SHARE SOME SPACE

Community Pollinator Project
IN 2014 USDA ISSUED REPORTS/STUDIES ABOUT THE NATIONAL CONCERN OF DECLINING POLLINATOR POPULATIONS!!!

A NATIONAL CONCERN MEANS OF SEVERAL STATES IF NOT ALL OF THEM
Who are these pollinators?

European Honey Bees & Native Bees are on the decline
MONARCH BUTTERFLY MAY GO ON THE ENDANGERED SPECIES LIST
THE RUSTY PATCHED BUMBLE BEE IS NOW ON THE ENDANGERED SPECIES LIST.
Some bee species have had a 70% decline in mortality over the past 2 years.
OK, BUT WHY SHOULD I CARE?
Cross-pollination

1. Pollen from stamens sticks to a bee as it visits a flower to collect food.

2. The bee travels to another plant of the same type.

3. Pollen on the bee sticks to a pistil of a flower on the other plant.
Pollen and the pollinator
Your produce choices
Your produce choices without bees
Insect pollinated fruits and vegetables provide most of the **vitamins** and **minerals** we need.

Without bees, there would be **NO** apples, pumpkins, strawberries, or many other **fruits** and **vegetables**.
The economic value of insect pollinated crops is estimated at $27 Billion.
WE NOW HAVE A REASON TO CARE
Pollinator Committee started with 8 and grew to 25 members!!!!!
SEVERAL CAUSES FOR THE DECLINING POPULATIONS

Diseases & Parasites

Pesticides & Insecticides

Loss of habitat
WHAT CHANGED, WE WENT TOWARDS THE CLEAN LOOK.
WE SPRAYED AND MOWED
WHAT’S THE PLAN?

- Inform the Public about the need and situation
- Create New Pollinator Habitats
- Educate the Public about Pollinators
EVERYONE ONE LOVES BUTTERFLIES
Local groups, individuals band together to help the bees through variety of programs now being offered

Animal located in streams found to be eating bees

Everyone loves a Monarch butterfly

Did You Know?

Morgan Lawncare Enterprises, Inc.
FREE Pollinator Seed (1500 Packets)
WILDLIFE ACRES & FIELD BORDERS & FILTER STRIPS

USING CWI FUNDS AND CRP PROGRAM
CREATED 440 ACRES NEW HABITAT
New Known Pollinator Plantings in Jennings County
Monarch Waystations
at ALL 7 Elementary Schools in the County
Jennings County Middle School
Monarch Waystation
<table>
<thead>
<tr>
<th>Plant Sales Year</th>
<th># of Plants Sold</th>
<th># of New Habitat</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>2951</td>
<td>140</td>
</tr>
<tr>
<td>2017</td>
<td>2266</td>
<td>118</td>
</tr>
<tr>
<td>2018</td>
<td>2563</td>
<td>70</td>
</tr>
</tbody>
</table>

**Sales for 3 years**

Total # of Plants Sold = 7780  
Total # of New Habitats = 328
4 Acres at the
J.C. Middle School
Old School Football Field with New Habitat
Butterflies and bees grab local students' attention
Educational Signage at New Pollinator Habitat
Jennings Co. H.S. Ag class built Bluebird Houses for the project.
Computer Drawing of Proposed Project
Community effort creating pollinator garden for public

by Barbara King

If you go out to the Jennings County Fairgrounds this summer, you’re sure to notice the new Pollinator Garden, which is being installed by a whole bunch of businesses and individuals who have volunteered their time and materials.

This week, the crew was out rototilling and converting the planting area with materials to long wood slats. Next, the volunteers spread mulch over the black cloth in preparation for the May 7 planting of pollinator plants as well as vegetables and flowers.

Andy Ertel, director of the Jennings County Soil and Water Conservation District (SWCD), led the effort with active local Pollinator Committee members Dan Magel, who has been a JC Soil and Water Conservation District supervisor for 25 years, SWCD director Andy Ertel, and Master Gardener Richard Wiegardt and Ralph Creasy. All the men are also members of the local Pollinators Committee. -Staff Photo by Barbara King

Working on the Pollinator Garden at the Jennings County Fairgrounds this week are, left to right, Pollinator Committee members Dan Magel, SWCD director Andy Ertel, and Master Gardener Richard Wiegardt and Ralph Creasy. All the men are also members of the local Pollinators Committee. -Staff Photo by Barbara King

There are numerous theories about what has caused a drastic decline of these insects. Whether it’s from urban sprawl and the accompanying facility in research better understanding of the role they play in nature of pollinating responsible and fruits. It is estimated over one-third of all food we eat are dependent on these insects for the pollination of fruits and vegetables.

These are important insects, but also important are pollinators. They are essential for the pollination of flowers and fruits. A pollinator garden can help these creatures a big or two times, as up to millions new pollinator gardens planted by the end of May. The SWCD held a workshop to help people plant a flower garden to help meet this goal, with plants set to be sold at the end of May.

