



Manitowoc County UW-Extension Master Gardener Newsletter

November/December 2007

Coming Events

- Oct 22nd **Manitowoc County Master Gardener Monthly Meeting** - Manitowoc County Office Complex
A 6:30 p.m. meeting will be followed by a presentation by Mary McLean on pruning. After Mary's presentation, Sue Sheil will share a presentation on the photos from the 2007 Garden Walk.
- Oct 25th **Apple Tasting Event** - Ag & Extension Service Center, 1150 Bellevue St., Green Bay; 6:30 - 8:00 p.m.
Tony Dembski of Maple Valley Orchards & Nursery will return to bring us a sampling of the late season heirloom apples grown at his orchard located north of Gillette. We will be sampling approximately 15-20 different varieties & evaluating each one. Tony will also discuss proper growing techniques and answer any questions you may have. Apples will also be available for sale. A \$2 donation is appreciated.
- Oct 26th **Brown Bag Wisline - Small Deciduous Trees** - Manitowoc County Office Complex; Noon - 1 p.m.
Consider available space, protection, growth rate and soil adaptability when selecting small trees. If limited space or locations for limited height trees is a landscape concern, several kinds of small trees provide varied foliage, flowers, bark, fruit and fall color for year round interest. Make sure the water requirements of the tree match the conditions at your site. Look for new varieties of small trees that are continually introduced. Join Dr. Robert Tomesh and others for this landscape consideration.
- Oct 27th **"What It's Like to be a Hosta"** by Bob Solberg of Green Hill Nursery in North Carolina
Alliance Church Gymnasium, 502 21st Street North, Menomonie, Wisconsin at 9 a.m. No charge
This event is sponsored by the Northern Wisconsin Hosta Society. See page 3 for more details.
- Oct 27th **Five Buck Hootenanny**; Woodland Dunes; 7:00 p.m.
Moxie Chicks join Fritz Schuler for an enjoyable evening of song. The Moxie Chicks' swinging three-part harmony vocals liven up a wide variety of original, traditional, classic, and contemporary songs. Their musical motto is "Sweet harmony with an attitude!" Adults, \$5.00; children under 12, \$2.00.
- Nov 2nd **Vegetable Grower Marketing Field Day** (Sponsored by WI Fresh Market Vegetable Growers Assn.)
Waldvogel's Farm, N7416 CTH I, Juneau, WI 53039; 8:30 a.m. - 3:00 p.m.
Call the UW-Extension office for a brochure. Registrations due October 29th.
- Nov 3rd **Tree Pruning 101** - Green Bay Botanical Gardens; 9:00 a.m.-10:30 a.m.
Have your yard trees ever been damaged by snow or a storm? Have you planted a new tree but are now unsure how to keep it in good shape? In this hands-on workshop, Mike Maederer of A 4 Season Tree Care will show us how to prune trees for proper development in GBBG's Memorial Grove. In the process, we will learn more about the growth and care of these plants we often take for granted. A little work up front makes for a strong, healthy tree for a lifetime. *This is a hands-on, outdoor activity. Please dress appropriately.* Pre-registration and fee required. Call Toll Free: (877) 355-4224.
- Nov 3rd **Winnie Smith Dinner** - Woodland Dunes Nature Center; 6:00 p.m. - Call early to reserve your place for this always sold-out fund-raiser! We'll kick things off with live music and hors d'oeuvres, then enjoy a sumptuous autumnal dinner. Our guest speaker, Laura Erickson will delight you with her stories of birds and nature, and we'll finish off the evening with a silent auction. Tickets are \$50; reservations required. Call (920) 793-4007 to reserve your place.
- Nov 10th **Holiday Centerpiece Demonstrations** - Schroeder's Flowers, 1530 S. Webster Ave., Green Bay; 10 a.m.
Just in time for those holiday dinners and get-togethers! Schroeder's design staff will be demonstrating centerpieces for all the holidays from now through New Year's. Arrangements will include fresh and silk flowers, green plants, and candles. Added are those extra touches to personalize each to fit your lifestyle. This class is demonstration only. To register, contact Debi @ (920)-465-8512.

