



Tuesday, February 02, 2021

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ZAMPRO Fungicide label expanded via Minor Use Program for management of downy mildew diseases on spinach and blackberries 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 **ZAMPRO® Fungicide** (ametoctradin + dimethomorph) for control of downy mildew on spinach and suppression of downy mildew on blackberries in Canada. **ZAMPRO® Fungicide** was already labeled for management of several diseases on a range of crops in Canada.

These minor use proposals were submitted by Agriculture & Agri-Food Canada, Pest Management Centre (AAFC-PMC) 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 disease management decisions within a robust integrated pest management program and should consult the complete label before using **ZAMPRO® Fungicide**.

Crop(s)	Target	Rate (L/ha)	Application Information	PHI (days)
Spinach	Downy mildew (control)	1.0	Begin applications of prior to disease development and continue on a 5 to 7-day interval. Apply in at least 200 L water per ha. Maximum of 3 applications per season.	0
Blackberries	Downy mildew (suppression)	0.8 – 1.0	Begin applications of prior to disease development and continue on a 5 – 7 day interval. The addition of a registered non-ionic surfactant at 0.125% v/v is recommended to improve disease control performance. Apply spray to obtain thorough and complete plant coverage. Maximum of 3 applications per season.	14

“In This Issue”

- ◆ ZAMPRO Fungicide label expanded via Minor Use Program for management of downy mildew diseases on spinach and blackberries in Canada
- ◆ Lalstop G64 WG Biological Fungicide label expanded via Minor Use Program for management of diseases on additional greenhouse/indoor-grown crops in Canada
- ◆ OFVC Educational Series: Live and Recorded Seminars

ZAMPRO Fungicide label expanded via Minor Use Program for management of downy mildew diseases on spinach and blackberries in Canada...con't

ZAMPRO® Fungicide is toxic to aquatic organisms. Do not apply this product or allow drift 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 ZAMPRO® Fungicide label carefully.

For a copy of the new minor use label contact your local crop specialist, grower association representative, regional supply outlet or visit the PMRA label site <https://www.canada.ca/en/health-canada/services/consumer-product-safety/pesticides-pest-management/registrants-applicants/tools/pesticide-label-search.html>

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

Lalstop G64 WG Biological Fungicide label expanded via Minor Use Program for management of diseases on additional greenhouse/indoor-grown crops 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 **Lalstop G64 WG Biological Fungicide (previously known as Prestop WG)** for suppression of soil-borne and foliar diseases on *greenhouse-grown eggplant, Asian water spinach, strawberries and indoor-grown cannabis* in Canada. **Lalstop G64 WG Biological Fungicide** was already labeled for use on several greenhouse-grown vegetables, herbs and ornamentals in Canada for management of these diseases.

These minor use projects were 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 pest management program and should consult the complete label before using **Lalstop G64 WG Biological Fungicide**.

Crop(s)	Target	Rate	Application Information
GH eggplant, GH Asian water spinach, GH Strawberries, Indoor-grown cannabis	Suppression of damping-off (<i>Pythium spp.</i> and <i>Rhizoctonia solani</i>) and crown and root rot (<i>Pythium spp.</i>)	Growing Media or Drench Application: Prepare an aqueous suspension of LALSTOP to 0.05% (see label instructions)	Treat the growing media prior to seeding, transplanting or potting, or else make a drench application immediately after seeding, transplanting or potting. Once seeds are sown or seedlings transplanted, additional applications can be made as a drench or foliar application. Always use an aqueous suspension of the product. Repeat applications every 3 to 6 weeks. Can also be used in hydroponic systems.
GH eggplant, GH Asian water spinach, GH Strawberries, Indoor-grown cannabis	Suppression of <i>Botrytis</i> stem canker and gray mold	Foliar Spray: Prepare an aqueous suspension of LALSTOP to 0.05% (see label instructions)	Apply preventatively the 0.05% aqueous suspension of LALSTOP to plant stems and leaves. Spray to wet but not to run-off. Repeat every 3 to 4 weeks. Can also be used in hydroponic systems.

