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## **Contents**

Thank You to Our Sponsors.	4
Eco Farm Days 2018 "Adaptation"	5
COG-OSO Programs and Activities	7
KEYNOTE PRESENTATION	
Farming for Resilience: Choices, Challenges and Opportunities in a Changing Climate	9
ANIMALS	
From Amber Waves to Market: Organic Grain Quality, Molds and Mycotoxins	11
Fodder Production 101	12
Non-Antibiotic Treatment of Ruminant Livestock	13
Ontario's Proposed New Grassfed Dairy Standard Discussion Group	14
Multi-Species Grazing	15
PLANTS	
Moveable Greenhouses and "Wind Watering" in Greenhouses	17
Seed Saving and Crop Selection as Plant Breeding and System Development	18
Organic Garlic Production in a Diverse Market Garden System	19
SOILS AND FERTILITY	
Reduced Tillage and Crop Fertility	21
Diversity and Carbon: Linking the Critical Keys that Build Resilience in the Farm Ecosys	tem 22
Adaptive Plant and Soil Health Management for Pest and Disease Resistance	23
OTHER	
Focus Group: Small Scale Supports Under Organic Regulation	25
How Your Farm Can Support Native Pollinators	26
Accounting for Climate Change: Using Trees-on-Farm Projects to Successfully Adapt the "Traditional" Farm	
SUNDAY PROGRAM	
Holistic Livestock Management	29
The Permaculture Market Garden	29



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# ECO FARM DAYS 2018 "ADAPTATION"

Year-to-year, season-to-season; day-to-day, farmers adapt. They adapt to a changing environment, to changing social and political environments, and to quickly changing economic trends around "organic" farm products.

Eco Farm Day 2018 will present some of the ideas conjured by the term "Adaptation":

- How farmers can successfully adapt to both large scale and small scale organic production.
- How the soil ecosystem adapts to change and how we can use that to cope with, and even mitigate, the effects of a climate change
- How farmers can adapt production practices to increase efficiency, season availability, reduce energy consumption, promote functioning farm ecosystems, and more.

We are honoured to host a slate of real down-to-earth, honest-to-goodness, nitty-gritty organic farmers at Eco Farm Day this year. Those descriptions hold true despite including such high-profile speakers as Mary-Howell and Klaas Martens, Zach Loeks, and Suzanne Nelson and Dr. Hubert Karreman.

Sponsors and exhibitors are equally important in making Eco Farm Day a perennial success. They not only provide revenue to the conference to pay expenses and keep registration costs down, but also make a long-standing contribution to the success of the local organic farming community through their day to day work. This year the Organic Producers Advisory Committee of the Dairy Farmers of Ontario has made it possible for the Karremans to present on Saturday as well as for a full day on Sunday.

There are many other volunteers who help organize Eco Farm Day. It is fun and rewarding, but a lot of work. It is important to acknowledge them here. However, many hands make light work, so please contact **ecofarmday@cog.ca**, or put your name in at the registration table, if you want to join the team.

Alain D'Aoust TRADE SHOW
Connie Horbas REGISTRATION

Barbara Koch PHOTOGRAPHY, FOOD PROCUREMENT

Erin Krekoski PROGRAM
Taylor Krekoski TECH SUPPORT
Matt Lalonde REGISTRATION

Colin Lundy PROGRAM, PUBLICITY
Stephanie Pelot GRAPHIC DESIGN
Lloyd Strachan SPONSORS

Rob Wallbridge PROGRAM

Gary Weinhold TRADE SHOW, FOOD PROCUREMENT

We also like to take this opportunity to thank Cathy Winter and her staff at the Ramada for their patience and professionalism; and chef Joginder Khalsa, whose buffet lunch is lauded year after year.

Please take a few moments to complete the Eco Farm Days Evaluation Sheet your input is essential!

We welcome your ideas for future topics.



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# COG-OSO PROGRAMS AND ACTIVITIES

Canadian Organic Growers (COG) is a national volunteer, charitable organization formed in 1975 to promote education on organic food, farming and gardening. It is the only national organization with this mandate. The Ottawa-St. Lawrence-Outaouais chapter (COG-OSO) provides education and support in Eastern Ontario and Western Quebec. Some of our programs and activities include:

## **Growing Up Organic**

A program which connects school-age children to organic food and farming by promoting school gardens in Ottawa and the region, organic food in schools and learning from farmers.