- Nov 12th** **Mosaic & River Rock Birdhouse** - Ag & Extension Service Center; 6:30 - 9:00 p.m.
Make one for yourself or great as a gift, this fun-filled project is brought to you by Swanstone Gardens and David Calhoun. No two houses will be alike and each house is a reflection of your own personal taste and design. Once you assemble the pre-cut wooden house you will decorate it choosing from a wide assortment of colored pebbles, mosaic pieces, along with a multitude of other natural materials. Class fee is \$36 and includes all necessary materials. To register, contact Debi @ (920)-465-8512.
- Nov 13th** **Mosaic Garden Stakes** – Green Bay Botanical Garden; 6 – 8 p.m.
Let color loose in your garden! David Calhoun and Mary Curran of Swanstone Gardens will provide all the materials and tips for you to create the masterpiece of your choice: a butterfly, dragonfly, or fish. Be messy, be imperfect, be who you are! Pre-registration and fee required. Call Toll Free: (877) 355-4224.
- Nov 24th** **Holiday Decorating** - Schroeder's Flowers, 1530 S. Webster Ave., Green Bay; 10:00 a.m.
Decorating ideas for both inside the house and out will be covered - including ideas for Thanksgiving through Christmas. Learn how to dress up the entrance to your home making your guests feel welcome. Discover tips and techniques used by the experts to light up your home and yard for the holiday including shortcuts we should all know about! Creative holiday container ideas will take you from one holiday to the next. Free with non-perishable food donation for local food pantry. To register, contact Debi @ (920)-465-8512.
- Nov 24th** **Moonlight Magic** - Woodland Dunes; 6:00 p.m.
Join us for an evening of fun in the moonlight. Learn about owls, bats and other critters that go bump in the night on this hike along Conifer Trail. Bring a flashlight. Meet at the Nature Center. Cost: \$1
- Nov 26th** **Manitowoc County Master Gardener Monthly Meeting** - Manitowoc County Office Complex; 6:30 p.m.
Sandy Livermore will present "Bookworm Gardens: Chapter One" about the 1.5 acre children's garden based on children's literature, which will break ground next summer in Sheboygan and open in 2009. For more information, visit www.bookwormgardens.org.
- Nov 30th** **Brown Bag Wisline - Extending Raspberry Harvest** - Manitowoc County Office Complex; Noon
Raspberry fruit production in Wisconsin is available from June through September. With today's early fruiting summer cultivars and fall fruiting cultivar selections, one can easily have fresh raspberries available through this extended period. Join Dr. Robert Tomesh in a discussion regarding the many raspberry selections available to backyard fruit enthusiasts. Call 683-4168 to pre-register.
- Dec 1st** **Caring for Your Holiday Plants** - Schroeder's Flowers, 1530 S. Webster Ave., Green Bay; 10 a.m.
Now that you have that beautiful holiday plant, learn what is needed to keep it looking its best through the holidays and beyond. Covered will be poinsettias, Christmas cactus, amaryllis, along with some of the more unusual plants featured during the holidays. Learn about proper lighting, watering, feeding. Discover the truths behind the poisonous and non-poisonous myths. This class is free with a non-perishable food donation for a local food pantry. To register, contact Debi @ (920)-465-8512.
- Dec 10th** **Master Gardener Christmas Party**
Home of Pat and Stan Hollen; ADDRESS and TIME
Pot luck and gift exchange
- Dec 14th** **Brown Bag Wisline - Growing Cole Crop Vegetables** - Manitowoc County Office Complex; Noon
When cabbage and kales were first domesticated, many other types of vegetables eventually found their way to the table. They are many different kinds of vegetables (kale, collards, kohlrabi, broccoli, cauliflower, and many selections of cabbage) but they all are the cultivated forms of *Brassica oleracea*. Join Dr. Robert Tomesh in a review of the botany, culture and storage of these vegetables which are common to the northern hemisphere. Please call 683-4168 to pre-register.
- Dec 15th** **Starry, Starry Night** - Woodland Dunes; 5:00 p.m.
Have you ever looked up into the sky and wanted to know more? Well here's your chance. Members of the Green Bay Astronomical Society will teach us about the solar system and star viewing. The program is family oriented and geared for 8-12 year olds, but all ages are welcome. We'll start with an indoor program, then, weather permitting, go outside to learn about telescopes and view the stars! Meet at the Nature Center. Cost: \$1 each.

11th Annual WPS Garden of Lights

Fridays, Saturdays, & Sundays, 5 p.m. to 9 p.m.

November 23-December 30

A holiday favorite featuring over 200,000 lights crafted in flowers, butterflies, and other botanical themes. Walk the trail or take a horse-drawn wagon ride (additional \$2, subject to availability). Indoor garden railroad also featured. Admission: \$5 adults, \$3 children ages 5-12

Jan 18-19th

Ikebana Show – Green Bay Botanical Garden; 9 a.m. to 4 p.m.

The Ikenobo tradition of Ikebana – the traditional Japanese art of floral arranging-will be brought to fruition by local practitioners. Ikebana and tea ceremony demonstrations at 11 a.m. and 2 p.m. daily.

Jan 26th

The Snow Ball - Woodland Dunes Nature Center; 9:00 a.m. to 1:00 p.m.

(No-Snow date: Saturday, February 17th, 9:00 a.m. to 1:00 p.m.) Join us for a morning of winter fun! Snowshoeing, tracking, animal adaptations, plant identification and more!! You will have a ball!

