

ASH TREE INVENTORY WEATHERSFIELD VT. 2019

COMPILED BY WEATHERSFIELD CONSERVATION COMMISSION

“All Vermont communities are encouraged to determine their ash management strategy in response to emerald ash borer (EAB). EAB feeds on and kills all species of ash trees and most ash trees die within 5 years of infestation” *

There are 3 species of ash in Vermont, green ash is mostly confined to the Champlain valley, brown or black ash is a wetland specie and white ash is commonly found on better sites through out Weathersfield.

The first step in this effort and what the Weathersfield Conservation Commission (WCC) has undertaken is to inventory the white ash in the town right-of-way (ROW) generally defined as 3 rods wide or 50 feet. This has been done by a windshield cruise under leafless conditions of the town’s rural roads. A total of 69 roads were inspected, basically all the town roads.

Only trees 8 inches DBH (diameter breast high) and larger were tallied by 4 diameter classes (8 -12, 12-18, 18-24, and 24+). A total of 1005 trees were noted. No dead trees were counted. Also noted in this process are stone walls documenting the ROW. Overhead wires in the ROW. What risk does the tree present (high, medium, or low). High if the tree leans over the road or is larger than 14 inch DBH, medium is vertical with crown structure over road/wires. Low risk is smaller DBH or leans away.

Also noted was health (high, medium or low) high is good health, no cracks, holes or crown dieback, medium some evidence of above and low is major decline or severely damaged.

In preparation for doing this inventory we consulted with another forester (tree warden) who had already done Shrewsbury. Plus attended two separate presentations intended to give VT towns information on EAB.

Determine likely timeline for the arrival of EAB in Weathersfield. EAB will spread throughout Vermont. Once trees are infested in the town it is expected the number will double every year until most if not all trees are infested.

Three public properties were checked, the Perkinsville Green with 3 ash trees, the Weathersfield Center Community Center with one ash, and the Weathersfield school. School results were several dead trees and a slump on the slope at the rear of the property where the property drops down to small stream. School administration is aware of these and the state inspects the slump annually

The attached photo of infested ash was taken 5/24/19 in South Alburg, Grand Isle County, VT

Trees tallied are tabulated in the Appendix

Inventory document will be presented to town manager and tree warden.

Some general thoughts for consideration:

- Existing dead trees in the ROW's should be removed ASAP
- Locate suitable disposal site for sorting, chipping, loading of saleable forest products
- Trees removed in advance of infestation will have value. Dead trees are dangerous to remove. Tree companies won't allow climbers to climb dead trees. Dead ash is brittle and shatters when it falls
- Consider contracting logger with whole tree chipper
- Trees a homeowner or public entity would like to save can be treated with pesticide applied by a licensed applicator, but must be treated every 2 to 3 years on a continuing basis. Check with Urban & Community program under FP&R.
- Tree warden identify trees town road crew can't handle to get a bid from private tree company. Note while tree is still alive
- Establish a schedule for tree removal for budgeting purposes. Stagger removal to reduce visual disturbance.
- Letter to landowners with a heads up and tree warden regulations

