Hunter’s Honey Farm is our next field trip

Come join us for a fun field trip to Hunter's Honey Farm on Saturday, August 28 at 10:30 a.m. This well established honey farm is located at 6501 W. Honey Lane, Martinsville. We will be given the Forestry Tour and also a guided tour of the Honey Barn; each will last about one hour. The Honey Barn tour will cost $4.50 per person which will include a small gift bag. The charge for the Forestry Tour will be $2.50 per person. For more information, visit www.huntershoneyfarm.com. Hunter's Honey is sold at the Bloomington Farmers Market and other locations in the area.

We will depart at 9:30 a.m. from Marsh North located at 1825 N. Kinser Pike. We will meet on the south side of the parking lot and carpool to Hunter’s Honey Farm. There will be an email reminder sent as the date approaches. Please contact Vicky St. Myers at vstmyers@hotmail.com by Monday, August 23 if you plan to attend.

September general meeting offers education hours

Please mark your calendars for Tuesday, September 28 at 6:30 pm for our next Master Gardener general meeting. The location of the meeting will be in the education room of the Monroe County Solid Waste Management Building at 3400 S. Walnut Street. This is also the new location of the Extension Office. Chuck Bunnell, an iris hybridizer, will present Diversity in the Rainbow Flower, discussing the genus iris with an emphasis on the less well known species. There will be a business meeting, announcements, and refreshments as well. Please look for more details in the September issue of Roots and Shoots.
Member News

A small but hearty group met in the MC Fairgrounds Demo Garden on July 20 for our general meeting. After brief announcements, we got working to put the finishing touches on the garden. All through the spring and summer, many volunteers have spent time working in the garden. The shade section with numerous hostas and other shade plants, the veggie area with a healthy stand of corn, the herb garden, the many perennials surrounding the perimeter, and the roses and butterfly bushes combine to make the garden a calming and pleasant place to stroll and relax. After clean-up and weeding, large mounds of mulch were spread and the garden now was ready for its County Fair visitors. If you didn’t see it during the fair, pay it a visit sometime soon. We congratulate Beth Murray and her many volunteers who lovingly tend this wonderful garden for us.

Volunteer for Nominations Committee

A nomination committee is being formed to prepare a slate of officers for MCMGA for 2011. Contact Nancy White if you would like to be on the committee or would like to serve as an officer for next year.

Check out these bulb providers

Bulbs are beginning to appear in our gardening catalogues and from on-line suppliers. New varieties and colors appear each year. Some tried and true bulb providers include John Scheepers (johnscheepers.com), Van Engelen Nursery (vanengelen.com), Brent and Becky’s Bulbs (brentandbeckysbulbs.com), and Van Bourgondien Nursery (dutchbulbs.com). Look for bulb planting tips in the September issue of Roots and Shoots.

Better to be safe than sorry

At a recent work session at one of our sponsored gardens in Monroe County, an interesting plant that resembled a spring salad mix green was spotted. A person picked it and sampled several bites. That raised a few eyebrows among the Master Gardeners present, and it stimulated me to investigate a recent column on edible plants online at www.hortmag.com. Here is a quote from the article: “Using wild greens in salads is gaining popularity among chefs and casual cooks alike. Some common plants that are edible include dandelion, chickweed, puslane, and lambsquarters.” Accompanying this article is a companion piece that lists many toxic weeds and plants that can be poisonous and are to be avoided, including oleander, poison hemlock, nightshade, poke weed, foxglove, and jimsonweed. Visit the entire article at the website to gain more information and assure safety in tasting and/or using wild greens in salads.

Six complete Master Gardener certification

Congratulations to the following Master Gardeners who received their certification this month:

Robin Rothe    Nancy Page    Elaine Byers
Roger Byers    Suzi Horan    Debbie Harding
Do you have a gardening addiction?

A Master Gardener sent me the following, author unknown. I seem to see myself in several of these items!

