



Monday, July 18, 2022

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## **SWITCH® 62.5 WG Fungicide label temporarily expanded via Emergency Use Registration to help manage Alternaria Leaf Blight in Brussels Sprouts, Broccoli, and Cauliflower in Ontario, Quebec, Nova Scotia, Prince Edward Island, and Newfoundland and Labrador**

**J. Mosiondz, Minor Use Coordinator, OMAFRA**

The Pest Management Regulatory Agency (PMRA) recently announced the approval of an Emergency Use Registration (EUR) for SWITCH® 62.5WG Fungicide for suppression of Alternaria leaf blight (*Alternaria brassicicola*) on Brussels Sprouts, Broccoli, and Cauliflower in numerous provinces in Canada. This EUR for SWITCH® 62.5WG Fungicide on listed Brassica crops can be used **only** in Ontario, Quebec, Nova Scotia, Prince Edward Island, and Newfoundland and Labrador from **July 8<sup>th</sup>, 2022, until July 7<sup>th</sup>, 2023**.

### **“In This Issue”**

- ♦ SWITCH® 62.5 WG Fungicide label temporarily expanded via Emergency Use Registration to help manage Alternaria Leaf Blight in Brussels Sprouts, Broccoli, and Cauliflower in Ontario, Quebec, Nova Scotia, Prince Edward Island, and Newfoundland and Labrador
- ♦ VCR – Vegetable Crop Report – July 14<sup>th</sup>, 2022

SWITCH® 62.5WG Fungicide is labeled for management of diseases on a wide range of crops in Canada. The use on Brussels sprouts, broccoli and cauliflower has already been submitted for review as a full label expansion via an Ontario led provincial User Requested Minor Use Label Expansion (URMULE) with the hope for full registration by the 2023 field season. This EUR request was initiated by participating provinces in response to the reduced number of chlorothalonil applications permitted on the crops following RVD2018-11 and a lack of sufficient registered protective products to allow for proper rotation and season long disease protection. This EUR was led by Ontario in conjunction with the Fresh Vegetable Growers of Ontario (FVGO) and other participating province's provincial Ministries of Agriculture and their local growers associations.

The following is provided as an abbreviated, general outline only. Users should be making disease management decisions within a robust integrated disease management program and should **consult the complete emergency use label before using SWITCH® 62.5WG Fungicide**.

# SWITCH® 62.5 WG Fungicide label temporarily expanded via Emergency Use Registration to help manage Alternaria Leaf Blight in Brussels Sprouts, Broccoli, and Cauliflower in Ontario, Quebec, Nova Scotia, Prince Edward Island, and Newfoundland and Labrador...con't

Crop(s)	Target	Rate (g product/ha)	Application Information	Pre-Harvest Interval (PHI) (days)
Brussels Sprouts, Broccoli, Cauliflower	Suppression of Alternaria Leaf Blight ( <i>Alternaria brassicicola</i> )	775 – 975	The first application should be made when disease first appears and continue on 7-to-10-day intervals. Apply in sufficient water volume to obtain thorough coverage; a minimum spray volume of 200 L/ha is recommended. Apply up to 3 applications per year.	7

For these uses, Syngenta Canada Inc. has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) under all environmental conditions or for all crop varieties when used in accordance with the label. The user should test the product on a small area first, under local conditions and using standard practices, to confirm the product is suitable for widespread application.

TOXIC to aquatic organisms. Observe spray buffer zones specified under DIRECTIONS FOR USE. Fludioxonil is persistent and may carryover. It is recommended that this product not be used in areas treated with any products containing fludioxonil during the previous season. To reduce runoff from treated areas into aquatic habitats avoid applications to areas with a moderate to steep slope, compacted soil, or clay. Avoid application when heavy rain is forecast. Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

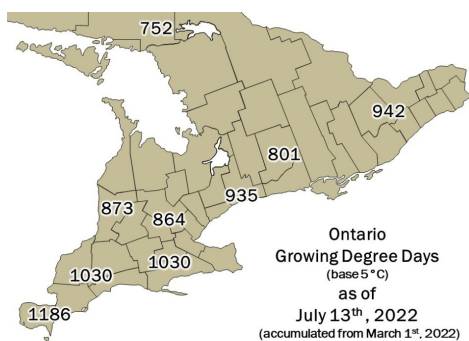
Follow all other precautions, restrictions, and directions for use on the SWITCH® 62.5WG Fungicide label.

