



Emerald Ash Borer

Mark Abrahamson | MDA | Plant Protection Division Director

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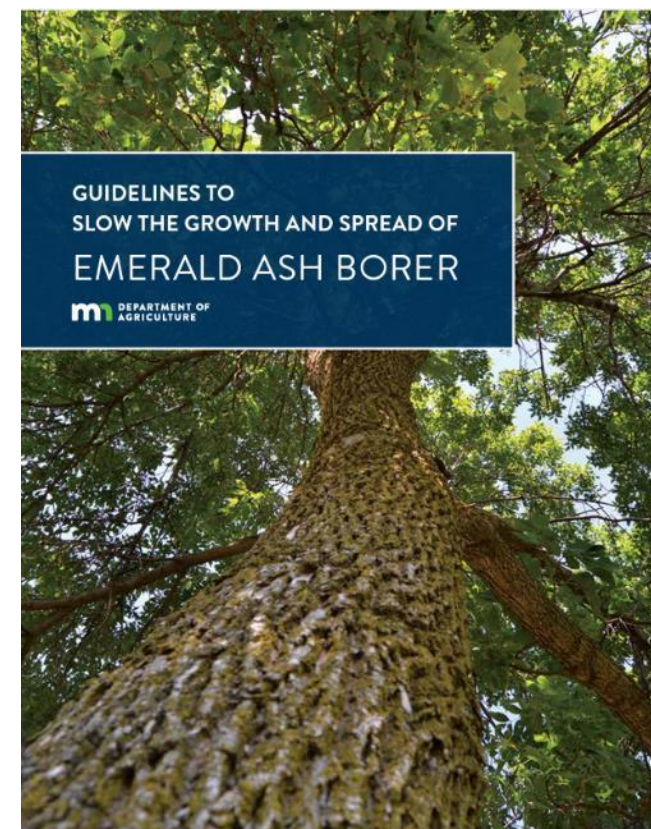
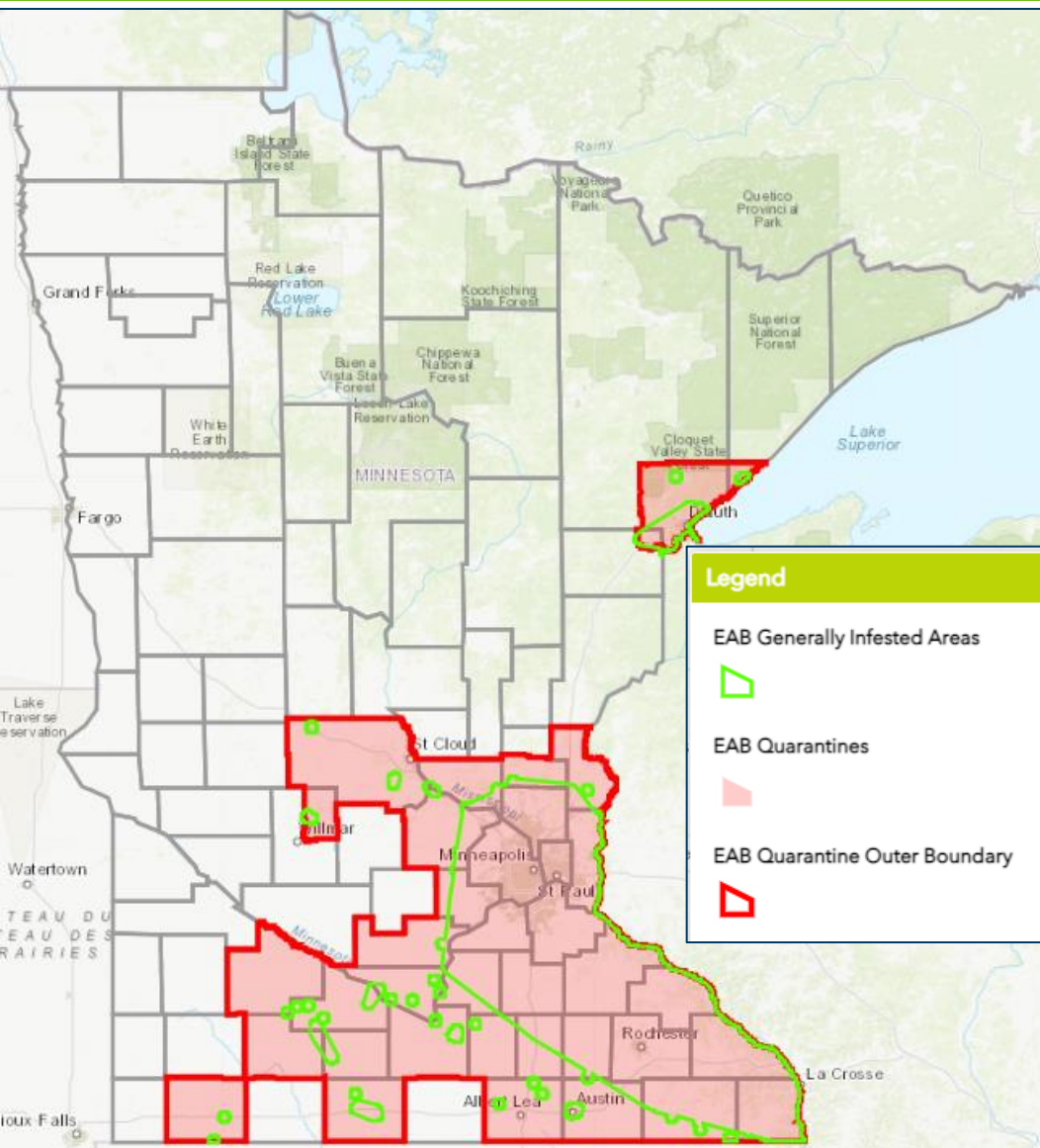
1/10/2023



