Pollinator Forage & Habitat
Stakeholder Collaborations & Partnerships

Caydee Savinelli, Pollinator & IPM Stewardship Lead
Stakeholder Collaborations & Partnerships

- Pollinator & Pesticide Stewardship
- Operation Pollinator
- Collaborations & Partnerships
Pollinator and Pesticide Stewardship

- Proper pesticide use starts with reading and following pesticide label directions and precautions.
- Reduce potential harm to pollinators
  - Communication & Outreach
  - Use Integrated Pest Management (IPM)
  - Utilize good pesticide stewardship – proper rates, timing, application methods.

www.curesworks.org/publications/pollinators.asp
Operation Pollinator – Global Overview

An industry-leading program

Started in 2000

21 countries implemented worldwide

>400,000 acres of farmland provided with ecosystem services in 2014

Proves that commercial farming and positive environmental management can co-exist

Part of our Good Growth Plan biodiversity commitment
Pollinator Strips

Operation Pollinator: boosting pollinating insects on farms

Delivering important ecosystem services for sustainable agriculture
Stakeholder Collaborations & Partnerships

• Collaboration among multiple stakeholders is key for creating opportunities for more pollinator habitat and food sources.

• Best Management Practices
  – Work with groups that have mutual interests in pollinator forage and habitat projects.
  – Rely on partners to establish field network & sites.
  – Opportunity to work with farmers, landowners and golf courses who are interested in biodiversity and conservation.
Operation Pollinator in U.S. Golf

• Syngenta provides guidance on establishment and maintenance
  • www.greencastonline.com/OperationPollinator

• Collaborations
  – Marriott golf courses
  – More than 100 golf courses across 20 states
  – Applewood Seed Co. – Seed supplier
Collaborations & Partnerships

Honey Bee and Monarch Butterfly Partnership

- Establishment of high quality forage and habitat.
- Properly designed and cost effective seeding mixtures.
- Flexible habitat partnership that works for landowners in their farming and ranching operation.
- A program that local beekeepers can promote to the collaborative landowners.

- 2015 Program
  - Pilot – ND & SD
  - R.D. Offutt, National Potato Council

- 2016 Program
  - Expansion – KS, IA, MN, MO, NE

www.projectapism.org
Collaborations & Partnerships

Delta F.A.R.M. – Mississippi

- Farmers Advocating Resource Management
- Established in 1998
  - Over 1.3 million acres in the program
- Association of growers and landowners
  - Conserve, restore and enhance the environment of the Northwest Mississippi
  - Strive to implement sustainable agricultural practices.

- www.deltafarm.org
Collaborations & Partnerships

Delta F.A.R.M. – Operation Pollinator

- Pollinator habitat in agricultural landscapes
- Protect and enhance overall biodiversity
- Secure a sustainable farming and environmental balance
Collaborations & Partnerships

Trees Forever – Illinois & Iowa

- Established in 1989
- Advocate for trees and the natural environment
- Create ecosystems that help preserve biodiversity & pollinator habitat
- Voluntary conservation efforts of farmers and landowners
- Public involvement & education.
- [www.treesforever.org](http://www.treesforever.org)
Collaborations & Partnerships

Trees Forever – Pollinator Project

• Pollinator habitat established on 20 sites in Iowa and Illinois
  – Approximately 100 acres

• Education and outreach provided directly to more than 2,100 individuals

• Media - Presentations, workshops, calendar, poster and interpretive signs.

• Strong interest from landowners for 2016 program
Collaborations & Partnerships

North Carolina Botanical Garden

• Mason Farm Biological Reserve – 367 acres
  – Restoration of a number of the old farm fields to native plants which will support additional pollinators and wildlife.

• [http://ncbg.unc.edu/](http://ncbg.unc.edu/)
Stakeholder Collaborations & Partnerships

North Carolina Botanical Garden

• Invasive plant control education
• Seed collection/storage collaborations
  – Native seed preservation is a key component of preserving and providing native plants for pollinator habitat.
    • Kew Gardens, England
    • Seeds of Success – U.S. Bureau of Land Management
    • Center for Plant Conservation
Operation Pollinator – Syngenta U.S. Headquarters
Greensboro, NC
Bringing plant potential to life
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