For a copy of the emergency use label, Ontario growers may contact Josh Mosiondz, Provincial Minor Use Coordinator, OMAFRA, Guelph (226) 971-3407, [joshua.mosiondz@ontario.ca](mailto:joshua.mosiondz@ontario.ca), Katie Goldenhar, Pathologist – Horticulture, OMAFRA, Guelph (519) 835-5792, [katie.goldenhar@ontario.ca](mailto:katie.goldenhar@ontario.ca), or Travis Cranmer, Vegetable Crops Specialist, OMAFRA, Guelph (519) 835-3382, [travis.cranmer@ontario.ca](mailto:travis.cranmer@ontario.ca). Non-Ontario growers from participating provinces may contact their local Provincial Minor Use Coordinator or provincial crop specialist(s). Alternatively, you may contact your regional supply outlet, Syngenta Canada Inc. Representatives, or visit the [PMRA label site](#)

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

## VCR – Vegetable Crop Report – July 14th, 2022

The VCR (vegetable crop report) is a weekly update which includes crop updates, weather and growing degree summaries for various vegetable growing regions across Ontario.



**Temperature** – Almost all regions continue to match or surpass their 10 year average GDD except for Peterborough which has fallen fairly below it's average. Huron county and Sudbury are also marginally below. High daytime temperatures are forecasted throughout the week ranging in the mid-twenties to thirties. Nighttime temperatures are expected to range in the high-teens to low twenties for much of the province.

**Precipitation** – All regions saw at least a small amount rain over the last week but Kemptville received a substantial amount and is now at over half of it's 10 year precipitation average. Rain showers and a risk of thunderstorms are forecasted over

the weekend. Regions other than those in southwestern Ontario may also see showers and thunderstorms towards the middle of the week.

### Crop Updates

**Cucumbers** – **Cucurbit downy mildew was identified in East Elgin on July 14, 2020.** This is the first confirmed case of downy mildew in cucumbers this year. The risk of further infections is now high. All growers should begin using downy mildew targeted fungicides.

## VCR – Vegetable Crop Report – July 14th, 2022...con't

**Garlic** – As harvest approaches, monitor the number of leaves that senesce. The ideal time to harvest porcelain cultivars (such as the cv 'Music') is when 50% of the leaves have senesced / turned yellow. Since it takes several days to harvest, many start harvesting at 40% and by the time the crop is fully harvested it may have reached 70%.

There are still a few spots remaining for the next **Garlic Production and Pest Management workshop** near **Janetville, ON**, that takes place **Friday, August 19th** from **9:30-4:30**. Register by calling 1-877-424-1300 or by filling out this online form: <https://survey.clicktools.com/app/survey/go.jsp?iv=1y59n0qcz8rld>.

### Pest Degree Day Forecasting

\*NOTE: Data as of July 13, 2022

County	Carrot Rust Fly	Onion Maggot	Carrot Weevil	Aster Leafhopper	Tarnished Plant Bug	Cabbage Maggot	Seedcorn Maggot	European Corn Borer
THRESHOLD	329-395, 1399-1711	210-700, 1025-1515	138-156, 455+	128+	40+	314-398, 847-960, 1446-1604	200-350, 600-750, 1000-1150	See legend below
Essex*	1404	1294	984	807	576	1083	1294	725
Chatham-Kent*	1235	1130	840	674	434	933	1130	600
Norfolk**	1233	1130	839	666	419	933	1130	587
Huron***	1065	965	686	523	294	774	965	448
Wellington**	1058	960	683	522	297	772	960	452
Simcoe County***	1066	967	695	532	310	782	967	460
Durham***	1137	1033	748	582	341	839	1033	504
Peterborough	995	896	621	465	248	708	896	393
Kemptville***	1149	1043	760	598	357	847	1043	522
Sudbury***	913	831	598	455	248	674	831	390