Do not apply or allow drift of Lalstop G64 WG 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.

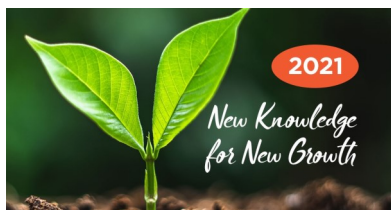
Lalstop G64 WG Biological Fungicide label expanded via Minor Use Program for management of diseases on additional greenhouse/indoor-grown crops in Canada...con't

Follow all other precautions, restrictions and directions for use on the Lalstop G64 WG 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 <https://www.canada.ca/en/health-canada/services/consumer-product-safety/pesticides-pest-management/registrants-applicants/tools/pesticide-label-search.html>

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

OFVC Educational Series: Live and Recorded Seminars



Recorded seminars are now available online

The OFVC is hosting an educational series of recorded and live presentations that are available for viewing at ofvc.ca. **Live sessions will be available during scheduled times and require advance registration.** If you are unable to participate in a live session, these presentations will be recorded and be posted at a later date.

For the full list of live, online events: www.ofvc.ca/events

For the full list of recorded videos: www.ofvc.ca/videos

Below are some seminars that may be of interest to vegetable growers:

FAIR: Fairness and Accountability in Retail Practices

January 28, 2021 | 12 pm – 1 pm

Michael Graydon, Food, Health & Consumer Products of Canada (FHCP)

The consolidation of the grocery retail sector in Canada has resulted in just five grocery retailers controlling over 80% of what consumers purchase in Canada. These retailers have adopted unfair and unethical business practices not seen or accepted in any other sector and have remained unchecked due to their power over suppliers. In 2020, new fees imposed by Walmart Canada and Loblaw Companies Ltd cost suppliers an additional \$1billion, paying for these retailers' expansion projects. These practices will now cost suppliers \$6 billion on an annual basis, inflating retailer profitability, with no return on investment or growth for suppliers and no value in reduced prices or innovation for consumers. Unfair practices by grocery giants threatens Canada's food production and supply chains, hurt consumers, and jeopardizes Canadian growth, jobs and COVID-19 recovery. Correcting this current business environment is imperative. Proven model such as the UK's Grocery Supply Code of Practice with a dedicated enforcement agency has shown significant success in restoring balance and fairness to the relationship between grocery retailers and their suppliers. Food manufacturers, farmers, suppliers and some retailers are calling for a UK-style code of conduct in Canada to address these unfair and unethical practices.

Video recording to be posted at www.ofvc.ca/videos soon

OFVC Educational Series: Live and Recorded Seminars...con't

Precision Agriculture: Development of Novel Tools for Crop Protection

February 1, 2021 | 12 pm – 1:00 pm

Speaker: Vojislava Grbic, Western University

The two-spotted spider mite (TSSM), *Tetranychus urticae*, is a global pest that feeds on more than 150 crops including soybean. In Ontario, it is an established pest on many greenhouse, horticultural and field crops. Integrated pest management (IPM) for TSSM involves monitoring the population and applying insecticides when thresholds are reached. TSSM pest pressure is especially high in dry years. With climate change, the TSSM pest pressure is expected to increase, predicting the need for the effective pesticide control of TSSM. Our pilot analysis identified mite resistance to many pesticides in most field TSSM populations tested, which correlates with pesticide inefficiency reported by farmers. To extend the useful life of the existing pesticides, we are developing TSSM pesticide resistance management tool. Because not all TSSM infestations are resistant to all pesticides, this tool will help growers to avoid pesticides that are unlikely to be effective and, in turn, will reduce crop losses. We are also paving the way for the development of new and different types of pesticides – an RNAi-based biopesticides.

