

Time	Friday Sessions in UU Union/University Building on 3rd & 4th Floors unless otherwise specified		
1:00 - 4:00	<b>ADVANCED TRAINING</b> <b>Entomology</b> Scott Schell UW Extension	<b>ADVANCED TRAINING</b> <b>Soils</b> Caitlin Price Youngquist UW Extension	<b>ADVANCED TRAINING</b> <b>Vegetables</b> Catherine Wissner UW Extension
4:00-5:00			<i>Vegetables Continued</i>

### ADVANCED MASTER GARDENER PRESENTATIONS

**Entomology “Insects, the Good, the Bad, and the Ugly” – Scott Schell** Learn about new methods and resources for identifying the insects you may encounter in your garden, yard, and natural areas. Identification to determine if an unknown insect is a friend or foe to your garden is the critical first step to implement integrated pest management successfully.

**Vegetables – Catherine Wissner** First part: in-depth discussion on vegetables; what their individual fertilizer requirements are, watering, timers, soil requirements, growing season, reading a seed packet, and making your own fertilizer. Second part: hands-on dealing with ground covers and putting a drip irrigation system together.

**Soils “Healthy Garden Soils” – Caitlin Price Youngquist** To create healthy garden soil in Wyoming, we must learn how to manage by using organic matter and reducing tillage.

### BIOGRAPHIES – KEYNOTE SPEAKERS, PRESENTERS, AND ADVANCED TRAINERS

**Tate Belden** A member of the Natrona County Bee Keepers, Tate started raising bees in high school, has continued for over 30 years, and now hosts new-keeper classes for budding bee keepers.

**Christine Bell** A Laramie, Wyoming native who is wild about wild bees, Christy is currently pursuing her PhD at the University of Wyoming studying bumble bees across the state.

**Mike Bone** Curator of Steppe Collections at the Denver Botanic Gardens, Mike is involved in many aspects of the Plant Select program. Focusing on propagation and production since 2002, Mike has a passion for cultivating plants from, and appropriate for, the steppes of North America, traveling and studying the flora of North America and Central Asia.

**Chris Hilgert** A University of Wyoming Extension Master Gardener Statewide Coordinator based in Laramie, Chris is conducting research on both strawberries and apples for Wyoming growers.

**Donna Hoffman** The University of Wyoming Assistant Extension Educator for Horticulture and Master Gardener Coordinator in Natrona County, Donna has a degree in Plant Science with a minor in Botany and coaches local 4-H judging teams.

**Judy Jacquot** The owner of Garden Creek Dyer in Casper, Wyoming, Judy hand-applies to wool, color dyes that she grows in her dyers garden.

**Jeff Lockwood** Jeff is a Professor of Natural Sciences and Humanities at the University of Wyoming.

**Steve Maxfield** The owner of Green Tower Farm in Natrona County, Steve grows hydroponically. He is a graduate of Veterans to Farmers, a member of Home Grown by Hero's, and is a culinary school trained Chef.

**Mike Olson** Michael Olson received associates degrees in Fine Arts and Commercial Arts from Casper College. He did his B.F.A. work at the University of North Dakota in Ceramics. Michael finished his M.F.A.

in Ceramics in 2003 at Wichita State University in Kansas. He has been the full time Ceramics Instructor at Casper College since 2005 and he and his family own Dusty Road Studio.

**Abby Perry** Based in Carbon County, Abby Perry is a University of Wyoming Extension Educator who also has horticulture and youth responsibilities. Despite the challenges of gardening in Wyoming tending her many perennial beds is one of Abby's favorite past times.

**Scott Schell** Since 2003 Scott has been a University of Wyoming's extension entomology specialist. For nine years prior to that he worked with Professor Jeff Lockwood as a research associate, helping to develop economical and less environmentally harmful methods for rangeland grasshopper management.