\*- Bivoltine region for ECB. First Peak Catch: 300-350 DD, Second Peak Catch 1050-1100 DD

\*\*-. Overlap region for ECB. First Peak Catch: 300-350 DD Second Peak Catch 650-700 DD, Third Peak Catch 1050-1100 DD

\*\*\*-Univoltine region for ECB. Peak Catch 650-700 DD

**Use these thresholds as a guide, always confirm insect activity with actual field scouting and trap counts.**

Select a region below for the latest weather, crop and pest degree day information:

Essex County(<https://onvegetables.com/2022/07/14/vcr2022-11/#essex>)

Chatham-Kent County(<https://onvegetables.com/2022/07/14/vcr2022-11/#chatham-kent>)

Norfolk County(<https://onvegetables.com/2022/07/14/vcr2022-11/#norfolk>)

Huron County(<https://onvegetables.com/2022/07/14/vcr2022-11/#Huron>)

Wellington County(<https://onvegetables.com/2022/07/14/vcr2022-11/#wellington>)

Simcoe County(<https://onvegetables.com/2022/07/14/vcr2022-11/#simcoe>)

Durham County(<https://onvegetables.com/2022/07/14/vcr2022-11/#durham>)

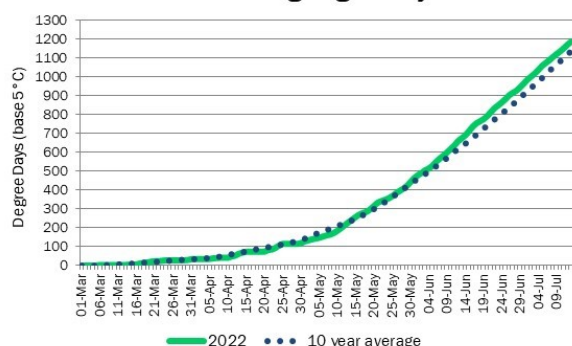
Peterborough(<https://onvegetables.com/2022/07/14/vcr2022-11/#peterborough>)

Kemptville(<https://onvegetables.com/2022/07/14/vcr2022-11/#kemptville>)

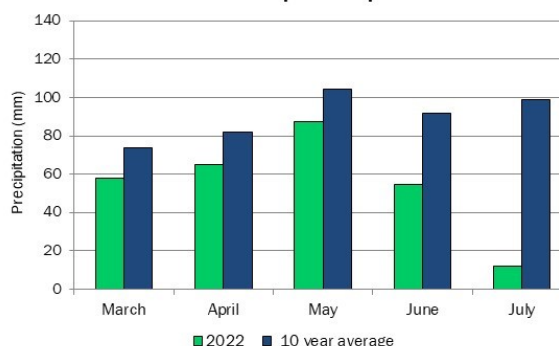
Sudbury(<https://onvegetables.com/2022/07/14/vcr2022-11/#sudbury>)