Minnesota Department of Agriculture

Mark Abrahamson | Plant Protection Division Director

MDA



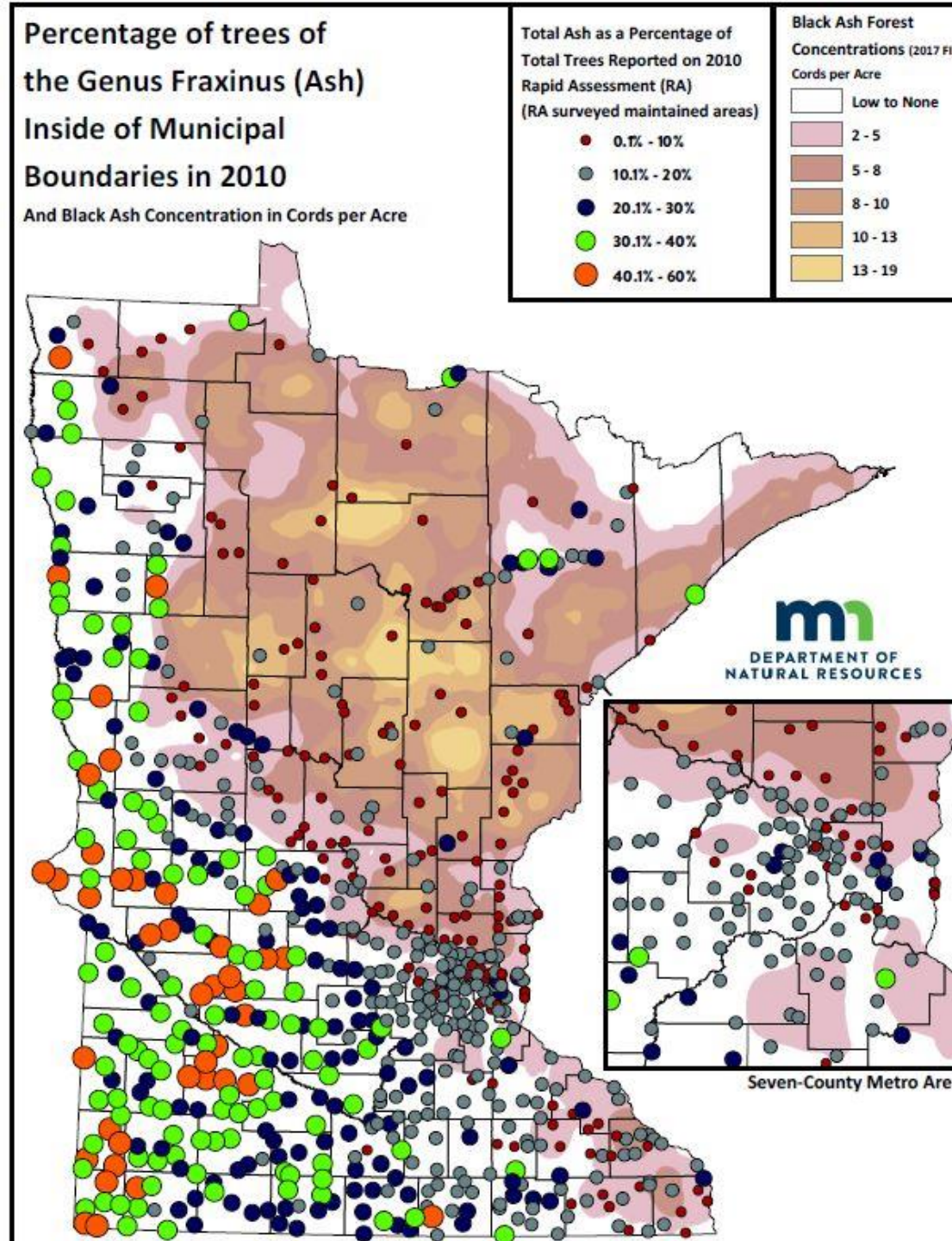


Minnesota Department of Natural Resources

Valerie McClannahan | Urban & Community Forestry Coordinator

Ash in Minnesota

- Nearly 1 billion ash trees
- 1-in-5 community forest trees are ash
 - Up to 60% ash in some communities
- EAB kill rate over 99%
 - Kills saplings down to 1" in diameter



Community Forest Needs



Inventory

Management plans

Treat and remove ash

Plant diverse replacement trees

Educate residents

Help homeowners

Community Forests and Public Safety

“Infested ash have the structural integrity of a standing potato chip.”