#### **Seniors Organic Gardeners**

Working with retirement residences COG-OSO helps seniors keep active, break isolation, and improve their living environment by participating in organic gardening activities.

## **Organic Gardening Seminars**

Every Spring COG-OSO offers gardening seminars in Ottawa appropriate for backyard gardeners as well as apartment dwellers.

### Organic Demonstration Garden at Ottawa Experimental Farm

COG-OSO maintains an organic demonstration garden at the Experimental Farm to help the public understand the principles of organic gardening.

#### **Eco Farm Days**

This annual two-day event held at the end of February features a theme speaker, a dozen workshops and a large Trade Show focussed on sustainable/organic farming.

#### **Feast of Fields**

This is a Fall celebration of local organic food bringing regional farmers and chefs together to serve tempting dishes made from local produce to the public.

#### **Other Activities**

The COG-OSO display booth is present at over 25 events in Ottawa and the larger chapter region every year. Visit our website for additional information on what COG-OSO does and for the most recent news and activities on local organic food go to http://cog.ca/ottawa/

#### **Volunteer Opportunities**

As a volunteer not-for-profit COG-OSO has various volunteer opportunities available. Speak to one of our volunteers or contact us at cog.oso.chapter@gmail.com for more information.

## **COG Membership**

Support the organic movement by becoming a COG member – visit **www.cog.ca** for more information.

COG-OSO sends out a monthly email newsletter on all things organic in our region and beyond. To join our mailing list, contact cog.oso.chapter@gmail.com.

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## KEYNOTE PRESENTATION

## Farming for Resilience: Choices, Challenges and Opportunities in a Changing Climate



PRESENTERS:

#### Mary-Howell and Klaas Martens

Lakeview Organic Grain lakevieworganicgrain.com

Mary-Howell and Klaas Martens farm about 1400 acres of organic grains and vegetables, and own Lakeview Organic Grain seed and feed mill in the Finger Lakes region of New York.

For over 20 years, Klaas and Mary-Howell Martens have farmed organic grain crops and livestock with their 3 children in Penn Yan, NY. Now, their adult son, Peter Martens, farms with them. Klaas and Mary-Howell have also been involved in numerous national organizations and advisory committees, including the OFRF Board of Directors and the Farm Foundation Soil Renaissance (Klaas), and the NOFA-NY Board of Directors, USDA Advisory Committee on 21st Century Agriculture (AC21), the Cornell CALS Deans Advisory Committee (Mary-Howell). They have written numerous articles for Acres USA, New Farm and other publications. Mary-Howell is in the Lakeview office every day, preparing rations, scheduling feed deliveries, maintaining accounts, paying bills, and generally being mom. Klaas works on the farm everyday, but is often on call at Lakeview, advising and assisting with facility repair and upgrade, and providing agronomic assistance to customers.

As markets, climate, technology, and generations change, Klaas and Mary-Howell are actively incorporating many changes on their farm to make it more resilient and agile. They will discuss the importance of soil health, diversification of crop rotations and cover crops, emerging new markets, sustainable energy and technology options, the generational transfer of farm operations to their oldest son, their experiments with organic no-till, and a new model for cropping cooperation between clusters of farms. Change is always challenging, but it also presents many exciting and energizing opportunities that can make a farm more resilient, adaptable and diversified.

NOTES:	



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## The organic sector needs "a bunch" of champions. Farmers, marketers, economists, environmentalists, food scientists, and more. The University of Guelph's new Certificate in Organic Agriculture is available to all undergraduate students. It's creating more opportunity for students to explore their interests and graduate with specialized knowledge for a career in the organic sector. IMPROVE LIFE.

## From Amber Waves to Market: Organic Grain Quality, Molds and Mycotoxins



PRESENTER:

Mary-Howell Martens Lakeview Organic Grain

See page 9.

Growing the crop is only part of the equation – selling a product that is truly worth the organic premium price should be our goal. From the perspective of 20 years buying organic grains from local farmers for Lakeview Organic Grain, an animal feed and seed operation, Mary-Howell will discuss the challenges of harvesting, handling, cleaning, storing, and selling organic grain crops for quality, along with some experienced insights on emerging market opportunities, organic fraud, and organic integrity.

