



16th Annual Conference

December 6-8, 2018
Great Falls, Montana



Welcome to the MOA Conference!

The Montana Organic Association is pleased to have you join us for what promises to be an engaging, thought-provoking, and fun conference. We hope that the conference will provide you the opportunity to increase your knowledge, to inspire you, to support your efforts, and to connect you to the Montana organic community.

Thursday starts with Organic University, led by Jess Algers, Judy Owsowitz, and Margaret Scoles. Tours take place Thursday afternoon; this year hosted by **A Healthy Horizon** (Natural Health and Holistic Nutrition), **Wilcox Farms**, **Egg Processing**, and **Saibeen's Kitchen**. We hope that you are able to attend Thursday night's free screening of **"Dreaming of a Vetter World,"** a beautiful story about organic pioneer David Vetter and his family growing organic in the middle of Nebraska corn country. David Vetter, MOA's special guest, will be joined by a panel of Montana's organic pioneers to reflect on their life's work.

This year's keynote speaker, soil scientist **Dr. Jill Clapperton**, first presented at MOA's inaugural conference in 2002 and then again in 2007. We are very pleased to welcome her to MOA once again in 2018. She'll share what she sees when looking at healthy soil and teach you methods for improving and ensuring your soil's health Friday afternoon at 1 pm and Saturday morning at 11 am. **Michael Kilpatrick**, In the Field Consultants, LLC of Ohio is providing a 5-part small farm workshop on Friday. He'll cover all you need to know for setting up and running an organic farm.

You will find an array of presentations on weeds, seeds, orchards, livestock, grazing, policy, the Farm Bill, worker resources, grants and other funding tools, risk management, marketing, and so much more. Please assist **Renée Gebault King, PhD**, Montana 4-H Center for Youth Development at MSU, who will be seeking your input on developing a youth curriculum.

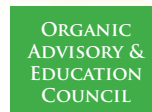
Chandee Bomgardner of Bomgardner Catering in Loma will once again cater food. She will be using some of Montana's finest organic foods. **Jim "Sarge" Sargent** will once again help MOA with its auction; get ready for some fun!

Be sure to visit the vendors and sponsors who support MOA and help bring the speakers, food, entertainment, and the venue to you. We cannot thank them enough for their support.

We encourage you to become involved with MOA and to get to know the community. We can always use help with committees; these include Farm Tour, Newsletter, Policy, and Conference. Please contact a board member for more information on how to get involved.

*~MOA 2018 Conference Committee:
Jamie Ryan Lockman (Chair), Jess Algers,
Nate Brown, Wes Henthorne, Gary Iverson,
Daryl Lassila, Cliff Merriman, Judy Owsowitz,
John Porterfield, and MonaRae Tuhy.*

A Special Thanks to MOA's 2018 Conference Sponsors



Session Highlights

"Dreaming of a Vetter World" Documentary

Thursday, December 6, 7:00 PM

Free and open to the public. Panel discussion follows - with David Vetter, Jim Barngrover, Neva Hassanein, Bob Quinn, and Margaret Scoles.

Journey to the American heartland in Bonnie Hawthorne's intimate documentary about a visionary Nebraska farm family who understood that modern agriculture was ailing, and found a cure. From farmer's son to soil scientist to missionary and back to farmer, organic pioneer David Vetter has dedicated his life to a "ministry to the soil." With camera and camper in tow, Hawthorne leaves her urban comforts in the rearview mirror to learn from the Vettters about what's really going on in the Corn Belt. As interest in regenerating soil explodes worldwide, Hawthorne discovers that David Vetter is way ahead of the game. With both historical context and an eye to the future, *Dreaming of a Vetter World* shows it's possible to jump off conventional agriculture's pesticide treadmill. It's also a story about love, hope and place; an inspiring example of perseverance and doing what you know is right-against all odds.

"Building the Foundation for Wellness,"

Keynote Addresses: Jill Clapperton, PhD, Principal Scientist, Rhizoterra Inc.

Part 1: Friday, 1:00– 1:50 PM

Soil is the foundation of agriculture, clean water, and purified hydrated air. The dynamic interactions between plant roots, soil, and all the organisms that live in the soil (Rhizosphere Dynamics) are what determine the basis for nutrient dense food, environmental quality, human and animal health, and general wellness. We'll review who lives in the soil and what they do, and how we can better manage the soil habitat. Clapperton will introduce the idea of creating functional plant communities from the root canopy to aboveground residues that build soil organic matter, water-holding capacity, disease resistance, and keep the soil insulated. Finally, there will be some ideas about how we can use rhizosphere interactions,

soil management, and cropping strategies to increase grow "Real Food" that keeps us and our animals healthy. Farmers, ranchers, growers, and landowners are the business partners or collaborators in facilitating the soil health revolution.

"Productive Agroecosystems Have Strong Roots," Jill Clapperton, PhD, Part 2: Saturday, 11:15 AM – 12:15 PM

We will look at how plants provide the network, infrastructure and currency that determines the function of the belowground ecosystem, and how farmers and consumers can benefit. We will be deep diving into plant, soil, and soil organism interactions (Applied Rhizosphere Ecology), linking soil health to nutrient dense food. Clapperton will be sharing some ideas for companion, living mulch, and cover/forage crops that work for dryland agriculture. Ideally, the end result of our efforts is good food and fodder with improved environmental quality: Healthy Soil for a Healthy World. We are finally starting to integrate soil health, food and environmental quality, with wellness.

"In the Field Consultants' Small Farm Workshop," Friday, 8:00 AM – 4:00 PM

Michael Kilpatrick, Farmer/Consultant, In the Field Consultants and Small Farm University

Session 1: Setting yourself up for success in farming, Friday, 8:00 – 8:50 AM

Topics will include: The importance of your farm mindset; limiting beliefs that are holding you back; apps and programs to double your effectiveness; making sure that you have a winning enterprise; and what they don't tell you when buying a farm.

Session 2: Hiring employees and setting them up for success, Friday, 9:15 – 10:05 AM

What are you looking for; how to know if you have the right hire; crew management without stress; adding a middle management layer; how to stay sane, implementing standard operating procedures; and creative compensation.

Session 3: Marketing your business- selling more of your farm, Friday, 10:30 – 11:20 AM

What story are you telling; who is your customer and what is the best way to reach

continued on p. 6

Conference Schedule

THURSDAY, December 6, 2018

9:00 AM – 12:00 PM Organic University, Jess Algers, Judy Owsowitz, Margaret Scoles

TOURS

1:00 PM – A Healthy Horizon, 842 2nd St. S. Great Falls, *Meet at Mansfield to carpool*

1:30 PM – Wilcox Farms Egg Processing, 1013 38th St. N., Great Falls, *Meet at Mansfield*. Tour at 2:00 PM, limit 25

3:30 – 4:30 PM, Saibeen's Kitchen, East Indian & East African Cooking Demo, Saibeen Acord, 525 Central Ave. Great Falls, Limit 25
Meet at Mansfield at 3:15 to walk over to tour.

5:15 PM – *Main Hall*: Social with heavy Hors d'oeuvres

7:00 PM – *Mansfield Theatre*, Film, "Dreaming of a Vetter World," followed by Panel Discussion with David Vetter, Neva Hassanein, David Oien, Bob Quinn, and Margaret Scoles at 8:30 PM.

FRIDAY, December 7, 2018

7:00 AM – 7:45 AM – *Main Hall*: Late Registration and Breakfast

7:45 AM – 7:55 AM – *Main Hall*: Welcome and Board Introductions, Board Nominees Introduced

8:00 AM – 4:00 PM *Rainbow*, Kids University

8:00 AM – 8:50 AM- Session 1

Main Hall: Sasha Loewen, "Mechanical Weed Control in Southeast Manitoba." WEEDS

Gibson: Michael Kilpatrick, "Setting Yourself Up for Farming Success." SMALL FARM/HORTICULTURE

Missouri: Rick Caquelin, "Improving Grazing Land and Livestock Economics Through Monitoring." LIVESTOCK

Chambers: Shelly Rolando, "Tools for Producers Available Through USDA FSA Farm Programs," RISK MANAGEMENT

9:00 AM – 9:15 AM – VENDOR APPRECIATION AND BREAK

9:15 AM – 10:05 AM – Session 2

Main Hall: Perry Miller, "MSU Research Update:

Creeping Thistle Surprises, Pilot Run with Chaff Collector, Hemp Possibilities, and Exploration of Chickpea/Flax Intercrops," WEEDS/CROP ROTATION

Gibson: Michael Kilpatrick, "Hiring Employees and Setting Them Up for Success," SMALL FARM/HORTICULTURE

Missouri: Darrin Boss, "Integrating Livestock into Cover Crop Rotations," LIVESTOCK

Chambers: Janet Smith, "Ag Lending Options for Organic Producers available through USDA Farm Service Agency," GRANTS/FINANCE

10:15 AM – 10:30 AM – VENDOR APPRECIATION AND BREAK

10:30 AM – 11:20 AM – Session 3

Main Hall: OAEC, OAEC Project Updates with SoilCraft presentation – WEEDS/RESEARCH

Gibson: Michael Kilpatrick, "Marketing Your Business – Selling More of Your Farm," SMALL FARM/HORTICULTURE

Missouri: Renée Gelbault King, "Feasibility Study—The Need for 4-H Organic Farming Curriculum" – EDUCATION