**You Know You're Addicted to Gardening When...**

Your neighbors recognize you in your pajamas, rubber clogs and a cup of coffee.
You grab other people's banana peels, coffee grinds, apple cores, etc. for your compost pile.
You have to wash your hair to get your fingernails clean.
All your neighbors come and ask you questions.
You know the temperature of your compost every day.
You buy a bigger truck so that you can haul more mulch.
You enjoy crushing Japanese beetles because you like the sound that it makes.
Your boss makes "taking care of the office plants" an official part of your job description.
Everything you touch turns to "fertilizer".
Your non-gardening spouse becomes conversant in botanical names.
You find yourself feeling leaves, flowers and trunks of trees wherever you go, even at funerals.
You dumpster-dive for discarded bulbs after commercial landscapers remove them to plant annuals.
You plan vacation trips around the locations of botanical gardens, arboreta, historic gardens, etc.
You sneak home a 7 foot Japanese Maple and wonder if your spouse will notice.
When considering your budget, plants are more important than groceries.
You always carry a shovel, bottled water and a plastic bag in your trunk as emergency tools.
You appreciate your Master Gardener badge more than your jewelry.
You talk "dirt" at baseball practice.
You spend more time chopping your kitchen greens for the compost pile than for cooking.
You like the smell of horse manure better than Estee Lauder.
You rejoice in rain...even after 10 straight days of it.
You have pride in how bad your hands look.
You have a decorative compost container on your kitchen counter.
You can give away plants easily, but compost is another thing.
Soil test results actually mean something.
You understand what IPM means and are happy about it.
You'd rather go to a nursery to shop than a clothes store.
You know that Sevin is not a number.
You take every single person who enters your house on a "garden tour".
You look at your child’s sandbox and see a raised bed.
You ask for tools for Christmas, Mother/Father's day, your birthday and any other occasion you can think of.
You can't bear to thin seedlings and throw them away.
You scold total strangers who don't take care of their potted plants.
You know how many bags of fertilizer/potting soil/mulch your car will hold.
You drive around the neighborhood hoping to score extra bags of leaves for your compost pile. (continued on page 4)
Hendricks County Master Gardeners will host seminars

*Adventures in Gardening* will be held on Saturday, September 25, from 8:30 a.m. to 3:30 p.m., at the Hendricks County 4-H Fairgrounds Auditorium in Danville, Indiana. Cost is $30, which includes continental breakfast and lunch. Doors open at 7:30 a.m. Deadline for registrations is September 21.

This educational event features the following seminars:

*Going Native in Suburbia*, presented by Dan McCord, Hamilton County Urban Conservation Association, discusses ways to transform your subdivision into a beautiful wildflower habitat.

*Oma-Edibles: Escaping the Vegetable Ghetto*, presented by Irvin Etienne, IMA Horticulture Display Coordinator, discusses growing veggies in your flower garden.

*Water Ponds Made Easy* presented by Steve Wicker, owner of Steve Wicker Cool Ponds.

*The Winter Garden* presented by Terri Park, garden enthusiast and specialist in conifers.

To register, mail your contact information and check payable to Hendricks County Master Gardeners to Hendricks County Extension Office, Master Gardeners, P. O. Box 7, Danville, Indiana 46122.

For more information and a map, see [www.hendricksgardeners.com](http://www.hendricksgardeners.com) or call 317-745-9260.

Want to volunteer at the State Fair on Sunday, August 15?

Preston Gwinn, coordinator of volunteers each year at the Indiana State Fair in Indianapolis, has announced that he still has three slots available for volunteers on Sunday, August 15, 2:30—6:00 p.m. If you wish to volunteer, call Preston, and he’ll provide the necessary paperwork for entrance to the fair and directions for locating the Master Gardener booth.

Volunteers answer fairgoers’ plant and gardening questions while manning the booth. Purdue University, which has the responsibility of putting together the booth, does an excellent job of providing resources for quick research, including online and print resources. Usually volunteers have an hour or so for visiting booths while at the fair.