NOTES:

## **Fodder Production 101**



PRESENTER:

## Samantha Klinck Funny Duck Farms www.funnyduckfarms.com

After selling for many years at the farm gate and an organic market in Ottawa, Samantha now runs Canada's first Certified Organic year-round soybean-free Whole Farm CSA Program. Samantha also takes part in numerous speaking and teaching engagements each year, on farm workshops, and offers farm consulting. She is the author of Farrow to Finish: Pigs on Your Organic Farm, a guidebook about raising pastured pigs from farrow to finish using organic methods.

Have you ever wondered how Fodder Production works? Fodder is an innovative type of feeding in which grains are sprouted and then fed to livestock. In this session you will learn how this innovative feed system can work on your farm. Funny Duck Farms uses fodder feeding on their farm, and recently won the Premier's Award for Innovation for their fodder feeding system. Join Samantha Klinck as she shares how the system works, what the benefits are, what animals it's suitable for, how to get started, what infrastructure and inputs are needed, type of grains, labour, trouble-shooting, scaling to different types of operations, and the costs/savings benefits.

NOTES:

## Non-Antibiotic Treatment of Ruminant Livestock

NOTES:



This session will focus on allowed organic treatments for conditions commonly encountered. Case studies will include both prevention and treatments mainly for dairy cows and calves as well as some cases for sheep and goats. Mastitis, uterine infertility, pneumonia, lameness, internal parasites, digestion and metabolic conditions will be covered. Treatment protocols will include allowed synthetics along with botanical, biologic and homeopathic remedies to create effective integrative therapy for your animals.

PRESENTER:

## **Dr. Hubert Karreman** *Reverence Farms and Café*www.drhubertkarreman.com

Dr. Hubert Karreman is a 1995 graduate from the University of Pennsylvania School of Veterinary Medicine. He is a dairy veterinarian and independent educator of organic veterinary medicine based in Lancaster, Pennsylvania. His practice is limited to internal medicine. He is an internationally recognized expert in the non-antibiotic treatment of infectious disease and non-hormonal treatment of infertility. He completed a 5-year term on the USDA National Organic Standards Board (2005-2010), serving 3 years as Chair of the NOSB Livestock Committee. In 1999-2000 Dr. Karreman was on the AVMA Taskforce for Complementary and Alternative Veterinary Medicine (CAVM), which wrote the current AVMA Guidelines on CAVM.

## Ontario's Proposed New Grassfed Dairy Standard Discussion Group



PRESENTER:

**Dr. Hubert Karreman** *Reverence Farms and Café*www.drhubertkarreman.com

See page 13.

With the growth of the grass-fed milk market, some Ontario organic dairy producers feel it would be in the organic dairy farmers' best interest to have all organic milk shippers adhere to DFO's proposed grass-fed standards. With extensive experience as a dairy cow veterinarian and pasture-based farmer, Dr. Hubert Karreman provides unique insight into what this would mean for organic producers, their farms, their herds, and their consumers.

NOTES:

## **Multi-Species Grazing**

NOTES:



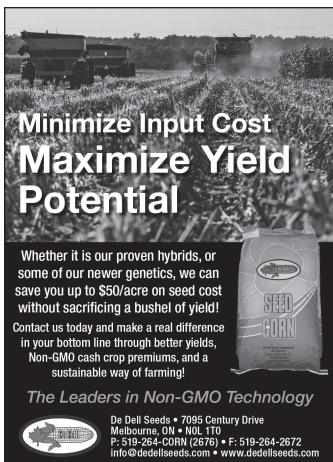
Presenter:

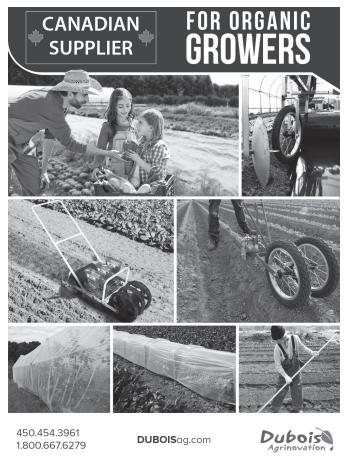
Suzanne Nelson Karreman
Reverence Farms and Café
www.reverencefarmscafe.com

Suzanne Nelson Karreman oversees operations on her family's livestock farm in Saxaphaw, N.C. She was previously an investigative reporter in Washington, D.C. covering money in politics and the inner workings of Congress. She now runs a multi-faceted family business that also includes a farm-to-table café. Her passion is breeding Jersey cows and restoring the land they graze.

