



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7520**

SCHEDULED SALE DATE AND TIME: **9:00 a.m. (local time) on December 10, 2024.**

LOCATION: **ROSCOMMON MGMT UNIT, PO BOX 218, ROSCOMMON, MI 48653.**

CONTACT NAME: Jason Lewicki

PHONE NUMBER: (989) 745-5870

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, ROSCOMMON MANAGEMENT UNIT, for certain timber on the following described lands:

Brass Jackpot Mix (71-012-24) / T22N, R01W, SEC. 10, W1/2NW,NE.
T22N, R01W, SEC. 3, NW,SWNE,NESW.

Roscommon County, Advertised Price \$228,668.25, 155.8 Acres, Aspen, Hardwood.

SALE NOTE: The sale consists of 2 aspen clearcuts and 1 smaller leave tree cut south of St Helen, Michigan. Payment Unit 6 of the sale includes an operating restriction from the period of May 1 to October 1 to protect habitat for the threatened Eastern Massasauga rattlesnake. The ORV route within Payment Units 1-3 is to be protected.

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

Brass Jackpot Mix (71-012-24)
 T22N, R01W, SEC. 10; T22N, R01W, SEC. 3.
 Roscommon County (Advertised Price \$228,668.25)

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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.

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 & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Balsam Fir	1.3 MBF	\$ 48.00 / MBF
Black/Red (Hybrid) Oak	209.4 MBF	\$ 132.00 / MBF
Mixed Aspen	603.0 MBF	\$ 92.00 / MBF
Red Maple	29.8 MBF	\$ 83.00 / MBF
Red Pine	79.6 MBF	\$ 126.00 / MBF
White Oak	24.0 MBF	\$ 74.00 / MBF
White Pine	49.8 MBF	\$ 82.00 / MBF
Pulpwood		
Balsam Fir	27 Cords	\$ 23.55 / Cord
Mixed Aspen	2,383 Cords	\$ 38.30 / Cord
Mixed Hardwood	649 Cords	\$ 24.80 / Cord
Mixed Oak	532 Cords	\$ 23.70 / Cord
Red Pine	78 Cords	\$ 50.45 / Cord
White Pine	63 Cords	\$ 41.00 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 11.05 percent. There are an estimated 6,063 cords on this timber sale, plus or minus 670 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 \$11,433.41 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:

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	32.2%
02	25.0%
03	16.4%
04	10.1%
05	10.5%
06	5.8%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2026.

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
478,951	6,063	11.05%	5,392	6,733

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
3	101,187	1,281	21.29%	1,008	1,553
13	351,072	4,444	13.67%	3,836	5,052
157	26,691	338	29.17%	239	436
TOTAL:	478,951	6,063		5,084	7,042

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
3	41.6	4	20.4
		5	21.2
13	94.0	1	41.1
		2	31.9
		3	21.0
157	20.2	6	20.2
TOTAL:	155.8		155.8

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black/Red (Hybrid /Red (Hybrid) Oak Red Oak Mixed Aspen B. T. Aspen Quaking Aspen Red Maple Red Pine White Oak White Pine Mixed Aspen B. T. Aspen Quaking Aspen Mixed Hardwood Paper Birch Pin Cherry Red Maple Mixed Oak /Red (Hybrid) Oak Red Oak White Oak Red Pine White Pine	Sawtimber	71.4	MBF	41.1	\$73,576.70
			0.4	MBF		
			71.0	MBF		
			199.8	MBF		
			186.9	MBF		
			12.9	MBF		
			7.9	MBF		
			14.2	MBF		
			9.1	MBF		
			10.1	MBF		
			Pulpwood	853		
		745		Cords		
		108		Cords		
		185		Cords		
		2		Cords		
		1		Cords		
		182		Cords		
		155		Cords		
		7		Cords		
		134		Cords		
		14		Cords		
		12		Cords		
		7	Cords			
2	Black/Red (Hybrid /Red (Hybrid) Oak Red Oak Mixed Aspen B. T. Aspen Quaking Aspen Red Maple Red Pine White Oak White Pine Mixed Aspen B. T. Aspen Quaking Aspen Mixed Hardwood Paper Birch Pin Cherry Red Maple Mixed Oak /Red (Hybrid) Oak Red Oak White Oak Red Pine White Pine	Sawtimber	55.3	MBF	31.9	\$57,120.80
			0.3	MBF		
			55.0	MBF		
			155.1	MBF		
			145.1	MBF		
			10.0	MBF		
			6.2	MBF		
			11.0	MBF		
			7.1	MBF		
			7.9	MBF		
			Pulpwood	662		
		578		Cords		
		84		Cords		
		143		Cords		
		2		Cords		
		1		Cords		
		140		Cords		
		121		Cords		
		5		Cords		
		105		Cords		
		11		Cords		
		10		Cords		
		5	Cords			
3	Black/Red (Hybrid /Red (Hybrid) Oak Red Oak Mixed Aspen B. T. Aspen Quaking Aspen Red Maple Red Pine White Oak	Sawtimber	36.4	MBF	21.0	\$37,518.20
			0.2	MBF		
			36.2	MBF		
			102.1	MBF		
			95.5	MBF		
			6.6	MBF		
			4.1	MBF		
			7.2	MBF		
			4.6	MBF		