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**Do you have a gardening addiction?** (continued from page 3)

Your preferred reading matter is seed catalogs.
And last but not least:
You know that the four seasons are:
Planning the Garden
Preparing the Garden
Gardening
~and~
Preparing and Planning for the next Garden
Garden Concepts 2010 offers varied program on August 21

GARDEN CONCEPTS: 2010 will be hosted by the Howard County Master Gardener Association on Saturday, August 21, 2010 from 8:30 a.m. to 3:30 p.m., at 1815 East Morgan Street, Ivy Tech Alumni Hall, Kokomo, Indiana. Doors open at 8:00 a.m. Cost is $30, which includes a delicious continental breakfast and lunch. Deadline for registration is August 16; no refunds will be available after the deadline.

Education program is as follows:

**Apple Trees and the Bees’ Knees**  At McClure’s Orchard in Peru honey bees are raised to pollinate the apple trees. Jason McClure will talk about the importance of these small, hard-working insects. He will also discuss dwarf fruit trees that are suited in size to the suburban and urban yard and how to pick the fruit you grow and turn it into hard cider or wine.

**Look Before You Spray**  Purdue Entomologist Larry Bledsoe knows insects and he knows crops. Larry will share with us how these two interrelate and the importance of knowing what insect is chewing on your prized perennial before you do anything. He will discuss alternatives to traditional chemical pesticides and fertilizers, including integrated pest management, applicable to the home garden.

**Edible Landscaping**  Don’t have the room for the traditional vegetable garden but love the taste of a home-grown tomato? Darlene Albright has the solution: put them in your flower bed. Darlene began with a single tomato plant in one of her flower beds. Now she grows strawberries over an old tree stump, vines crops up bamboo trellises, and nestles tomatoes, green peppers, asparagus, and herbs among her flowers. Enjoy her pictures while she describes how fruit, vegetables and flowers mix in her edible landscape.

**Hoosier Roadside Heritage**  The Indiana Dept. of Transportation began an innovative program in the late 1990s aimed at beautifying Indiana roadways, saving taxpayer dollars, lessening the effects of erosion and improving safety. The primary goal is to promote and incorporate native plants and wildflowers into the roadside landscape. Bill Fielding is the coordinator for this program and will share its development and successes with us.

**Nature’s Foundation – Landscape Shrubs**  Shrubs do far more than provide aesthetic interest to the landscape. They also provide habitat for local wildlife, help conserve energy around the home and provide privacy in suburban settings. Native shrubs work best. Master Gardener Suzanne Stevens discusses a variety of shrubs native to Indiana and their uses as a ‘biohedge’, as foundation plantings, and as the bones of a perennial bed.

For more information contact Howard County Extension 765-456-2313. To register, mail your contact information and $30 check payable to Howard County Master Gardener Association (HCMGA) to HCMGA c/o Howard Co. Extension Office, 120 East Mulberry Street, Kokomo IN 46901.
Master Gardeners participate in Monroe County Fair

Many Master Gardeners worked at the Monroe County Fair. Thanks to all those who volunteered and helped out during our MC Fair activities. Their efforts made these fair events possible.

Demo Garden: Beth Murray, coordinator, Elaine and Roger Byers, Peggy Reis-Krebs, Diana and Herman Young, Mary Hawkins, Marilyn Brinley, Joanna Howe, Barbara Hays, Nancy White, Mary Carol Paul

Open Class Floral Arrangements: Linda Burke, superintendent, and Glee Tilson

Garden Chats: Diana Young and Amy Thompson, arrangements; speakers were David Ray, Growing Giant Pumpkins; Davie Kean, What would Selma Steele Think?; and Jami Scholl, Permaculture


Open Class Vegetables and Flowers: Diana Young and Esther Minnick, superintendents, Elaine and Roger Byers, Gretchen Scott, Diana Dingman, Nancy White, Dot Owen, Evelyn Harrrell, Herman Young, Joyce Peden, Lloyd Minnick, Judy Hawkins
2010 Monroe County Fair produced happy memories

