JOIN US...
Saturday, March 19, 2016
8:00 am - 3:30 pm
(Registration opens 8:00 am)
North Branch High School (Door #1)
38175 Grand Ave, North Branch, MN

Time to start thinking spring!
What to look forward to...
Great vendors, interesting and informative keynote speaker, awesome breakout sessions (almost too hard to choose from!) and a great chance to think spring!

Marketplace Vendors
• Come and visit with the Master Gardeners—get all your questions answered!
• View great informational displays
• Order bare root trees, fruits and veggies, and native plants
• Purchase local honey, Wool products (including wool mulch!) and Emu oils and yarns
• See what local nurseries are offering for 2016
• Indoor plants, Air Plants, Fairy Gardens and Terrariums
• Specialized Handmade Unique Birdhouses
• Gardening supplies and birding supplies
• Learn how to dispose of any household hazardous waste
• Yard and Garden signs, decorations, totes, shirts, bird baths and plant markers

VISIT ALL OF THE BOOTHS FOR GREAT PRODUCTS!

Session A ~ 9:00-10:10 am

1A) Herbal Tea Garden
Julie Bjorklund & Sue Witte, CCMG’s
25 max in class, $3 fee*
Tea time from Your Garden. There is more to making a good cup of tea than just boiling water. Learn how to grow and harvest herbs from your own garden to make personalized teas. Join us and sample some of the most popular herbs for tea and begin planning your own tea garden for spring planting. *There is a $3.00 material fee for this class, and a take home sample!

2A) Seed Starting
Dianne Patras, Dave Smith & Richard Hanson, CCMG’s
Learn how to start your own vegetable and flower plants at home. Save money and give yourself a larger selection of plants, as well as developing a sense of self satisfaction. You will be shown what equipment and supplies you will need to succeed.

3A) Rock Gardens
Rick Rodich, North American Rock Garden Society
Rick will lead us through planning, soil amendments, planting and care of creating your very own rock garden. He will also cover the types of plants that you can use to make your rock garden thrive!

4A) An Introduction to Backyard Beekeeping
Warren Schave, Sunrise Apiary
Join Warren as he exposes you to how a hobby beekeeper manages the bees throughout the year for the production of honey. He will explain what he does each month through the year, show hive components, beekeeping equipment, and tools used so you can see what they look like. And he will talk about the benefits and importance of bees, the different duties of the bees, what they live in (the hive), and interesting "bee facts". Warren will also cover a little bit about extracting honey, while trying to leave enough time at the end for some questions.

5A) Common Tree Diseases & Disorders
Donna Tatting, CCMG
This class will cover some of the more common tree pest and disease problems that you may have in your landscape and not even know it. Topics covered will include Emerald Ash Borer, Oak wilt and Pine Bark Beetle. We’ll also give information about who to call when you need a tree problem diagnosed.

Keynote: Pete Boulay
10:30-12:00

Gardening through a Changing Environment
Peter Boulay, Assistant State Climatologist, MNDNR State Climatology Office
Pete will discuss how local and Global Climate Change may produce winners and losers for gardeners. Extended seasons for gardening will open up opportunities but also pose challenges. This discussion will review weather from the past, analyze the present, and offer a glimpse at what the future may bring. He will also present some new tools for monitoring the weather.

Pete's fascination with weather began by keeping a daily weather log at only nine. His interest in meteorology continued into college and he graduated with a degree in Meteorology from St. Cloud State University. In college he provided radio and TV forecasts for Weather Eye Inc. After college he provided forecasts around the world including obscure places like Easter Island. He joined MNDNR State Climatology Office as an Assistant State Climatologist in 1998. He is an operational climatologist and typically handles most of the data requests that arrive at the office. He still keeps a daily log of the weather.
4B) Aquaponics
Jacquelyn Zita, 2016 CCMG Intern
Aquaponic farming is a method that grows fish and greens together in a closed eco-system that can be built indoors in a basement or in an outdoor passive solar/heated shelter. This workshop will share the biological dynamics and structure of a simple aquaponic tank and growing shelf. Discussion will cover the challenges of growing yellow perch fish and fresh organic greens in a hoop house during a Minnesota winter.

5B) Vertical Gardening
Julie Bjorklund, CCMG
It’s up, up and away with vertical gardening! Are you short of horizontal space? Want to cover up a blank fence or ugly wall? Here’s an alternative to traditional plot gardening for your vegetables and flowers. Vertical gardening is “on the rise”! It’s a trendy topic now found in churches, schools, businesses, and local homesteads. Come learn how to grow upward, using less ground space, and increasing your per square foot yield.

4C) Build a Wood Bee House
Tom Dickhudt, CCMG
*15 max in class—hands on
The "build a simple native bee house" class will focus on a very unique group of important pollinators - solitary bees that nest in old plant stems. These bees do not form hives and do not sting. Most people are unaware of their presence. The class will help participants build nesting structures from readily available natural materials. These structures will add to needed habitat and will help people become more familiar with these special creatures.