Essex County

Essex Growing Degree Days



Essex Total Precipitation per Month

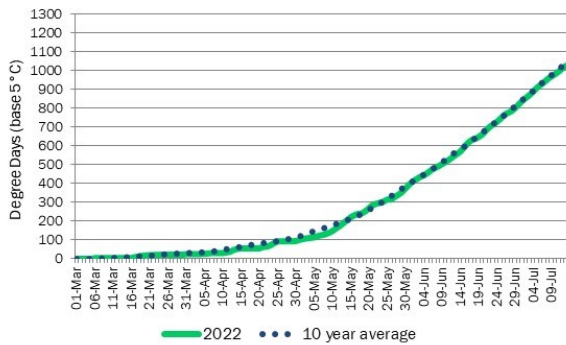




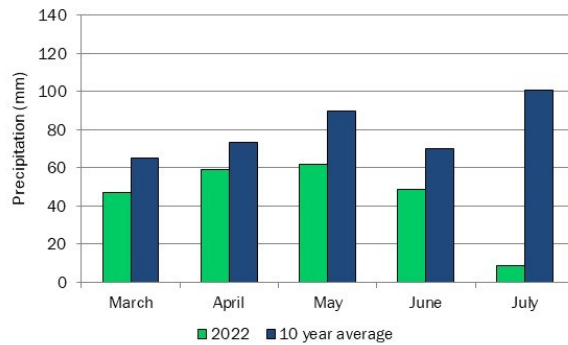
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## Chatham-kent County