Cut flower display at the Monroe County fair
Photo by Amy Thompson

Judy Hawkins, (front), Joyce Peden, and Diana Dingman placed ribbons on the winning Open Class flower specimens.
Photo by Nancy White

Sign invited fair visitors to explore the open class vegetable and flower displays. Photo by Nancy White

The lush growth of pole beans provided a tunnel view of the pole arbor. Photo by Nancy White
Brown County Native Woodlands Project is presenting *Nature Daze* 2010 on Saturday, September 11, 8:30 a.m. to 3:00 p.m. at the Freeman property, 9491 Grandview Road, Columbus, Indiana. The program is free, but registration is requested and can done online at [www.bcnwp.org/nature-daze](http://www.bcnwp.org/nature-daze) or by phone [812-988-0246] or by email at [info@bcnwp.org](mailto:info@bcnwp.org). The sessions for this program count toward Master Gardener education hours.

**Concurrent Session Topics**

- *Invasive or an Impostor?*  Ellen Jacquart  
- *Sharpening Your Garden Tools*  Tom Tedrowe  
- *Understanding the Value of a Tree*  Jack Seifert  
- *Water Quality on Your Property*  Cathy Paradise and Martha Miller  
- *Native Pollinators in Your Backyard Habitat*  Cathy Meyer

**Real World Demonstrations**

- *Invasive Control: Where to Begin*  Dan McGuckin  
- *Identification of Birds by Song*  Geoff Keller  
- *Creek Stomp for All Ages*  Kevin Sullivan and CYO Camp Ranch Framasa staff

CYO Camp Rancho Framasa staff will provide programs in the morning for kids ages 8-15 whose parents are attending *Nature Daze*. Kids under age 8 that wish to attend the Kids Program must be accompanied by an adult.

A variety of native plants will be on sale at $5 per potted plant. Sales benefit BCNWP.

**Boxwood Fruit Capsule**

Boxwood (*Buxus* sp.) fruits consist of a three-sectioned, horned capsule. Boxwood flowers lack petals and so flowering in early spring often goes unnoticed by humans (bees flock to them). The fruits that follow can also be missed, as their green color blends in with the foliage most of the season. And if the plants are pruned during the growing season, the fruits are likely removed with the trimmings so many gardeners never see the capsules. Most nursery stock is propagated by cuttings of specific cultivars rather than by seed.