Cost: \$5.00 family or \$2.50 individual

Jan 26th

12th Annual Toward Harmony with Nature Conference; Hilton Garden Inn, Oshkosh, WI

This day-long seminar on native landscaping is sponsored by the Fox Valley Area Chapter of Wild Ones. Keynote speaker, Mariette Nowak, author of "Birdscaping in the Midwest" will speak on "The Joys of Natural Landscaping." For more information contact Karen at (920) 987-5587.

Feb 8-10

WPT's Garden Expo; Madison, WI

July 16-19

MG Tri-State Conference; Milwaukee, WI



Hosta Hybridizer Bob Solberg...The Northern Wisconsin Hosta Society is proud to present well-known hosta grower and hybridizer Bob Solberg of Green Hill Nursery in North Carolina on Saturday, October 27, 2007.

Bob Solberg is the hybridizer and introducer of over 45 hosta cultivars including such greats as 'Guacamole', 'Rascal', 'Shiny Penny', 'Blue Monday', 'Twist of Lime', 'First Frost', 'Cracker Crumbs', 'September Sun', and 'Orange Marmalade'. These are just a few of the well-known hosta he has introduced to the gardening community.

The presentation, "What It's Like to be a Hosta", will be given at The Alliance Church Gymnasium in Menomonie, Wisconsin at 9 a.m. The gymnasium is located at 502 21st Street North, behind the Myrtle - Worth Hospital on 21st Street. This event is free and open to all gardeners wanting to attend. Refreshments will be available. Drawings for door prizes will be done after the presentation.



We would prefer you RSVP to give us an idea of how many to expect, but not necessary. To RSVP or for more information call 834-0447, 664-8522, 353-2625 or email flntmbrs@indianheadtel.net or wisbassmaster@yahoo.com with "Hosta" in the subject line.

Don't miss out on this one time event. It is guaranteed to be an exciting, educational, and entertaining presentation that will give you the opportunity to learn from one of the most knowledgeable experts in the hosta world.

Thank You to...

- ✿ Pat Wiegert...for doing an absolutely fabulous presentation on butterflies...it was GREAT! And to Gladwyn Doughman for sharing information and samples of Japanese Parsley.
- ✿ Sandy Stock for hosting the September Master Gardener meeting, potluck and plant exchange. It was a very nice tour and meeting.
- ✿ Pat Hollen and Judy Tisler for volunteering to help with the Fall Seminar. Your help was appreciated.

Master Gardeners' Holiday Party



Date: December 10, 2007

Time: 6:00 p.m.

Place: Home of Pat and Stan Hollen, 508 N. Rapids Road, Manitowoc

Thank you to Pat and Stan for volunteering to host the 2007 Holiday Get Together. Please bring a dish to pass. Beverages will be provided. There will be an optional \$10 gift exchange for those wishing to participate. If driveway is parked full, there is parking available on Delta Street, off of Rapids Road.

Master Gardener Fall Seminar...On October 6th, 43 guests attended the Master Gardener Fall Seminar and enjoyed a presentation by Vijai Pandian, Brown County UW-Extension Horticultural Educator, on "Ten Tips for Preparing Your Landscape Plants for Winter." Everything for soil amending in fall, to pruning and protecting trees during the cold blustery winter was shared with the group.

After a short break, Linda Goodine, a culinary herbalist, discussed companion planting, growing, harvesting, drying, freezing and usage of the most popular culinary herbs. A smorgasbord of treats from lavender pound cake with lemon verbena ice cream to Haymaker's Switchel was served after the presentation with many positive comments from those attending. Packets of the printed material, including recipes, are available at the UW-Extension to Master Gardeners who could not attend. Cost for the packet is \$2.50.

Welcome New Member...Welcome to our 2 new Associate members:

- ☀ Pam McNamara - 7430 CTH CR, Manitowoc, phone: 920-726-4440; email - prantiques@lakefield.net
- ☀ Gloria Wallace - 1610 Reed Avenue, Manitowoc, phone 920-682-5819; email - gwallac@mcls.lib.wi

MG Membership Dues...Membership dues for 2008 can be paid any time between now and January 1st. Even if you did not complete a volunteer record sheet, you can still be a member of the Master Gardeners of Manitowoc County. Membership dues are \$10.00 and this includes annual membership in the Wisconsin Master Gardener Association (WIMGA). Please make checks payable to Master Gardeners of Manitowoc County and mail them to Treasurer Doris Magyar at 14409 Hwy. 42, Two Rivers, WI 54241.

WIMGA Newsletter...WIMGA needs everyone's help in lowering the cost of the newsletter. Susan Mahr would like to see everyone that could receive their newsletter via the electronic form try to do so electronically. You would have the options to go back to hard copy if it doesn't work. Soon the cost of doing the newsletter will come back to bite everyone in the form of an increase in membership dues if we can't get the cost down. Detail on how to request to receive the WIMGA newsletter electronically will be in the January/February newsletter.

