

CRUISING / MARKING PRESCRIPTION
Newberry Management Unit
Compartment 41 Stand 41
Luce County
T49N R9W Section 13 – SESW, SWSE
T49N R9W Section 24 – NENW, NWNE

TASKS: Cruise and leave tree mark stand for cutting. Mark cutting boundaries and determine stand acreage. Map boundary line placement using GPS. The total approximate size of stand is 27 acres with an estimated perimeter of boundary line being 75 chains. All work is to be completed by August 15, 2003.

ACCESS INFORMATION: The stand is approximately 20 miles north of Newberry and can be accessed by County Road 500, the Swamp Lakes Road and the Culhane Grade. Follow the inventory map and photos.

STAND DESCRIPTION: The stand is mostly poor quality hardwoods with a mix of conifer species such as spruce, balsam, hemlock, white pine and red pine. The stand has an average Basal Area of 130. The understory is thick in most places with mixed hardwood and mixed conifer regeneration.

TREATMENT OBJECTIVES: Stand is to be shelterwooded by selectively harvesting and leave tree marking tree species to encourage the regeneration of hemlock. Remove all paper birch, red maple, beech and balsam. Retain the all hemlock, yellow birch, spruce & pine. Leave tree mark large beech for mast trees. Residual basal area should be approximately 40.

BOUNDARY LINE PRESCRIPTION:

1. Establish and map boundary line (red paint) placement using a GPS.
2. Determine stand acreage.

MARKING PRESCRIPTION:

1. Leave tree mark 1-2 large beech trees for mast production.
2. Leave tree mark where beech is heavily mixed with hemlock patches and would be difficult to harvest.
3. Retain some beech that are or would have the potential to make good den or cavity trees.
4. Mark all leave trees with green paint.

CRUISING PRESCRIPTION:

1. Cruise all paper birch, red maple, beech & balsam.
2. Do not cruise spruce, yellow birch, hemlock, pine or leave tree marked beech.
3. Mark the exact plot center placing a stick in the ground and flagging it with ribbon. Mark the ribbon with the corresponding plot number.

Volume Determination:

1. Cruise all pulpwood-sized paper birch, red maple, beech and balsam down to 4" D.I.B.
2. Cruise all sawlog-sized red maple, paper birch and beech to a 10" top D.I.B.
3. Cruise with a 10 basal area factor prism.
4. Cruise pattern should run across all stands. Cruise stands at one plot per acre with a 2 X 5 chain spacing between plots.

A meeting will be held between the contract administrator and the contractor before work begins to cover questions and other specifics. Contact administrators at the Newberry Field Office are:

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