*From publication by VT FP&R on EAB handed out at training session on 4/16/19

Image taken in South Alburgh, Grand Isle County, VT, May 24, 2019



APPENDIX 1 WEATHERSFIELD PUBLIC ROADS AND SPACES EAB ASH TREE INVENTORY 2019

Road Name	# Trees	Diam. 8 to 12	Diam. 12 to 18	Diam. 18 to 24	Diam. > 24	OH Wires	High Risk		Medium Risk		Low Risk		Health		Sawlog Potential
							Risk	Risk	Risk	Risk	Good	Mediocre	Poor	Health	
Asa Grout Lane	6	3	3	0	0	4	4	2	0	6	0	0	3		
Ascutney Basin Rd.	26	9	9	5	3	25	14	4	8	6	16	4	5		
Ascutney Notch Rd.	10	5	3	2	0	10	5	3	2	2	8	0	1		
Baltimore Road	25	15	6	3	1	16	17	3	5	12	11	2	8		
Beaver Pond Rd.	25	13	9	3	0	11	18	4	3	13	12	0	9		
Bowen Hill Rd.	20	7	6	6	1	10	15	3	2	1	14	5	2		
Branch Brook Rd.	1	0	0	1	0	1	1	0	0	1	0	0	1		
Butterfield Hill Rd.	5	1	3	1	0	1	2	2	1	0	3	0	1		
Cady Hill Rd.	6	1	4	1	0	0	4	0	2	4	0	2	4		
Cascade Falls Rd.	3	1	2	0	0	0	2	0	1	1	2	0	1		
Cemetery Rd.	2	1	1	0	0	0	0	2	0	2	0	0	0		
Comstock Ave.	4	2	1	1	0	4	4	0	0	1	3	0	2		
Cooks Pond Rd.	15	7	4	1	3	5	12	2	1	3	8	4	3		
Dake Rd.	17	8	7	2	0	14	11	4	2	1	14	2	1		
Dan Jarvid Rd.	7	2	4	1	0	7	5	2	0	2	4	1	2		
Divoll Pasture Rd.	4	2	1	1	0	4	2	0	2	0	2	2	0		
Downer Hill Rd.	9	1	3	4	1	3	9	0	0	5	4	0	7		
East Camp Hill Rd.	12	8	4	0	0	11	6	2	4	3	5	4	2		
Gird Lot Rd.	30	8	13	7	2	12	25	3	2	4	21	5	10		
Gould Rd.	24	8	11	5	0	4	19	4	1	22	2	0	12		
Goulden Ridge Rd.	76	60	7	7	2	47	40	27	9	4	59	13	5		
Gravelin Rd.	73	35	29	9	0	21	52	12	9	38	31	4	27		
Green Valley Rd.	6	5	1	0	0	6	3	1	2	2	3	1	1		
Grout Rd.	1	1	0	0	0	0	0	0	1	0	1	0	0		
Gulf Rd.	25	12	10	2	1	11	16	6	3	6	9	6	5		
High Meadow Rd.	3	1	1	1	0	3	2	1	0	2	1	0	1		
High St.	2	1	1	0	0	1	0	0	2	0	1	1	0		
Jarvis Rd.	10	6	1	2	1	8	8	2	0	4	5	1	1		
Jason Smith Rd.	3	0	2	0	1	3	2	1	0	3	0	0	1		
Jeffrey Ln.	1	1	0	0	0	1	1	0	0	0	0	1	0		
John Jensen Rd.	7	4	3	0	0	1	4	1	2	1	5	1	0		

APPENDIX 1 WEATHERSFIELD PUBLIC ROADS AND SPACES EAB ASH TREE INVENTORY 2019

Road Name	# Trees	Diam. 8 to 12	Diam. 12 to 18	Diam. 18 to 24	Diam. > 24	OH Wires	Risk			Health Poor	Health Mediocre	Sawlog Potential
							High Risk	Medium Risk	Low Risk			
Kendricks Corner Rd.	2	0	0	1	1	1	2	0	0	1	0	1
Little Ascutney Rd.	29	19	6	4	0	14	8	12	9	8	13	8
Little Canada Rd.	33	20	8	5	0	13	17	2	4	3	14	6
Lottery Ln.	3	3	0	0	0	2	0	0	3	1	2	0
Maple St.	10	3	2	4	1	10	9	1	0	7	3	0
Melody Ln.	7	3	3	1	0	7	2	3	2	1	4	2
Mountain View Dr.	15	11	2	2	0	15	5	5	5	0	10	5
North Rd.	4	1	3	0	0	4	4	0	0	1	1	2
Old Bow Rd.	16	5	7	3	1	15	13	0	3	3	13	0
Perkins Hill Rd.	15	6	7	2	0	7	10	1	4	13	0	2
Perkinsville Green	3	1	2	0	0	0	0	2	1	3	0	0
Piper Rd.	8	5	3	0	0	5	4	3	1	3	1	4
Plains Rd.	42	18	19	4	1	29	32	6	4	20	18	4
Quarry Rd.	14	7	5	1	1	12	9	4	1	0	9	5
Reservoir Rd.	9	7	2	0	0	7	5	4	0	1	6	2
Roberts Rd.	10	3	4	2	1	9	7	2	1	2	8	0
Skyline Dr.	32	13	10	8	1	23	19	10	3	6	20	6
South Mountain Rd.	36	13	15	8	0	19	27	3	6	12	20	4
Stokes Rd.	4	1	2	1	0	3	3	1	0	2	1	1
Stoughton Pond Rd.	2	2	0	0	0	0	1	0	2	1	1	0
Tarbell Hill Rd.	11	5	5	1	0	3	5	6	0	6	3	2
Thrasher Rd.	41	23	12	3	3	26	31	9	1	6	27	8
Upper Falls Rd.	72	45	25	1	1	56	41	17	14	53	13	6
Victory Dr.	23	9	9	4	1	22	18	3	2	9	12	2
Weatherbee Hill Rd.	2	1	1	0	0	2	1	1	0	2	0	0
Weathersfield Center Rd	47	20	17	7	3	35	30	13	4	3	40	4
Wellwood Orchard Rd.	33	16	14	3	0	8	22	7	4	3	23	7
West Camp Hill Rd.	3	1	2	0	0	3	3	0	0	2	0	1
Wheeler Camp Rd.	7	6	1	0	0	4	5	2	0	1	5	1
Yewell Ln.	14	9	5	0	0	0	13	1	0	13	0	1
TOTALS	1005	504	340	130	31		649	209	138			