DESCRIPTION OF TIMBER BY PU (PU), CON'T

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE		
3 con't	White Pine	Sawtimber	5.2	MBF				
	Mixed Aspen	Pulpwood	435	Cords				
	<i>B. T. Aspen</i>		380	<i>Cords</i>				
	<i>Quaking Aspen</i>		55	<i>Cords</i>				
	Mixed Hardwood		93	Cords				
	<i>Paper Birch</i>		1	<i>Cords</i>				
	<i>Red Maple</i>		92	<i>Cords</i>				
	Mixed Oak		79	Cords				
	<i>/Red (Hybrid) Oak</i>		3	<i>Cords</i>				
	<i>Red Oak</i>		69	<i>Cords</i>				
	<i>White Oak</i>		7	<i>Cords</i>				
	Red Pine		6	Cords				
White Pine	4	Cords						
4	Balsam Fir	Sawtimber	0.6	MBF	20.4	\$23,035.05		
	Black/Red (Hybrid		10.9	MBF				
	<i>/Red (Hybrid) Oak</i>		5.6	<i>MBF</i>				
	<i>Red Oak</i>		5.3	<i>MBF</i>				
	Mixed Aspen		70.6	MBF				
	<i>B. T. Aspen</i>		23.3	<i>MBF</i>				
	<i>Quaking Aspen</i>		47.3	<i>MBF</i>				
	Red Maple		5.5	MBF				
	Red Pine		13.9	MBF				
	White Oak		0.9	MBF				
	White Pine		8.1	MBF				
	Balsam Fir		Pulpwood	13			Cords	
	Mixed Aspen			210			Cords	
	<i>B. T. Aspen</i>			36			<i>Cords</i>	
	<i>Quaking Aspen</i>	174		<i>Cords</i>				
	Mixed Hardwood	106		Cords				
	<i>Paper Birch</i>	Sawtimber		0.6			<i>MBF</i>	
	<i>Paper Birch</i>			Pulpwood			2	<i>Cords</i>
	<i>Pin Cherry</i>						4	<i>Cords</i>
	<i>Red Maple</i>						99	<i>Cords</i>
	Mixed Oak						30	Cords
	<i>/Red (Hybrid) Oak</i>						22	<i>Cords</i>
	<i>Red Oak</i>						5	<i>Cords</i>
	<i>White Oak</i>	3		<i>Cords</i>				
	Red Pine	8	Cords					
	White Pine	1	Cords					
	5	Balsam Fir	Sawtimber	0.7			MBF	21.2
Black/Red (Hybrid		11.3		MBF				
<i>/Red (Hybrid) Oak</i>		5.8		<i>MBF</i>				
<i>Red Oak</i>		5.5		<i>MBF</i>				
Mixed Aspen		73.5		MBF				
<i>B. T. Aspen</i>		24.2		<i>MBF</i>				
<i>Quaking Aspen</i>		49.3		<i>MBF</i>				
Red Maple		5.7		MBF				
Red Pine		14.4		MBF				
White Oak		0.9		MBF				
White Pine		8.5	MBF					
Balsam Fir		Pulpwood	13	Cords				
Mixed Aspen			220	Cords				
<i>B. T. Aspen</i>			38	<i>Cords</i>				
<i>Quaking Aspen</i>			182	<i>Cords</i>				
Mixed Hardwood			112	Cords				

DESCRIPTION OF TIMBER BY PU (PU), CON'T

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE			
5 con't	<i>Paper Birch</i>	<i>Sawtimber</i>	0.7	<i>MBF</i>					
	<i>Paper Birch</i>	<i>Pulpwood</i>	3	<i>Cords</i>					
	<i>Pin Cherry</i>		5	<i>Cords</i>					
	<i>Red Maple</i>		103	<i>Cords</i>					
	Mixed Oak		32	<i>Cords</i>					
	<i>/Red (Hybrid) Oak</i>		23	<i>Cords</i>					
	<i>Red Oak</i>		6	<i>Cords</i>					
	<i>White Oak</i>		3	<i>Cords</i>					
	Red Pine		9	<i>Cords</i>					
	White Pine		1	<i>Cords</i>					
6	Black/Red (Hybrid)	Sawtimber	24.1	MBF	20.2	\$13,291.20			
	<i>/Red (Hybrid) Oak</i>		11.1	<i>MBF</i>					
	<i>Red Oak</i>		13.0	<i>MBF</i>					
	Mixed Aspen		1.9	MBF					
	<i>B. T. Aspen</i>		1.9	<i>MBF</i>					
	Red Maple		0.4	MBF					
	Red Pine		18.9	MBF					
	White Oak		1.4	MBF					
	White Pine		10.0	MBF					
	Balsam Fir	Pulpwood	1	Cords					
	Mixed Aspen		3	Cords					
	<i>B. T. Aspen</i>		3	<i>Cords</i>					
	Mixed Hardwood		9	Cords					
	<i>Red Maple</i>		9	<i>Cords</i>					
	Mixed Oak		115	Cords					
	<i>/Red (Hybrid) Oak</i>		25	<i>Cords</i>					
	<i>Red Oak</i>		21	<i>Cords</i>					
	<i>White Oak</i>		69	<i>Cords</i>					
	Red Pine		33	Cords					
	White Pine		45	Cords					
	TOTAL:			996.9			MBF		
	TOTAL:			3,731			Cords		

