



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7612**

SCHEDULED SALE DATE AND TIME: **3:00 p.m. (local time) on May 8, 2025.**

LOCATION: **NEWBERRY MGMT UNIT, 5666 S STATE HWY M 123, NEWBERRY, MI 49868.**

CONTACT NAME: Keith Magnusson

PHONE NUMBER: (906) 291-0120

PROSPECTUS NOTE: The bidder is advised to inspect the sale area and review the location, estimated volumes, operating costs and contract terms of proposed sales. Please be aware that some landowners may request 60 days or more notice for access across their land.

Notice is hereby given that bids will be received by the Unit Manager, NEWBERRY MANAGEMENT UNIT, for certain timber on the following described lands:

Agent Orange Hardwoods (42-015-24) / T45N, R09W, SEC. 34, SENW,S1/2NE,NESW,N1/2SE.  
Luce County, Advertised Price \$59,433.15, 88.4 Acres, Hardwood, Sugar Maple.

SALE NOTE: Within Payment Unit 1, harvesting is not permitted during the period of April 15 to July 15 because of bark slippage.

The Mcleod Truck Trail is a snowmobile trail and is shown on the Timber Sale Map.  
See Sale Spec 5.2.41 for specific information.

A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity.  
Certain restrictions/specifications may be applicable including time restrictions.

## TIMBER SALE INFORMATION

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T45N, R09W, SEC. 34.

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A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the Inventory Manager computer program and the new Michigan taper model. Bids must be at or above the following advertised price for each product and species:

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Black Cherry	2.1 MBF	\$ 98.00 / MBF
Paper Birch	0.7 MBF	\$ 35.00 / MBF
Red Maple	80.1 MBF	\$ 36.00 / MBF
Sugar Maple	138.4 MBF	\$ 282.00 / MBF
Pulpwood		
Balsam Fir	135 Cords	\$ 8.00 / Cord
Black Spruce	11 Cords	\$ 5.00 / Cord
Mixed Hardwood	135 Cords	\$ 9.75 / Cord
Red Maple	584 Cords	\$ 9.75 / Cord
Red Pine	34 Cords	\$ 42.20 / Cord
Sugar Maple	738 Cords	\$ 9.75 / Cord
White Pine	38 Cords	\$ 13.55 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 12.70 percent. There are an estimated 2,194 cords on this timber sale, plus or minus 279 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

### **BOND AND PAYMENT SCHEDULE:**

1. A bond in the amount of \$2,971.66 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule :
  - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
  - (b) The 10% down payment will be credited towards the first unit cut.
  - (c) Payment for each of the following units must be made before cutting begins in that unit:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	27.2%
02	38.7%
03	34.1%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2028.

### **SALE STATISTICS**

Volumes were calculated in cubic feet using the Michigan taper model. Cubic foot volume includes all wood inside bark for the product indicated. For display purposes, cubic feet were converted to cords and MBF using a simple conversion factor, e.g. 79 cubic feet per cord and 185 cubic feet per MBF. The cubic foot volumes are precise; the cords and MBF volumes are not. Cubic foot volume cannot be directly converted to cords or boards with precision.

## SALE VOLUMES

The total estimated sale volume may not equal the sum of the species/products due to the nature of statistical calculations associated with double sampling methodology.

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
173,333	2,194	12.70%	1,915	2,473

## VDU VOLUMES

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

	VOLUME			RANGE IN CORDS	
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
9	38,573	488	22.51%	378	598
92	134,760	1,706	15.08%	1,449	1,963
<b>TOTAL:</b>	<b>173,333</b>	<b>2,194</b>		<b>1,827</b>	<b>2,561</b>