We will share ideas and methods of multi-species grazing: grain-free, grass-fed dairying with diversified income stream from integrated beef/dairy herd; utilizing a nurse herd to raise replacements and veal calves; co-grazing cattle and sheep; pigs for pasture renovation; integrating layers, broilers, and turkeys into rotation; guard dogs; turning cut-over forest into pasture and importing inexpensive fertility; telling our story and marketing through a off-farm cafe. What we've tried, what works, what we've learned, and where we are going.







## **PLANTS**

## Moveable Greenhouses and "Wind Watering" in Greenhouses



Presenter: **Gerry Stephenson**Drumlin Farm

www.drumlinfarm.ca

The Stephensons purchased their 85-acre farm in 1998. The arable land was rented to a conventional farm group, so they planted trees and native perennials on the remaining 40 acres while studying and learning about organic farming. This took on a sense of urgency when one of their children was diagnosed with an inoperable brain tumour. After a year of treatment, including radiation, and organic food, the tumour was destroyed. Their struggle to find good, local, organic food spurred them to grow their own.

The action plan for Drumlin Farm included: Sue looking after the windbreaks and rehabilitation planting; and Gerry taking courses, joining organizations and touring farms operated by Eliot Coleman, Joel Salatin, Daniel Brisebois and others. As Drumlin Farm built its reputation, diversity and soil, more and more acreage was added to the growing space. The Stephensons operated a year-round CSA program from 2010 to 2017. Their produce is currently sold in Guelph and at the farm. They have been Organic Certified for 8 years.

At Drumlin Farm we like to experiment and try to perfect techniques, although, if you own a farm, you know that isn't possible. We try new equipment regularly, experiment with pest and climate control, have movable greenhouses, renovated the basement of our bank barn to be an inspected kitchen and storefront, installed a UV system on our pond-sourced irrigation system, and drilled a new well that is wind-powered to enable us to water our big hoop houses.

This session will look at how we increase our growing area and extend our growing season using movable greenhouses. We will also discuss how a wind powered irrigation system is used to water the crops in these greenhouses.

NOTES:

## **PLANTS**

## Seed Saving and Crop Selection as Plant Breeding and System Development



Presenter:

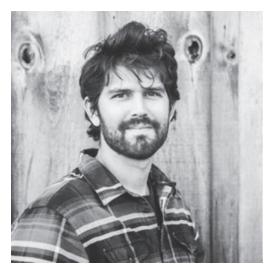
## Telsing Andrews Aster Lane Edibles www.asterlaneedibles.ca

Telsing Andrews owns the small seed house Aster Lane Edibles that works to provide unique plants including forgotten (by many) vegetables and new takes on old standards. Be inspired to take your seed saving efforts to the next level with this presentation on the art and science of plant breeding. Explore some of the Aster Lane Edibles' many projects including growing clonally propagated crops like sweet potatoes from true seed, trialing unusual crops for Eastern Ontario like chufa and skirret, and selecting more robust borderline crops like cabbage and sweet peppers to not only thrive to marketable harvest but also to produce a bounty of seed for further selection.

NOTES:

## **PLANTS**

## Organic Garlic Production in a Diverse Market Garden System



Presenter:

#### Zach Loeks

Kula Permaculture Farm Instagram – Facebook @zachloeks

Zach Loeks is an educator, designer/consultant and farmer in Ontario. He grew up in New Mexico on a Permaculture homestead and now runs Kula Permaculture Farm, a Certified Organic and off-grid Permaculture farm in the Ottawa Valley. Part of the operations and production at Kula is growing and selling organic garlic seed. Zach teaches soil science at Algonquin College and runs workshops on and off the farm on topics ranging from organic gardening, root cellaring and garlic production to off-grid living, edible landscaping and whole farm design/management. His book, The Permaculture Market Garden, shares his method for permaculture gardening, property design and a vision for the future of food. His research and farming practices work to integrate diversity, conserve soil and maximize farm ecosystem services without jeopardizing productivity. His next book is about the transition of entire communities and regions towards profitable, healthy and sustainable agro-ecosystems through small means and methods that bring about big change.

This is an intermediate level workshop and assumes basic knowledge about growing garlic.

Garlic is an amazing crop! Each bulb is food, medicine, and seed. Why is garlic such a unique crop? How does garlic balance well into the garden or market garden for space/time/energy? What are the best techniques for successful organic production? This workshop explores garlic from seed to seed by following its production cycles over 12 months, including the importance of garlic diversity, seed selection, pest and disease, harvest, curing, and an in-depth discussion of Permabed management for Organic garlic production.