Wisconsin Fresh Fruit and Vegetable Growers News...Growers should be aware that in 2008, Wisconsin will be hosting the conference of the North American Farmers Direct Marketing Association at the Kalahari Resort in Wisconsin Dells. The workshop date of February 18th will replace our normal Wisconsin Fresh Fruit and Vegetable Conference that is usually held in January. Please put this date on your calendar and plan to attend. If you are going to be in the Dells for one day you may as well continue for the NAFDMA Conference and learn some new ideas about how to better market your products to your customers. Visit the Wisconsin Fresh Market Vegetable Growers Website at <http://www.hort.wisc.edu/freshnews/> - Teryl Roper, UW Extension Fruit Crop Specialist

MG Volunteer and Continuing Education Hours for the Year 2008...

Enclosed in this newsletter is a new sheet for volunteer hours...you know how it goes...you keep good track of your hours for a few months, then forget to write them down for a few months, then spend a few months trying to recall what you did so you can turn in your sheets...☺

Volunteer Opportunities... The following email came from Jim Knickelbine at Woodland Dunes... I will be trying to do some fall herbiciding of garlic mustard at Maribel Caves in November, and would appreciate some help from Master Gardeners if they can. Fall is an excellent time to treat garlic mustard so that the need to pull in spring is reduced. Native plants are dormant in the fall, but I would still prefer working with Master Gardeners because of their knowledge about both plants and how to apply herbicides. Gladwyn will be helping with this effort. Anyone who is interested in helping can contact Jim Knickelbine at 793-4007.

Website Picks



University of Minnesota Sustainable Urban Landscape Information Series (SULIS) - Sustainable Herbaceous Plant Maintenance provides basic information about types of herbaceous plants and their methods of maintenance. Each section includes links to other UMN online publications and websites as well as many external websites.

Visit http://www.sustland.umn.edu/maint/herbaceous_maint.html.

2008 Master Gardener Meeting Schedule... Below are topics scheduled for the October 2007 through December 2008 Master Gardener meetings. Please make confirmations of topics and speakers and report on any changes and confirmations at the October 22nd monthly meeting.

We hope that everyone can find something of interest in the scheduled topics. It has been very nice to see the nice turnout at our recent meetings.

October 22, 2007	Mary McLean - Pruning (Rosie to confirm)
November 26, 2007	Sandy Livermore - Storybook Gardens (Dawn - confirmed)
December 10, 2007	Pat Hollen - Christmas Party (confirmed)
January (Date Undetermined)	Carrie Bratz, Chairperson - Annual Dinner (Carrie to confirm)
February 25, 2008	Sue Crowley - Forester (Dorothy to confirm)
March 17, 2008	Hartman's Towne & Country Greenhouse (Rosie to confirm)
April 28, 2008	Silver Lake Country Store (Judy Yanda to confirm)
May 19, 2008	Woodland Dunes (PowerPoint on Invasive Weeds & Plant Exchange (Gladwyn - confirmed)
June 23, 2008	Garden Tour at Don Cisler's Home (Rosie to confirm)
July 28, 2008	Garden Tour at Aurora Medical Center (Judy Tisler - confirmed)
August 25, 2008	Garden Tour at Chris Boeder's Home (Judy Tisler - confirmed)
September 22, 2008	Dawn Fruzen - "Putting Your Garden to Bed" (Dawn - confirmed)
October 27, 2008	Pam Backus - Bulb Forcing (Carrie Bratz to confirm)
November 24, 2008	Annette Kittleson - Flavored Vinegars (Dorothy to confirm)
December 15, 2008	Christmas Party (need volunteer to host)

Moving On... As of November 16th I will be taking another position in the County as Deputy Register in Probate. I will sincerely miss working so closely with all of the Master Gardener organization, but an opportunity has arisen that I could not pass up. I will continue to do the Manitowoc County Master Gardener newsletter and will still be a Manitowoc County Master Gardener Volunteer. I ask that those of you with information for the newsletter send it to my home email address at dawn342@comcast.net.

I would hope that the person who fills my position will find it as much a pleasure to work with all of you as I have. Many thanks for being such a great group of people!

Christmas Trees...The most popular fresh cut trees are:

- Fraiser Fir - short long lasting needles, sturdy tree with lots of room for hanging ornaments. Provides a subtle aroma.
- Balsam Fir - also short needles, but fuller than the Fraiser, fresh fir aroma.
- White Spruce - greenish to blue-greenish short needles with fairly good needle retention, natural openness for hanging ornaments.
- Norway Spruce - dark green short needles, again openness, mild pine fragrance
- Scotch Pine - long needled, hardy tree stays fresh for weeks, strong branches allows room for lots of ornaments.
- White Pine - known for long soft needles, fullness and beauty.



A discarded Christmas tree can benefit wildlife. By moving your Christmas tree to the yard, you can provide a protection for birds; a place where they can congregate and feed. Another idea, if you have water on your property, these trees are great for fish - just sink them in a lake or pond and they can serve as cover for fish and an inviting place for them to spawn.