Chatham-Kent Growing Degree Days

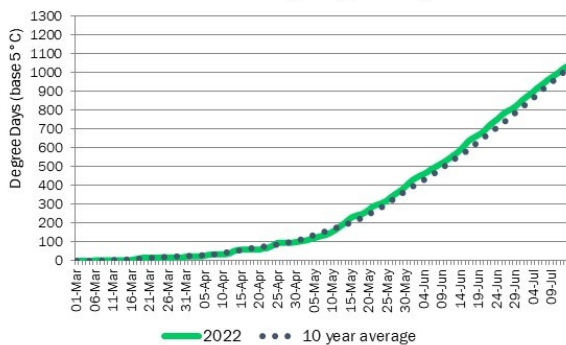


Chatham-Kent Total Precipitation per Month

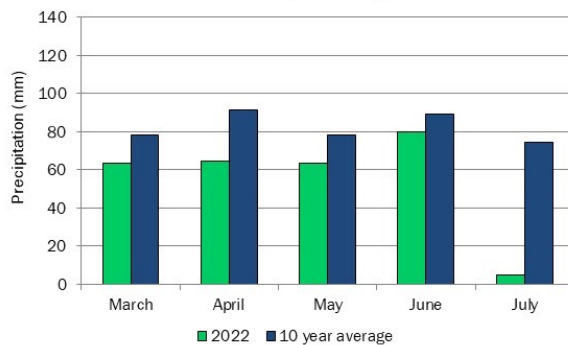


## Norfolk County

Norfolk Growing Degree Days

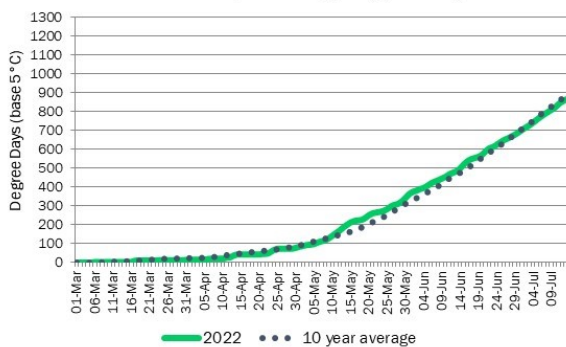


Norfolk Total Precipitation per Month

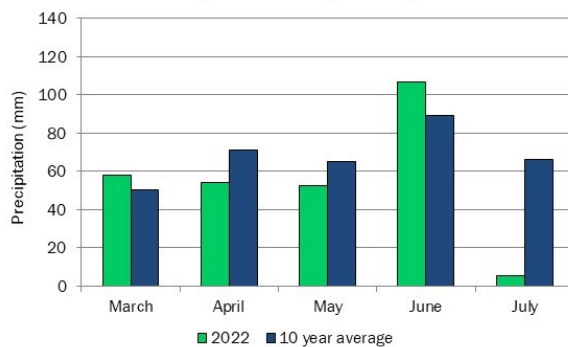


## Huron County

Huron County Growing Degree Days

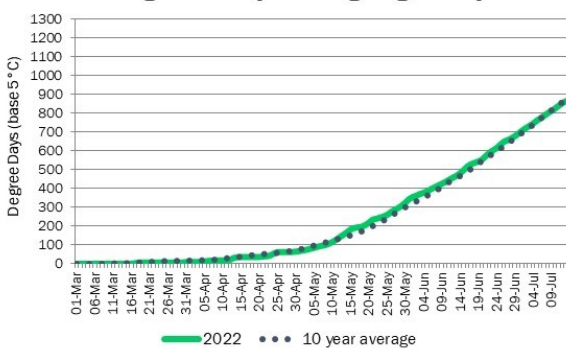


Huron County Total Precipitation per Month

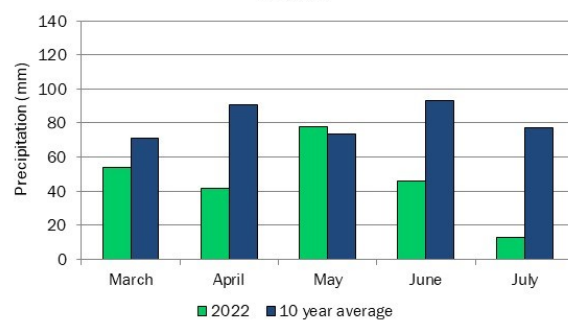


## Wellington County

Wellington County Growing Degree Days



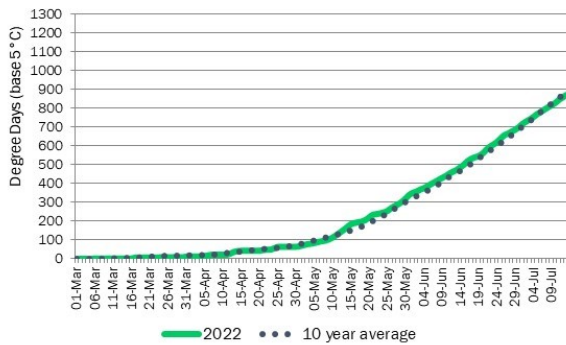
Wellington County Total Precipitation per Month



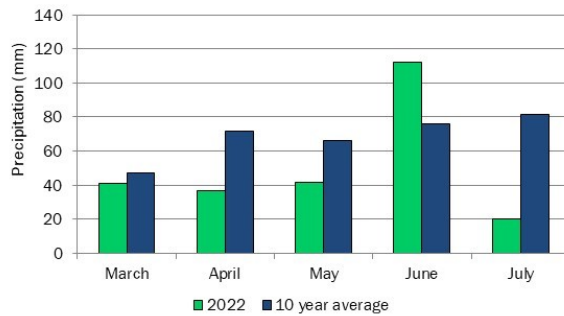
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## Simcoe County

