



# ON vegetables

Tuesday, February 11, 2020

## OMAFRA Vegetable Team:

Travis Cranmer, Guelph  
519-835-3382  
travis.cranmer@ontario.ca

Tyler Blauel, Guelph  
519-766-5337  
tyler.blauel@ontario.ca

Andrew Wylie, Ridgetown  
519-401-5890  
andrew.c.wylie@ontario.ca

Cassandra Russel, Ridgetown  
519-350-7134  
cassandra.russell2@ontario.ca

## New crop specialists for the 2020 season

We would like to welcome Cassandra Russell and Andrew Wylie to the Vegetable Crops Team!

In the past Cassandra Russell worked in the OMAFRA-UofG Highly Qualified Personnel program. In this role, Cassandra worked directly with our greenhouse and field vegetable specialists to collaborate with growers and industry on research projects to address pepper weevil. As an entomologist, she has taken the reigns to successfully lead the Guelph Bug Day educational event to educate community members about insects. She is completing her M.Sc. in Environmental Sciences at the University of Guelph and holds a B.Sc. in Biological Sciences from the University of Guelph. Cassandra will join OMAFRA on **February 10, 2020** and can be reached at 519-350-7134.

Andrew Wylie has over 10 years experience in agricultural research focused on vegetable production. Andrew grew up growing vegetables and building his family's specialty mushroom operation. With a passion for vegetable production, Andrew co-founded Heritage Organic Research Co. Ltd. (Herio) in 2007, where he developed novel nutrition and IPM strategies that are being used in organic greenhouses across North America. During his Ph.D. at Simon Fraser University, Andrew developed a system to assess microbial biocontrols for organic vegetable production systems. Andrew holds a M.Sc. in Plant Science from the University of British Columbia and a B.Sc. in Microbiology from the University of Guelph. Andrew will join OMAFRA on **February 4, 2020** and can be reached at 519-401-5890.

Dennis Van Dyk will be returning as our root vegetable specialist **February 18, 2020**. We would like to thank Tyler Blauel for covering the root vegetable specialist position over the past few months!

If you are unsure who to contact or have a question about a crop that is not listed below, the Agriculture Information Contact Centre (AICC) is also a good place to start: 1-877-424-1300 or [ag.info.omafra@ontario.ca](mailto:ag.info.omafra@ontario.ca)

## "In This Issue"

- ◆ New crop specialists for the 2020 season
- ◆ 2020 Ontario Potato Conference & Trade Show
- ◆ Rootshield HC Biological Fungicide label expanded via Minor Use Program for suppression of Botrytis blight and root rot on Asian water spinach in Canada

## New crop specialists for the 2020 season...con't

### OMAFRA Vegetable Crops Specialists

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**Andrew Wylie**

Ridgetown

519 401-5890

[andrew.c.wylie@ontario.ca](mailto:andrew.c.wylie@ontario.ca)

sweet corn

cucumbers

melons

pumpkins

squash

beans

peas

asparagus

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**Cassandra Russell**

Ridgetown

519 350-7134

[cassandra.russell2@ontario.ca](mailto:cassandra.russell2@ontario.ca)

tomatoes

peppers

eggplants

sugarbeets

red beets

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**Travis Cranmer**

Guelph

519 835-3382

[travis.cranmer@ontario.ca](mailto:travis.cranmer@ontario.ca)

onions

garlic

leeks

celery

head Brassicas

leaf Brassicas

leafy greens

spinach

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**Dennis Van Dyk**

Guelph

519 766-5337

[dennis.vandyk@ontario.ca](mailto:dennis.vandyk@ontario.ca)

potatoes

carrots

rutabaga

turnip

parsnips

radish

horseradish

2020  
ONTARIO POTATO CONFERENCE & TRADE SHOW  
Thursday, March 5<sup>th</sup>  
Delta Hotel & Conference Center, Guelph



ontario  
potato  
board

#### PROGRAM

8:00am: Coffee & Muffins

9:25 a.m. **Welcome & Remarks.**

Shawn Brenn, Chairman, Ontario Potato Board.

9:30 a.m. **Optimizing Potato Emergence.**

Steve Johnson. Potato Specialist, University of Maine

10:00 a.m. **Enhancing Soil Health.**

Carl Rosen. Professor, Department of Soil Water and Climate, University of Minnesota

10:30 a.m. **Re-thinking Potato Foliar Fungicide Programs.**

Darin Gibson, GAIA Consulting, MB.

11:15 a.m.

#### TRADE SHOW

12:00 p.m.

