



Everything Edible: Roots to Fork Registration Info

- 3rd Annual -

Lewis & Clark County

Master Gardener Celebration

Saturday, March 4, 2017

Lewis & Clark County Fairgrounds
Exhibit Building and Entry Hall
98 W. Custer Avenue
Helena, Montana

Tentative Agenda:

- 9:00 am - 5:00 pm - Vendor trade show
- 10:00 am - 11:00 am - *First breakout session - 1A, 1B, 1C, 1D
- 11:15 am - 12:15 pm - *Second breakout session - 2A, 2B, 2C, 2D
- 12:30 pm - 1:45 pm - Lunch (**provided) and Master Gardener Recognition and Awards
- 1:45 pm - 2:45 pm - *Third breakout session - 3A, 3B, 3C, 3D
- 3:00 pm - 4:00 pm - *Fourth breakout session - 4A, 4B, 4C, 4D
- 4:15 pm - 5:00 pm - Tongue River Winery Presents: Making Wine from Montana-Grown Fruit
- 5:00 pm - 6:00 pm - Tongue River Winery and Lewis & Clark County Master Gardener Social

*There are four presentations scheduled for each breakout session. A description of each presentation follows on the next page. Please choose two preferences from each session and rank your first (1st) and second (2nd) choice for that session. Every attempt will be made to accommodate each participant's 1st choice.

**Lunch is provided as part of the registration fee, and there will be gluten free, dairy free, diabetic, vegetarian and vegan options. There will also be light continental breakfast-type snacks available in the AM, and cookies in the PM, along with complimentary refreshments available all day.

Hotel Accommodations: Comfort Suites, 3180 N. Washington St., Helena, Montana, phone (406) 495-0505.

This is legislative season so make your reservations early. The hotel provides a shuttle to/from the Fairgrounds, rooms are at state rate (\$95, single/double occupancy), there is continental breakfast, and vehicle plug-ins. Lewis & Clark County Fairgrounds is located 2.5 miles due west on Custer Avenue. Room block **expires Feb. 16, 2017**, reference: **Master Gardeners**. Registrants are responsible for their own accommodations.

	Registration up to, incl. 2/11/17	Late Registration up to, incl. 2/28/17
Full Open Registration (Public Registrations Welcome)	\$50.00	\$60.00
Gold Country MG Assn Member	\$40.00	\$50.00
Vendor (inc. 8' table in vendor area and one full registration)	\$75.00	\$85.00
Vendor staff (additional full registrations)	\$40.00	\$50.00

Make check payable to:

Lewis & Clark County
Extension Fund

Mail to:

Gold Country MT
Master Gardeners Assn
100 W. Custer Avenue
Helena, MT 59602

Full payment must accompany registration. No refunds will be given after Feb. 28, 2017. For questions, call or text Rhonda at (406) 431-0807, Cheryl at (707) 416-9066, email helenamastergardeners@gmail.com, or find us on Facebook: Gold Country Montana Master Gardeners.