5C) Solving Landscaping Problems: Three Case Studies
Julie Weisenhorn, UMN
We all share common landscape problems - and like to see how they can be resolved. Join University of Minnesota Extension educator Julie Weisenhorn as she shows us three case studies (including her own!) where landscapes were less than perfect and how success was achieved.

Session C, 2:20-3:30 pm

1C) Fairy Gardens
*20 Max in class & $8 material fee.
Bonnie Haslach, Waynes Greenhouse
In this class you will learn what plants work best for fairy gardening, from succulents to mini foliage plants and what plant selections grow well together. We will also give you new and creative ideas on building fairy gardens, how to take care of them, what problems you may come across and how to landscape and decorate them. There will be an $8 material fee for a mini fairy garden you will create during the last portion of the class!

2C) Growing Sweet Potatoes
Dianne Patras, CCMG
Find out how you can be successful at raising your own crop of sweet potatoes in your garden. You will learn how to start your own sweet potato slips. We will look at basic growing methods, common diseases and pests, and some common sense ways of preventing problems, as well as harvesting at the end of the season.

3C) Growing Hardy Roses in MN
Dianna Rankin, Kanabec MG
Have you given up on roses in your garden because of the special care and back-breaking labor required to get them through our northern winters? Thanks to plant propagators at the U of MN, U of WI, in Canada, and at our own Bailey Nurseries, northern gardeners are discovering the possibilities of using hardy landscape roses in their gardens. In this session, you will learn why these roses are so easy to care for and how to care for them from spring through fall. You’ll also learn about some very reliable, disease resistant varieties, including some that are new in garden centers.

2B) Morel Mushroom Mania
Ron Spinosa, MN Mycological Society
The Fabulous Morel Mushroom will be appearing in Minnesota in May! Come and learn how to: Stalk the elusive Morel Mushroom, Distinguish between True Morels and poisonous False Morels, Interesting lore surrounding the Morel mushroom, Methods of preserving and cooking Morels, and other edible mushrooms that you might encounter in the Spring.

3B) Composting 101
Mark Stuart, CCMG
Gardeners Gold! Compost provides organic matter and nutrients to the garden. But most gardeners are put off by the thought of making their own. We will cover the composting process, from gathering materials, to building a bin, finishing off and using your compost. The class is designed to take the anxiety out of the composting process and get you using compost right away. So—let’s get you started!
# SCHEDULE FOR THE DAY

<table>
<thead>
<tr>
<th>Time</th>
<th>Session A</th>
<th>Session B</th>
<th>Session C</th>
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<tbody>
<tr>
<td>9:00-10:10</td>
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<td><strong>Grafting</strong> ($10)**</td>
<td><strong>Fairy Gardens</strong> ($8)**</td>
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### LUNCH BREAK ~ ITEMS FOR SALE IN MARKETPLACE

- **Ham Croissant** $3
- **Turkey Croissant** $3
- **Vegetarian Option** $3

### SPRING GARDEN EXPO REGISTRATION

**Early rate: $10 per person! After March 4, 2016, cost is $15, walk in registrations the day of the event $15.**

Class sizes are limited, classes are filled as registrations are received.

#### Pre-order a lunch for only $6.00 each

*Limited concessions on site, coffee, water, soda, rolls & sandwiches*

- Lunch includes beverage, cookie, fruit & chips

**Lunches must be pre-ordered by March 4**

$6.00 each, indicate quantity and circle your bread choice

- #1 Ham Croissant  
- #2 Turkey Croissant
- #Vegetarian Option

**#1 Registration** $10

**#2 Registration** $10

Lunch Fee(s) from above

Materials Fee(s) if appl.

**TOTAL ENCLOSED:**

### BRING A FRIEND!

#### #2 Name:

email:

Address:

City/Zip  

Phone:

#### Session A  

<table>
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# Early Registrations Close on March 4.

Late Registration/Walk in fee is $15 per person. (Sorry, no refunds if canceled after March 4.) Registrants will be contacted and refunds mailed for material fees on classes if classes fill.

E-Mail Questions to: humb0025@umn.edu

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### Session A

- **Herbal Tea Garden** ($3)

### Session B

- **Grafting** ($10)

### Session C

- **Fairy Gardens** ($8)

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### Session A

- **Herbal Tea Garden** ($3)

### Session B

- **Grafting** ($10)

### Session C

- **Fairy Gardens** ($8)

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- **Herbal Tea Garden** ($3)

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- **Fairy Gardens** ($8)

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### Session A

- **Herbal Tea Garden** ($3)

### Session B

- **Grafting** ($10)

### Session C

- **Fairy Gardens** ($8)