

**“From Soup to Ash”**

**Conservation**

**Partnerships in Action**

Ed Crawford & Clark Hutson

Ohio Dept. of Natural Resources

Division of Soil & Water Resources

# Conservation Partnerships in Action

- **Campbell's Soup Grant**
  - Private/Public Partnership
    - Campbell's Soup, Inc.
    - Conservation Action Project
    - Local SWCD's
    - ODNR-DSWR
  - Targeting Source Water Protection through the use of use of wetlands, cover crops and controlled drainage.
- **Ash Tree Replacement Grant**
  - Federal/State/Local Partnership
    - US Forest Service
    - ODNR-Div. of Forestry
    - ODNR-Div. of Soil & Water Resources
    - Fulton & Seneca SWCD's
  - Targeting reforestation and replacement of Ash trees planted as part of previous cost-share programs or present in the riparian buffer.

# Campbell's Soup Grant



- Conservation Action Project (CAP) is a 501c3 organization formed in 1988, governed by a 28 member board of trustees.
- The CAP mission is to accelerate the adoption of water quality improvement practices in seven counties in Northwest Ohio.

# Campbell's Soup Grant

- To mitigate a nitrate drinking water standard violation at their plant in Napoleon Ohio.
- Ohio EPA allowed Campbell's the option of paying to implement conservation practices in lieu of a fine.
- \$500,000 Grant over 10 years, initiated in 2008
- Approved three practices – Wetland establishment, cover crops and controlled agriculture drainage.

# Partners and Roles

- Funding & Administration
  - Campbell's Soup, Inc.
    - Funding
  - CAP
    - Administration, Fiscal Oversight & Reporting
  - ODNR-DSWR
    - Provides organizational support to CAP
- Implementation
  - SWCD's
    - Engineering, design & Layout
    - Outreach – contacting new applicants
  - Ag. Retail Dealers
    - Cover Crop planting
    - Outreach and Landowner contacts.

# The Practices



# Wetland Establishment

- Landowners participating - 2
- Acres established - 31
- Cost-share expended - \$20,000





# Cover Crops

- Landowners participating - 60
- Acres established – 3,000 X 3 Years
- Cost-share expended - \$105,000





# Controlled Drainage

- Landowners participating - 9
- Acres established - 230
- Cost-share expended - \$85,000

# Nitrogen Reduction

- 69.25 tons of nitrogen prevented from entering the Maumee River Watershed

# Ash Tree Replacement Grant

## Official Name:

Western Lake Erie Basin  
(WLEB) Emerald Ash  
Borer Project Riparian  
Zone Restoration Initiative



# Ash Tree Replacement Grant

- The emerald ash borer (EAB), *Agrilus planipennis*, was discovered as the cause of extensive ash tree decline and mortality throughout southeastern Michigan in June 2002.
  - Evidence suggests that EAB first entered Michigan from China at least 15 years ago.
- EAB was discovered in Ohio in February 2003.
- EAB has subsequently been found in at least 13 states and Ontario, Canada.