NOTES:

## The organic sector just keeps growing ... Thinking of transitioning to organic?

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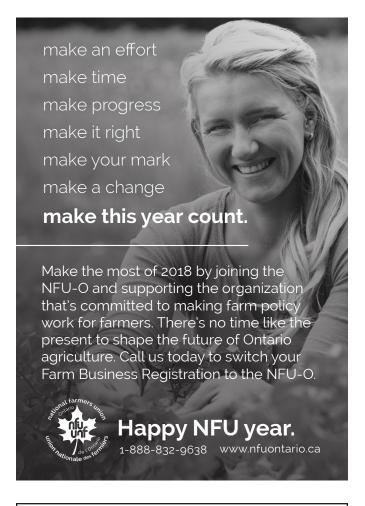
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## SOILS AND FERTILITY

## **Reduced Tillage and Crop Fertility**

other issues related to successful organic crop production.



Presenter: **Klaas Martens** *Lakeview Organic Grain*See page 9.

NOTES:	

Klaas has been experimenting with the system of 'organic no till' for the past 5 years as a way to control weeds without cultivation in organic soybeans. He will discuss the variables, equipment, and results of these experiments, with suggestions for improving the system. He also will discuss soil health, soil fertility management, and

## SOILS AND FERTILITY

## Diversity and Carbon: Linking the Critical Keys that Build Resilience in the Farm Ecosystem



Presenter:

Joel Williams
Integrated Soils
www.integratedsoils.com

Joel Williams is an independent plant and soil health educator and consultant; a healthy soils advocate and presenter on soil biology, plant nutrition and integrated approaches of sustainable farming. Joel studied a Bachelor of Agricultural Science in Australia specialising in plant and soil dynamics and he has a keen interest in managing microbial ecology and crop & soil nutrition to optimise plant immunity and soil function. He has worked more recently throughout the UK & Europe and integrates soil chemical & biological assessments, along with plant nutritional analyses as a joined-up strategy for managing crop production. He has a passion for teaching and sharing both scientific and practical knowledge on agroecological growing practices and he is currently based in Canada finishing an MSc in Food Policy.

Diversity is a defining characteristic of a healthy, functioning ecosystem and our agricultural ecosystems are no different. Farmscapes must mimic landscapes. Creating mixed, layered and multi-functional enterprises of numerous agroecosystems within the one farm, is therefore fundamental. This translates across every scale of the farm – a greater diversity of grazers, poultry, trees, perennials and annuals all ultimately contribute toward a greater diversity of life within the soil. It is these interactions between the above ground and below ground diversity that is vital to first capturing, then storing, carbon in the soil. This presentation will outline the many functions and benefits of soil organic carbon and the central contribution it makes toward soil [and planetary] health. We will conclude with an outline on the key strategies to build and manage soil organic carbon for both agro- and eco- system benefit.

NOTES:

## SOILS AND FERTILITY

## Adaptive Plant and Soil Health Management for Pest and Disease Resistance



Presenter:

Joel Williams Integrated Soils www.integratedsoils.com

See page 22.

How we view insect and disease problems influences how we deal with them. Shifting from 'controlling' to 'managing' our pest populations is an important premise of agroecological production systems. Applying a pesticide [organically approved or otherwise] may well be an important strategy to alleviate a suffering crop in the short term; however, this is merely symptom treating and is only half of the equation. The longer-term strategy to address the underlying root cause of the problem is still required. After all, the pest pressure is most certainly not simply due to an absence of pesticide! Hence, some other imbalance must be present elsewhere. This leads us to the questions... What is a healthy plant? How and why are healthy plants more resistant to pest pressure? How do we practically manage plants to support their natural immunity during each unique growing season? The answer of course, lies in the soil...

NOTES:

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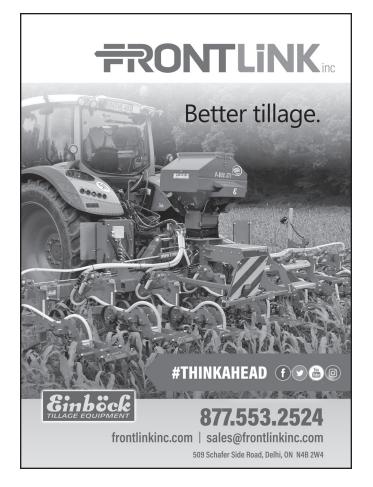
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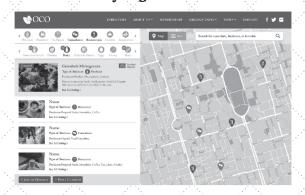
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## THERE'S A NEW WAY TO FIND ORGANIC IN ONTARIO!