Another idea is to take the limbs from the tree and place them over plants to protect them from winter winds, or use these limbs to hold mulch in place. And, if you have the equipment, grinding up your Christmas tree is a way to benefit your garden. Use the ground-up mulch around plants, or you can put it in the compost bin for future use.



Protective Measures Can Save Your Trees During Harsh Winter Weather

Late fall is the time to prepare your trees to help them face the upcoming harsh winter. Sunscald injury on young trees and winter burn on evergreens are typical environmentally related disorders that occur during mid to late winter. These disorders can be prevented if proper measures are taken in the fall.



Sunscald: Wrapping young tree bark in the fall with sisal kraft paper, burlap or other materials can help prevent sunscald injury in winter. Sunscald injury causes decline in the growth of the tree. Rapid temperature fluctuation during sunny but very cold weather in mid and late winter causes the bark of young trees to loosen and split as tissue expands and contracts. The split on the bark of the tree will be visible on the south or west side of the tree, and in severe cases it can result in the death of the tree during the next few years.

Sunscald occurs more frequently on thin-barked trees such as aspen, birch, cottonwood, fruit trees, honeylocust, mountain ash, maple and willow. Newly planted trees are more susceptible to sunscald injury than older established trees because the bark on older trees is thicker and roots are better developed. So protect young trees in late fall to prevent severe sunscald injury.

Winter burn on evergreens: Sunny and cold windy weather during winter causes excessive transpiration or foliage water loss while the roots of evergreens are in frozen soil and unable to replace lost water. This causes winter burn or desiccation injury in evergreens. The symptoms of winter burn are more commonly visible during the following spring. Watering evergreens to about one inch deep just before the ground freezes helps in preventing winter burn injury. Placing a protective barrier of burlap over or around plants to protect them from winter winds and sun will help to reduce the incidence of this injury.

Source: Vijai Pandian, Brown County Horticultural Educator

Orchard Rodent Control

Every year some apple growers lose some trees, especially young trees to rodent injury. While we will never eliminate rodent injury, we can reduce the incidence. This article will attempt to describe the problem and outline methods to minimize the chances of injury.

The rodent that does most of the girdling injury in apple orchards in Wisconsin is the vole. Two species are found in Wisconsin. The most common is the Meadow Vole which is found throughout the state. The Pine Vole is usually found only in southern areas of the state and along the Mississippi River to about La Crosse. The two species are most readily distinguished by the length of their tails. Meadow voles have a longer tail (roughly 2X) than pine voles. Other characteristics of the two species are shown in Table 1.



Characteristic	Meadow Vole	Pine Vole
Length	3.5 to 5 inches	2.8-4.2 inches
Tail length	1.4 to 2.6 inches; at least twice the length of the hind foot	0.6 to 1 inch; less than or equal to the length of the hind foot
Adult fur	Coarse, dark brown mixed with black	Soft, auburn, no guard hairs
Eye size	Large	Small
Ears	Large	Inconspicuous
Nest placement	Usually above ground	In burrows less than one foot deep
Sociality	Females maintain territory, males mobile	Family units maintained year round
Food	Grasses, sedges, seeds, grain, bark, some insects	Bulbs, tubers, seeds, bark
Damage	Girdle trunks at or above soil surface, to snow line in winter	Girdle crown and roots

Their diet usually consists of grasses, roots, fruit, seeds, etc. However, in the winter or other times when other foods are short, voles will gnaw through the bark of trees to get at the cambium layers and the phloem. Meadow voles will often gnaw off the bark up to the snow line as long as snow can provide shelter from predators.

Voles are short lived but prolific animals. Females can breed as early as three weeks of age and after a gestation period of 21 days gives birth to litters ranging from 4 to 7 pups. A female can produce 3-4 litters per year in the wild. (In captivity meadow voles have produced as many as 17 litters per year). Populations can increase rapidly under favorable conditions.

Given the right conditions voles can do significant damage to apple trees. One study in New York estimated that vole damage and control measures cost growers an average of \$108 per acre per year. Severe damage in young orchards could be substantially more expensive.

A critical part of any control program is to monitor populations. This is easily done by placing slices of apple under shingles or pieces of tar paper and then re-checking after 24 hours. Use at least 20 monitoring stations in a suspect section of the orchard. If more than 15% of the apples show gnaw marks after 24 hours active control measures are warranted.

Three types of control measures are usually practiced by orchardists. The first is orchard floor management. Since voles require food and shelter to grow and reproduce, removing these will help reduce populations. Mowing the grass in an orchard 3 or maybe 4 times per year with a flail or rotary mower will eliminate habitat and help keep populations in check. Mowing removes cover under which voles hide from their predators. Increasing predator efficiency will also reduce vole populations. In addition, a vegetation free area around tree trunks will greatly discourage voles from living right next to trees. Mowing is

relatively inexpensive and is the first guard against vole damage. **The last thing apple growers should do in the autumn before snow fall is to mow the orchard short.** If possible, remove or chop any dropped fruit to eliminate this potential food source. For more information on orchard floor management see Extension bulletin [A3562 Orchard Floor Management](#).