Chambers: Jennifer Dees, "Introduction to Crop Insurance: Protecting Your Risk with Crop Insurance." RISK MANAGEMENT

11:30 AM – 1:00 PM *Main Hall*: LUNCH, Alyssa Charney, "Farm Bill Update" POLICY

1:00 PM – 1:50 PM, *Missouri*: Jill Clapperton, "Building the Foundation for Wellness" – KEYNOTE ADDRESS

2:00 PM – 2:50 PM – Session 4

Main Hall: Pat Carr, "Enough About Weeds! Where Are We With Nutrient Management?" WEEDS

Gibson: Michael Kilpatrick, "Season Extension – Growing Longer Means You Can Sell More" SMALL FARM/HORTICULTURE

Missouri: Eric Bergman, "Cooperative Organizing Opportunities for Montana Farmers." MARKETING/MANAGEMENT

Chambers: Jeff Schahczenski, "Is Organic Risky? Preliminary Results from a National Organic Research and Extension Initiative Project – Part 1" RISK MANAGEMENT

3:00 PM – 3:50 – Session 5

Main Hall: David Sands, "Biocontrol of Weeds." WEEDS

Gibson: Michael Kilpatrick, "Hiring Employees and

Setting Them Up for Success," SMALL FARM/ HORTICULTURE

Missouri: Fabian Menalled, "Western SARE: Research and Education Opportunities for Organic Producers." GRANTS/FINANCE

Chambers: Jeff Schahczenski, "Is Organic Risky? Preliminary Results from a National Organic Research and Extension Initiative Project – Part 2" RISK MANAGEMENT

4:00 PM – 4:15 PM – VENDOR APPRECIATION AND BREAK

4:15 PM – 5:05 PM - Session 6

Main Hall: Georgana Webster, "In The Weeds: Current observations, discussion and opinions in regards to successes and failures in weed management," Panel - WEEDS

Gibson: David Baumbauer, "Influence of Sowing Date & Row Cover on Yield of High Tunnel Grown Vegetables," SMALL FARM/ HORTICULTURE

Missouri: Open

Chambers: Claudia Stephens, "Ag Worker Health and Services in Montana," MANAGEMENT

6:00 PM – Main Hall, Social

7:00 PM – Main Hall, Dinner, Northwest Farm Credit Services, Bob Quinn

8:15 PM – Main Hall, Auction

SATURDAY, December 8, 2018

7:00 AM – 7:50 AM, Main Hall – Late Registration, Welcome

8:00 AM – 8:50 AM - Session 7

Main Hall: Tammy Howard, "Agriculture in the Middle: Strategies for Intermediate Marketing Workshop" MARKETING/MANAGEMENT

Gibson: Dr. Jane Smith, "Dying to Eat Organic: Why Organic Producers Need Clean Food Too." HEALTH

Missouri: Johanna Mirenda, "Policy Updates and Emerging Programs that Matter to Montana Organic Farmers – Part 1" POLICY

Chambers: Stephen Jones, Heather Estrada, Jacob Cowgill, Bob Quinn, "Developing and selecting grains for regional systems," - SEED

9:00 AM – 9:50 AM - Session 8

Main Hall: Tammy Howard, "Agriculture in the Middle: Strategies for Intermediate Marketing Workshop" MARKETING/MANAGEMENT

Gibson: Christine Skonberg, "Voices from the Field: Farmer Feedback on the General Mills Regenerative

Agriculture Scorecard." MARKETING/ MANAGEMENT

Missouri: Johanna Mirenda, "Policy Updates and Emerging Programs that Matter to Montana Organic Farmers – Part 2" POLICY

Chambers: Tessa Peters, "A Quality Assurance Primer for Montana Organic Seed Growers," SEED

10:00 AM – 10:15 AM - VENDOR APPRECIATION AND BREAK

10:15 AM – 11:05 AM Session 9

Main Hall: Tammy Howard, "Agriculture in the Middle: Strategies for Intermediate Marketing Workshop" MARKETING/MANAGEMENT

Gibson: Jim Auer, "Introduction to the Montana Agriculture Mediation Program," MARKETING/ MANGEMENT

Missouri: Nate Powell-Palm, "MOA Policy Committee Update," POLICY

Chambers: Nikos Kavanya, "Seed as Industry, Seed As Life," SEED

11:15 AM – 12:15 PM *Missouri:* Jill Clapperton, "Productive Agroecosystems Have Strong Roots" – KEYNOTE ADDRESS

12:15 PM- 1:30 PM: *Main Hall, Lunch, MOA Business Meeting*

1:30 PM – 2:20 PM Session 10

Main Hall: Zach Miller, "Cold-Hardy Fruits for Montana," SMALL FARM/ HORTICULTURE

Gibson: Anna Crabtree-Jones, "Best Practices for Real Life Farm and Ranch Apprenticeships & Internships – Part 1," MARKETING/MANAGEMENT

Missouri: Joseph Kibiwott, "Soil-Plant Relationship: Aiming for the 'Goldilocks' Zone," SOIL

Chambers: Bill McDorman, "The Rocky Mountain Heritage Grain Trials- Part 1," SEED

2:30 PM – 3:20 PM Session 11

Main Hall: Wayne Burleson, "Strong Food Gardening Without Spending Money," SMALL FARM/ HORTICULTURE

Gibson: Anna Crabtree-Jones, "Best Practices for Real Life Farm and Ranch Apprenticeships & Internships – Part 2," MARKETING/MANAGEMENT

Missouri: Chengci Chen, "Variety selection and integrated practices for weed control in organic chickpea production," RESEARCH UPDATE

Chambers: Bill McDorman, "The Rocky Mountain Heritage Grain Trials- Part 2," SEED

Agenda subject to change

them; the three principles for sales success; social media- what should you focus on; setting up your farm website; what marketing channels are for you; selling to chefs; and innovative marketing systems across the country.

Session 4: Season extension- growing longer means you can sell more, Friday, 2:00– 2:50 PM

Learn about the different terminology used, basic propagation techniques, and intercropping for higher production; learn about the different seeders on the market, different spacing, and tips and techniques to get maximum production; and discover the exciting possibilities of overwinter crops for super early spring harvest. Bedding, seeding, and different protection techniques such as mini-tunnels, row-cover and plastic will be discussed. We'll go into detail on individual crops and discuss the specific culture, relevant varieties, seeding densities, transplant strategies, and more to cultivate them year-round. Specific disease problems, and harvest techniques will be covered.

Session 5: Effective harvest, washing and packing on the small farm

Friday, 3:00 – 3:50 PM

Learn new harvest systems to increase efficiency and comply with food safety regulations; strategize your product flow for ergonomic control and effective processing; compare different equipment options for various scale operations and what makes sense at different scales; look at various storage options and learn what versions are best for your operation; and discover which food safety rules affect your farm and what you should be doing to protect yourself with new regulation.

2018 Farm Bill Panel – What's at Stake?,

(During Lunch), Friday, 11:30 AM – 1:00 PM

Alyssa Charney, Senior Policy Specialist at the National Sustainable Agriculture Coalition
Panelists: Johanna Mirenda, Farm Policy Director, Organic Trade Association; Aaron Shier, Government Relations Representative, National Farmers Union; Alison Vergeront, Agriculture Liaison & Field Representative for

Senator Daines; Jesse Anderson, Agriculture Liaison for Senator Tester.

Panelists will provide an update on 2018 Farm Bill negotiations. The House and Senate have both passed their respective drafts of the next farm bill and began working to negotiate the differences between the two bills, but the 2014 Farm Bill expired on September 30 without a new bill passed or an extension of current law. As farm bill negotiators continue to work to pass a new bill by the end of the year, there is a lot at stake for organic farmers and ranchers across the country.

"Tools for Organic Producers available through USDA Farm Service Agency Farm Programs," Friday, 8:00 – 8:50 AM

Shelly Rolando, Chief Agricultural Program Specialist, USDA Farm Service Agency

Ms. Rolando will provide an overview of USDA Farm Service Agency's farm programs available for both new and seasoned organic producers. Presentation will provide an overview of the Noninsured Crop Disaster Assistance Program and how to apply and utilize the NAP program to manage the risk in your organic operations. Presentation will cover the Organic Certification Cost Share Program and other FSA disaster, commodity price support and conservation programs.

"Dying to Eat Organic: Why Organic Producers Need Clean Food Too"

Saturday, 8:00 – 8:50 AM

Jane H. Smith, MD, Coach, Author *Dr. Jane Wholeness Living*

It is not enough to create organic food for the marketplace; we need to eat it. The success of the Organic Movement depends on it. Too many of our members are suffering from health problems stemming from glyphosate exposure, the active ingredient of Roundup. In this presentation you will learn the 5 most common health problems that glyphosate causes, your favorite foods and beverages where you are ingesting this residue, and three ways to remove it to improve your health. If glyphosate-caused diseases take you out early, how will the Organic movement flourish? Time to fight back!



Gluten Free from Farm to Fork



We are actively seeking a large number of acres for our **Gluten Free Organic Naked Oats**

Please contact us for more information

Come see us at our booth!

Office: 406-600-7400

Gary: 406-450-1106

141 Andrea Drive, Belgrade, MT 59714

www.montanaglutenvfree.com



Everything
you need to grow

Organic quality. It's rooted in our relationships.

For the best organic ingredients, you have to start with the best growers. At Bay State Milling, we have enduring relationships with local and global farmers who are committed to the very highest standards of quality and sustainability. You know you'll always have a consistent supply of exceptional ingredients to support your clean label - and your success.