Photos by Rosie Lerner  

By Rosie Lerner, Extension Consumer Horticulturist, Purdue University
<table>
<thead>
<tr>
<th>Location</th>
<th>Time</th>
<th>Jobs</th>
<th>Contact</th>
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<tbody>
<tr>
<td>Hilltop Garden and Nature Center</td>
<td>year around</td>
<td>various</td>
<td>Greg Speicher, 855-2799 or <a href="mailto:gspeiche@indiana.edu">gspeiche@indiana.edu</a></td>
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<tr>
<td>MG Demonstration Garden</td>
<td>seasonal</td>
<td>various</td>
<td>Bethany Murray, 339-8876, <a href="mailto:bethany.murray@gmail.com">bethany.murray@gmail.com</a></td>
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<tr>
<td>T. C. Steele SHS</td>
<td>seasonal</td>
<td>various</td>
<td>Davie Kean, 988-2785</td>
</tr>
<tr>
<td>Flatwoods Park Butterfly Gardens</td>
<td>seasonal</td>
<td>various</td>
<td>Cathy Meyer, 349,2800</td>
</tr>
<tr>
<td>MCMGA Horticulture Hotline</td>
<td>year around</td>
<td>inquiries and research</td>
<td>Amy Thompson, 349-2575</td>
</tr>
<tr>
<td>MCMGA Speakers Bureau</td>
<td>year around</td>
<td>various</td>
<td>Amy Thompson, 349-2575</td>
</tr>
<tr>
<td>MCMGA Newsletter</td>
<td>year around</td>
<td>writing, stapling, labeling</td>
<td>Helen Hollingsworth, 332-7313</td>
</tr>
<tr>
<td>MCMGA Web Site</td>
<td>year around</td>
<td>various</td>
<td>Barbara Hays, 332-4032</td>
</tr>
<tr>
<td>MG Program Committee Member</td>
<td>year around</td>
<td>plan MG programs</td>
<td>Vicky St. Myers, 323-7072, Jeff Schafer,325-3130</td>
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<tr>
<td>Middle Way House</td>
<td>seasonal</td>
<td>various</td>
<td>Clara Wilson, 333-7404</td>
</tr>
<tr>
<td>Wylie House</td>
<td>year around</td>
<td>various</td>
<td>Sherry Wise, 855-6224</td>
</tr>
<tr>
<td>Mother Hubbard’s Cupboard</td>
<td>year around</td>
<td>education, resource</td>
<td>Stephanie Solomon, 334-8374</td>
</tr>
<tr>
<td>WonderLab Garden</td>
<td>2 times monthly</td>
<td>various</td>
<td>Nancy White, 824-4426</td>
</tr>
<tr>
<td>Hoosier Hills Foodbank</td>
<td>year around</td>
<td>various</td>
<td>Jessica Williams, 334-8374</td>
</tr>
<tr>
<td>Cheryl's Garden at Karst Farm Park</td>
<td>summer 2010</td>
<td>design and maintain</td>
<td>Nancy Fee, 332-1940</td>
</tr>
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</table>

Please wear your name badge when volunteering.

Remember to report 2010 hours only at http://www.four-h.purdue.edu/mg/.
Sunflower headclipping weevil also attacks coneflowers

This is a black weevil about 1.0 cm (1/3 inches) long with a long, curved snout and relatively soft wing covers. Diagnosis is most easily made by the distinctive form of the plant damage. Adults girdle flower peduncles and leaf petioles leaving partially severed flowers or leaves hanging on the plant. When severed flower heads are opened, they often reveal mating aggregations of adult weevils covered in pollen.

There is only one generation per year, the adults typically appearing on sunflowers as they approach reproductive stages in July. Weevils sometimes sever leaf petioles if flower buds are not yet available. Only females are thought to perform the clipping behavior. Weevils spend a lot of time and energy severing heads and this behavior may function to reduce its suitability for other flower-feeding insects that might otherwise compete with larvae for the resource. Weevil pairs can frequently be found mating and feeding on pollen within the severed heads while they remain hanging from the plant. Eggs are laid in the hanging head but are thought to hatch only after the head falls to the ground. Developing larvae feed on the decomposing tissues, eventually leaving the head to overwinter in the ground as mature larvae. Pupation and emergence of adults occurs the following summer.

This insect usually affects only a small proportion of plants within a field, typically within border rows, and rarely warrants treatment. However, in Kansas it has become sufficiently abundant in some years to cause appreciable yield losses. Treatment should be considered if 10% or more of flower heads have been clipped and adult weevils are still active within the field. Applications directed at sunflower moth will normally afford some control of head-clipping weevils. If treatment is necessary for head-clippers specifically, follow material recommendations for sunflower moth but target the backs of flower heads for coverage, rather than the flower faces. Photos by J. P. Michaud

Editor’s note: Check your coneflowers! If your coneflower heads are dangling [and turning quite brown in the summer heat], the culprit is likely headclipping weevil. I’ve been clipping below the damaged part and putting heads into the trash can.
Plants, crafts, food, and seminars at Wabash Herb Fest

The 13th Annual Wabash Herb Fest will be held on Saturday, August 21, 2010, 9:00 a.m. to 3:00 p.m. at Paradise Spring Historical Park, located at the corner of Allen and Canal Streets. The event features plants, crafts, food, and free seminars.