## VDU TO PAYMENT UNIT

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

VDU	VDU ACRES	PU	PU ACRES
9	23.2	1	23.2
92	65.2	2	34.7
92	65.2	3	30.5
<b>TOTAL:</b>	<b>153.6</b>		<b>88.4</b>

**DESCRIPTION OF TIMBER BY PU (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black Cherry	Sawtimber	1.6	MBF	23.2	\$16,183.60
	Paper Birch		0.7	MBF		
	Red Maple		15.1	MBF		
	Sugar Maple		43.1	MBF		
	Balsam Fir		4	Cords		
	Black Spruce		11	Cords		
	Mixed Hardwood		40	Cords		
	<i>Beech</i>		28	Cords		
	<i>Black Cherry</i>		2	Cords		
	<i>Ironwood</i>		2	Cords		
	<i>Paper Birch</i>		8	Cords		
	Red Maple		58	Cords		
	Sugar Maple		232	Cords		
2	Black Cherry	Sawtimber	0.3	MBF	34.7	\$23,003.25
	Red Maple		34.6	MBF		
	Sugar Maple		50.7	MBF		
	Balsam Fir		70	Cords		
	Mixed Hardwood		50	Cords		
	<i>Beech</i>		5	Cords		
	<i>Black Cherry</i>		25	Cords		
	<i>Ironwood</i>		11	Cords		
	<i>Paper Birch</i>		2	Cords		
	<i>Quaking Aspen</i>		4	Cords		
	<i>Red Oak</i>		3	Cords		
	Red Maple		280	Cords		
	Red Pine		18	Cords		
	Sugar Maple		269	Cords		
	White Pine		20	Cords		
	3		Black Cherry	Sawtimber		
Red Maple		30.4	MBF			
Sugar Maple		44.6	MBF			
Balsam Fir		61	Cords			
Mixed Hardwood		45	Cords			
<i>Beech</i>		5	Cords			
<i>Black Cherry</i>		22	Cords			
<i>Ironwood</i>		10	Cords			
<i>Paper Birch</i>		2	Cords			
<i>Quaking Aspen</i>		4	Cords			
<i>Red Oak</i>		2	Cords			
Red Maple		246	Cords			
Red Pine		16	Cords			
Sugar Maple		237	Cords			
White Pine		18	Cords			
TOTAL:			221.3		MBF	
TOTAL:			1,675	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: Agent Orange Hardwoods**

**Sale Number: 42-015-24 Seq#: 2**

### **1 - Sale Area**

#### **1.2 - Boundaries**

##### **1.2.1 - Painted Boundaries (9/19)**

The sale boundary and Payment Unit boundaries are marked and identified by red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

### **2 - Timber Specifications**

#### **2.1 - Included Timber**

##### **2.1.1 - Clearcut Unit(s) with Unmerchantable Trees (6/14)**

Within Payment Unit(s) 2 and 3, cut all trees that are two (2) inches or more at DBH.

##### **2.1.7 - Leave Tree Marked Unit(s) (6/14)**

Within Payment Unit(s) 1, all trees which meet minimum piece specifications in 2.2 Utilization are designated for cutting except trees marked with green paint above and below stump height.

#### **2.2 - Utilization**

##### **2.2.3 - Stump heights (4/07)**

Stump heights within Units 2 and 3 shall not exceed 10 inches for trees greater than 10 inches DBH and four (4) inches for trees smaller than 10 inches DBH. This is in order to facilitate planting operations.

### **3 - Payments**

#### **3.3 - Pre-measured Sales**

##### **3.3.4 - Dividing Payment Units (7/14)**

Payment Unit(s) may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division per Payment Unit.

### **4 - Transportation**

#### **4.1 - Construction**

##### **4.1.3 - Slash and Earthen Piles (8/04)**

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be dispersed throughout the sale, chipped, utilized or otherwise removed from the sale.

##### **4.1.4 - Timber Removed for Construction (3/23)**

Trees cut or damaged in the process of pre-approved road, landing, or skid trail construction will be decked in an area separate from other Designated Timber and not removed until measured by the Sale Administrator. Payment will be made at contract prices or average prices, if not on the contract. Note: There is a pre-approved road in Payment Unit 1 that is indicated as the haul road on the Timber Sale Map.

##### **4.1.6 - Road Construction (4/24)**

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back from the road edge. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge.

Disturbed soil shall be feathered into the woods and not left in berms or windrows.

#### 4.1.7 - Road Closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing double earthen berms at strategic locations. Stumps and brush must be placed along the remainder of the trail. Berms must also be placed at intervals of not over 50 feet and at all junctions. These roads must be rendered impassable to cars and trucks. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the Sale Administrator for specific details of design and placement.