1/10/2023



Recent Community Support

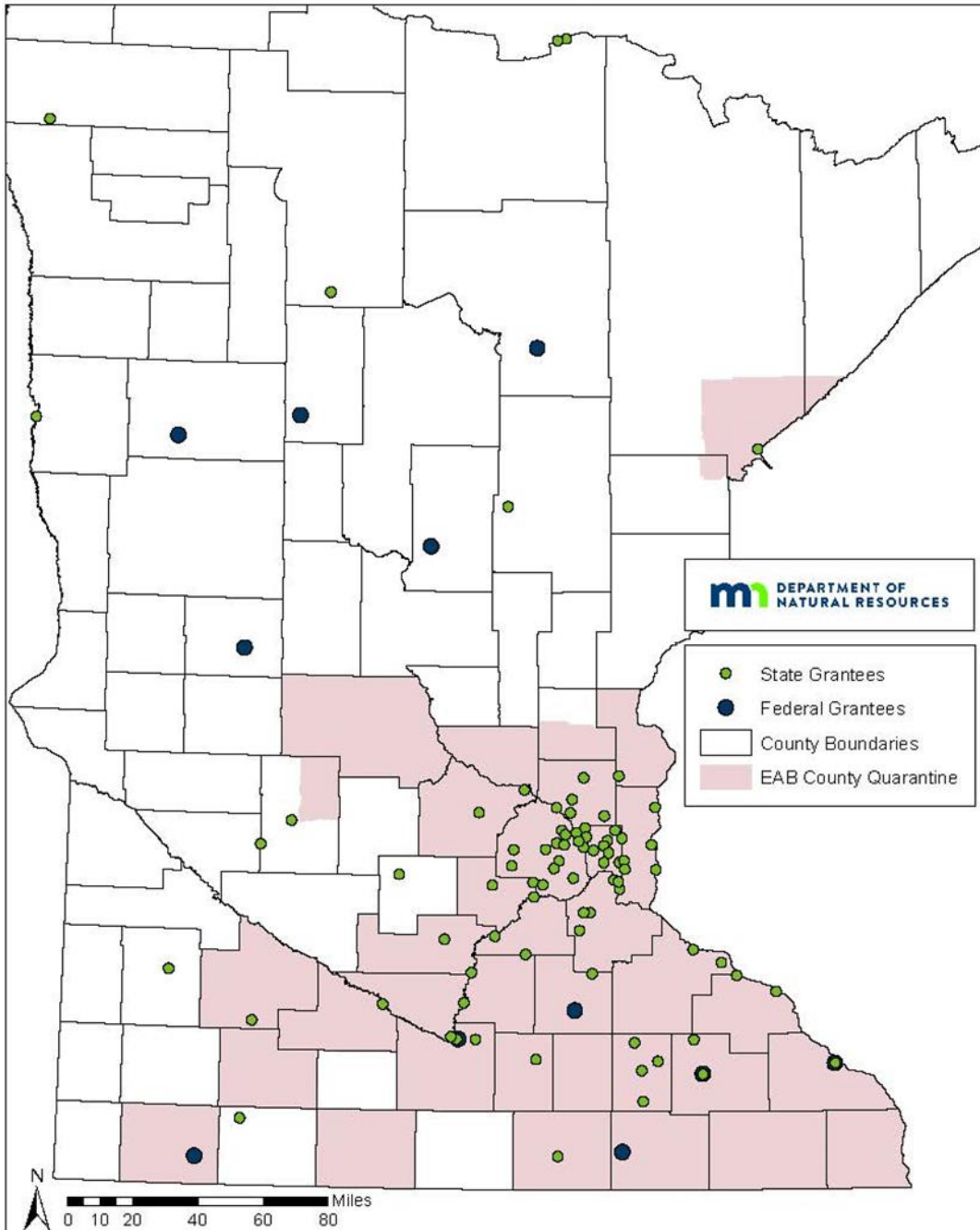
FY 2020: General Fund \$700,000 – Closed;
LCCMR \$300,000

FY 2021: Bonding \$1 million

FY 2022: General Fund + Heritage
Enhancement \$1.7M; LCCMR \$3.5 million
(\$2.4M in grants)