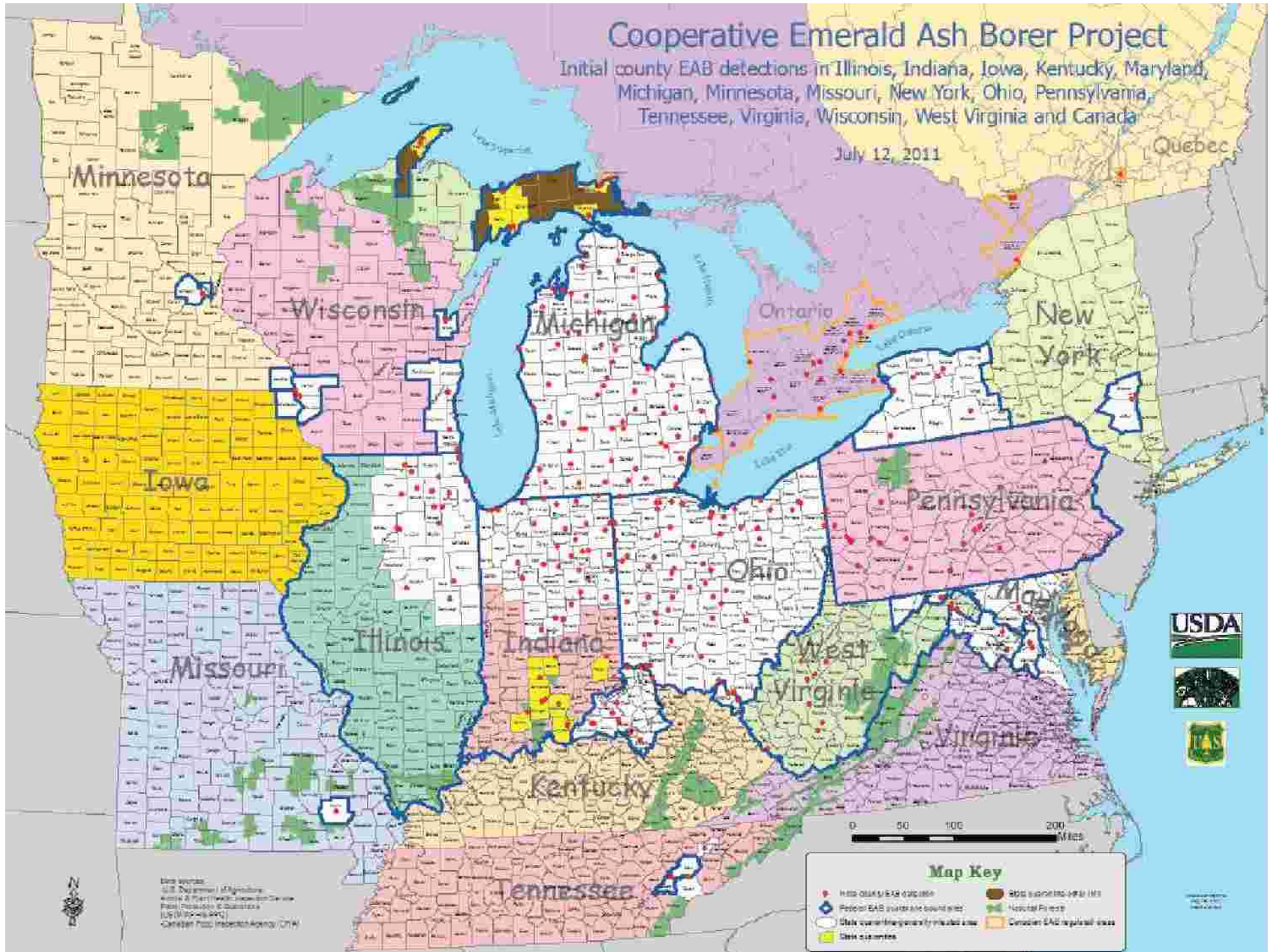


# Cooperative Emerald Ash Borer Project

Initial county EAB detections in Illinois, Indiana, Iowa, Kentucky, Maryland, Michigan, Minnesota, Missouri, New York, Ohio, Pennsylvania, Tennessee, Virginia, Wisconsin, West Virginia and Canada

July 12, 2011

Quebec





# Ash Tree Replacement Grant

- In 2003 It was estimated that there were approximately 5 billion ash trees in Ohio.
  - Ash trees are common along Ohio's rivers, streams and drainage ditches (riparian zones).
- Prior to 2003 native Ash species were included in many CP22 (Riparian Buffers) and other practices planted through CRP and Lake Erie CREP programs.
  - Many of the ash trees planted through these programs are now in decline or have been killed by EAB.

# Ash Tree Replacement Grant

- To address this concern Divisions of Forestry and Soil & Water Resources submitted a grant to the U.S. Forest Service for \$200,000
- Two Districts were selected to pilot this project.
  - Each District received \$92,500 over two years to implement the grant.

# Partners and Roles

- Funding & Administration
  - U.S Forest Service
    - Funding
  - ODNR-DOF
    - Technical Assistance, Administration and Fiscal Oversight
  - ODNR-DSWR
    - Reporting, Coordination and Administration
- Implementation
  - Fulton & Seneca SWCD's
    - Outreach
    - Technical Assistance
    - Reporting Through SWIMS

# Initiative Goals/Deliverables

- Inventory Ash reductions on CP22 riparian buffers
- Inventory Ash tree loss from private landowners near riparian zones
- Develop Forestry Plans with landowners
- Cost-share for replacement of Ash trees with other native species suited for the site.
- Outreach on EAB awareness