The committee came up with the idea of this type of garden at the Fairgrounds to help spread the news about the importance of these plants. As an extra benefit, they’ll be able to sell the produce and use the proceeds to fund the garden.”

They were all out in the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and the mulch and 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Pollinator Pathway
Jennings County Fairgrounds
Pollinator Field Day
124 Attendees
“LOVE THOSE POLLINATORS”
Indiana National Guard in Bartholomew County joins in the project & MUTC - 93 ACRES
CALLI NATURE PRESERVE
SWCD Board Members
City Attorney
Judges
TIF Board Land
Landowners
Civic Groups
Hike the Pollinator Capital of Indiana

Eco Park
Muscatatuck NWR
Muscatatuck Co. Park
Tripton Park
Rails to Trails

Selmiere State Forest
City Park
Calli Nature Preserve
Big Oaks NWR

SHARE SOME SPACE

www.jenningsswcd.org  Community Pollinator Project  www.jenningscounty.net
Tripton Park
CREATE YOUR OWN POLLINATOR GARDEN WORKSHOP!

40 more future habitats
PICKING UP STEAM

Pollinator project gaining popularity in community

By Smoke from the Republic

The Community Pollinator Project by the Jennings County Soil and Water Conservation District continues to make strides and gain in popularity with residents.

Andy Ertel, the Soil and Water Conservation District’s executive director, started in 2015 a project to increase the local pollinator population by planting flowers and plants that attract pollinators and help them thrive.

Bees, butterflies, hummingbirds, birds and some insects are examples of pollinators that are necessary to grow the fruits and vegetables that humans and animals need. Bees are the most prolific pollinators.

Because of a sudden decline in the bee population, the United States Department of Agriculture sponsored a national project to increase the bee population.

Jennings County’s took the cue, and its efforts have resulted in pollinator gardens planted across the community, and individuals learning how to plant gardens of their own.

More recently, in May, the Soil and Water Conservation District completed its second annual plant sale and sold 2,100 plants and flowers for individual gardens.

Now the focus has been on erecting eight new billboards across the county that designed to encourage community awareness and involvement in the project.

Ertel and the district’s administrative assistant, Kelly Kent, began the project without any funding, equipment or labor.

“The first thing we had to do was learn about bees and then we had to figure out how to help them,” Kent said.

After a crash course in what bees, butterflies and birds need to survive, Ertel and Kent set about alerting the community to the crisis and presenting solutions such as planting gardens that attract pollinators.

They contacted Purdue Seed Company and received generous donations of seeds to help grow private and public pollinator gardens.

“We started out with six volunteers and now we have 20 committee members. We couldn’t do any of this without the community support we receive including donations from local businesses and organizations,” Ertel said.

In less than two years, the Jennings County Community Pollinator Project has won multiple state, regional and even national awards.

“We are not slowing down at all. We have many projects in progress and more in the planning stage. This will be a busy summer,” Kent said.
Our way of saying “Thank You” to Wal*Mart for their financial contributions to the “Share Some Space” project.
3 ACRES in May 2018 at INDUSTRIAL PARK WETLAND SITE
Bob and Tina Ellis

1 acre of Wildflowers
New Habitat in Jennings County
CREATE MORE HABITAT

4 ACRES to be Planted Spring 2020
Here is an estimation of many pollinators live in our new habitats

We have counted 12 different pollinators new 10 by 10 foot area (butterflies, bumble bees, honey bees, moths, etc.)

7 elementary X 12 = 84
High School 2500 sq.ft = 300
440 Acres of Ag. Land (credit ¼ acre are flowers) = 574,992
Sand Creek School 10 acres = 13,068
Middle School 4 acres = 5,227
328 Plant Sale Habitats = 3,936
Tripton Park 5 acres = 6,534
Eco-Park 4 acres = 5,227
Vernon Park ¼ acre = 3,267
Calli Nature Preserve 4 acres = 5,227
City Park ¼ acre = 300
Muscatatuck Co. Park = 300
Seed Packages to 500 people = 6,000
Camp Atterbury 93 acres (credit ¼ acre are flowers) = 121,324
Muscatatuck Wildlife Refuge 48 acres = 62,726
Crosley Fish & Wildlife 3 acres = 15,681
City Attorney 3 acres = 7,840
SWCD board members = 5,000
Industrial Park 3 acres = 15,681
American Axle 4 acres = 5,227
857,941

POLLINATORS
• Shelby Co. Parks & Rec.

• Indiana State Association of SWCD

• Pleasant Grove Park

• Sierra Club

• National Association of SWCD Annual Meeting

• Franklin Co. SWCD Annual Meeting
• Shelby Co. SWCD Annual Meeting

• Jefferson Co. SWCD Annual Meeting

• Bedford Rotary, Trimble Co., KY

• Oak Heritage Conservancy

• Hanover College
Are you ready to ....

Share Some Space