No.	Title	Description of Presentation	Speakers
1A	The Buzz about Pollinator Pathogens	Pathogens represent one among many threats affecting pollinator health. This presentation reviews the current understanding of factors affecting pollinator distributions and their impact on pollinator populations.	William Glenny, BS
1B	Soil Fertility Management for Small Gardens	Refresh your memory on soil test interpretation, participate in discussion on the facts that affect nitrogen cycling in soils, develop a nutrient management plan based on removal of nutrients from your garden, and visualize appropriate quantities of mineral fertilizers and organic amendments to meet your plant's needs and maintain healthy soil.	Mac Burgess, PhD, Asst. Professor Plant Sciences and Plant Pathology
1C	Never Quit a Winner	A nurseryman's perspective on cold hardy fruit varieties, with an emphasis on "antique" cultivars. Follow a grown in Montana fruit tree from seed and rootstock selection to fruit development and maturity. Highlights include rarely seen images of chip budding, whip and tongue grafts techniques. Bring a sense of humor and enjoy a second look at the time-tested antique fruits planted by our ancestors.	Roger Joy, Owner/Operator of Canyon View Nursery
1D	Insect Visitors in 2016 and Plant Disease 2016 - Facts and Trends	Discuss most common insects and arachnids found in the home and garden this year, potential invasive insects that threaten Montana; focus on top plant diseases reported in the 2016 season, and will highlight the occurrence of frequent pathogens and integrated pest management (IPM).	Laurie Kerzicnik, PhD, Anthropol Diagnostician Eva Grimme, PhD, Plant Disease Diagnostician
2A	Season Extension for Small Gardens	Various materials can be used to protect plants from cold weather, desiccating wind, and even some insect pests and hail. Hot Caps, Walls-O-Water, row cover, low tunnels, and high tunnels. Each offers a unique take on the tradeoff of light for heat and other benefits. Share for experiences and hear about MSU's Season Extension Research Program.	Mac Burgess, PhD, Asst. Professor of Plant Sciences / Plant Pathology
2B	Integrating Pasture Poultry into Organic Vegetable Rotations	Maintaining soil fertility can be one of the more challenging and expensive parts of organic vegetable production, discuss recent research at the MSU-Western Ag. Research Center aimed at addressing this issue by raising poultry on cover crops in rotation with vegetable production.	Zach Miller, PhD, Supt. MSU-Western Ag Research Center
2C	Designing the Edible Landscape for Small Sites	Edible landscaping is the practical integration of food plants within an ornamental or decorative setting. This lecture explores how beauty and bounty can thrive together in a multifunctional edible landscape to regenerate human health and well-being.	Jennifer Britton, MLA Associate Professor Rebekah VanWieren, MLA, Assistant Professor
2D	Early Season Smarts for Vegetable Gardening	What are some of the best Montana vegetable varieties for seed orders? How can we get growing sooner to make our growing season longer?	Cheryl Moore-Gough, M.S.
3A	Growing Exotic Medicinal Plants in Montana	View herbs and vines from around the world that grow in Montana, along with native wildflowers that grow easily from seed. We'll learn how to make herbal syrup. From hummingbird mint, to five-flavor berry, to Baptisia and Chinese skullcap, explore new plants you never thought to include in your garden.	Robyn Klein, MS Medical Botanist
3B	Montana-Grown Superfoods - Part 1	The airwaves and grocery shelves are filled with claims concerning the health benefits of antioxidant-rich foods. Dr. Miller will delve into the science behind these claims and options for growing these types of fruit in Montana.	Zach Miller, PhD, Supt. MSU-Western Ag Research Center
3C	Drip Irrigation for Small Gardens	How deep are your plant's roots? How much water do they need? How much water can you soil hold? How often and how much should you water? Find answers to these questions, play with assorted tape and emitter based drip irrigation components, learn how to regulate pressure and calculate flow rates.	Mac Burgess, PhD, Asst. Professor of Plant Sciences / Plant Pathology
3D	Montana Seed Potatoes for the Home Gardener	Discuss Montana's seed potato industry, and the importance of using certified seed potatoes in home gardens, including identification and management options for common pests in potato production, and a cooking demonstration showcasing preparation techniques of unique varieties.	Nina Zidack, PhD, Dir., MT Seed Potato Certification Margaret, Benny's Bistro
4A	Supporting Native Bees and Pollination Services	Discuss the importance of pollinators, types of common bees, current challenges for pollinators, and what you can do to help pollinators.	Casey Delphia, PhD Laura Burkle, PhD
4B	Montana-Grown Superfoods - Part 2	With growing interest in antioxidant-rich fruits, there may be opportunities to expand production of these fruits in Montana. Recent MSU research is aimed at identifying fruit types and cultivars best suited to our soils and climate. Preliminary findings will be presented, along with factors to consider when planting an orchard.	Zach Miller, PhD, Supt. Western Ag Research Ctr., and Durc Setzer
4C	Saving Seeds from Your Vegetable Garden	How do you plant for seed saving? How do you choose which seeds to save? Must a vegetable be an heirloom variety? What about hybrids?	Cheryl Moore-Gough, M.S.
4D	Brassica-Mania	Learn nutritional benefits and growing strategies for vegetables from the Brassicaceae family that thrive in Big Sky Country! You'll also be treated to a cooking demonstration and tasting featuring healthy and flavorful preparation techniques you've never thought of!	Kimberly Lloyd, MS Nina Heinzinger, PhD Margaret, Benny's Bistro

Registration Form

Participant Name (as it will appear on name tag):	
Mailing Address:	
Email:	Phone:
Montana Master Gardener: <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, what County:	
Gold Country Montana Master Gardener Association Member: <input type="checkbox"/> Yes <input type="checkbox"/> No	

PLEASE SELECT the presentations you wish to attend here by marking your **1st and 2nd** choice for **EACH** session below.

Breakout Session 1: 10:00 am - 11:00 am	Breakout Session 3: 1:45 pm - 2:45 pm
<p>___ 1A The Buzz about Pollinator Pathogens</p> <p>___ 1B Soil Fertility Management for the Home Garden</p> <p>___ 1C Never Quit a Winner</p> <p>___ 1D Insect Visitors in 2016 and Plant Disease 2016 - Facts and Trends</p>	<p>___ 3A Growing Exotic Medicinal Plants in Montana</p> <p>___ 3B Montana-Grown Superfoods - Part 1</p> <p>___ 3C Drip Irrigation for Small Gardens</p> <p>___ 3D Montana Seed Potatoes for the Home Gardener</p>
Breakout Session 2: 11:15 am - 12:15 pm	Breakout Session 4: 3:00 pm - 4:00 pm
<p>___ 2A Season Extension for Small Gardens</p> <p>___ 2B Integrating Pasture Poultry into Organic Vegetable Rotations</p> <p>___ 2C Designing the Edible Landscape for Small Sites</p> <p>___ 2D Early Season Smarts for Vegetable Gardening</p>	<p>___ 4A Supporting Native Bees and Pollination Services</p> <p>___ 4B Montana-Grown Superfoods - Part 2</p> <p>___ 4C Saving Seeds from Your Vegetable Garden</p> <p>___ 4D Brassica-mania</p>

- Yes**, count me in for the presentation on **“Making Wine from Montana-Grown Fruit”**
- Yes**, count me in for the **Tongue River Winery / Lewis & Clark County Extension MG Social**

For office use:

Date Rec'd _____

Amt Paid _____

RETURN THIS FORM WITH YOUR PAYMENT AND:

Make check payable to:
Lewis and Clark County Extension Fund

Mail to:
 Gold Country Montana Master Gardeners Association
 100 W. Custer Avenue, Helena MT 59602