The second technique is to protect the trunk by placing a cylinder of wire mesh around it. The preferred material is 1/2 inch mesh galvanized hardware cloth. An 18" square can be rolled into a suitable trunk guard. Commercially available plastic guards are also suitable. However, the spiral plastic trunk wraps are not recommended. These do not allow air movement around trunks allowing fungi to attack the bark. They should be removed each spring and be replaced each fall, so their overall cost is higher than hardware cloth. If possible have the lower edge of the trunk guard extend 1 to 2 inches below the soil surface. See Extension Bulletin A2148 *Meadow Mouse Control*.

The third technique is to use poison baits to reduce populations. Rodenticides are important and are usually a necessary part of a control program. However, they should be used only if populations are known to exist and after good orchard floor management is practiced. Rodenticides cannot replace habitat destruction! The most commonly used rodenticides are zinc phosphide baits. These can either be pelleted or granular mixed with cracked corn. Pelleted baits are considered safer and more effective than granular baits. *All zinc phosphide baits are acute poisons and are restricted use pesticides that may only be used by certified pesticide applicators.* Some growers broadcast the rodenticide throughout the orchard, but that is not as effective as using bait stations. Several kinds of bait stations are effective. An easy and effective bait station is made with 2" PVC pipe. Glue one foot sections of pipe into a "T", put the bait in the base of the "T", and place the stations on their side throughout the orchard (2-3 per acre). Pelleted baits may also be placed under a shingle or a piece of tar paper or similar materials. The purpose of bait stations is to protect the bait from the environment and to prevent non-target animals from eating the bait.

Any of the above control measures alone will have some effect on protecting trees from damage. However, used together they provide excellent control potential. Just because rodent populations are low or controlled one year does not mean that control in subsequent years is not required. Managing vole populations is not difficult, but it will require some attention.

Teryl Roper, UW-Madison Extension Fruit Crop Specialist

Much of the material for this article was extracted from "Vole Management in Fruit Orchards", by M.E. Tobin and M.E. Richmond, Biological Report 5, U.S. Fish and Wildlife service, March 1993.



INFOSOURCE...If you have a question and are looking for a quick answer, try visiting UW-Extension InfoSource. Just log on to <http://infosource.uwex.edu/> where there is a searchable database of over 600 online messages that are freely available to the people of Wisconsin.

Did you know that many of the UW-Extension publications are now available online and many can be printed as well. Visit <http://learningstore.uwex.edu/> to find publications on gardening, food preservation and many other topics.

One more site...All of the Garden Fact Sheets are available at <http://www.uwex.edu/ces/wihort/GardenFacts.html>. Most of these fact sheets are one or two pages, with a photo and information on the topic of interest. All are listed in alphabetical order.

**INDIVIDUAL WI MASTER GARDENER
VOLUNTEER & CONTINUING EDUCATION
YEARLY RECORD SHEET**

Use the other side of this form to record your Master Gardener volunteer activities and C.E. hours. *Keep a copy for your files*, then turn in hours to the record keeper listed.

- Intern MGs** – record volunteer hours for initial certification. Additional Continuing Education hours are **NOT** required the first year (but you can record them anyway). A minimum of 24 hours of volunteer service are required.
- MGs recertifying** – record both volunteer and continuing education hours. A minimum of 24 hours of volunteer service and 10 hours of continuing education are required annually.
- Certified MGs taking additional training courses** – record both volunteer and continuing education hours. To determine the number of volunteer hours required, check with the Extension Agent sponsoring your class. These same hours can be used to complete the annual recertification requirement of 24 volunteer and 10 CE hours.
- MGs inactive for 5 or more years** – record volunteer and continuing education hours. A minimum of 24 hours of volunteer service and 20 hours CE are required. Recertification for the next year returns to 10 hours CE.
- Out-of-State MG seeking WI certification** – contact your local Extension agent or the MG Program Office for guidelines.

All volunteer projects and C.E. should be for UW-Extension sponsored programs or projects or community or civic group projects or programs, and should be approved by the local sponsoring UW-Extension Agent. **Travel time** based on the time a MG leaves home until returning home, minus personal errands, and **preparation and research time** on projects or programs can be included in volunteer service hours. (Travel time to CE programs **cannot be counted**.)

Record volunteer hours by the following categories:

Youth Education (Youth Ed) – volunteer hours dedicated to youth education

i.e. 4-H projects & activities, county fair, youth clubs & organizations, school classroom presentations, etc.

