

join us for

ONTARIO PHOSPHORUS RESEARCH FOR TODAY'S FARMING

AN AGRICULTURAL FARM TOUR

28 AUGUST 2019 • 8:30 AM

WATERSHED CONSERVATION CENTRE
1424 CLARKE ROAD, LONDON

How can the latest on-farm research affect farm decisions in Ontario?

An interactive day of presentations and farm tours presented by:

Prof. Merrin Macrae, University of Waterloo

Upper Thames River Conservation Authority



limited space available!

RSVP

Send your name, title, organization/affiliation, and
indicate any food allergies to:

Harriet Bigas (harriet.bigas@uwaterloo.ca)

RSVP deadline: 23 August 2019

No registration fee!

Light morning refreshments and lunch provided

Transportation provided for the farm tour

*This event qualifies for five CEUs in soil & water
management*

A showcase of the latest research addressing current and future agriculture-water related challenges in the Upper Thames watershed

Event generously sponsored by:



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HAVE YOU GOT A HANDLE ON PHOSPHORUS?

There is a lot of talk about the connection between phosphorus and water quality, but what does it mean for farmers in their day-to-day decisions? University of Waterloo Prof. Merrin Macrae and Michael Funk from the Upper Thames River Conservation Authority are teaming up to offer a one-day workshop and farm tour to help certified crop advisors and industry players better understand the latest science on phosphorus loss.

We will discuss:

- **The state of the science:** what we know about phosphorus pathways, from field to tile to stream
- **The effectiveness of BMPs:** cover crops, tillage, 4Rs and erosion control
- **Location and soil type:** the importance of geography and soil characteristics in selecting conservation practices

The farm tour will offer a sneak peak into three research plots that demonstrate how researchers:

- Work with producers and agencies to conduct research studies
- Measure phosphorus loss in the field
- Monitor at the watershed scale
- Determine the impact of P on stream health and the ability of streams to adapt

GRAIN FARMERS OF ONTARIO PROGRAM



- 8:30 *Registration*
- 9:00 Welcome and Introduction
- 9:15 Part 1: Latest science on phosphorus loss**
Prof. Merrin Macrae and Michael Funk
- 10:30 Break**
- 10:50 Part 2: Strategies to reduce phosphorus loss**
Prof. Merrin Macrae and Michael Funk
- 11:30 Discussion
- 12:00 *Lunch*
- 12:50 Part 3: Farm tour of research demonstration sites**
(Ilderton, Birr and Lucan)
- 4:00 Bus returns to Watershed Conservation Centre



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