Educational seminars are as follows:

9:30 a.m., Spice up Your Life presented by Teresa Witkoske, Master Gardener, educator and nutrition specialist, who will present the history of herbs and spices around the globe, plus offer healthy and flavorful recipes tips. Sample some of her tasty dishes.

11:00 a.m. Medicinal Plants of Indiana Pioneers presented by Dr. Kathleen Hull, who will discuss the healing properties of particular plants and how they were used before the convenience of the local drug store. This seminar will be held at the Charley Creek Gardens Education and Resource Center, and a reservation is required; phone 260-563-1020.

1:00 p.m. Lovely Lavender presented by Renee Troyer Campbell who will explain how lav-ender affects our sense of taste, emotional state and health. Renee is an "Herbie" who owns Prairie Trail Farm. Taste test some of her creations.

For more information contact tourism@wabashcountycvb.com or call 800-563-1169 or email Kris Moore at r.k.moore@comcast.net.

Two-day event offers speakers and garden tours

A fantastic opportunity to attend a two-day gardening event, Exploring Design, Plant Selection, and Maintenance of the Mixed Border, presented by the Perennial Plant Association and the Minnesota Landscape Arboretum will be offered August 13-14 in Chaska, Minnesota. Chaska is located southwest of the St. Paul/Minneapolis Metro area.

On Friday, August 13, registration is 8:00 a.m. -8:45 a.m. with lectures from 8:45 a.m.–5:00 p.m. On Saturday, August 14, 2010, group will tour public and private garden plus a garden center/nursery.

Pre-registration is required. The two-day program cost is $175, which includes lectures, refreshment breaks, coach transportation and both Friday and Saturday lunch. Single day registration is available. For more information contact the PPA by telephone at 614-771-8431, email PPA at ppa@perennialplant.org or visit their website at http://www.perennialplant.org/ and in left column click on Central Region Perennial. You can also contact Martha Smith, Central Regional Director, University of Illinois Extension, smithma@illinois.edu, telephone 217-241-4644 or 309-734-5161

<table>
<thead>
<tr>
<th>Friday Speakers</th>
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<tbody>
<tr>
<td>Finishing Touches: The Power of Detail in Garden Design presented by Colston Burrell, Native Landscape Design and Restoration, Free Union, Virginia; Proven Perennials for Northern Gardens presented by Richard Hawke from the Chicago Botanic Gardens; New Shrubs for the Mixed Border presented by Debbie Lon-nee with Bailey Nurseries; Carmen Miranda for Northern Gardens, presented by Irvin Etienne with the Indian-apolisMuseum of Art Horti-culture; Bringing your Peren-nials Up Right presented by Dr. Laura Deeter, ATI Ohio State University.</td>
</tr>
</tbody>
</table>
August 2010

Cooperative Extension Service
Health Building
119 West Seventh Street
Bloomington, IN 47404

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812-349-2575  athompson@purdue.edu

2010 Hours: http://www.four-h.purdue.edu/mg/

Master Gardener summer calendar

Friday-Saturday, August 13-14, 8:00-5:00, Exploring Design, Plant Selection, and Maintenance of the Mixed Border, Chaska, Minnesota

Saturday, August 21, 8:30-3:30 p.m., Garden Concepts 2010, Kokomo, Indiana

Saturday, August 21, 9:00-3:00 p.m., 13th Annual Wabash Herb Fest, Terre Haute, Indiana

Saturday, August 28, 10:30 a.m., field trip to Hunter’s Honey Farm, Martinsville

August, date and time TBD, tour of Oliver Winery, north Highway 37, Bloomington

Saturday, September 11, 8:30-3:00 p.m. Nature Daze, Columbus, Indiana

Saturday, September 25, 8:30-3:30 p.m. Adventures in Gardening, Danville, Indiana

Tuesday, September 28, 6:30 p.m., Master Gardener general meeting, Solid Waste Building meeting room, 3400 S. Walnut S., Bloomington