The Organic Council of Ontario has released a beta version of its Ontario Organic Directory online. All certified organic businesses in Ontario will automatically be included in the directory for free.

Non-certified farms, processors, and businesses that serve the organic sector can join by becoming a Supporting Member of OCO.

#### directory.organiccouncil.ca



#### ARE YOU ON THE MAP?

Visit organiccouncil.ca/membership or contact membership@organiccouncil.ca to join.



## **OTHER**

## Focus Group: Small Scale Supports Under Organic Regulation



Hosted by:

## Carolyn Young Organic Council of Ontario

Carolyn Young is the new Executive Director of the Organic Council of Ontario. Since joining OCO, she has placed renewed emphasis on campaigning for an organic regulation in Ontario. Prior to joining OCO, Carolyn worked as the Director of Sustain Ontario, the alliance for healthy food and farming. Together with member organizations, she advocated for the support of healthier food systems through education, network development and collaborative action. Successes of the alliance include the passing of *The Local Food Act*, increased spending on *Ontario Student Nutrition Programs*, the creation of the *Artisanal* and *Local Niche Market Chicken Programs* and the introduction of a Pollinator Strategy that restricts neonicotinoid pesticides as one of its pillars.

Before Sustain, Carolyn had over 6 years of experience working on food, farming and environmental policy issues. She has worked on farms and farming issues in four provinces in addition to visiting farms across Canada and abroad as an Independent Organic Inspector.

Ontario currently does not regulate the use of the term "organic" on products that are traded within the province and that do not bear the Canada Organic Logo. The Organic Council of Ontario partnered to introduce Bill 153, the Organic Products Act, with two MPPs from the NDP and PC parties this September. The bill has passed second reading and the Ontario government conducted "listening sessions" with the organic sector in December 2017.

As we move closer to closing this regulatory gap in the province, we also want to engage with producers to make sure certification is accessible and inclusive. OCO is hosting a focus group session to hear from you on how best to ensure fair and transparent labelling while making sure small-scale organic farmers are able and willing to certify. Come share your feedback on a made-in-Ontario small-scale solution!

NOTES:

## OTHER

## **How Your Farm Can Support Native Pollinators**



Presenter:

#### Kim Fellows Pollination Canada http://www.pollinationcanada.ca

Kim Fellows has worked part-time as the outreach coordinator for Pollination Canada, a project under the umbrella of Seeds of Diversity Canada, since 2011. Kim's related background includes a BScH and MSc in Biology from Queen's University, and past work at Harrow Research Station, Agriculture and Agri-Food Canada. Kim expanded the Bee Friendly Farming program into Canada from the United States, and co-chaired a task force of the same name for the North American Pollination Protection Campaign, for three years. Currently, Kim oversees a "Pollinator Fedge" project at a community garden and is active in her Bee City hometown of Kitchener, Ontario.

Why should we care about buzzing insects? Kim will draw you into the world of pollination, emphasizing how you can share your space with pollinators, especially bees, both native and domesticated.

NOTES:

26

## **OTHER**

## Accounting for Climate Change: Using Trees-on-Farm Projects to Successfully Adapt the "Traditional" Farm



Presenter:

## **Todd Leuty** *Ontario Ministry of Agriculture, Food and Rural Affairs*

Todd Leuty is Agri-forestry Specialist with the Ontario Ministry of Agriculture, Food and Rural Affairs since 1997, integrating tree-based industries of orchard horticulture and forestry. Areas of focus include: commercial tree nut horticulture, maple syrup production, sugar bush and maple orchard management, Christmas tree production, renewable wood energy, environmental projects promoting windbreaks and shelterbelts for crop and soil protection, riparian protection and prevention of spray drift.

Todd began working with the Ontario Ministry of Agriculture, Food and Rural Affairs at Harrow as Horticultural Crops & Pest Management Specialist of commercial fruit orchards, small-fruit and wine grapes from 1987 to 1997. Todd obtained B.Sc. and M.Sc. degrees in 1984 and 1988 from the University of Guelph in orchard horticulture then integrated pest management in viticulture (wine grape and table grape production).