Sale Specific Conditions & Requirements

Sale Name: Brass Jackpot Mix

Sale Number: 71-012-24 Seq#: 1

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 blue, red and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. 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) 1-5, 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) 6, cut all trees that are four (4) inches or more at DBH, except do not cut trees marked with green paint above and below stump height.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 12 inches.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1 and 2 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.

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. No damage is acceptable to undesignated live merchantable trees. Within Payment Unit 6, if more than 5% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

4 - Transportation

4.1 - Construction

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 a four (4') foot high berm of stumps and logs covered with earth. These roads must be rendered impassable to cars and trucks. Contact the Sale Administrator for specific details of design and placement.

4.2 - Maintenance

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

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 5 days in advance to schedule the conference.

5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 5 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 24 inches in height.

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 6, cutting, skidding, and hauling are not permitted during the period of May 1 to October 1. This restriction is to protect habitat for the threatened Eastern Massasauga rattlesnake.

5.2.3.4 - Oak wilt restriction, no exceptions (1/18)

Within Payment Unit(s) 6, cutting, skidding, and hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Unit(s) 1-3, unless changed by written agreement, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high risk period. Those steps may include completing all road brushing before April 15th and clearing a tree-length buffer along uncut oak cover before April 15th. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

5.2.3.11 - Coppice regeneration protection (4/10)

Timber harvesting within the Sale Area must be completed before significant aspen sprouting occurs in that Payment Unit so as to minimize damage to the new regeneration. Any post harvest operations, such as chipping, must be completed before sprouting of regeneration occurs. If it is anticipated that chipping will be delayed, then tops shall be carried to one central location or left unchipped. The Unit Manager or his/her representative may cease such operations if sprouting occurs before the operation is complete.

5.2.3.15 - Oak wilt restriction, access roads (11/23)

Brushing of access roads to Payment Unit(s) 4 & 5 must be completed prior to April 15 in order to use these roads for

hauling timber or moving machinery between April 15 and July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

5.2.4 - Dead and Down Creation

5.2.4.2 - Dead and down creation, hare and grouse (1/14)

To improve habitat for snowshoe hare, grouse, and other species, the Purchaser is to leave two 9 inch diameter or larger log size pieces on the ground for every four acres within Payment Units 1-5. They should be scattered throughout the sale or positioned per the Sale Administrator's instructions. If possible, the logs or trees should be felled so they overlap. Note these pieces should have a minimum length of five feet. They can be of any tree species and can be an un-merchantable piece of wood or a full tree.

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.

5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

5.2.39 - ORV trail/route protection (4/18)

An ORV route is shown on the Timber Sale Map. Do not cut or damage posts with yellow ORV markers. Trees with yellow ORV markers shall be cut off above the markers and at least 5 feet above ground. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline. Skidding across the trail or route may only occur in locations approved by the Sale Administrator.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. 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.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Romancky Road, St. Helen Road, and any state forest roads used for hauling prior to beginning operations. The road 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 Purchaser will provide these signs.

6.2.3 - Recreational trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the ORV route shown on the Timber Sale Map prior to beginning operations. The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic at both ends of the trail. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.



TIMBER SALE MAP

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

Sale Number 71-012-24	Date 09/30/2024	
Scale 1:15,840	Page 1	Of 1

Forest Management Unit Roscommon Mgt Unit	County Roscommon	Mapped By: Avery Sanborn
		Cruised By: Avery Sanborn

Township 22N	Range 01W	Section(s) and Subdivision(s) Sec. 10 W1/2NW,NE; Sec. 3 NW,SWNE,NESW;
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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

PU #	Acres	PU #	Acres
1	41.1	4	20.4
2	31.9	5	21.2
3	21	6	20.2

Brass Jackpot Mix

155.8 Acres



Legend	
Against State (Red)	Non-DNR Road
Stand	Highway
Sections	ORV Route
Payment Unit (Yellow)	Field Grade Corner
Private Line (Blue)	MIRIS Section Corner
Recreational Trail	Retention Areas
Secondary Forest Road	
Forest Access Route	
Administrative Access Only	

Retention island located under payment unit 2 label.

