Recycle your Organics • Return Life to our Soils

National Organics Recycling Conference 2019

September 25 - 27, 2019 • Guelph, Ontario

Welcome • Bienvenue

PRESENTATIONS • TOURS • TRAINING • EXHIBITS

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Recycle your Organics • Return Life to our Soils
29th Annual National Organics Recycling Conference
September 25 – 27, 2019
Guelph, Ontario • www.compost.org

CONFERENCE AT-A-GLANCE

Tuesday September 24th
Bonus Tours Meet in Lobby at 8:45AM, departure at 9AM.

Wednesday September 25th
Facility Tours Meet in Lobby at 7:45AM, departure at 8AM. Welcome Reception at 8PM in Exhibit Area.

Thursday September 26th
Exhibit Hall (Oakwood Ballroom) opens at 8:00AM.

9:00-11:30AM Opening Plenary: Welcome Remarks & Soil Health and The Importance of Compost

11:30-12:15PM Lunch

12:15-1:00PM AGM of The Compost Council of Canada

1:00-2:30PM I. The Economics of Compost on the Farm II. Advances in Organic Matters

2:30-3:00PM Coffee & Refreshment Break

3:00-4:30PM I. Research Matters II. Emerging Solutions

4:30-5:30PM How to Get Compost Certified for Use on Organic Farms

5:45PM Industry Dinner - Buses leave from lobby. Casual dress.

Friday September 27th
Exhibit Hall (Oakwood Ballroom) opens at 8:00AM.

8:45-10:30AM Organics Recycling and Soil Health on the Green Agenda & IC&I Leaders

10:30-11:00AM Coffee & Refreshment Break

11:00AM-12:30PM I. Anaerobic Digestion: Program Developments To-Date II. Maintenance and Safety Considerations

12:30-1:30PM Lunch

1:30-3:00PM I. Compost & Innovation in Food Production II. Updates in Large-Scale Organics Programs

3:00-4:00PM Soil Health and the Organics Recycling Industry

4:00-4:30PM Closing Reception

4:30-6:00PM Meeting of the National Board of Directors of The Compost Council of Canada
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TOURS! TOURS! TOURS!

TUESDAY SEPTEMBER 24th – BONUS TOUR DAY (additional fees apply)
An unique opportunity to discover the depth of research and learning resident at the University of Guelph and with associate partners of direct impact to advances in organics recycling and compost use.

Our tours will include visits to the:

- University of Guelph Soil Interpretive Centre
- Guelph Centre for Urban Organic Farming
- Honey Bee Research Centre
- Guelph Turfgrass Institute
- Bioproducts Discovery and Development Centre

Please meet in the lobby of the Holiday Inn at 8:45am for our 9am departure. We anticipate our return arrival being 5pm. Casual dress.

WEDNESDAY SEPTEMBER 25th - MAIN TOUR DAY
Sponsored with Thanks by MOLOK North America

An exciting day of tours to greet the day! Please meet in the lobby of the Holiday Inn at 7:45am for an 8am departure. ALSO – Please remember to bring your safety gear – boots, hard hat, safety glasses & vest.

We will be visiting both anaerobic digestion and composting facilities with the final stop being Molok North America, manufacturers of the Molok Deep Collection™ system, the original semi-underground waste containment system.

Here’s where we will be visiting:

CITY OF GUELPH ORGANIC WASTE PROCESSING FACILITY

Guelph’s state-of-the-art Organic Waste Processing Facility (OWPF) processes Guelph’s organic waste into nutrient-rich compost. Designed to handle 30,000 tonnes of organic material annually, the citizens of Guelph contribute approximately 10,000 tonnes of organic residuals annually through their greenbin collection program with other Ontario municipalities also directing their organics to the facility for processing, contributing to the facility’s operating and capital costs. In addition to the in-vessel composting operations, the facility has an education centre on waste diversion, helping to provide visitors with an understanding of how Guelph’s organics, recyclables and garbage are collected and processed while also providing waste minimization suggestions.

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Bio-EN Power

Bio-EN Power’s Anaerobic Digestion facility, located in an urban industrially-zoned property in Elmira, currently processes 70,000 tonnes annually with an awaiting permit amendment to increase capacity to 110,000 tonnes. The biogas produced is converted into electricity and sold into the Ontario grid. The facility’s digestate, certified for use in organic farming, is marketed to area farmers as a licensed agricultural fertilizer.

Ross Enterprises Turkey Farm

Ross Enterprises is the only licensed non-organic free-range turkey producer in Ontario. An advocate of soil health and sustainable farming, Buck Ross, the 5th generation of this farm family operation, incorporates innovation into his operations, whether through solar panels (helping make his farm hydro-energy-positive), investment in Bio-EN Power or testing oats, radish and turnips as winter cover crops, to name a few.

All Treat Farms

All Treat Farms, a subsidiary of Walker Environmental and division of Walker Industries, is one of the largest soil blending and packaging facilities in Ontario. A founding member of the Compost Quality Alliance, All Treat Farms is amongst the oldest compost operations in Canada, diverting thousands of tonnes of leaf & yard as well as household & industrial organic residuals annually. The compost produced is incorporated into a range of premium lawn care and garden soil amendments which are sold both at retail and in bulk.

Molok North America

Since 1999, Molok North America has been providing semi-underground waste containment systems that have been extensively incorporated in a variety of municipal, residential and commercial settings to handle all waste streams including recycling, cardboard, organics and grease. As the final stop on our tour day, we will be visiting their manufacturing operations and enjoying a 20th anniversary celebration with them.