For more information on our products, call 1-800-553-5687
or visit www.baystatemilling.com

© Copyright 2015

Presenters' Bios

Jess Alger, MOA Board Member, graduated from MSU in 1971 with a B.S. degree in Animal Science. He returned to the Alger family ranch near Stanford where he worked for his Dad until 1981, after which he bought the place. He first certified his cropland in 2000 and his cattle were certified organic in 2007. The entire operation is 100% certified organic. He raised purple barley, lentils, KAMUT® wheat, millet, and cover crop. Next year he will calve 50 Red Angus cross cows and have 30 yearlings to fatten up. Jess has 260 acres of sainfoin and over 600 acres of pasture. He grazes smaller pastures and moves the cattle every few days except at summer pasture for the pairs. He sells his crops to Timeless Seed, Montana Milling, Montana Flour and Grain, and the National Farmers Organization. Jess is a long-time MOA board member, a member of Montana Organic Production CO-OP, selling organic grass-fed yearlings and the National

Farmers Organization, a collective bargaining organization for producers.

Jim Auer - While a couple of generations removed from the family farm, Jim found his way to the Department of Agriculture in January 2015 managing the Specialty Crop Block Grant program. In 2016, Jim took the lead on creating and overseeing the Department's mediation program. Since working to build the program, Jim has completed his basic mediation and has been an active member of the Coalition of Agriculture Mediation Programs (CAMP). Prior to entering into state government, Jim spent two years working with cut flower peony growers in Alaska examining the economics of selling late season flowers to international markets.

Casey Bailey is an organic farmer and rancher from Fort Benton. He has never missed a summer of work on his family's farm since elementary school. He studied music at the University of Montana and drove back and forth to Missoula on weekends while in school.

YOUR FIELDS, HEALTHY FLOUR, NATIONS FOOD!

SERVING THE BAKING INDUSTRY SINCE 1972!

ORGANIC SINCE 1980!

A MONTANA COMPANY!

GROWING TOGETHER!

MONTANA MILLING INC.

www.montanamilling.com

(800) 548-8445



He transitioned 50 acres to organic when he contracted to grow French green lentils for Timeless Foods. Bailey grows perennial alfalfa in response to weed and fertility issues; it has deep taproots that aerate and out compete perennial noxious weeds (or at least give them a run for their money) as well as provide a slow release nitrogen. His first 50 organic acres was his “aha” moment. The winter wheat from it yielded better than his conventional winter wheat, was weed and disease free, and had higher protein. He now has alfalfa growing on at least 1000 acres at all times. He frequently seeds it at the same time as cash crops like barley so then it comes up after harvest and serves as a cover crop living root going into the next winter. The alfalfa is hayed for 2 years, then incorporated at bloom the following year in order to feed the next crop like winter wheat, spelt, spring wheat, emmer, oats, or whatever.

Jim Barngrover is a co-founder of Timeless Seeds and serves as Manager of Grower Contracting and Crop Procurement. Jim grew

up on an irrigated farm in northern Wyoming. He has over four decades of experience in organic farming, gardening and marketing. Barngrover’s principal responsibilities for Timeless Seeds is to have his “pulse” on the weather, soil conditions, timing of field operations and harvesting of crops from about four dozen organic contracted Montana pulse crop growers. As a lobbyist for the Alternative Energy Resources Organization at the Montana legislature, Jim was instrumental in the passage of the Montana Organic Definition Act, 1989, and the establishment of a Weed Ecologist position at Montana State University in 1991. A founding board member of Helena Community Gardens, Jim has focused on the organization’s mission of developing gardens within walking distance of every neighborhood in Helena.

David Baumbauer has been kicking around greenhouses and nurseries for over 35 years, and has degrees in forestry from Purdue (BSF) and University of Montana (MSF). Since 1987, David has managed the Plant Growth Center

at Montana State University. He also teaches Commercial Plant Production and Market Gardening courses for the Plant Sciences and Plant Pathology department and manages the MSU Horticulture farm. In January of 2015, he suffered a mid-life crisis and started a PhD program with Dr. Mac Burgess investigating cool season vegetable production in high tunnels. He hopes to graduate before retirement.

Dr. Eric Belasco is an associate professor of Agricultural Economics and a research fellow at the Initiative for Regulation and Applied Economic Analysis, both at Montana State University. He has received numerous research awards and has published over 30 peer-reviewed journal articles in the areas of crop insurance, farm policy, risk management and livestock marketing. Currently, he teaches courses at Montana State University in agribusiness management and financial engineering. He has made speaking and extension presentations and workshops throughout the state of Montana to speak to producer and commodity groups and was

recently awarded, along with colleagues in his department, the Outstanding Extension Program Award by the Western Agricultural Economics Association.

Chandee Bomgardner is the Owner of Bomgardner Catering, specializing in local and organic catering. Chandee and her team provide outstanding service for memorable events, both large and small. From a buffet reception with specialty cheese selection to Missouri River bank picnics, Chandee's delicious food brings people together. Her thoughtfulness, creativity, professionalism, and careful planning take the worries out of your next event. Bomgardner Catering provides freezer meals to make hectic times, including harvest dinners, a whole lot easier and healthier. Bomgardner Catering, Loma, MT, (406) 788-7246.

Dr. Darrin Boss received two Bachelor's degrees from Ohio State University; Zoology (Wildlife Ecology) and Animal Science (Animal Nutrition). He then attended Montana State University where he earned his Master's degree




406 AGRONOMY
GROWING FUTURES TOGETHER

**WE ARE PRODUCTION AGRICULTURE
CCA CERTIFIED CROP ADVISORS**

We work with growers in every corner of their farming operation to enhance performance.

From the field to the grain bin, to the balance sheet and beyond, growers will benefit from a systematic, strategic process combined with a massive body of knowledge from our vast network of agricultural experts.

We help our growers raise the bar from average to extraordinary.

COLUMBIA GRAIN

Columbia Grain is a leading world grain and pulse exporter, supplying superior quality western grain and pulses to service both US domestic and export markets worldwide.

Columbia Grain
Thomas Wanquist
1300 SW 5TH Ave., #2929
Portland, OR 97201
503-535-5637

Email: twanquist@columbiagrains.com
Website: www.columbiagrains.com

in Animal Science, specializing in Ruminant Nutrition. He was employed at NARC in 1994 as a Research Associate, managing all day-to-day activities of the beef cattle herd, including collecting research data. He earned his PhD from MSU conducting research on annual forages. Shortly after completing his PhD he was hired into a faculty position and later was promoted to Superintendent. Current research interests include: beef cattle breeding projects exploring maternal efficiency on the mixed grass prairie, establishing correlations with individual intakes and long term reproduction; novel and alternative feedstuffs for inclusion in pre and post-weaning beef cattle diets; and investigating how to assimilate cover crops into crop-fallow environments by integrating livestock or haying practices to increase soil health and to increase profitability of the agricultural operations.


Eric Bergman, along with his wife, Audra, founded and operate Groundworks Farm in Fort Shaw, Montana. Groundworks grows certified organic vegetables and grass fed beef. Eric also offers organizing and development

services for cooperatives and community food system efforts.

Wayne Burleson has Masters Degree in Rangeland Science. He completed 20 trips to nine Third World countries teaching organic growing methods. He published a book and DVD on these methods. They include sample results from carbon loading soils that produced 50 nice size carrots in one square foot. He has made presentations at Mother Earth Fairs and a large Expo with Baker Creek Heirloom in Santa Rosa. He was awarded the Volunteer of the Year for CNFA Farmer to Farmer.

Patrick Carr, PhD has conducted research on organic farming methods for 20+ years. He was at North Dakota State University from 1989 through 2015 and returned to MSU in 2016. The research center presently has roughly 25 acres undergoing organic certification and will begin organic farming research (finally!) in 2019.

Rick Caquelin has spent the past 30 years with his wife, raising kids, working for NRCS across Montana. He also has a cow / calf operation in Stanford, Montana.




FEDCO-SEEDS
Garden • Farm • Orchard

**Vegetable, Herb & Flower Seeds for
short growing seasons & cold climates!**

Cold hardy heirloom varieties,
untreated, open pollinated,
hybrid & a large selection of
certified organic seeds.

Bulk quantities available.
No GMOs!

Visit our booth at the Montana
Organic Association Conference
and come to a talk by
Fedco's Nikos Kavanya
"Seed as Industry; Seed as Life."





fedcoseeds.com

**We are interested in
purchasing old & new
organic crop**

Licensed and Bonded with Canadian Grain Commission

- * Green & Yellow Peas
- * Soybeans
- * Chickpeas
- * Barley
- * Flaxseeds
- * Canola
- * Wheat
- * Lentils: Red, Richlea, Lairds,
Pennel, Estons, Pardina





**Commercial
Lynks Inc.**

153 Main Street, Shelby, Montana 59474
Phone: 406 424 8150 Fax: 406 229 1381
www.commerciallynks.com
terryp@commerciallynks.com
sales@commerciallynks.com



Sustainable Agriculture - Premium Food

***We sincerely appreciate the loyalty
shown by our growers in 2018***

Now contracting premium grains for 2019!