Video recording to be posted at www.ofvc.ca/videos soon

Enhanced Agri-Food Workplace Protection Program – Apply Now for Funding

February 2, 2021 | 12 pm – 1:00 pm

Speaker: Bradley Shaw, OMAFRA

Funding is available through this program to help eligible farm businesses with expenses related to the COVID-19 response. Bradley Shaw from the Ontario Ministry of Agriculture, Food and Rural Affairs will provide an overview of the program, eligible expenses and how to submit your application. A question and answer period will follow the presentation.

Video recording to be posted at www.ofvc.ca/videos soon

COVID 19 Happened. Now What? The Pandemic's Legacy on the Fruit and Vegetable Industry

February 4, 2021 | 12 pm – 1 pm

Speaker: Dr. Sylvain Charlebois, Agri-Food Analytics Lab Dalhousie University

The United Nations declared 2021 as the 'International year of Fruits and Vegetables. What better time to stop and look where the sector is going! This session will look at the impacts of COVID on fruit and vegetable industries in Ontario and Canada as well as discuss the opportunities created. This will be a 1/2 hr presentation (including questions).

Live event and advanced registration required - www.ofvc.ca/events, recorded videos will be posted at www.ofvc.ca/videos.

WSIB and COVID-19: Here to Help in the Event of an Outbreak

February 10, 2021 | 12 pm – 1 pm

Speaker: Kendra Holliday-Bryant, WSIB

The Workplace Safety and Insurance Board understands that a COVID-19 outbreak can be an overwhelming experience for an agricultural business during these changing times. The WSIB is here to help. Please join Kendra Holliday-Bryant, Stakeholder Relations Manager for a session on how WSIB is able to work with you should you experience an outbreak. She will cover topics on reporting obligations, foreign agricultural worker policy, wage reimbursement, and the single point of contact process. The WSIB's goal when an outbreak occurs is to get you back to what is important to you, running your business.

Live event and advanced registration required - www.ofvc.ca/events, recorded videos will be posted at www.ofvc.ca/videos.

Access to Labour in 2021: Changes to the Temporary Foreign Worker Program

February 11, 2021 | 12 pm – 1 pm

Speaker: Stefan Larass, OFVGA

Labour in 2021 – questions answered about changes to the Temporary Foreign Worker Program.

Live event and advanced registration required - www.ofvc.ca/events, recorded videos will be posted at www.ofvc.ca/videos.

Safe Food for Canadians Regulations for the Fresh Fruit and Vegetable (FFV) sector

February 17, 2021 | 10:00 am – noon (includes 3 presentations)

Speakers: Jeremias Cull, Canadian Food Inspection Agency, Dr. Jeff Farber, University of Guelph, Loree Saunders, OMAFRA

Live event and advanced registration required - www.ofvc.ca/events, recorded videos will be posted at www.ofvc.ca/videos.

OFVC Educational Series: Live and Recorded Seminars...con't

Why do You Need Risk Management in Agriculture?

February 25, 2021 | 12:00 pm – 1 pm

Speakers: Mathieu Lipari, Farm Management Canada; Connie Kehler, HSSA; Jan Schooley, Schooley Orchards/Apple Hill Lavender

Agriculture is, without a doubt, an industry riddled with risk and uncertainty. Farmers across Canada are left to the mercy of Mother Nature, the global marketplace, a limited labour force, changing consumer trends, and other factors beyond their control in the political sphere. For farm managers, uncertainty can lead to poor planning and decision-making to the detriment of the farm, their families and the agricultural sector as a whole. But, with risk, also comes opportunity for those who are positioned to take calculated risks. This is why it's important to plan for risk. Risk management is about thinking strategically in advance and applying a process by which uncertainty can be reduced. Understanding how to manage or mitigate risk can be difficult, but there are options that can help. Join us for this seminar during which we will discuss tried and true approaches to risk management, sources of support and tools for risk.

Live event and advanced registration required - www.ofvc.ca/events, recorded videos will be posted at www.ofvc.ca/videos.

Use of Trap Cropping for Control of Striped Cucumber Beetle

<https://youtu.be/vGE-qrZt21M>

The Rise of a New Sweet Potato Variety and Slip Production in Ontario

<https://youtu.be/HLyBGdE68M8>