

MARKING PRESCRIPTION
Newberry Forest Management Unit
Compartment 25 Stands 21
Luce County
T49N R10W Sec 9 – SW1/4
T49N R10W Sec 16 – NW1/4

TASKS: Selectively mark red and white pine in this stand. The total area to be treated is approximately 41 acres. The marking area is to be bounded by red paint and mapped using GPS. There are approximately 125 chains of boundary line to be established. The attached type map delineates sale area. All work is to be completed by August 15, 2003.

ACCESS INFORMATION: The stand is approximately 25 miles north of Newberry. The stand can be accessed by the County Road 410. Follow the inventory map and photos.

STAND DESCRIPTION: Stand mainly consists of red pine with a mix of white pine. There is a minor component, paper birch, red maple, black spruce, jack pine and aspen. This stand is natural and has not recently been thinned. The current basal area is approximately 160. There are some patches of white and red pine reproduction in the understory, but is generally open throughout. The terrain is fairly level throughout stand.

TREATMENT OBJECTIVES: The stand is to be marked with the objective of releasing and enhancing the growth and quality of residual red and white pine trees along with promoting the growth of new and existing reproduction. Remove all aspen, spruce, red maple and jack pine that may exist. Retain all paper birch and oak that may exist.

BOUNDARY LINE PRESCRIPTION:

1. Boundary line (red paint) does not need to be painted on along County Road 410.
2. Establish and map boundary line placement using a GPS.
3. Determine stand acreage.
4. Locate and protect all survey corners within sale boundary.

MARKING PRESCRIPTION:

1. Mark red and white pine to improve quality and growth of residual trees. Retain high quality trees. Residual Basal Area should be approximately 80 – 100.
2. Mark pine stand to improve maneuverability within the stand for logging operations to occur.
3. Mark all red and white pine cut trees with yellow paint.
4. Retain some den or cavity trees if present, or retain potential trees if den/cavity trees are not present.
5. Tally all aspen, red maple, jack pine, balsam & spruce that may exist.
6. Leave all paper birch.

Volume Determination:

1. Use a 100% tally on all marked red and white pine sawlogs. Sawlogs are cruised to a 10" top D.I.B. Sawlog trees are to be marked with an "X" and dots painted to coincide with the amount of sawlogs tallied in the tree. Use a 1/20 tally on all marked red and white pine pulp.
2. Tally all pulpwood-sized aspen, red maple, jack pine, spruce and balsam down to 4" D.I.B. Use a 1/10 tally on these species. They do not need to be marked, just tallied.

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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