Our Annual Welcome Reception will be held in our Conference’s Exhibit Area at the Holiday Inn beginning at 8pm, following our return from Molok North America.
THURSDAY SEPTEMBER 26th
Exhibit Hall will open at 8AM. Enjoy some coffee and refreshments while you visit our exhibitors.

Opening Plenary
9:00-11:30AM

WELCOME
Cameron Walsh, City of Guelph

SOIL HEALTH AND THE IMPORTANCE OF COMPOST
Regenerating the Diversity of Life in Soils - Hope for Farming, Ranching, Environment and the Climate!
Dr. David Johnson, New Mexico State University
Soil Health and Sustainable Food Production
Ralph Martin, Professor Emeritus, University of Guelph
Recycling Organic Waste for Regenerative Agriculture: the Humaterra Experience
Koenraad Duhem, Humaterra

Lunch and Annual General Meeting
11:30AM-1:00PM

Concurrent Sessions
1:00-2:30PM

I. The Economics of Compost on the Farm
Staying Ahead of the Curve with Compost
Jon Gingerich, Schlegel Poultry Compost
Using Compost and Cover Crops
Buck Ross, Ross Enterprises Turkey Farm
Bio-Sul: A Breakthrough in Value - Added Compost
Dan Aberhart & Neil Wiens, Aberhart Ag Solutions

II. Advances in Organic Matters
The Good Green Death Project
Susan Koswan, Good Green Death Project
Putting Insects to Work within the Circular Economy for Organic Residuals
Louise Hénault-Éthier, David Suzuki Foundation
Composting Methods for the Inactivation of Pathogens in Response to Animal Health Disease
Edward Malek, Canadian Food Inspection Agency
Concurrent Sessions
3:00-4:30PM

I. Research Matters
Field Trials with Biostimulants
Christine Brown, Ontario Ministry of Agriculture, Food and Rural Affairs
Effects of Organic Amendments on Soil Health and Phosphorus Chemistry
Dr. Yuki Audette, University of Guelph
Understanding Compost Properties for Urban Tree Planting
Jason Henry, Vineland Research Station

II. Emerging Solutions
Innovations to Mitigate Collection Challenges and Increase Efficiency
Tim Corcoran, Molok North America
News From the Contaminant Coalface: Pristine Yukon Environment and Canadian Organic Standards Drive Developments in Separation Technology and Contaminant Metrics
Garret Gillespie, Boreal Compost Enterprises
Ongoing Development in Certified Compostable Products
Isaul Lopez, BASF Canada

Plenary Session
4:30-5:30PM

How to Get Compost Certified for Use on Organic Farms
Carolyn Young and Simon Jacques, Organic Council of Ontario

The Annual Conference Dinner
A casual evening and dinner at the Farm...
Buses will leave following the wrap-up of presentations.
Get ready for a great time.
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FRIDAY SEPTEMBER 27th
Exhibit Hall will open at 8AM. Enjoy some coffee and refreshments inside while you visit our exhibitors!

Plenary Session
8:45-10:30AM

ORGANICS RECYCLING AND SOIL HEALTH ON THE GREEN AGENDA
MPP Mike Schreiner

IC&I LEADERS
Maximizing Waste Diversion at a Public Venue From the Ground-Up
Sarah Jones, Exhibition Place

How to Improve Data Communication
to Achieve Higher Organic Waste Diversion Rates in the Retail Food Sector –
A Case Study at Metro
Alexis Fortin, Metro Inc.

Coffee/Refreshment Break 10:30-11:00AM

Concurrent Sessions
11:00AM-12:30PM

I. Anaerobic Digestion: Program Developments To-Date
Biogas Progress – RNG, Vehicle Fuel and Other Developments
Jake de Bruyn, Ontario Ministry of Agriculture, Food and Rural Affairs

From Design to Implementation: Anaerobic Digestion at Work
Chris Guillon, Stormfisher Environmental

Analysis of Digestates from Ontario AD Facilities
Chris Duke, Ontario Ministry of Agriculture, Food and Rural Affairs

II. Maintenance and Safety Considerations
The Importance of Maintenance:
Four Key Strategies to Sustain Lasting Improvements
Ted Dirkx, Vermeer Corporation

Nuisance Odour Reduction:
A Case Study with Potential for the Compost Industry
Hi Thompson, MTS, Melissa Annett, RWDI and Brad Bergeron, RWDI

Fire Prevention at Compost Facilities
Larry Conrad, Compost Council of Canada

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FRIDAY SEPTEMBER 27th
(continued)

Lunch, Exhibitors
12:30-1:30PM

Concurrent Sessions
1:30-3:00PM

I. Compost & Innovation in Food Production

Impact of Long-Term Application of CQA-Tested MSW Compost
Lord Abbey, Dalhousie University

Food Forests: The Future of Agriculture
Paul Wartman, Many Rivers Permaculture

Zero Budget Natural Farming with Compost
Owen Goltz, Riverdale

II. Updates in Large-Scale Organics Programs

Toronto’s Organics Facilities – A Five Year Review
Nadine Kerr, City of Toronto

Organics Collection from High-Rise Buildings – Project Update
Emily Alfred, Toronto Environmental Alliance

City of Guelph’s “Smart Cities” Application and Process
David Gordon, City of Guelph

Organic Waste Recovery Projects in Major Cities:
From Hong Kong to Montréal
Arnaud Sommain, Suez

Closing Plenary and Reception
3:00-4:30PM

Soil Health and the Organics Recycling Industry
Dr. David Johnson, New Mexico State University

MEETING OF THE NATIONAL BOARD OF DIRECTORS OF THE COMPOST COUNCIL OF CANADA
4:30-6:00PM

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