**William Stump** Receiving training from Purdue University, the University of Wyoming, and Colorado State University, Dr. Stump has been with the University of Wyoming's department of Plant Sciences since 1995 and as the Extension specialist in Plant Pathology since 2014. A major component of his extension duties include the University of Wyoming plant diagnostic clinic.

**Jennifer Thompson** Jenny is the University of Wyoming's Extension Small Acreage Outreach Coordinator. Her interest in the beautiful but tough plants of the Rocky Mountain region has led to over a decade of experimentation with their use in low-input, regionally appropriate landscapes.

**Catherine Wissner** A University Extension Horticulturalist based in Laramie County, Catherine has grown vegetables since she was twelve. Growing vegetables for years on a small scale commercial level for the farmers market, she has also grown in high tunnels, and figured out how to get tomatoes by the 4th of July!

**Caitlin Youngquist** Caitlin is a University of Wyoming Extension Educator based in Washaki County that specializes in soil and compost management.



## GARDENING ROOTS US TOGETHER

### 2020 STATE & REGIONAL MASTER GARDENER CONFERENCE

### Celebrating the 50th Anniversary of Earth Day CASPER, WYOMING

**APRIL 17 (Advanced Master Gardener Training Only)**

**APRIL 18 (Educational Workshops Open to the Public)**

*presented by*

**Natrona County Master Gardeners**

and

**Wyoming State Master Gardeners Association**



*Welcome to Casper!*

**DETAILED INFORMATION AND REGISTRATION LINK AT  
[www.NatronaCounty-WY.gov/WyomingMG2020](http://www.NatronaCounty-WY.gov/WyomingMG2020)**

**or call: (307) 235-9400**

Time	Saturday Sessions in UU Union/University Building on 3rd & 4th Floors unless otherwise specified				
8:15-9:45	Welcome Opening in Aley Hall <b>"Homework. Homegrown. Homemade: Harvesting Meaning from the Land"</b> Jeff Lockwood of University of Wyoming				
	<b>Edible Gardens</b>	<b>Enjoy What We Grow</b>	<b>Art from Nature</b>	<b>Pollinators</b>	<b>Diagnostics</b>
10:00-11:00	<b>Salad Green Production</b> Steve Maxfield Green Tower Farm	<b>Garden Plants for Fiber Dyeing</b> Judy Jacquot Garden Creek Dyeing	<b>Wildflower Seed Sculpture</b> Mike Olson CC Ceramics	<b>Beginning Beekeeping &amp; Supporting Urban Bees</b> Tate Belden Natrona County Bee Keepers	<b>Entomology</b> Scott Schell UW Extension
11:00 - 12:00	<b>Vegetables</b> Catherine Wissner Laramie County UW Extension	<b>Seeds: Plants Make 'Em, We Collect 'Em, Now What?</b>  Mike Bone Denver Botanic Garden	<b>Wildflower Seed Sculpture</b>  Mike Olson CC Ceramics	<b>ADVANCED TRAINING Native Bees and Pollinators Part 1</b> Christine Bell UW	<b>ADVANCED TRAINING Plant Pathology Part 1</b> Bill Stump UW Extension
12:00 - 1:00	Lunch at Casper College Cafeteria				
1:00 - 1:50	<b>Steppe Gardens in Aley Hall</b> Mike Bone of Denver Botanical Gardens				
2:00-3:00	<b>Apple Production</b> Chris Hilgert UW Extension	<b>Native Plants for Water-Wise Gardens</b> Jennifer Thompson UW Extension	<b>Wildflower Seed Sculpture</b> Mike Olson CC Ceramics	<b>ADVANCED TRAINING Native Bees and Pollinators Part 2</b> Christine Bell UW	<b>ADVANCED TRAINING Plant Pathology Part 2</b> Bill Stump UW Extension
3:00-4:00	<b>Strawberry Production</b> Chris Hilgert UW Extension	<b>Wildflowers to Keep Wild Places Wild</b> Abby Perry Carbon County UW Extension	<b>Flower Arranging for the Fair</b> Donna Hoffman UW Extension	<b>ADVANCED TRAINING Native Bees and Pollinators Part 3</b> Christine Bell UW	<b>ADVANCED TRAINING Plant Pathology Part 3</b> Bill Stump UW Extension
3:00-5:00	<b>Public Open House &amp; Tours:</b> <b>Art 321:</b> Earth Day Art Show "Wyoming Celebrates Earth Day" <b>Location:</b> 321 W Midwest Avenue <b>Food for Thought:</b> Program Overview, Facilities, Green House <b>Location:</b> 900 N St. Johns Street				
5:30 - 9:00	<b>Conference Banquet, Awards &amp; Entertainment</b> <b>Natrona County Agricultural Resource and Learning Center Location:</b> 2011 Fairgrounds Road				