Andre' Giles Eldon Pfile

406-622-5436

montanafLOUR.com

Alyssa Charney is a Senior Policy Specialist at the National Sustainable Agriculture Coalition (NSAC) in Washington, DC. She leads the coalition's work on federal conservation policy as well as the annual appropriations process and organic agriculture. She holds an M.S. in Agriculture and Food Policy and an M.P.H. from Tufts University, as well as a B.A. in Environmental Studies from Vassar College. Alyssa served as a FoodCorps member in Red Lodge, Montana, for two years and has worked on food and agriculture policy at the Center for Rural Affairs, New England Farmers Union, and the National Farm to School Network.

Dr. Chengci Chen is the Professor of Agronomy and Superintendent of the Eastern Agricultural Research Center. He has served as the President of the Western Society of Crop Science, and Chair of the Agronomic Production Systems of American Society of Agronomy. His Research interest includes pulse crops (pea, lentil, and chickpea) variety selection and testing. System development and management strategies for including specialty crops, such as dry peas, forage and energy crops, in dryland cereal grain rotations and crop-livestock systems; cropping systems for cellulosic and oilseed bioenergy feedstock productions; and nutrient management, water quality and water use efficiency. Currently, he is also working on cereal and sugar beets at the Eastern Agricultural Research Center in Sidney, Montana.

Jill Clapperton is an internationally recognised lecturer on how to create and manage the long-term health and productivity of soils. Jill was the Rhizosphere Ecologist at Agriculture and Agri Food Canada Lethbridge Research Centre studying the interaction between soils, plants and soil organisms. She also developed and implemented the Worm Watch program for Environment Canada. After moving to the USA with her family, Jill founded Rhizoterra Inc. a consulting company that connects nutrient density in food with healthy soil. Rhizoterra Inc. is a purveyor of information and independent research that supports food growers and

consumers around the world in making informed decisions based on science.

Jacob Cowgill and his wife Courtney own and operate Prairie Heritage Farm, a certified organic, diversified farm near Power, Montana, on the short-grass prairie where the Rocky Mountains meet the plains. They grow a variety of crops, including heritage and ancient grains. They've recently added a micro-bakery called Blue Truck Bread, where Jacob is milling flour and baking sourdough bread. Over the past 10 years, Jacob has been trialing many different varieties of ancient and heritage wheat and barley. The trials have migrated from the field to the bakery and opened the door to the notion of terroir, or taste of place.

Doug Crabtree, MOA Chairman, and his wife Anna Jones-Crabtree own and operate Vilicus Farms, a 8,700-acre certified organic dry-land farm in northern Hill County, growing 12 to 15 grain, pulse, broadleaf, and oilseed crops annually. Having started the farm "from scratch," they share a passion for beginning farmers. Prior to launching the farm, Doug managed the State of Montana's Organic Certification Program. Growing up on a conventional managed farm in Ohio, Doug never imagined he'd be anything else than a farmer. Doug and Anna established a mentoring apprenticeship program to actively engage new farmers in growing organically, giving them hands on skills needed to farm successfully. Doug also sits on the Organic Trade Association Board.

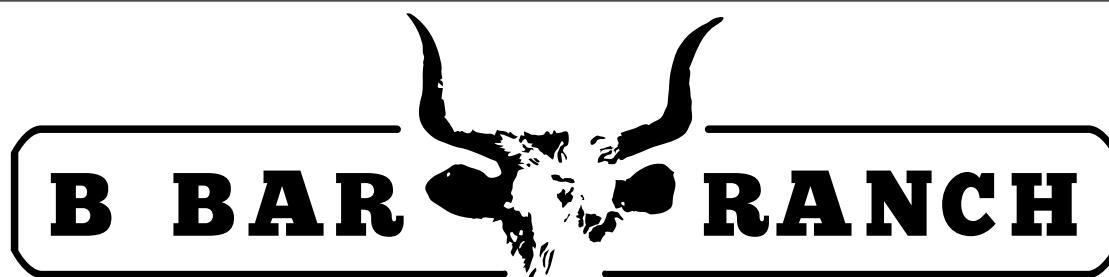
Jennifer Dees has worked for Northwest Farm Credit Services for over 12 years in a variety of roles, from lending to crop insurance. She has been a crop insurance agent for the past 4 years. Dees also runs a small grain and pulse crop operation with her husband in Kremlin. Through her role as crop insurance agent, she has had the opportunity to work with many organic producers and help them utilize crop insurance to protect their operations.

Heather Estrada, PhD, MOA Treasurer, received her PhD in Plant Science while studying in the wheat breeding program at the University of Alberta and is an Associate Professor and the Agriculture program director at Flathead Valley Community College in Kalispell, Montana. She teaches a range of classes in plant and soil science, agronomy, and food systems, and oversees the operation of the Campus Farm. Her background and interest in wheat have led to the development of an emerging small grains program at the College, where students learn about breeding, cultivation, milling, baking, distributing, and eating grain-based food.

Brianna Ewert is the Cooperative Development Center Director for Lake County Community Development, a nonprofit organization that has helped establish several cooperatives to develop the regional food and agricultural economy, including the Western Montana Growers Cooperative, the Montana Poultry Growers Cooperative and poultry processing facility, and Triple Divide Organic Seed Cooperative.

Trained as a Cooperative Development Specialist through Cooperation Works!, Brianna assists groups organizing cooperative businesses to meet the needs of their rural communities. With her partner, Brianna also runs a certified organic farm producing vegetables, vegetable seed, and industrial hemp.

Mason Gordon is an Agronomist/PCC, and Manager in Washington State, for Soilcraft, Inc. The company works as independent consultants for both organic and conventional crops, as well as distributes products for 45+ Companies. Over the years they have continued to study and research, to keep up with the latest technology, chemistry, and biology. They specialize in the subjects of soil biology, plant nutrition, and how they relate to crop quality, health and production. They have worked over the years to research and trial many different products to find ones that are of the highest quality, and efficacy, for the different crops and soils.



GRASS FED - GRASS FINISHED BEEF

ORGANIC

BIG TIMBER, MT • BBARBEEF.COM

See you at the Conference in Great Falls !

Neva Hassanein is a Professor of Environmental Studies at the University of Montana. Author of *Changing the Way America Farms* (University of Nebraska Press, 1999), Neva has also published articles agricultural policy and on sustainable, democratic food systems. An activist scholar, Neva and her students have been involved in many efforts to strengthen Montana's food system through civic engagement and community-based action research – covering a range of topics, such as farmland protection, institutional markets, and regional food distribution. Neva co-founded the Community Food and Agriculture Coalition of Missoula County, and was a founding partner in Grow Montana, a statewide policy coalition. In 2011, she served as President of the Agriculture, Food, and Human Values Society, an international organization of scholars and practitioners. Neva enjoys gardening, sharing food with friends, hunting wild mushrooms, and exploring the natural world.

Bonnie Hawthorne is the director, cinematographer, editor, writer and narrator of "Dreaming of a Vetter World." As a film student at NYU in the 1980s, her documentary film teacher said there would come a day when one woman could go AWOL from her day job cutting television shows, take off in a tiny camper, and make a film with cameras small enough to fit in a purse. That day finally arrived. This film, her first, is the result.

Lee-Ann Hill is Special Programs Director of the Rocky Mountain Seed Alliance and oversees the Rocky Mountain Heritage Grain Trials program. Lee-Ann holds an MA in Cultural Ecology from Prescott College. She presented a paper on RMSA's grain trials this past summer at the First International Conference of Wheat Landraces in Bologna, Italy. She currently resides in southwest Colorado where she farms at Laughing Wolf Farm.

Tammy Howard works as a Sustainable Agricultural Specialist with National Center for



**More than 99% of our
food comes from the soil.**

That's why General Mills is on
a mission to bring soil back to life.

Learn more about our work at <https://www.generalmills.com/regenag>

Photo courtesy of USDA NRCS.



Nourish the Future

The market for organic wheat is growing.
Can you help service?

Join Ardent Mills to help meet this demand.

9 certified-organic milling and packaging locations:

- Denver, CO
- Commerce City, CO
- Martins Creek, PA
- Omaha, NE
- Mankato, MN
- Ogden, UT
- Alton, IL
- Saskatoon, SK
- Puerto Rico

Contact Patrick Hart
at (720) 544-6621 or
Patrick.Hart@ArdentMills.com.



**Specializing in
Crop Insurance
and
Commercial
Farm/Ranch Insurance**

**Ted Brown
406-357-4303**

Appropriate Technology, emphasizing farmers market nutrition programs, beginning farm business planning, market gardening, and other horticultural topics. She works extensively setting up farmers market SNAP programs in Montana and with beginning farmers throughout the country providing technical assistance on business planning, marketing, and goal setting.

Kiki Hubbard is the director of advocacy and communications for Organic Seed Alliance. Kiki has worked on seed policy issues in the areas of antitrust, biotechnology, intellectual property, and organic regulation for 15 years. She currently leads efforts to promote policies and actions that support organic seed systems, including managing OSA's State of Organic Seed project. Kiki lives in Missoula, Montana, with her husband and son.

Darrold Hutchinson and his wife Mary have just finished their seventh year as certified organic farmers. They farm 1,600 acres of small

grains, eighteen miles north of Hingham, Montana. Darrold's professional education background is in Vocational Agriculture Education from the University of Wyoming, Laramie. Darrold spent 25 years in the aerial spray business solving weed problems along with other plant pest problems. Understanding the plant, the plant culture along with environmental factors, can help us in the organic control of weed problems. Darrold is looking forward to visiting with you.