Community Education (Comm. Ed) – volunteer hours dedicated to adult/community education

i.e. recycling, water quality & environmental displays & presentations, Farmer’s Market, Gardenline, trips or tours for the public, group presentations, writing articles for newspapers, newsletters or websites, etc.

Support Services – volunteer hours dedicated to service projects

i.e. community beautification, water quality and environmental projects, community committees, and research projects. Also coordinating MG activities, newsletters, or UW-Ext. office projects, meetings by officers, committees and board members of local MG associations and the WIMGA and local MG meetings, but only for portions of meetings dedicated to planning or working on Extension approved programs or projects.

Continuing Education (CE) – education hours from attending programs offered by:

- UW-Extension.....

Brown Bag MG Monthly programs	Satellite programs	Research Station Field days
Weekly summer Hort Update programs	Materials from UW-Media Collection	International MG Conference
Advanced Hort programs	WIMGA Annual Conference	Other Ext. programs
Public Radio Show hosting Ext. Specialists	Tri-State MG Conference	Other states’ Ext. programs
- Groups or businesses that focus on horticulture topics or leadership skill development, such as

Master Gardeners	Tech Schools	Guided Garden Tours
Garden Centers	Universities or Colleges	WI Gardener on Public TV
Botanical Gardens	Trade Shows	WI DNR or other state agencies

NOTE: While gardening books, unapproved television programs, the Internet and self guided garden tours are encouraged, they **DO NOT QUALIFY** for Continuing Education recertification hours. The quality of this information is variable and difficult to evaluate. The WI Gardener and other selected TV programs approved by the local sponsoring UW-Extension Agent **DO** qualify.

Under the Wisconsin Public Records Law, UW-Extension ordinarily must release lists in its custody to the public upon request. Your name, address, telephone number or email address may be included on such a list unless you request confidentiality in writing. The UW-Extension will, to the extent possible under the Wisconsin Public Records Law, withhold client names from lists when requested. **If you want your name, address, phone and email withheld from lists that are released upon request, please sign and date the following statement (this must be submitted annually):**

I do not want the University of Wisconsin-Extension to reveal my name, address, or telephone number to the public as part of a record or list.

Signed _____

Date _____

MASTER GARDENERS OF MANITOWOC COUNTY

MONTHLY MEETING

DATE August 27, 2007
TIME: 6:00 p.m.
PLACE: Woodland Dunes
ATTENDANCE: 21

EDUCATION: Garden Tour, Butterfly Presentation by Pat Wiegert – 1 hr.

Following a tour of the Woodland Dunes garden tour, President Judy Yanda called our August meeting to order. The minutes were read and approved and the treasurer reported a balance of \$7212.61.

OLD BUSINESS

- 1) It was clarified that although only 3 or 4 Master Gardeners supported the Garden Walk by touring the gardens that day, there were approximately 16 who were involved in working for the walk.
- 2) Education and volunteer work hour sheets are to be turned in to Dorothy Bugs by October 1.

NEW BUSINESS

- 1) Raffle tickets for the Annual State Conference are available from Dorothy.
- 2) The 2008 Garden Journal is available to order for \$13.95 through Dorothy. Order prior to October 6th to avoid shipping.
- 3) Manitowoc County Master Gardeners may consider helping a neighboring city host a future annual conference.
- 4) A specialized class on trees and shrubs will begin on September 25th at a cost of \$105. This is only available to those who have already taken the basic Master Gardener course.
- 5) Gladwyn informed us that Japanese hedge parsley has become a very invasive weed and is very evident at Cherney Maribel Caves. Gladwyn will be at the caves at 1:00 p.m. on Saturday and would appreciate help removing this weed.

There will be a business meeting for planning activities for 2008 at the Manitowoc County Office Complex on September 17 at 6:00 p.m. The September 24th monthly meeting will be held at the home of Sandra Stock also starting at 6 p.m. The meeting was adjourned at 7:25. Marilyn Starzewski won the door prize.

Respectfully submitted,

Judy Tisler
Secretary

MASTER GARDENERS OF MANITOWOC COUNTY

BUSINESS MEETING

DATE September 17, 2007
TIME: 6:00 p.m.
PLACE: Manitowoc County Office Complex
ATTENDANCE: Carrie Bratz, Dorothy Bugs, Rosie Bugs, Gladwyn Doughman,
Doris Magyar, Joyce Sheahan, Judy Tisler, Judy Yanda

Plans and suggestions were discussed for our monthly meetings for the following year. The tentative schedule is as follows:

October 22, 2007	Mary McLean – Pruning
November 26, 2007	Sandy Livermore – Storybook Gardens
December 10, 2007	Pat Hollen – Christmas Party
January (Date Undetermined)	Carrie Bratz, Chairperson - Annual Dinner
February 25, 2008	Sue Crowley – Forester
March 17, 2008	Hartman’s Towne & Country Greenhouse
April 28, 2008	Silver Lake Country Store
May 19, 2008	Woodland Dunes – Powerpoint on Invasive Weeds & Plant Exchange
June 23, 2008	Garden Tour at Don Cisler’s Home
July 28, 2008	Garden Tour at Aurora Medical Center
August 25, 2008	Garden Tour at Chris Boeder’s Home
September 22, 2008	Dawn Fruzen – “Putting Your Garden to Bed”
October 27, 2008	Pam Backus – Bulb Forcing
November 24, 2008	Annette Kittleson – Flavored Vinegars
December 15, 2008	Christmas Party (need volunteer to host)

All programs should be confirmed prior to the September 24th meeting.