Wide adoption of trees-on-farm projects, such as orchards and shelterbelts, can help resolve the inevitable challenges brought on by climate change by protecting soil, crops and buildings. They can also help to mitigate climate change by increasing annual organic amendments and the capacity of soil to store more carbon. At the same time, integrating trees into the farm provides other ecological and economic benefits from renewable wood products, food crops, as well as habitat for beneficial organisms such as pollinators and pest predators. We will explore various integrated innovations that orchard and plantation farmers have developed, by combining pasture trees with cover crops for livestock grazing, and by combining fruit, nuts and/or sugar maple orchard management with annual cash crop production to supply farm retail markets and pick-your-own operations.

The objective of the presentation is to provide numerous examples and descriptions of successful farms, where integrated trees-on-farm practices are working – for the environment, for protection and for profit.

NOTES:

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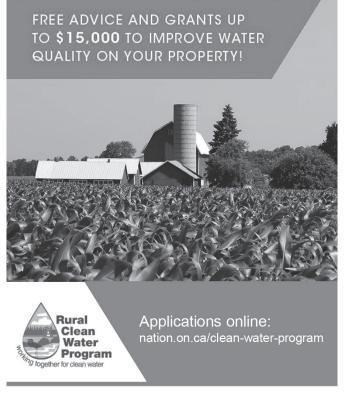
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## SUNDAY PROGRAM

Join us for one of these full day workshops, 9:00am to 4:00pm

-1-

**-2-**

## Holistic Livestock Management

Presenters:

Dr. Hubert Karreman and Suzanne Nelson Karreman

For anyone raising livestock, animal health is a top priority. Not only do we want our animals' life to be contented, but healthy livestock also means easier management, lower expenses and better products. Veterinarian Dr. Hubert Karreman is widely-recognized as an authority on holistic and complementary livestock care and is probably best-known for his work in the organic dairy sector. He and his partner Suzanne Nelson Karreman pasture 7 types of livestock, as a single cohesive system, on about 400 acres of land in North Carolina.

During this day-long workshop, they will address health management strategies for organic, pasture-based farms. The Karremans want this intensive workshop to be largely driven by the participants in the room, and topics may include preventative health care, alternative treatments, breeding for specific traits, pasture management, conversion of woodlands to pasture, multispecies grazing, nurse cows, grass-fed production, direct marketing and more!

This workshop will appeal to livestock producers, veterinarians, nutritionists, and anyone with an interest in sustainable livestock production. For more information about the Karreman's farm and business, please visit www.reverencefarmandcafe.com.

This workshop is made possible through contributions from the Organic Producers Advisory Committee of the Dairy Farmers of Ontario.

## The Permaculture Market Garden

Presenter: **Zach Loeks** 

Zach has spent the last year traveling the world presenting the ideas from his book The Permaculture Market Garden, as well as honing ideas for the next book which he is already working on. He is an energetic and dynamic speaker, and is literally illustrative, drawing and designing as part of his presentation approach.

- Introduction to Permaculture & Farm Ecosystem Services
- Whole Farm Mapping & Holistic Planning
- Design Management & our Permabed System

This workshop covers key concepts from Zach's book The Permaculture Market Garden. It starts with a crash course in natural science, then builds understanding of ecosystem services, and proceeds with techniques for mapping and designing your farm to fit within a property's environmental reality. It continues with holistic planning to balance your business and delves into routine improvement of your soil through brown brain Investment. This workshop culminates by outlying our Permabed system for patterning efficient garden diversity and how it serves as a framework for agro-ecosystem design. Immerse yourself in our farm design process and the possibilities for simplifying and improving your farm business or homestead.