Cort Jensen was born in Circle, Montana, and obtained his Bachelor's degrees (Psychology, Political Science, History) from Concordia College (MN). He obtained his JD from University of Montana Law School. Prior to working for the Department of Agriculture, Cort was the chief consumer attorney for the State of Montana in both the Department of Administration and Department of Justice. He is the former president of the Public Law Section of the State Bar and serves on the Bar's Technology Committee. He currently is an

WEEDit:
Spot & Precision Spraying



WEEDit's intelligent sensors sample the ground 40,000 times per second searching for living plant matter and applies chemical only to the target, allowing you to increase chemical rates and still save money on applications.



Use up to 90% less chemical - WEEDit combines very accurate and super fast weed detecting technology to only spray weeds in a highly efficient manner.
High speed = high productivity - A very significant benefit of the Weedit is its high speed operation. This operating speed means more productivity and more time saved!
Background calibration - WEEDit is less sensitive to changes in background conditions because it only measures chlorophyll, and is automatic so the system is always operating at its optimum.

Electrical management - With so many solenoids, sensors and powerful light sources these systems place significant demands on power supplies. The WEEDit system overcomes these issues by running at 48V.

Come in and get more details!

HOVEN
EQUIPMENT
www.hovenequipment.com

406-727-7153
4181 North Park Trail, Great Falls, MT
406-538-3919
77335 US HWY 87 - Lewistown, MT

NORTH40Ag
www.north40ag.com

The cover crop source that focuses on YOUR goals!

- Custom Blends
- Exceptional Service
- Statewide Experience & Knowledge

Contact us today!
406-600-5205
kvogel@north40ag.com



adjunct professor at the Alexander Blewett III School of Law teaching Agricultural Law.

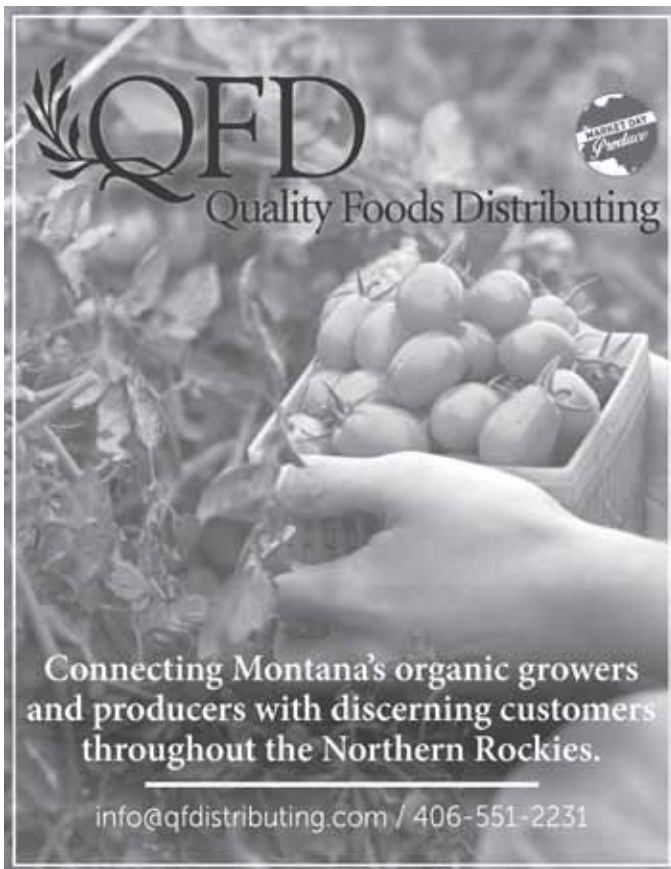
Stephen Jones has a PhD in Genetics/ Molecular Cytogenetics. He is a wheat breeder and Professor at Washington State University and is the founder of the Bread Lab in Skagit Valley, north of Seattle. In 2018, Stephen was awarded the Clif Bar and King Arthur Flour Endowed Chair in Organic Grain Breeding and Innovation. Training PhD Students is critical to the mission of the lab and over 40 graduate students have completed their degrees through his program.

Anna Jones-Crabtree, PhD, is an owner/ farmer of Vilicus Farms and Executive Director of Vilicus Training Institute. Vilicus Farms is a 7400 acre, first generation, organic, dryland crop farm in Northern Hill County, Montana. Owned and operated by Anna and her husband, Doug Crabtree, Vilicus Farms grows a diverse array of organic heirloom and specialty grain, pulse, oilseed and broadleaf crops under five and seven-year rotations. Vilicus Training Institute

is a non-profit project of the farm with the purpose of bringing the next generation of land stewards to the Northern Great Plains through formal apprenticeships. Anna is a Donella Meadows Leadership Fellow and a recipient of the White House Greening Government Sustainability Hero Award. She holds a PhD in Civil and Environmental Engineering with a minor in Sustainable Systems from Georgia Institute of Technology.

Nikos Kavanya comes from a long lineage of farmers and has always had dirt under her fingernails: as an herbalist, as a market grower, and as the seed maven of Fedco Seeds, where she has worked for four decades during many changes in the seed marketplace.

Joseph Kibiwott obtained a BS in soil and water science from the University of Florida. Between 2013 and 2015, he worked at the University of Illinois and USDA_ARS laboratories in Urbana, IL as a research technician. There, he evaluated the Optimum Plant Population Density in Sh2 Processing Sweet Corn for On-Farm Production.



QFD
Quality Foods Distributing

Connecting Montana's organic growers
and producers with discerning customers
throughout the Northern Rockies.

info@qfdistributing.com / 406-551-2231

Joseph has been working on his MS research project with a focus on soil fertility in organic systems at MSU in Bozeman. In 2018, Joseph joined Timeless Seeds Inc. as an agronomist and grower liaison and lives in Great Falls with his wife and three sons.

Michael Kilpatrick with In the Field Consultants, LLC., is a farmer, presenter, inventor and blogger who lives to help farmers apply business principles and practical, proven solutions to grow their businesses and simplify their lives. He has managed large certified organic farms and businesses, consulted for industry experts, and spoken at dozens of conferences.

Renée Gebault King, PhD, is the Agriculture and Natural Resources Specialist at the Montana 4-H Center for Youth Development, part of Montana State University Extension. As part of the Montana 4-H Center team, she develops research-based curriculum that gives youth hands-on learning experiences, building knowledge and skills that contribute to lifelong success. She is an advocate of sustainable, healthy foods and has a diverse background, having worked as an organic inspector, farmers' market director, meat laboratory manager and agriculture science educator in the Rocky Mountain West. Prior to joining the Montana 4-H Center, Renée served as the Chief of Staff and an Accreditation Manager at the USDA's National Organic Program. She holds a M.S. in Meat Science and a PhD in Soil Science from the University of Wyoming.

Daryl Lassila lives and farms 10 miles east of Great Falls. He was raised fourth generation on the family grain farm. He spent three years gathering experience at Western Montana Co-op and eight years at what is now Mountain View Coop. In 1988, He returned to the farm. In 2000, Daryl started transitioning to organic.

Sasha Loewen is a farmer from Steinbach, southeast Manitoba, farming 500 acres and recently transitioned the family farm to organic. They farm wheat, oats, hemp, clover, and have experimented with various cover crop cocktails. Sasha has a Masters degree in biology from the Montana Organic Association

Montana's Organic Seed System is Growing
GET ENGAGED • BUILD SKILLS • GROW RESILIENCE



Find **free resources** to hone your skills and help grow Montana's organic seed system at seedalliance.org



ORGANIC seed ALLIANCE Want to learn more and get involved?
Contact OSA's Tessa Peters at tessa@seedalliance.org.

University of Manitoba, and has just started a PhD under Bruce Maxwell at MSU exploring precision farming techniques in organic grain production.

Bill McDorman is the Executive Director of the Rocky Mountain Seed Alliance. He is the former Executive Director of Native Seeds/SEARCH in Tucson, Arizona. He was a co-founder of the Down Home Project and Garden City Seeds in Missoula, Montana. Bill McDorman is a seed saver, writer, and educator based in Cornville, Arizona. He is author of the book, Basic Seed Saving.

Fabian Menalled, PhD is a Professor in Weed Ecology and Management at Montana State University. His research and outreach activities focus on improving the sustainability of agricultural systems by developing management approaches that are based on ecological principles. Fabian was born in Buenos Aires, Argentina, where he obtained his B.S. in Biology. He obtained a PhD in forestry at the University of Massachusetts while working at the Biological Station La Selva in Costa Rica. Prior to Montana, Fabian conducted research on ecology and natural resource management at Michigan State University and Iowa State University.

Perry Miller, PhD is a Professor of Sustainable Cropping Systems in the Department of Land Resources and Environmental Sciences at Montana State University, conducting diversified dryland cropping systems research there since 1998. His dryland research focuses on carbon, nitrogen, and water budgets in diversified wheat-based systems. Research interests include no-till and organic cropping systems, pulse crop agronomy, winter dicot crops, cover crops (since 1999), and best management practices for soil.

Dr. Zach Miller is an assistant professor and superintendent of MSU's Western Ag Research Center (WARC), located in Corvallis, Montana. WARC's focus is on high-value specialty crops including fruits and vegetables. Dr. Miller's expertise is in plant and pest ecology and



**Specialty Lentils, Chickpeas,
and Heirloom Grains**

**We help keep Montana's
organic and transitioning farmers
on the land and in business!**

Timeless Seeds, Inc.
P.O. Box 331 • Ulm, Montana 59485
www.timelessfood.com • 406-866-3340



GOOD NEWS!!