The Spring Seminar, with a possible date of March 15th, was also discussed. Speakers are yet to be determined and may include two of the following: Bob Tomesh, Ken Harr, Leo Bordaleau of Rose Hill Nursery, and Don Hendricks of GBBG.

Another item of discussion was the \$500 donation from the family of Leo Kahl. Specific uses for this donation will be discussed at a future date but suggestions were made to use some of the money to purchase additional books for the plant clinic library and future educational purposes. The family has suggested the money be used for staff educational opportunities, staff resources, or additional resident resource information.

The business meeting was adjourned at 6:55.

Respectfully submitted,

Judy Tisler, Secretary

MASTER GARDENERS OF MANITOWOC COUNTY

MONTHLY MEETING

DATE September 24, 2008
TIME: 6:00 p.m.
PLACE: Home of Sandy Stock
ATTENDANCE: 19
EDUCATION: Tour of Sandy's Gardens & Plant Exchange -- 1 hr.

Following the garden tour, plant exchange and potluck meal, President Judy Yanda called the September meeting to order. The August minutes were approved as read as well as the minutes of the September business meeting, and the treasurer reported a balance of \$7434.06.

OLD BUSINESS

- 1) Some of the programs for the upcoming meetings have been confirmed as follows: Dawn confirmed 11/26/07 speaker Sandy Livermore; Judy Tisler confirmed 12/10/07 Christmas Party at Pat Hollen's, 7/28/07 at Aurora Medical Center Gardens, and 8/25/08 at Chris Boeder's; Judy Yanda confirmed 3/17/08 at Andercraft Woods; Gladwyn confirmed 5/19/08 at Woodland Dunes w/PowerPoint. Remainder of the programs has yet to be confirmed.
- 2) Dorothy Bugs informed us that our volunteer and education hours must be turned in to her by October 1st. She also stated that it is imperative that we complete the survey form that the county has emailed us. This also is available at the Extension office.
- 3) There were a few Master Gardeners who helped Gladwyn with removing the Japanese hedge parsley on September 1st at Maribel Caves. More work is needed there.
- 4) Registrations for the October 6th Fall Seminar continue.

NEW BUSINESS

- 1) Rosie Bugs stated that the Manitowoc Zoo butterfly gardens will be sprayed this fall and will be replanted next spring. She hopes to have more volunteer help.
- 2) Carrie Bratz will be checking into prices for shirts with the Master Gardener logo and will advise us at the October meeting.

The next meeting is scheduled for October 22 at 6:30 p.m. at the Manitowoc County Office Complex. Mary McLean will present a program on pruning. The meeting was adjourned at 8:15.

Respectfully submitted,

Judy Tisler
Secretary

Manitowoc County Master Gardeners
Manitowoc County UW-Extension
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Manitowoc, WI 54220



Gardening Related Phobias

People have more fears than you can, well shake a Zucchini at. There is a fear for just about everything. And, if a new, undocumented fear arises, Psychologists are more than willing to invent a new name for it. Listed below are gardening related phobias that we have found so far. We hope that none of them fit you!

- ✿ Alliumphobia- the fear of garlic
- ✿ Anthophobia- the fear of flowers
- ✿ Apiphobia- the fear of bees
- ✿ Arachnophobia- is the fear of spiders
- ✿ Ceraunophobia- is the fear of thunder
- ✿ Dendrophobia:- the fear of trees
- ✿ Entomophobia- the fear of insects
- ✿ Hydrophobia- the fear of water
- ✿ Insectophobia- the fear of insects. There are so many bugs out there, that they get two names (also see Entomophobia)
- ✿ Lachanophobia- the fear of vegetables
- ✿ Mycophobia- is the fear of mushrooms. Many mushrooms are poisonous. Perhaps this fear has some merit!?!
- ✿ Ombrophobia- is the fear of rain
- ✿ Pagophobia- the fear of ice or frost. Gardeners are justified in having this one.
- ✿ Panthophobia- is the fear of disease. Not limited to plant disease.
- ✿ Parasitophobia- the fear of parasites
- ✿ Rupophobia- is the fear of dirt
- ✿ Scoleciphobia- the fear of worms
- ✿ Seplophobia- the fear of decaying matter - Watch out for that compost pile!

Source: <http://gardenersnet.com/fun/phobias.htm>