multiflora rose on the west slope of stand 1 – across from the school\*
- Brush out, mark and map an official trail system\*
  - Build a central informational Kiosk \*
  - Establish parking for trails\*
  - Create an interpretive trail \*
- Fix erosion on main access road - south of the reservoir\*
- Fix/replace damaged gates\*
- Remove junk pile in stand 5\*
- Prune, cut vines and remove any hardwood competition from two conifer patches in stand 6\*
- Annual brush cutting within 20' of the two dam structures\*
- Continue mowing the fields and landscaped area to keep them open\*
- Repaint the property boundary blazes every 5 years\*
- Reinventory the forest and update the forest stewardship plan in 2016