

# Municipal Ash Management Survey 2013

As municipal foresters, it is important to know how other communities are handling the emerald ash borer (EAB) infestation. Thousands of ash trees have been affected in Illinois since the introduction in 2006, and many communities have adopted different management options. Surveying municipal foresters for implemented management techniques, success rates, and costs, will result in a summary and compilation of findings that support planning the most cost effective and efficient management in the future. The Municipal Ash Management Survey (MAMS) was begun in 2011 and will be conducted annually.

Once again, the results of this survey will be available in two different formats. The survey participants (municipalities) will receive all of the data. This is so municipal foresters can contact one another regarding management plan outcomes. The public survey results will include the data, but the names of municipalities will not be published. The public can therefore see what is being done, but this will prevent the results from being used for marketing purposes.

The survey participants will receive an email with all of the results, while the public data will be made available through The Morton Arboretum website and other industry-based publications. The goal of this project is to create a longitudinal dataset through multi-year surveys of EAB management tactics used in Illinois. These results will be used to aid in decision making in already infested locations and help uninfested communities to plan ahead.

To see the results from the 2011 & 2012 Municipal Ash Management Survey visit this website:  
<http://www.planthealthcare-mortonarb.org/presentations-and-articles.html>

Directions:

- Survey closes June 1, 2014
- If you do not have an answer for a required question please enter 'N/A' in the field or leave a comment at the very end.
- If necessary, the 'other' answer boxes can be filled in with multiple word answers.
- If you have questions about the online survey contact Stephanie Adams at The Morton Arboretum ([sadams@mortonarb.org](mailto:sadams@mortonarb.org) or 630-719-7946)

You're invited to fill out the form Municipal Ash Management Survey of 2013. To fill it out, visit:  
<https://docs.google.com/a/mortonarb.org/forms/d/1Y3e4VphACXeHPgRL7mQQrSLpU7CfL7kTx9jZurgGprs/viewform>

If you'd like a downloadable PDF version of the survey, you can find one here:  
<http://www.planthealthcare-mortonarb.org/presentations-and-articles.html>

\* Required

## 1. Did you participate in the 2011 and/or 2012 Municipal Ash Management Surveys? \*

*Mark only one oval.*

- Yes      *Skip to question 5.*
- No      *Skip to question 2.*

## Ash tree and EAB history

**2. What year was the emerald ash borer (EAB) found in your municipality? \***

*Mark only one oval.*

- 2006
- 2007
- 2008
- 2009
- 2010
- 2011
- 2012
- 2013
- EAB has not been confirmed by the Illinois Department of Agriculture in my municipality.

**3. What was your beginning public ash tree population when EAB was first found? (# of trees) \***

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**4. What percent of your total public tree population was comprised of ash when EAB was first found? (%) \***

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### Previous MAMS participants

Welcome back and thank you for your continued participation.

*Skip to question 6.*

**5. In what previous survey(s) did you participate? \***

*Check all that apply.*

- 2011
- 2012

### Removals in 2013

**6. What was your public ash population in January 2013? \***

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7. **How many public ash trees were removed in your municipality in 2013? \***
- .....

## Removal reasons

Please be sure that percentages add up to 100%

8. **Of the removed trees, what percent (%) were removed because of confirmed EAB infestation (confirmed symptoms or signs)? \***
- .....

9. **Of the removed trees, what percent (%) were removed for ash tree reduction? \***
- .....

10. **Of the removed trees, what percent (%) were removed because of storm damage? \***
- .....

11. **Of the removed trees, what percent (%) were removed because of other reasons? \***
- .....

12. **Do the answers for the previous four questions equal 100%? \***

*Mark only one oval.*

- Yes
- Now they do

## Contractors

13. **Did you use (a) contractor(s) to do removals in 2013? \***

*Mark only one oval.*

- Yes
- No

14. **What percent (%) of your removals were done in-house by the municipality? If not applicable, put n/a. \***
- .....

15. **What was the average DBH (in inches) of trees removed by the municipality? \***

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16. **What percent (%) of your removals were done by the contractor? If not applicable, put n/a. \***

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17. **What was the average DBH (in inches) of trees removed by the contractor? \***

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## Removal and stump pricing

18. **How were tree and stump removals priced? \***

*Mark only one oval.*

They were priced seperately *Skip to question 21.*

They were priced together *Skip to question 19.*

I cannot answer this *Skip to question 25.*

## Combined removal and stump pricing

19. **What was the average cost of municipal tree and stump removal per inch DBH? \***

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20. **What was the average cost of contractor tree and stump removal per inch DBH? \***

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## Separate tree and stump removal pricing

*Skip to question 25.*

21. **What was the average cost of contractor tree removal? \***

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22. **What was the average cost of contractor stump removal? \***

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23. **What was the average cost of municipal tree removal? \***

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24. **What was the average cost of municipal stump removal? \***

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## Municipal insecticides treatments

25. **Did your municipality treat any public trees with insecticides for EAB in 2013? \***

*Mark only one oval.*

- Yes      *Skip to question 28.*
- No      *Skip to question 43.*
- Only Experimentally      *Skip to question 26.*
- Experimentally and then more on our own      *Skip to question 26.*
- Other: .....