### 4.2 - Maintenance

#### 4.2.2 - Fill Material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins. Contact the Sale Administrator regarding the availability of onsite sand or gravel from adjacent State-owned lands.

#### 4.2.3 - Road maintenance (8/13)

The following road maintenance is required: Within 60 days of completion of hauling, or if no hauling occurs for 60 days, the road must be maintained and graded. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. Damages will be assessed if grading/repair does not occur.

#### 4.2.4 - Grading (10/16)

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bulldozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

#### 4.2.5 - Two Wheel Drive Condition (2/04)

All existing trail roads on and adjacent to the Sale Area must be passable by two-wheel drive traffic for the duration of the sale.

## 5 - Operations

### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

##### 5.2.1.8 - Slash Height (12/08)

No slash or treetops may exceed 24 inches in height.

##### 5.2.1.11 - Slash for Reforestation (3/21)

Within Payment Units 2-3, chipping is encouraged as it is the most effective and efficient way to mitigate slash for reforestation. To facilitate reforestation, the Sale Area, or Payment Units 2-3, shall be left with slash evenly distributed. Bunched tops within the cutting area shall be broken up and scattered. Stumps shall be cut low to the ground. Processing sites shall not be left with a compacted layer of slash; tops from these sites shall be hauled back into the cut area and scattered.

#### 5.2.2 - Hazard Trees/Snags

##### 5.2.2.1 - Den Trees (10/16)

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard.

#### 5.2.3 - Operating Restrictions

##### 5.2.3.3 - Bark Slippage Restriction (3/09)

Within Payment Unit(s) 1, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

#### 5.2.32 - Decking/Landing Restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.

#### 5.2.41 - Snowmobile Trail Protection (9/11)

The Mcleod Truck Trail is a snowmobile trail and is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1. If the trail is to be used for hauling during the snowmobile season, then a snow-covered base must be left on the trail. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. No decking of forest products will be permitted along the snowmobile trail. All stumps within 20 feet of the snowmobile trail must be cut at ground level.

### 5.4 - Soil Protection

#### 5.4.1 - Rutting Restriction, General (7/16)

The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

### 5.8 - Protection of Endangered Species

#### 5.8.5 - Protection of Raptor Nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an onsite evaluation and recommendation can be made, if necessary.

## 6 - Safety and Fire Prevention

### 6.2 - Signing

#### 6.2.2 - Snowmobile Trail Posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Mcleod Truck Trail prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The DNR will provide these signs.



**TIMBER SALE MAP**

This information provided by authority of Part 525, 1994 PA 451, as amended.

Sale Number  
42-015-24

Date  
10/14/2024

Forest Management Unit  
**Newberry Mgt Unit**

County  
**Luce**

Mapped By: **A. Ciaramitaro**

Cruised By: **Newberry Unit Staff**

Scale  
1:15,840

Page  
1

Of  
1

Township  
45N

Range  
09W

Section(s) and  
Subdivision(s)  
Sec. 34 SENW,S1/2NE,NESW,N1/2SE;

**Cover Type**

A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush
B = Paper Birch	K = Rock	P = Lowland Poplar	UM = Upland Mix Forest
C = Cedar	L = Lowland Brush	Q = Mixed Swamp Conifer	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mix Forest	R = Red Pine	W = White Pine
E = Swamp Hardwoods	M = Maple, Beech, Birch	S = Black Spruce	X = Non Stocked
F = Spruce/Fir	MC = Mixed Conifer	T = Tamarack	Y = Sand
G = Grass	MD = Mixed Deciduous		Z = Water
H = Hemlock	N = Marsh		

**Density**

0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

**Agent Orange Hardwoods**  
Compartment: 42127 Acres: 88.4

PU # Acres

1	23.2
2	34.7
3	30.5



**Legend**

- Payment Unit
- Against State (Red)
- Payment Unit (Yellow)
- Private Boundary (Blue)
- Motorcycle Trails
- Snowmobile Trails
- Primary Forest Road
- Forest Access Route
- Private Road
- Temporary Management Access
- Survey Grade Corner
- MIRIS Section Corner
- Lakes and Rivers
- Recreational Trail
- Stand
- Haul Road

**Locator Map**