Congratulations to Montana State University (MSU), Pat Carr, Zack Miller, Perry Miller and all the good hard-working people from MSU who received the Organic Agriculture Research and Extension Initiative (OREI) grant to help find solutions to Field bindweed and Canadian thistle problems though "CREEP STOP."

Also -- thank you and congratulations to all the organic producers in Montana that wrote letters of support and helped to push this issue to the forefront. Your written and vocal support for MSU's organic research has helped them to expand and refine their efforts over the past few years.

MORE GOOD NEWS!!

As we did last year, this spring we, OAEC, asked you to scout your fields for Field bindweed and Canada thistle showing signs of disease to sample and submit for testing. Many thanks to all who sent in samples.

These specimens are now at MSU where Professor David Sands directs the ongoing investigation to determine their suitability for development as biocontrol agents. OAEC continues to fund this research and believes that the chance to develop biocontrol agents for these weeds is an opportunity to be seized.

Please donate to this effort, whether you are having problems with either of these weeds in your cropping system or because you recognize the importance this type of research may have on future weed challenges in Montana.

Your tax-deductible donations also help to support our mission to: assess priority needs for research and education specific to Montana's organic farming community; identify and target funds for the most needed projects; and provide information and advice to researchers and educators on areas of critical need in the organic community.

Donations can be sent to:
OAEC
c/o Ole Norgaard
475 Vixen Lane
Shonkin, MT 59450

ORGANIC ADVISORY & EDUCATION COUNCIL
WWW.OAECMT.ORG ~ TWITTER: @MTOAEC
FACEBOOK: ORGANIC ADVISORY AND EDUCATION COUNCIL

integrated pest management. He's conducted research around the globe, from the rain forests of Central and South America to the high plains of the Highline. He received his doctorate from the University of Michigan. At Montana State University, Dr. Miller has used this approach to address a variety of challenges facing farmers in the region. He's collaborating with scientists at MSU and across the country to improve integrated pest management of weeds and disease in a variety of crops. In horticultural crops, Dr. Miller's is researching a variety fruit and vegetable production topics, including vegetable varieties suited for organic production, maximizing yields and returns for high tunnels, cold-hardy fruit, and cider apples.

Johanna (Jo) Mirenda is the Farm Policy Director of the Organic Trade Association (OTA), where she develops policy strategy through producer engagement, and serves as the lead technical expert on regulatory issues related to crops and livestock. Johanna is an expert in the USDA organic regulations for

production and processing, having nearly a decade of experience working in organic certification. Prior to joining OTA, Johanna served as the Technical Director of the Organic Materials Review Institute (OMRI), where she was responsible for overseeing OMRI's research and education programs. Prior to OMRI, she served as the Policy Director of Pennsylvania Certified Organic, a USDA-accredited organic certification agency. Johanna holds a bachelor's degree in Horticultural Science from the Pennsylvania State University and a master's degree in Sustainable Food Systems from Green Mountain College.

Paul Neubauer is a first generation agrarian. Born and raised in Buffalo, New York, his first immersion into agricultural work was as a summer intern on the Warren Wilson College Farm in Swannanoa, NC. Since then his experience and growth in agriculture have relied heavily on the leadership and knowledge of mentors through internship and apprenticeship. He has worked on several



ORGANIC GRASS-FINISHED BEEF

All animals are humanely raised with free range pasture year round. Competitively priced to be sold as quarters, halves and wholes. Custom Processing Locally.

ORGANICALLY-RAISED BOER GOATS

Goats are trained to eat noxious weeds such as leafy spurge, could make good pets or 4H projects, or sold as meat goats. Custom processed locally.

ORGANICALLY-CERTIFIED ALFALFA & SANFOIN MIXED GRASS HAY

Alfalfa and Sanfoin mixed grass forage in winter as well as rotating grass pastures in summer.

A-T RANCH LLC

5407 US Hwy 89 • Belt, Montana

(406) 899-9830



davidanderson44@outlook.com

different farms and ranches as an apprentice and an educator both. His passions are growing food for lots of people, practicing regenerative grazing, improving soil health, operating large machinery, and teaching others to do the same.

Ole Norgaard currently leases an organic farm (650 acres) 13 miles west of Lewistown, Montana, where he grows peas, barley, wheat, sanfoin seed, triticale, alfalfa and grass hay and a special black/purple Indian corn. Ole is also working on his own value-added product line with a pancake and cornbread mix. He has been involved in farming all his life and holds a Bachelor Degree in Agricultural Science and a Specialized Degree in Agricultural Economy and Management. He has served on the Montana Organic Association board as Chair and Treasurer and is currently the Chairman of the Organic Advisory and Education Council.

Tessa Peters is Organic Seed Alliance's Research and Outreach Associate for the Intermountain West region. She develops research and educational opportunities for those in the

Intermountain West who are interested in growing and promoting organic seed systems. She received her PhD in Plant Breeding and Plant Genetics from the University of Wisconsin, Madison in 2018 and worked with Dr. Bill Tracy to breed sweet corn for organic producers in the Upper Midwest. She was also a recipient of a Clif Bar Family Foundation Seed Matters fellowship. She currently serves as the co-chair of the board of directors of the Society for Organic Seed Professionals, which supports the professional development of people involved in the organic seed industry. She lives, hikes, and backpacks in Missoula, Montana, with her husband and son.

Nathaniel Powell-Palm currently owns and operates Cold Springs Organics, a certified organic cattle and grain farm located outside of Bozeman, Montana. First certified organic by the Montana Department of Agriculture in 2008, Cold Springs Organics focuses on integrated livestock and crop production in the heart of the Gallatin Valley. Since 2012 Nathaniel has worked as an independent organic farm,


NATURE'S ORGANIC GRIST

*Conducting business with others
the way we want others to do business with us!*



Contact us to market:


- Hard Red & White Wheats
- Soft Red & White Wheats
- Durum
- Barley
- Millet
- Feed Grains
- Oats
- Emmer
- Einkorn
- Dry Edible Beans & Peas


www.NaturesOrganicGrist.com

Eric Fast, Director, Grain Procurement
Mobile: 651-253-5292 • Eric@naturesorganicgrist.com

Carolyn Lane, Director, Supply Chain & Compliance
Office: 763-795-0042 • Mobile: 763-377-2461
Carolyn@naturesorganicgrist.com

Cat Vranjes, Feed Grains
Office: 651-747-6922 • Cat@naturesorganicgrist.com





**Ancient Grain,
Organically Grown**

#kamut www.kamut.com



BOOK YOUR BIN TODAY!

THAT GUYS FAB SHOP INC.

Bruce Boyum
406-945-0876

Matt Boyum
406-945-1968

- Hoppers come with rack & pinion traps and manway.
- Full "house" style aeration and skid available. No need for concrete!
- Custom hopper bottoms for existing grain bins.
- 12-ft. to 27-ft. available.
- 21-ft. and larger built in 2 pieces for ease of hauling. Bolt together at farm.
- Built with heavier material than our competition.
- NEW Westeel bins available.
- Overhead feed bins available.
- Check us out at ThatGuysFabShop.com or on Facebook.
- Built locally at 3910 US Hwy 2 West, Havre, MT

SENTINEL

We now sell and build Sentinel Buildings.

livestock and processing inspector, contracting with certification agencies from California to Pennsylvania and 22 states in between. He holds a B.S. in Environmental Science from Montana State University, Bozeman.

Dave Prather has been the General Manager for Western Montana Growers Coop (WMGC) since the beginning of the 2010 growing season. He first joined WMGC as a member/producer in 2007 in order to find a market for his root vegetables and joined the staff in 2008 as the Assistant Manager/ Delivery Driver. Once at WMGC, he quickly found a venue for his training in agriculture and relationship building to promote the growth of small farms in the area. Dave holds a BS in Resource Conservation from the University of Montana and has been pursuing interests in agriculture and resource management for over 15 years. He has completed HAACP training as well as On Farm Food Safety / GAP training. Dave hopes to continue using his experience to help promote a regionalized food system in Montana that focuses on collaborative relationships in order to benefit the rural economies of Montana.

Bob Quinn planted his first certified organic crop in 1986 on his farm near Big Sandy. The entire farm was certified organic by 1991. He introduced an ancient wheat to the organic market in 1986 and now it is sold under the Kamut trademark throughout the world. In April of 2018 he leased out his farm to two employees who are continuing to farm it organically. He helped organize the conference that is the subject of his presentation at this year's MOA conference. His first book, *Grain by Grain, A quest to Revive Ancient Wheat, Rural Jobs and Healthy Food*, which he wrote with co-author, Liz Carlisle, will be published in March of 2019.

Shelly Rolando is a Chief Agricultural Program Specialist with USDA Farm Service Agency (FSA) in Bozeman, Montana. FSA assists farmers and ranchers with stabilizing income, conserving land and recovering from natural disasters. Shelly oversees the Risk Management Division for the Montana FSA, which



Diamond Seed

- ◆ Certified Wheat Seed
- ◆ Certified Organic

Delivery Available

406-851-8726

administers ARC-PLC disaster and compliance programs through a network of 48 local FSA offices across Montana. Shelly began her career with FSA in 1999 as an administrative program technician in the state office; an office clerk in the Gallatin County FSA Office in Bozeman where she was promoted to program technician; served as a part-time certified milk and cream tester with Darigold Farms of Montana; promoted to Agricultural Program Specialist in the state office managing several risk management programs; and in 2011, promoted to her current position as chief program specialist. Shelly previously served as a farm worker, research aide, and laboratory technician at the MSU Agricultural Experiment Station. She graduated from MSU with a bachelor's degree in Animal Science.