Simcoe County Growing Degree days

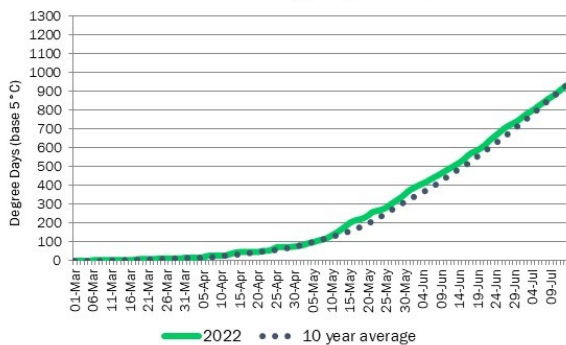


Simcoe County Total Precipitation per Month

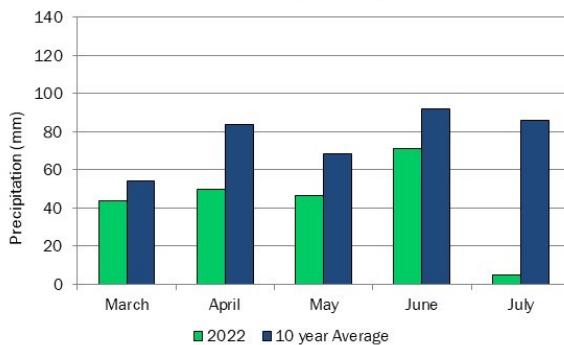


## Durham County

Durham Growing Degree Days

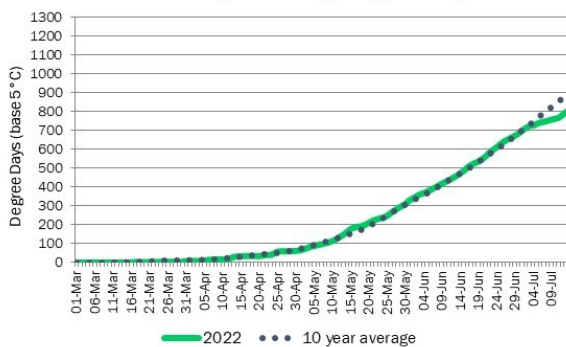


Durham Total Precipitation per Month

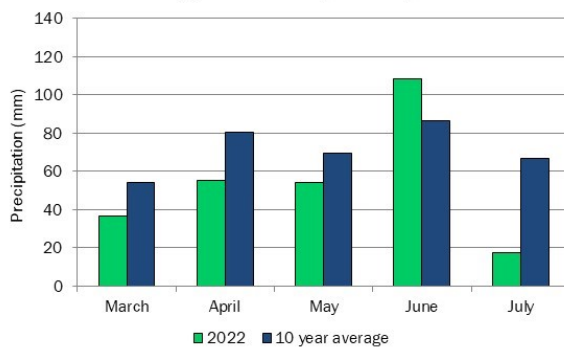


## Peterborough

Peterborough Growing Degree Days

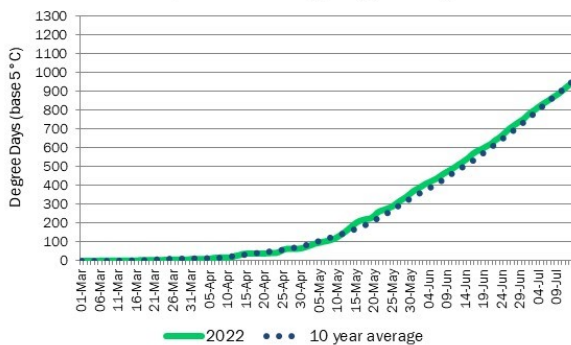


Peterborough Total Precipitation per Month

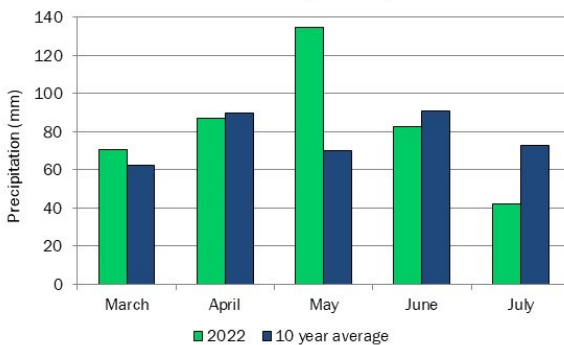


## Kemptville

Kemptville Growing Degree Days



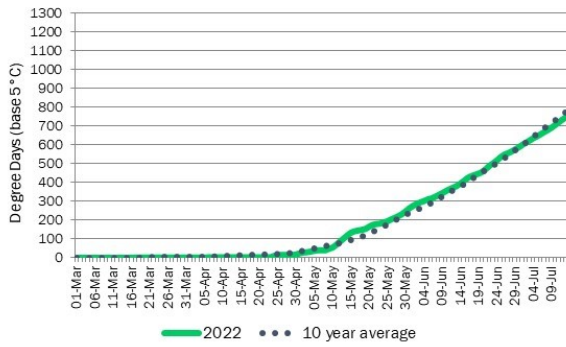
Kemptville Total Precipitation per Month



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Sudbury

Sudbury Growing Degree Days



Sudbury Total Precipitation per Month