#### LUNCH PROVIDED

1:00 p.m. **Reversing Declining Potato Yields: Local & Global Trends.**

Peter Vander Zaag. International Potato Research Scientist, Potato Grower & Breeder, Sunrise Potato, Alliston, ON.

1:30 p.m. **Colorado Potato Beetle Management with a Shrinking Insecticide Toolbox.**

Ian MacRae. Professor, Dept. of Entomology, University of Minnesota

2:00 p.m. **2019 Research Trials Update.**

Mark VanOostrum. Potato Supply and Quality Manager, WD Potato Ltd. Beeton, ON.

2:30 p.m.

#### COFFEE BREAK & TRADE SHOW

3:15 p.m.

**Take Action on Soil Compaction!**

Peter Johnson. Agronomist, Real Agriculture.

3:45 p.m.

**Update on Potato Products and on Crop Protection Regulatory Issues.**

Chris Duyvelshoff. Crop Protection Advisor, OFVGA, Guelph, ON.

4:05 p.m.

**CIPC Update.**

George Burkholder. Ag-Services Inc., Mitchell, ON.

4:25 p.m.

**Potato Breeding: An Industry Led Approach.**

Virginia Dickinson. Agriculture & Agri-Food Canada, NB.

4:40 p.m.  
FRENCH FRY BAR!

\*\*\*CCA Continuing Education Credits\*\*\*



2020  
ONTARIO POTATO CONFERENCE  
Thursday, March 5<sup>th</sup>  
Delta Hotel & Conference Centre  
50 Stone Rd W  
Guelph, ON. N1G 0A9  
Phone (519)780-3700

#### REGISTRATION

(Includes lunch, coffee breaks and parking)

Early Registration fee (received by February 28).....\$50

Registration fee at the door.....\$80

Name (s): \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

Postal Code: \_\_\_\_\_

Farm / Organization: \_\_\_\_\_

Please make your cheque payable to *Ontario Potato Board* and mail it with this registration form to:

Ontario Potato Board  
485 Washington St.  
Elora, ON  
N0B 1S0

# Rootshield HC Biological Fungicide label expanded via Minor Use Program for suppression of Botrytis blight and root rot on Asian water spinach in Canada

J. Chaput, Minor Use Coordinator, OMAFRA



The Pest Management Regulatory Agency (PMRA) recently announced the approval of a minor use label expansion registration for **Rootshield® HC Biological Fungicide** for suppression of Botrytis blight caused by *Botrytis cinerea* and root rot caused by *Pythium spp.*, *Rhizoctonia spp.* and *Fusarium spp.* on Asian water spinach in Canada. **Rootshield® HC Biological Fungicide** was already labeled for use on a wide variety of crops in Canada for control of several diseases.

**This is the first ever minor use on Asian water spinach (also known as tung choy, kankon, rao muong) in Canada and was submitted by Ontario as a result of minor use priorities established by growers and extension personnel.**

The following is provided as an abbreviated, general outline only. Users should be making pest management decisions within a robust integrated disease management program and should consult the complete label before using **Rootshield® HC Biological Fungicide**.

Crop(s)	Target	Rate (kg/ha)	Application Information
Asian water spinach (tung choy, kankon, rao muong)	Potting mix or soil drench for root rot ( <i>Pythium spp.</i> , <i>Rhizoctonia spp.</i> , <i>Fusarium spp.</i> )	55-110 grams per cubic metre of potting mix	Suspend RootShield® HC in sufficient water (eg. 30 – 45 g/100 L) to achieve uniform application and apply at the rate of 55 – 110 g per cubic metre (loose) of nursery potting mix, soil or planting beds
Asian water spinach (tung choy, kankon, rao muong)	Foliar spray for Botrytis blight ( <i>Botrytis cinerea</i> )	3.75 – 10 grams per litre of water	RootShield® HC should be applied preventatively prior to onset of disease. Apply every 7-14 days depending upon disease pressure.

**Do not apply or allow drift of Rootshield® HC Biological Fungicide to other crops or non-target areas. Do not contaminate off-target areas or aquatic habitats when spraying or when cleaning and rinsing spray equipment or containers.**

**Follow all other precautions, restrictions and directions for use on the Rootshield® HC Biological Fungicide label carefully.**

For a copy of the new minor use label contact your local crop specialist, regional supply outlet or visit the PMRA label site <http://www.hc-sc.gc.ca/cps-spc/pest/registrant-titulaire/tools-outils/label-etiq-eng.php>

Note: This article is not intended to be an endorsement or recommendation for this particular product, but rather a notice of registration activity