## **Exhibitors**

Absolute Results - Penergenics www.penergetic.ca

**Agricorp** www.agricorp.com

Canadian Organic Growers - OSO Chapter

www.cog.ca/ottawa

Centre for Systems Integration www.csi-ics.com

Collège La Cité www.collegelacite.ca

**Community Futures Development Corporation** 

www.mycommunityfutures.ca

Champion Industrial Equipment www.cie-eic.com

**DeDell Seeds** www.dedellseeds.com

**DuBois Agrinovation** www.duboisag.com

Earth Alive www.earthalivect.com

**Earth Haven Learning Centre** 

www.earthhavenlearning.ca

**Eastern Ontario Training Board** www.eotb-cfeo.on.ca

**EcoCert Canada** www.ecocert.com

**Ecological Farmers of Ontario** www.efao.ca

FBC Canada www.fbc.ca

Front-Link Inc. www.frontlinkinc.com

**Heritage Livestock Club of Eastern Ontario** 

www.heritagelivestockclub.com

Homestead Organics www.homesteadorganics.ca

**Jerry Cummings Painting** 

www.jerrycummingspainting.com

Just Food www.justfood.ca

**Kosroots Community Empowerment Projects** 

www.kozroots.ca

Multi Shelter Solutions sheltersolutions.ca

NFU-Ontario www.nfuontario.ca

Nutrivert (2003) Inc. www.nutrivert2003.ca

OMAFRA www.omafra.gov.on.ca

Ontario Agricultural College/University of Guelph

www.uoguelph.ca/oac

Ontario Federation of Agriculture www.ofa.on.ca

Organic Council of Ontario www.organiccouncil.ca

**Organic Crop Improvement Association - Canada** 

www.ocia.org

**ProCert organic Systems Ltd.** www.pro-cert.org

Professional Investments www.pro-invest.ca

**South Nation Conservation Authority** 

www.nation.on.ca

**Spread-X** www.spreadx.ca

TCO Cert www.tcocert.ca

**Thompsons Limited** www.thompsonslimited.com

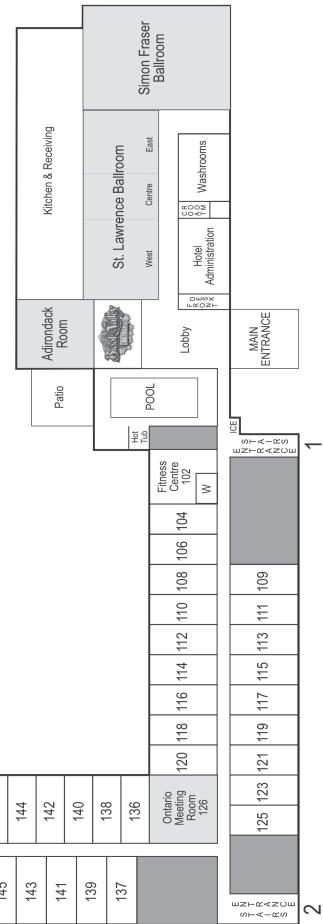
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# Eco Farm Day 2018: Adaptation Saturday, February 24, 2018

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8:00			Registration and Trade Show Setup	dı	
9:00-	Welcome & Opening K	Welcome & Opening Keynote: <b>Farming for Re</b> i	Resilience – choices, challenges and opportunities in a changing climate Mary-Howell and Klaas Martens St. Lawrence Ballroom	s and opportunities in a	changing climate
		VIS	VISIT THE TRADE SHOW – Simon Fraser Ballroom	Ballroom	
	ANIMALS	rs	PLANTS	SOILS AND FERTILITY	OTHER
11:00	Organic Grain Quality, Molds and Mycotoxin Mary-Howell Martens	Fodder Production 101 Samantha Klinck	Moveable Greenhouses and "Wind Watering" in Greenhouses Gerry Stephenson	(11:00 – 12:30) Crop Fertility and Reduced Till Klaas Martens	(11:00 – 12:30) Small Scale Supports under Organic Regulation
		St Lawrence West	Adirondack	St Lawrence East	Ontario
			12:00 – 2:00		
			LUNCH AND TRADE SHOW		
	(1:30 – 3:00)	(00:	(1:30 – 3:00)		
2:00	Non-Antibiotic Treatment of Ruminant Livestock Hubert Karreman	Treatment .ivestock reman	Seed Saving and Crop Selection as Plant Breeding and System Development	<b>Diversity and Carbon:</b> Joel Williams	Using Trees-on-Farm Projects to Adapt to Climate Change Todd Leuty
ш	St Lawrence East	e East	Telsing Andrews <b>Ontario</b>	St Lawrence West	Adirondack
			VISIT THE TRADE SHOW		
3:30	Multi-Species Grazing Suzanne Nelson Karreman	Ontario's Proposed New Grassfed Dairy Standard Hubert Karreman	Organic Garlic Production in a Diverse Market Garden System $Zach Loeks$	Adaptive plant and soil health management Joel Williams	How Your Farm Can Support Native Pollinators Kim Fellows
4:30 pm	St Lawrence East	Dundas	Adirondack	St Lawrence West	Ontario
			VISIT THE TRADE SHOW		
2:00			Trade show closed		