FY 2023: General Fund + Heritage
Enhancement \$1.7M

FY 2024: *OPEN* General Fund \$400,000



Ash Forests

1 million acres of ash forest
statewide

Ash 2nd most common tree

Minnesota has more ash than
any other state

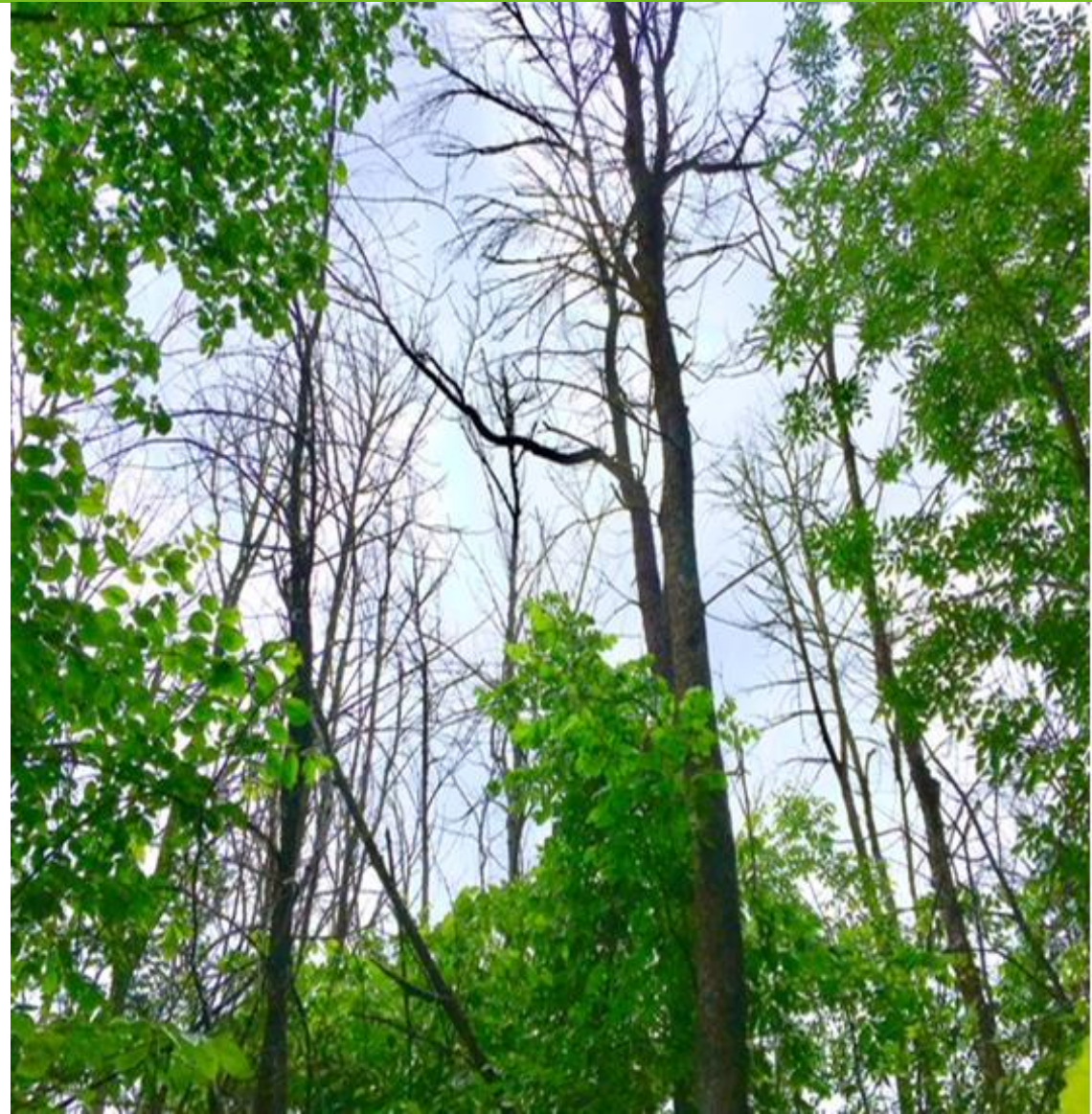


Existing Markets

- Energy for community ash
- Firewood, pallet, & paper for ash forests

More ash available than markets can use

- Innovate market solutions needed
- Plan for ash waste



Community assistance is critical

Ash use and waste disposal solutions
are needed

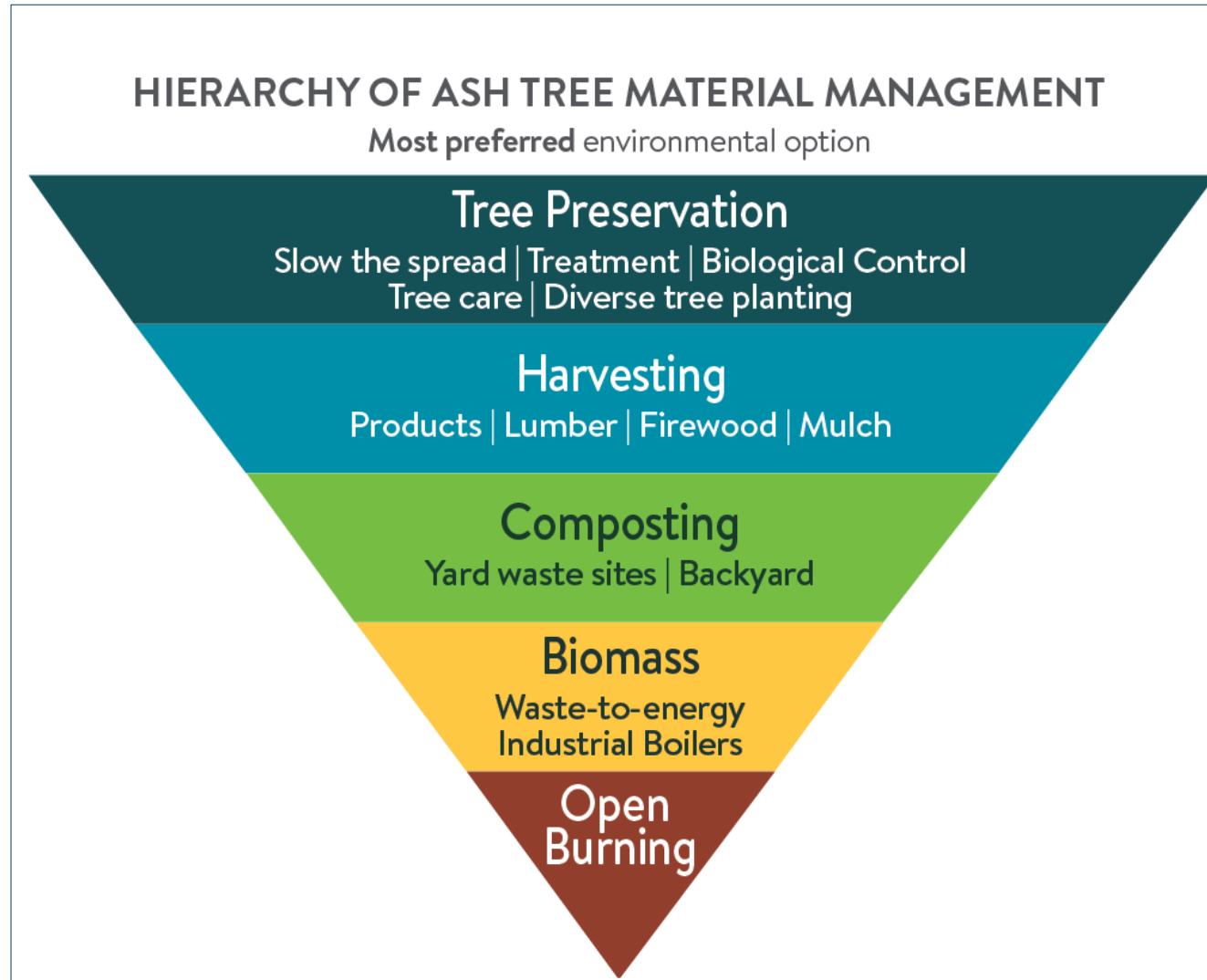




Minnesota Pollution Control Agency

David Benke | Director, Resource Management and Assistance Division

Wood Waste: Where will it all go?



Options for managing EAB-infested wood

Timber harvesting



Mulching/Composting



Biochar



Wood products



Biomass heating/energy



Recreational fires



MPCA Ongoing activities

- Coordinate with metro counties to include wood waste management and EAB mitigation in next round of the Solid Waste Metro Policy Plan
- Monitor innovative and developmental uses/management for wood waste including:
 - Community based programs that utilize wood to make products
 - Biochar
- Support existing wood waste management infrastructure at composting facilities, biomass facilities and for use as wood fuel or firewood.
- Coordinate with partner agencies to support efforts to slow the spread and reduce harmful impacts of EAB

Recommendations

- Strengthen statewide coordinated effort to slow the spread and delay costs
- Provide financial and technical assistance to communities
- Develop markets for making products from ash and end-of-life management
- Develop statewide approach to utilize ash and for disposal of ash waste



Thank you!

Emerald Ash Borer Interagency Team

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