

CRUISING/MARKING PRESCRIPTION
Newberry Management Unit
Compartment 47 Stands 74, 82, 83
Luce County
T48N R8W Section 8 – SW1/4

TASKS: Cruise stands 74, 82 and 83 for final harvest. Mark cutting boundaries and determine stand acreage. Map boundary line placement using GPS. The total approximate size of stands 74, 82 and 83 is 37 acres with an estimated perimeter of boundary line being 20 chains blue line and 110 chains red line. Private property line work for stand 83 will need to be established by running line between known DNR corners; private landowners have already established a blue line along their property. All work is to be completed by August 15, 2003.

ACCESS INFORMATION: The stands are just off Co Rd 500, and red paint will not be necessary along Co Rd (see inventory map).

STAND DESCRIPTION: Stand 74 (approx. 7 acres) consists mainly of aspen, maple, hemlock and balsam fir, although white pine, white spruce, paper birch and yellow birch may be present. The understory consists mostly of northern hardwood and is generally thick in most places. Stand 82 (approx. 15 acres) consists of aspen, beech, red maple, balsam fir, white spruce and white pine. The understory consists mostly of red maple. Stand is on wet ground. Stand 83 (approx. 15 acres) consists of red and sugar maple, beech, aspen and balsam fir. The understory consists mostly of hardwood, but some balsam fir/spruce is present.

TREATMENT OBJECTIVES: Stand will be final harvested to encourage the regeneration of aspen and fir/spruce. Retain species components such as white pine, hemlock, pulp-size white spruce, and yellow birch for aesthetics, diversity and seed sources.

BOUNDARY LINE PRESCRIPTION:

1. Use discretion when placing boundary lines, keeping in mind equipment limitations, Best Management Practices and merchantability issues.
2. Establish and map boundary line (red, blue paint) placement using a GPS.
3. Determine stand acreage.

CRUISING/MARKING PRESCRIPTION (stand 74,82,83):

1. Mark 1-2 leave trees/acre (in stands 74,83), including large diameter beech and red maple. Mark with green paint, placing paint around the circumference, and also at the stump. These trees are being left for wildlife.
2. Cruise all aspen, paper birch, maple, beech, white spruce and balsam fir.
3. All white pine, hemlock, and white spruce pulp is to be left as residual and does not need to be cruised.
4. 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 aspen, paper birch, maple, spruce and balsam fir down to 4" D.I.B.
2. Cruise any sawlog quality hardwood, white spruce that may exist to 10" D.I.B.
3. Cruise with a 10 basal area factor prism.
4. Cruise stand at one plot per acre with point spacing to be determined after the boundary line work is complete.

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:

Keith Magnusson
(906)293-3293
magnussk@michigan.gov

Theresa Sysol
(906)293-3293
sysolt@michigan.gov

Dave Lemmien
(906)293-3293
lemmiend@michigan.gov