## Experimental insecticide treatments

26. **Who did experimental treatments in your municipality? \***

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27. **How many trees were experimentally treated? \***

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## Insecticide treatments

28. **In 2013, who treated public trees with insecticides? \***

*Mark only one oval.*

- Municipality (in-house)
- Contractor
- Both municipality and contractor

29. **Were different products used for differently sized trees? \***

*Mark only one oval.*

Yes

No      *Skip to question 36.*

## Tree size and treatments

30. **What was your definition of "small" trees (inches DBH)? \***

Example: Up to 10" DBH, or smaller than 10" DBH

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31. **What was your definition of "large" trees (inches DBH)? \***

Example: Over 10" DBH, or bigger than 10" DBH

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32. **What products were used for treating "small" public trees? \***

*Check all that apply.*

Imidacloprid (unknown trade name)

Xytect - Imidacloprid (Rainbow Treecare)

Merit - Imidacloprid (Bayer)

Imicide - Imidacloprid (Mauget)

Tree-age - Emamectin benzoate (Arbor Jet)

Dinotefuran

Bidrin

Unknown active ingredient, a chemical purchased at a hardware store

Other: .....

**33. What products were used for treating "large" public trees? \***

*Check all that apply.*

- Imidacloprid (unknown trade name)
- Xytect - Imidacloprid (Rainbow Treecare)
- Merit - Imidacloprid (Bayer)
- Imicide - Imidacloprid (Mauget)
- Tree-age - Emamectin benzoate (Arbor Jet)
- Dinotefuran
- Bidrin
- Unknown active ingredient, a chemical purchased at a hardware store
- Other: .....

**34. What was the contractor price per inch DBH for each product used? \***

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**35. What was the municipal price per inch DBH for each product used? \***

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**No difference in treatments based on size**

*Skip to question 39.*

**36. What products were used for treating public trees? \***

*Check all that apply.*

- Imidacloprid (unknown trade name)
- Xytect - Imidacloprid (Rainbow Treecare)
- Merit - Imidacloprid (Bayer)
- Imicide - Imidacloprid (Mauget)
- Tree-age - Emamectin benzoate (Arbor Jet)
- Dinotefuran
- Bidrin
- Unknown active ingredient, a chemical purchased at a hardware store
- Other: .....

**37. What was the contractor price per inch DBH? \***

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**38. What was the municipal price per inch DBH? \***

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**Long-term insecticide results**

*Skip to question 39.*

**39. How many years has your municipality been treating ash trees with insecticides? \***

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40. **Have you noticed a difference between treated and untreated trees? \***

*Mark only one oval.*

- Yes, the difference is like night and day
- Yes, some difference can be seen
- Yes, and some trees improved after treatment
- No difference can be seen

41. **If you cannot see a difference between treated and untreated trees, would you speculate why this is?**

Examples: "just started treating, too soon to tell"; "concerns with how well the chemicals were applied"; etc.

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42. **How is your municipality involved in property owner's treatment of public trees? \***

*Mark only one oval.*

- Municipality only issues permits and provides general information about options.
- Municipality selects an approved contractor who offers discounts directly to property owners.
- Municipality hires and monitors contractor; property owners pay municipality.
- Municipality is not involved with property owner's treatment of public trees.

## Damage

43. **Have EAB infested public ash trees caused damage in your community? \***

*Mark only one oval.*

- Yes, public property
- Yes, private property
- Yes, to public and private property
- Yes, with human injuries (non-fatal)
- Yes, with human injuries (fatal)
- No
- Other: .....

44. **Estimated cost of damage done to public property?**

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45. **Estimated cost of damage done to private property?**

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## Reforestation

46. **Does your community have a public tree replacement program? \***

*Mark only one oval.*

- Yes
- No
- Not yet, a program is being developed.

47. **How many of the removed public ash trees were replaced in 2013? \***

*Mark only one oval.*

- 0 - 25%
- 25- 50%
- 50 - 75%
- 75 - 100%
- Other: .....

48. **Who paid what percentage of the dollars spent for ash replacements in 2013? \***

Municipal %, Resident %, Grant % to equal 100%

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## Contact information

49. **Name \***

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50. **Municipality \***

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51. **Position title \***

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52. **email address** \*

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53. **Phone number** \*

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54. **Would you like to be left anonymous when results are given to other municipalities?** \*

Remember, results will not be given to commercial entities and results given to the public will already have names omitted. Sharing your contact information will potentially help other municipal staff to learn from your experiences.

*Mark only one oval.*

- Yes, please keep my information anonymous from other municipalities.
- No, you're welcome to include my information to other municipalities

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