

ONvegetables



Tuesday, July 12, 2016

GROW YOUR SOIL – BUILD YOUR PRODUCTIVITY

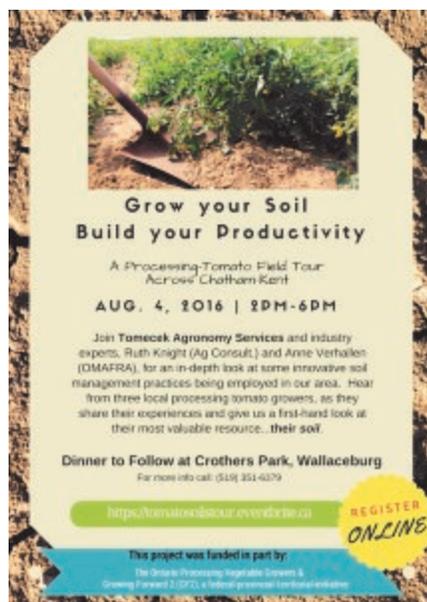
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“In This Issue”

- ◆ Grow your soil — Build your productivity
- ◆ Late blight update — July 10
- ◆ Soil Management Workshop



A processing tomato field tour across Chatham-Kent

August 4, 2016

2 pm – 6 pm

Join Tomecek Agronomy Services and industry experts Ruth Knight (ag consultant) and Anne Verhallen (OMAFRA) for an in-depth look at some innovative soil management practices being employed in our area. Hear from three local processing tomato growers as they share their experiences and give us a first-hand look at their most valuable resource ... their soil.

Dinner to follow at Crothers Park, Wallaceburg

For more information, call (519) 351-6379

Register online at <https://tomatosoilstour.eventbrite.ca>

This project was funded in part by: Ontario Processing Vegetable Growers and Growing Forward 2 (GF2), a federal-provincial initiative.

LATE BLIGHT UPDATE – JULY 10



To date, I know of no confirmed cases of late blight in Ontario, but it has been found on potato in Branch County, Michigan (south of Battle Creek). Nevertheless, our experience of recent years would indicate we are likely to see it in Ontario tomatoes at some point in the season.

Remember that conventional tomato growers using a recommended fungicide program for early blight, septoria leaf spot, and anthracnose, are also protecting the crop from late blight infection. Cloudy and high humidity or wet conditions are favourable for late blight. The pathogen prefers cool temperatures. The disease is suppressed by hot, dry weather, but it can continue developing and spreading when suitable conditions return.

If late blight is found in the area, tomato growers should:

- Tighten up spray intervals – During wet cool periods, a fungicide should be applied every 5 – 7 days to protect against late blight. If the weather conditions become dry, the spray intervals may be extended. Rotate late blight fungicide groups to manage fungicide resistance.
- Scout fields often. Know the symptoms. Refer to the Tomato Late Blight Photo Gallery(<https://onvegetables.com/2013/08/27/late-blight-photo-gallery/>) and Late Blight Look-Alikes(<https://onvegetables.com/2010/07/13/late-blight-look-alikes/>) for photos of late blight and possible look-alikes on tomato.

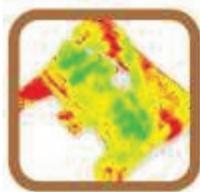
Past OMAFRA articles on tomato late blight are found under the late blight tag(<https://onvegetables.com/tag/late-blight/>). Please report any occurrences so that we can keep the tomato community informed about its development and spread and so that we can collect samples to learn about the strains, fungicide sensitivity, and the biology of this evolving disease.

Contact OMAFRA at 519-674-1690 or janice.leboeuf@ontario.ca if you suspect you have found late blight in Ontario. Those in the US can contact their state cooperative extension service or report online at <http://www.usablight.org/>. This helps us alert others of late blight in the region and if possible, we will try to collect samples for late blight researchers studying the disease.

Note: Organic producers may be interested in an article by Meg McGrath (Cornell University) on managing late blight in organically-produced tomato(http://vegetablemdonline.ppath.cornell.edu/NewsArticles/Tom_LB_OrganicMgt10.html). Note that crop protection products mentioned in her article relate to US registrations. Consult the Canadian labels and your organic certifier for registered products that can be used in organic production.

Tomato Late Blight Photo Gallery(<https://onvegetables.com/2013/08/27/late-blight-photo-gallery/>)

SOIL MANAGEMENT WORKSHOP



Thursday, September 1, 2016 (Register <https://onvegetables.files.wordpress.com/2016/07/brochure-soil-management-workshop-2016.pdf>] by Aug. 24)

London area, Middlesex

8:45 am – 3:30 pm

SOIL MANAGEMENT WORKSHOP

“Soil Health – Different Soils, Different Strategies”

Join the OMAFRA Soil Team as we delve into the wealth of information at your fingertips from soil maps and aerial photography to field interpretations. Explore the connections between soil health, soil type and management system to develop field specific strategies.

While still featuring soil pits and loads of hands-on, in-field activities, the workshop has been revised to offer new information and opportunities for repeat soil workshop participants.

Subject Areas Planned:

- Interpreting Soil Maps
- Soil Variability — Where and Why?
- Soil Biology
- Soil Health Diagnostics
- Soil Erosion: Managing Runoff

The program will feature both classroom exercises and in-field activities.

Cost: \$80.00 OR \$60.00 for Ontario Soil and Crop Members

Registration Includes:

Lunch — Refreshments — Reference Materials

- A confirmation letter and map to the meeting location will be sent by email/fax to all registrants.
- Dress appropriately (i.e., work boots, hat, bug spray, sun-screen).
- Bring your own KNIFE or SOIL TROWEL (larger equipment supplied).

For more information:

Contact the Woodstock OMAFRA Resource Centre at 519-537-6621

AGENDA

8:15 – 8:45 Registration

8:50 – 9:00 Welcome and Introduction

9:00 – 9:30 Area Soils and Introduction to the Farm

9:30 – 9:45 Travel by bus to the field

9:45 – 12:00 In field exploration of soils, soil challenges and variability

12:15 – 1:00 Lunch – catered

1:15 – 3:15 Infield exercises on drainage, soil structure, soil health, soil erosion control and soil management practices

3:30 Safe trip home!

Registration Deadline: Wednesday, August 24, 2016 Brochure and Registration Form(<https://onvegetables.files.wordpress.com/2016/07/brochure-soil-management-workshop-2016.pdf>)