## PUBLIC PRESENTATIONS

**Apple Production in Wyoming – Chris Hilgert** For four years, Chris has evaluated cold-hardy apple varieties suitable for production in Wyoming. Learn which apple varieties to plant and how to take care of them!

**Beginning Beekeeping – Tate Belden** Learn what to expect from becoming a beekeeper (especially in town) what to expect if your neighbor becomes a beekeeper and what you can do to help bees in town with your garden.

**Entomology “The Tiny Beneficial Insects in Your Garden” – Scott Schell** Learn more about the important but tiny insects that can have a positive impact controlling pests in your garden.

**Flower Arranging for the Fair – Donna Hoffman** Due to her experience in the floral industry, Donna enjoys the opportunity to arrange flowers with other gardeners and the thought of arranging flowers for the fair is exciting!

**Garden Plants for Fiber Dyeing – Judy Jacquot** A discussion of a variety of dye plants that thrive here and are shaped by high desert conditions. Learn whether to forage, or not forage, for native plants.

**Native Bees & Pollinators – Christine Bell** Learn about Wyoming’s vast native bee and pollinator diversity that you can see right in your backyard.

**Plant Pathology – William Stump** A brief overview of plant pathology and what it means to Wyoming gardeners and homeowners.

**Salad Green Production – Steve Maxfield** Learn about Hydroponics; how it works, the benefits of hydroponics, different systems pros and cons, what grows well in these systems, and what does not.

**Seeds: Plants Make 'Em, We Collect 'Em, Now What? – Mike Bone** The way plants move around the world hold promise for the future. Take a look at how to collect seed and what to do with them once you have them.

**Strawberry Production in Wyoming – Chris Hilgert** Chris will share results from his strawberry research and give you advice on selecting and growing strawberries in your backyard and in high tunnels.

**Vegetables – Catherine Wissner** Learn valuable tricks to growing vegetables successfully in Wyoming and the West.

**Wildflowers to Keep Wild Places Wild – Abby Perry** What makes wildflower seeds “wild”? Where to plant them, and how to know if it’s “them” emerging.

**Wildflower Seed Sculpture – Mike Olson** Create clay sculptures that can be used to easily distribute wildflower seeds.

**Wyoming Plants – Jennifer Thompson** Learn about the beautiful but tough plants of the Rocky Mountain region and how to plan your landscape and plant these.

## KEYNOTE PRESENTATIONS

### Homework, Homegrown, Homemade: Harvesting Meaning from the Land – Jeff Lockwood, University of Wyoming

In today’s world; without frugality, prudence, conservation, and thrift (those old-time virtues) the Earth is doomed. In this lecture, we’ll consider how the lessons of the homesteader, which are echoed in the wisdom of the home gardener, might provide vital meaning in the modern world.

### Steppe Gardens – Mike Bone, Denver Botanic Gardens

The steppes are home to many of the classic plants that have defined our gardens for years. Explore these regions with us and learn about steppe ecology, the garden, and many of the unique features designed to engage the visitors of the Denver Botanic Gardens.