

## RECOMMENDED TIMBER SALES

### CONIFER SALES

- 2011 DIXON LOT – Stand #1, 5\*, 6, 9, 10, 11, 14, 15, 18 and 19
- 2012 SNYDER LOT – Stand #1, 2, 3, 6, 7, 8 and 10\*\*
- 2013 WEIR LOT – Stand #3, 5, 7, 11, 16 and 17
- 2014 C. HORNER LOT – Stand #6\*, 7, 9, 13 and 14
- 2015 COLEMAN LOT – Stand #2, 4, 5, 6, 10, 12 and 13  
SANITARIUM LOT – Stand #3, 5, 6 and 7\*\*\*
- 2016 ENGLE LOT – EAST SIDE – Stand #1, 3, 4, 9 and 10  
WEST SIDE – Stand #7 and 8
- 2017 TRAVIS LOT – Stand #12, 14 and 18  
PHIPPEN LOT – Stand #3 and 5
- 2018 NEETZ LOT – Stand #1, 2, 5 and 6  
HELMER LOT – Stand #2  
GRIFFIN LOT – Stand #2, 3\*, and 4\*

### HARDWOOD SALES

- 2013 WEIR LOT – Stand #2, 3, 13 and 14
- 2019 BENNETT LOT – Stand #1 and 3
- 2021 PINE LOT – Stand #2, 9, 10, 14, 15, 16 and 22
- 2022 TRAVIS LOT – Stand #6, 7, 8, 9, 10, 13, 15 and 16
- 2023 TRAVIS LOT – Stand #2, 3 and 4
- 2024 C. HORNER LOT – Stand #2, 3, 5 and 12  
PHIPPEN LOT – Stand # 1 and 6
- 2025 ENGLE LOT – WEST SIDE – Stand #3, 5 and 9
- 2026 METZ LOT – Stand #6, 8, 9 and 10

- \* Hardwood Pulp  
\*\* Leave Large spruce  
\*\*\* Leave white pine and Norway spruce

## **HARDWOOD STANDS IN NEED OF THINNING AND CULL REMOVAL**

1. C. Horner Lot – Stand #1\*, 2, 4\*, 5, 8 and 12.
2. Coleman Lot – Stand #7, 8 and 11
3. Dixon Lot – Stand #2 and 3\*
4. Engle Lot – East Side – Stand #5 and 6
5. Griffin Lot – Stand #1, 3 and 4
6. Helmer Lot – Stand #9 and 10
7. Horner Lot – Stand #4 and 5
8. Phippen Lot – Stand #1 and 7
9. pine Lot – Stand #2, 11, 20 and 21
10. Sanitarium Lot – Stand #2
11. Snyder Lot – Stand #4
12. Travis Lot – Stand #1 and 11
13. Weir Lot – Stand #6, 7 and 8

\* High Priority

## **CONIFER STANDS IN NEED OF THINNING**

1. Pine Lot – Stand #7
2. Weir Lot – Stand #10

## **HARDWOOD PULPWOOD OR FUEL WOOD SALES**

1. Dixon Lot – Stand #5 and 10
2. Engle Lot – Stand #11
3. Snyder Lot – Stand #9

## **CHECK FOR ADDITONAL THINNING AFER EMERAL ASH BORER ATTACK**

1. Engle Lot – West Side – Stand #5
2. Horner Lot – Stand #3B

## CHECK FOR ADDITIONAL THINNING AFTER TIMBER SALE

1. Travis Lot – Stand #6, 7, 8 and 13
2. Neetz Lot – Stand #2

## STANDS NEEDING INVASIVE SPECIES, FERNS, AND STRIPED MAPLE CONTROL

1. Bennett Lot – Stand #3\*\*
2. C. Horner Lot – Stand #2, 6, 7, 8, 9, 10\*, 13 and 14
3. Coleman Lot – Stand #2, 4, 5, 6, 9, 10, 12, 13 and 14
4. Dixon Lot – Stand #1, 4, 5, 7, 9, 11, 12\*, 13\*, 15, 16, 17, 18, 19 and 20
5. Engle Lot – East Side – Stand #1, 2, 3, 4\*, 7, 9, and 10
6. Engle Lot – West Side – Stand #7, 8, 9, 10 and 11
7. Griffin Lot – Stand #1, 5, and 6\*
8. Helmer Lot – Stand #1\*\*, 2 and 3\*\*
9. Hooker Lot – Stand #1\*\*\*
10. Horner Lot – Stand #3A & B, 4 and 5
11. Metz Lot – Stand #7
12. Neetz Lot – Stand #1, 2 and 3\*\*
13. Phippen Lot – Stand #1, 3, 4, 5 and 6
14. Pine Lot – Stand #1 and 14
15. Sanitarium Lot – Stand #2, 3\*, 6 and 7
16. Silsby Lot – Stand #2\*\*, 3\*\*, and 5
17. Snyder Lot – Stand #1, 2, 3, 5, 6, 7, 9, 10 and 11
18. Travis Lot – Stand #5
19. Weir Lot – Stand #3, 5, 9, 10, 11, 16 and 17