APPENDIX 1 WEATHERSFIELD PUBLIC ROADS AND SPACES EAB ASH TREE INVENTORY 2019

Road Name	# Trees	Diam. 8 to 12	Diam. 12 to 18	Diam. 18 to 24	Diam. 24 > 24	OH Wires	High Risk			Low Health			Health		Sawlog Potential
							Risk	Risk	Risk	Good	Mediocre	Poor	Good	Poor	
Ferry Rd. (Class 3)	16	7	3	3	3	0	6	4	6	9	5	2	6		
Perkinsville Green	3	1	2	0	0	0	0	2	1	3	0	0	0		
W. Meetinghouse Grove	1	1	0	0	0	0	0	0	1	1	0	0	0		
Weathersfield School	No ash trees														
TOTALS	20	9	5	3	3		6	6	8						6

APPENDIX 2 WEATHERSFIELD ASH TREE INVENTORY
PUBLIC ROADS WITH > 10 ASH TREES

ROAD NAMES	# OF TREES
Goulden Ridge Rd.	76
Gravelin Rd.	73
Upper Falls Rd.	72
Weathersfield Center Rd.	47
Plains Rd.	47
Thrasher Rd.	41
South Mountain Rd.	36
Wellwood Orchard Rd.	33
Skyline Dr.	32
Gird Lot Rd.	30
Little Ascutney Rd.	29
Ascutney Basin Rd.	26
Baltimore Rd.	25
Beaver Pond Rd.	25
Gulf Rd.	25
Gould Rd.	24
Little Canada Rd.	23
Victory Dr.	23
Bowen Hill Rd.	20
Dake Rd.	17
Old Bow Rd.	16
Cooks Pond Rd.	15
Mountain View Dr.	15
Perkins Hill Rd.	15
Quarry Rd.	14
Yewell Ln.	14
East Camp Hill Rd.	12
Tarbell Hill Rd.	1
Ascutney Notch Rd.	10
Jarvis Rd.	10
Maple St.	10
Roberts Rd.	10

APPENDIX 3 WEATHERSFIELD ASH TREE INVENTORY
PUBLIC ROADS WITH < 10 TREES1

Road Name	# of Trees
Downer Hill Rd.	9
Reservoir Rd.	9
Piper Rd.	8
Dan Jarvis Rd.	7
John Jensen Rd.	7
Melody Ln.	7
Wheeler Camp Rd.	7
Asa Grout Ln.	6
Cady Hill Rd.	6
Green valley Rd.	6
Butterfield Hill Rd.	5
Comstock Ave.	4
Divoll Pasture Rd.	4
North Rd.	4
Stokes Rd.	4
Cascade Falls Rd.	3
High Meadow Rd.	3
Jason Smith Rd.	3
Lottery Ln.	3
Perkinsville Green	3
West Camp Hill Rd.	3
Cemetery Rd.	2
High St.	2
Kendricks Corner Rd.	2
Stoughton Pond Rd.	2
Weatherbee Hill Rd.	2
Branch Brook Rd.	1
Grout Rd.	1
Jeffrey Ln.	1