Matthew H. Romsa is a fifth generation farmer/rancher of Laramie County, Wyoming, where his ancestors homesteaded in 1906. Romsa's farming/ranching operations consist of dryland organic hard red winter wheat, proso millet, and yearlings. Romsa holds degrees in diesel mechanics, business administration, accounting and law. His favorite activities are enjoying the great outdoors with his wife and children.

Dave Sands and coworkers have had success in biocontrol of one of the worst weeds in Africa, witchweed (*Striga*), (the toothpickproject). He is able to raise the virulence (effectiveness) of pathogens by selecting for their heightened amino acid excretion, a safe and effective technology. He is now working on bindweed and thistle. Dave is author of over 150 reviewed publications and teaches Intro to Biotech at MSU, as well as in a few courses in Plant Pathology. He has received a Gates grant for his work in Africa. David receives funding from OAEC for his research efforts.

Jim Sargent is an Auctioneer and the News and Sports Director with STARadio, Great Falls. Jim "Sarge" Sargent can be heard on KINX 102.7 FM and midmorning and early afternoons on 1049, the Wolf. Sarge grew up on a farm south of Chester. He worked in production agriculture

2018 Conference Program



Stewards of the Land

Organic pulses, grains, oilseeds,
broadleaves & new agrarians

"When we see land as a community to which we belong,
we may begin to use it with love and respect... That
land yields a cultural harvest is a fact long known, but
latterly often forgotten." *Aldo Leopold, 1948*

www.vilicusfarms.com

406-394-2469



EcoTea™

APPROVED FOR ORGANIC
PRODUCTION BY PRO-CERT:



**USING
FULL
SPECTRUM
BIOLOGY**

FOR SOIL & CROP HEALTH

AVAILABLE THROUGH

**TOP
HORIZON**

Contact **Robert Galarneau**
Saskatchewan Distributor
306-869-7869
tophorizon@sasktel.net

growing wheat and barley and raising cattle. He also worked with Cargill elevators, buying and shipping grain. Sarge has been in the radio business at all levels for more than 25 years. He has received a number of awards for sports broadcasting in addition to being recognized by the FFA Foundation and the 4-H Foundation for his work supporting the Future of Agriculture. Sarge has been married to his lovely wife of 34 years, Sue Sargent, who is a retired teacher that educated kids for over 34 years.

Jeff Schahczenski is an agricultural and natural resource economist with NCAT and he has over 30 years of experience working on issues related to sustainable and organic agriculture, with a recent interest in risk management and federal policy. He wrote and help developed an OREI grant project entitled, Is Organic Farming Risky? : Overcoming and Understanding Crop Insurance Barriers to Expanding Organic Food Production and Markets. He previously worked on a four-year national research project to develop a Microsoft Windows-based and a

Web-based interactive decision support tool for farmers and ranchers. This tool helped motivate use of a whole farm revenue crop and livestock insurance product called Adjusted Gross Revenue Lite (AGR-Lite). Schahczenski has presented research results from this project at dozens of state and regional conferences. He was the project director for a 10-partner national project, which examined the limitations of conservation programs as they relate to sustainable and organic production systems. He was also the recipient of the Montana Organic Association's 2013 Leadership in Organics Award.

Margaret Scoles serves as Executive Director of the International Organic Inspectors Association (IOIA), maintaining the IOIA office in Broadus since January 1999. IOIA is a global nonprofit membership association of organic inspectors with primary activities of inspector training and promoting integrity in the organic certification process. She has 29 years of organic inspection experience for different certifiers, including

FREE online tutorials
on soil health, produce safety, and more



attra.org/tutorials

How can ATTRA help you?
Trusted technical assistance for your ag challenges



ATTRA
SUSTAINABLE AGRICULTURE



Serving wholesale markets
with local produce, meats, dairy,
eggs, grains, and more since 2003

www.wmgcoop.com

local is delicious!

inspection of farms, livestock, and processors. She served on the Steering Committee of IFOAM- North America, a regional affiliate of IFOAM Organics International. She holds a B.S. in Agriculture (Agronomy Major) from the University of Arizona. Margaret and her husband manage a cow / calf operation in southeastern Montana.

Christina Skonberg is a Senior Sustainability Analyst at General Mills, where she leads the sustainable ingredient sourcing strategy for Annie's, Cascadian Farm, Epic Provisions and Muir Glen. Focusing on farm-level impact in the supply chain, Christina works to measure and drive continuous improvement in soil health, biodiversity, and farmer economic resilience. Prior to joining General Mills, Christina worked with the Good Food Foundation and SCS Global Services, where she coordinated the Starbucks responsible coffee sourcing verification program across Latin America, Asia, and Africa. Christina received bachelor's degrees in Agricultural Science and Brazilian

Studies from Brown University, and an MS in Agriculture, Food, and Environment from Tufts University.

Dr. Jane Smith, MD and her husband, Mark Smith, established their certified organic grass-fed beef operation, Aspen Island Ranch, 12 years ago after rebuilding their health from the devastating effects of toxic mold. Now retired from Pediatric and Integrative Medicine, Dr. Smith weaves her decades of experience into her speaking, writing, and coaching.

Janet Smith is a Montana State Farm Loan Program Specialist with USDA Farm Service Agency (FSA) based in Great Falls. Montana FSA assists farmers and ranchers with farm programs and loans across the state. Janet began her career as an Assistant County Supervisor for Farmers Home Administration. She was transferred to Havre, then promoted to County Supervisor in Helena. She currently works as a Farm Loan Manager in Great Falls, assisting people across the state with loan making and

YOUR FIELDS, HEALTHY FLOUR, NATIONS FOOD!

SERVING THE BAKING INDUSTRY SINCE 1972!

A MONTANA COMPANY!

ORGANIC SINCE 1980!


GROWING TOGETHER!

MONTANA MILLING INC.

www.montanamilling.com





(800) 548-8445

SUSTANE NATURAL FERTILIZERS
IMPROVES SOIL QUALITY
& INCREASES YIELDS



SUSTANE
Naturally...

For inquiries please contact:
 Greg Naffz, Sales Manager West
 (530) 823-9636 or (800) 352-9245
 help@sustane.com • www.sustane.com

servicing agricultural loans. She has 33 years of lending experience and is a graduate of MSU with an Ag Business degree and a minor in Animal Science. She grew up on a ranch near Livingston, Montana. She and her husband, Grant, have two children.

Claudia Stephens began working for the Montana Migrant and Seasonal Farmworkers Council in 1987. Her present role includes grant writing, assisting in program management, and outreach. MMSFC provides capacity to address the needs of migrant and seasonal agricultural farmworkers. She was part of the team that was nationally recognized by the National Committee for Quality Assurance in achievement of MMSFC's patient centered care method and has also been recognized by the USDA Self-Help program for her work to keep families in their own homes. She has provided expert testimony at the federal level for the Health Care Plan Task Force. The purpose of her work is to increase access to health care and other services necessary for migrant and seasonal agricultural farmworkers and other rural families living in poverty, to reach their individual potential. She has served on a number of community, state and national boards, supporting access to basic human needs. She graduated from the School of Journalism at the University of Montana, Missoula.



A series of reports about farm tools tested by Montana farmers to enhance their specialty crop production and help others make informed decisions about their businesses



**To read the reports, visit
farmlinkmontana.org/fieldtested**

Jan Tusick has a strong background in agriculture, finance and capitalization, networking and marketing. She received her certification as a Cooperative Development Specialist through Cooperation Works and completed the National Development Council Economic Development Finance Professional training. She has effectively facilitated cooperative groups in their business development and assisted emerging cooperatives with business and market planning, capitalization, and feasibility analysis. In previous positions, Jan worked with entrepreneurs and start-up businesses in acquiring venture capital for their companies.

Georgana Webster has a BS degree in Animal Science from Cal Poly University. She has been deeply involved in her work and private life with agriculture, livestock production, livestock judging, 4H, FFA, and agriculture extension. This includes commercial livestock production management in swine, dairy, and sheep. Georgana has conducted clinical and research activities as a Staff Research Associate with the U.C. Davis Veterinary Teaching and Research Center. Georgana came from the Washington State Department of Agriculture's Organic program where she worked for eight years as their Organic Livestock Field Specialist in two states.

David Wise is an Independent Contractor, GAP Internal Auditor/On Farm Food Safety Specialist with Montana Farmers Union/ National Farmers Union Food Safety Collaborative. He is a certified food safety trainer and has worked with many farms throughout Montana on food safety plans and has conducted numerous internal audits.




ensuring a lasting future for generations to come through sustainable agriculture

**Leading Ingredient Supplier of
Certified Organic Beans, Grains & Seeds**

Anyone interested in contracting their new crop,
please contact us.

We believe in supplying only the highest quality organic products and contributing to sound environmental practices that will improve the quality of life and the environment.

Mountain High Organics, Inc. • New Milford, CT 06776
Phone: 860.210.7805 • Fax: 860.210.7837
website: www.mhoinc.com • email: info@mhoinc.com
A division of Mountain High Organic Inc., producers of:







Be an Organic Rock Star: Volunteer with MOA!