- \* High Priority
- \*\* Striped maple
- \*\*\* Ferns

## **STANDS MOST IN NEED OF BOUNDRY LINE MAINTENANCE**

1. Hooker Lot – North and East Lines
2. Bennett Lot – Markings faded – Hard to find
3. Neetz Lot – West and South Lines
4. Metz Lot - North and East Lines hard to find
5. Helmer Lot – East Line
6. Silsby Lot – Markings faded – Hard to find
7. Coleman Lot – North boundary hard to find
8. Griffin Lot – West boundary - South of Wetland
9. Weir Lot – East Line faded – South Line near S.E. corner hard to find
10. Travis Lot – North boundary – John Case posted signs on County Land

## GLOSSARY

<b>CONIFER</b>	A tree or tree species with needles.
<b>CROWN</b>	The links, branches, twigs and leaves at the top of the tree.
<b>CROWN CLOSURE</b>	The crowns of all the trees are touching each other. There is no open space between crowns of any of the trees.
<b>CROWN RATIO</b>	The ratio of the length of the tree height in live branches, to the total height of the tree. The better the crown ratio, the better the tree's vigor.
<b>CROWN, SMALL</b>	See Small Crowns.
<b>CLEAR CUT</b>	All the trees are cut down to a small diameter, usually 4 inches.
<b>DBH</b>	Diameter at breast height – 4½ feet above the ground.
<b>EVEN AGED STAND</b>	A stand of trees, where the tallest trees competing with each other for the growing space, are all within a few years of being the same age.
<b>GENETIC VARIATION IN HEIGHT GROWTH</b>	The difference in height between individual trees of the same species and same age, due to genetic factors. The greater the difference in height between the tallest and shortest tree, the greater the genetic variation. Red pine, Scotch pine, larch and Austrian pine have hardly any genetic variation in height growth. Norway spruce, white spruce, white pine and Douglas fir have a lot of genetic variation in height growth.
<b>HARDWOOD</b>	A tree or tree species that has leaves.
<b>HARDWOOD SUCCESSION</b>	A series of changes that take place in plant communities where open land or heavily cut land, goes from herbaceous plants to shade tolerant tree species, with a long life.
<b>INVASIVE SPECIES</b>	Species of plants that are not native to this area. Once introduced by man, they spread rapidly and upset the balance of nature. Honeysuckle and multiflora rose are invasive species.
<b>LARGE SAWTIMBER</b>	For the purpose of this plan, any tree 18 inches in diameter or larger measured 4½ feet above the ground (DBH).
<b>OFF SITE</b>	When a tree species is planted where soil conditions are unfavorable for good growth and good vigor of the individual trees.
<b>ON SITE</b>	When a tree species is planted where soil conditions are favorable, for good growth and vigor of the individual trees.



<b>OVERSTOCKED</b>	When the tallest trees in the stand are so crowded, they have a slow diameter growth rate.
<b>POLE</b>	A tree whose diameter is between 4 and 11½ inches, measured 4½ feet above the ground (DBH).
<b>RELEASING</b>	Removing undesirable or low value tall trees or shrubs, to favor shorter, more desirable, or higher value trees growing underneath the tall trees or shrubs.
<b>REPRODUCTION</b>	Seedlings and saplings that will be the next generation of timber trees, once the trees in the overstory are removed or die.
<b>SAPLING</b>	A tree over 4 feet in height, but smaller than 4 inches in diameter measured at 4½ feet above the ground (DBH).
<b>SEEDLING</b>	A tree less than 4 feet in height.
<b>SHELTERWOOD</b>	Once of four ways of reproducing a stand of timber. It is used in an even aged stand. All the timber trees in the overstory are removed in a series of 2 or more cuttings. This method is often used to make sure there is enough desirable reproduction to successfully regenerate the stand when the final cutting is made.
<b>SMALL CROWNS</b>	A small crown is the crown of a tree that has less than 1/3 of the tree's total height in live branches. The rule of thumb is that a tree needs at least 1/3 of its total height in live branches in order to grow well and have high vigor. Trees with small crowns have a slow diameter growth rate. Their diameter growth rate will not increase appreciably, if trees next to them are removed, due to low vigor.
<b>THINNING</b>	The removal of a portion of the trees in the overstory, that are competing for the growing space. The trees that are left will develop larger crowns and increase their diameter growth rate. The lower valued trees are removed to favor higher valued trees. The result is a greater quantity of quality timber in a shorter period of time.
<b>UNDERSTOCKED</b>	When there are not enough trees present to fully utilize the growing space.
<b>UNDERSTORY</b>	When there is a layer of large, tall trees, and a layer of small short trees near the ground, the understory is the layer near the ground.
<b>WEED TREE</b>	A species of tree that has no commercial timber value. It may or may not have fuelwood value.
<b>WOLF TREE</b>	A large, poor quality tree, with a large crown and branches close to the ground. It occupies a large amount of growing space, and has little or no timber value. It may, however, have value as a seed source or wildlife value.