*Come to where the action is!
Get involved with MOA and to get to
know the organic community.*

*Got some skills?
We can always use help
with committees; especially the
Farm Tour, Newsletter, Policy, and
Conference Committees.*

Please contact MOA at 406-333-1054
or email Patti at
moamembership@gmail.com.

MOA's website is
www.MontanaOrganicAssociation.org

Image by iStock/karandev



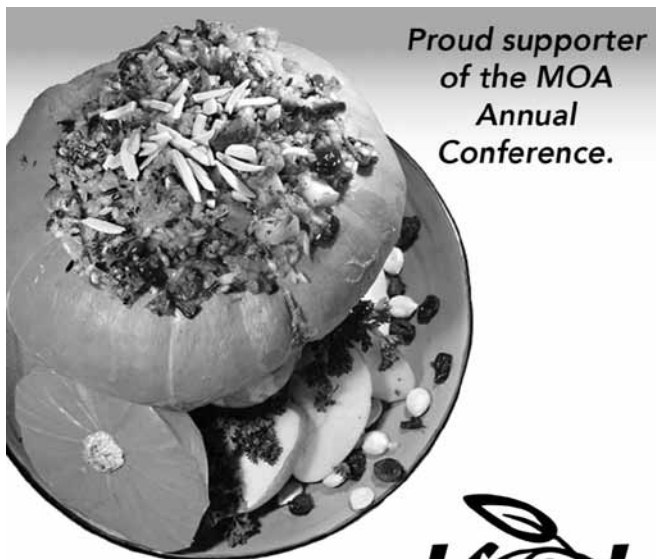
Thank you!

Thank you for supporting and responding
to the 2017 Census of Agriculture!

Results will be released
February 21, 2019




U.S. Department of Agriculture
National Agricultural Statistics Service



*Proud supporter
of the MOA
Annual
Conference.*

real food
Market & Deli

**Providing organic Montana products that support
personal health and planetary well-being.**

LOCALLY OWNED SINCE 1975

1096 Helena Avenue Helena, Montana • (406) 443-5150
Open Mon-Sat 8-8; Sun 9-7 • facebook.com/RealFoodStore

Global Organic Alliance, Inc.



**3185 Township Road 179
Bellefontaine, OH 43311**

Phone: (937) 593-1232

Email: goaorg@centurylink.net

Website: www.goa-online.org



**Lake County Community
Development Corporation**
Mission Mtn. Food Enterprise Center



Empowering communities to nurture and promote a more sustainable Montana. We envision a future where all Montanans have access to clean energy, healthy food, sustainable agriculture, and a network that provides leadership, resources and advocacy.

www.aeromt.org

**Proud Supporters of
Organic Agriculture in Montana**



**U.S. Department of Agriculture
Farm Service Agency (FSA) - Montana**

P.O. Box 670 | Bozeman, MT 59771

Visit online at: www.fsa.usda.gov/mt

USDA is an equal opportunity provider, employer and lender.



**Montana State University
Extension Economics**

P.O. Box 172800 | Bozeman, MT 59717

Visit online at: www.montana.edu/extensionecon

*Montana State University Extension is an ADA/EO/AA/Veteran's
Preference Employer and Provider of Educational Outreach.*

A black and white photograph of a modern Challenger tractor, viewed from the front-left. The tractor is white with black accents and has "Challenger" written on the side of the hood. In the top left corner of the image, there is a logo for "TRACTOR EQUIPMENT CO." with "CAT" and "AGRICULTURAL DIVISION" below it. At the bottom of the image, there is a block of text: "PUT YOUR OPERATION ON THE RIGHT TRACK WITH A NEW OR USED CHALLENGER AND THE PARTS & SERVICE TO SUPPORT IT." Below this, there are three locations and phone numbers: "BILLINGS, MT • GREAT FALLS, MT • WILLISTON, ND" followed by "406-256-0707", "406-761-7900", and "701-572-8377" respectively.

TRACTOR EQUIPMENT CO. CAT
AGRICULTURAL DIVISION

**PUT YOUR OPERATION ON THE RIGHT TRACK
WITH A NEW OR USED CHALLENGER AND THE
PARTS & SERVICE TO SUPPORT IT.**

BILLINGS, MT • GREAT FALLS, MT • WILLISTON, ND
406-256-0707 406-761-7900 701-572-8377



Secure your market.

Now seeking organic hay and forage growers.

- ✓ Spot market and production contracts for grain and hay
- ✓ Cooperative member benefits and resources
- ✓ Potential market opportunities across the country

Contact our Farmer Hotline

888-809-9297 | www.farmers.coop



Jack Rhodes
Broker/owner
Residential Real Estate Specialist
406-438-2249

Darrold Hutchinson
Realtor
Montana Certified Organic Farmer
Agricultural/Commercial Property Specialist
406-265-2166
Cell-406-265-0955



**United States
Department of Agriculture**

**Natural Resources
Conservation Service**

Helping People Help the Land

USDA is an equal opportunity employer and provider.



We are excited to be a sponsor here at the MT Organic Association Conference. We welcome you to stop by and visit us at our booth. From the entire staff at Pulse USA, we hope you enjoy the conference!

**Organic Field Peas
OMRI Seed Inoculants
Heads Up® Biological Seed Treatment
Faba Beans, Lentils, HRSW
Cover Crop Seed & Blends
Forage Seed & Blends
Wildlife Blends**

**We are currently looking for organic seed
growers to join our grower network!**

**Please stop by our
booth or call us to learn more.**

2002 Northern Plains Drive Bismarck, ND 58504
www.pulseusa.com 701-530-0734



**FRESH
MARKET**

*We Support our local organic farmers and producers.
Thanks for all your help!*

While you're in town stop by for all your organic needs.
We have a large selection of bulk foods, natural product groceries, and supplements. Check out our full service fresh produce and meat departments. We also carry a nice assortment of gluten free, vegetarian, and organic items. We support local producers and products whenever possible.

Locally Owned & Operated

**Store Hours: Mon thru Sat 9am-8pm • Sun 10am-7pm
105 Smelter Ave NE • Great Falls, MT 59404 • 406-761-0134
Visit Us Online: www.2jsfreshmarket.com**



Each MOA membership level delivers a quarterly newsletter devoted to sharing the latest news and information about the association and the organic industry, discounts to MOA events and the annual conference, special mailings on legislative alerts and events, and the networking and educational opportunities presented by joining others who share interest and experience in the field of organics.

Other member benefits include eligibility for a Workman's Comp premium discount, safety training, and other services to assist you in your organic endeavors. The business level categories offer discounts on advertising in our print publications and an online directory listing on the MOA website. The Lifetime Membership gives you permanent access, listings, discounts and the satisfaction that you're supporting the farmers, ranchers, processors, distributors, retailers, students and researchers who make organic food available and accessible.

Use the sign up form on the right or visit our website at www.MontanaOrganicAssociation.org/joinus.htm.

*Advocating and Promoting Organic Agriculture
for the Highest Good of the People, the Environment
and the State's Economy.*

www.montanaorganicassociation.org

www.facebook.com/montanaorganic

moamembership@gmail.com

(406) 333-1054

Sign me up as a MOA Member!

Name: _____

Farm or Business: _____

Address: _____

City/State/Zip: _____

Phone: _____

Email: _____

Type of Work: _____

Annual Membership Levels:

- ☐ Individual.....\$30
- ☐ Household.....\$50 (includes two memberships)
- ☐ Farm/Ranch/Business....\$75 (includes two memberships, a 5% discount on newsletter ads and a website directory listing)
- ☐ Organic Business.....\$250 (includes two memberships, a 10% discount on newsletter ads and a website directory listing)
- ☐ Lifetime.....\$750 (includes two memberships, a 10% discount on newsletter ads and a website directory listing)
- ☐ Lifetime Business.....\$2500 (includes two memberships, a 10% discount on newsletter ads and a website directory listing)
- ☐ Publication/Media.....\$500 (includes full page, quarterly newsletter ads, a website directory listing, and full media coverage)
- ☐ Silver (-5%).....\$1650 (includes two memberships; full page, quarterly newsletter ads; a website directory listing; full media coverage; two conference registrations & conference lunch sponsorship)
- ☐ Gold (-10%).....\$2000 (includes two memberships; full page, quarterly newsletter ads; a website directory listing; full media coverage; two conference registrations & conference dinner sponsorship)

Please fill out this form,
make check payable to MOA and mail to:
MOA, PO Box 9823, Kalispell, MT 59904
(406) 333-1054

PATENT PENDING



controls grass and weeds... naturally

NON-SELECTIVE BROAD-SPECTRUM ALL NATURAL HERBICIDE

Unique broad spectrum organic herbicide made from Eugenol, an essential oil of clove and unique proprietary powerful bio surfactant that helps translocate the herbicide materials through the plant.

Weed Slayer can be applied to control grass and weeds. Residuality has been observed on some plants up to 8 weeks.



Weed Slayer Exempted
from EPA Registration
(FIFRA 25(b))



Distributed By
Soilcraft, Inc.
2300 E Zillah Drive
Zillah, WA 98953

509-853-6600 | 509-607-6076 | 509-314-9227



A good source of financing. And knowledge.

We provide more than money. From webinars to workshops, the team at Northwest Farm Credit Services readily shares knowledge and insights with our customer-members – a practice we believe is good for individuals and agriculture as a whole.

Learn more at northwestfcs.com/resources.

406.265.7878 | northwestfcs.com

Equal Housing Lender
This institution is an equal opportunity provider and employer.

Here to Help You Grow®