



Tuesday, May 7, 2024

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## Potato Bacterial Soft Rot Survey

Dennis Van Dyk, Vegetable Crop Specialist, OMAFRA



**WANTED: WET, SOFT AND SLIMY POTATOES**

Bacterial soft rots and blackleg are common potato diseases caused by a number of different bacteria in the *Pectobacterium* and *Dickeya* genera. In recent years the bacterial species affecting potatoes has been changing, with some more aggressive species emerging making management challenging.

In 2024 we are conducting a survey to test the different types of soft rot bacteria that Ontario potato growers are dealing with.

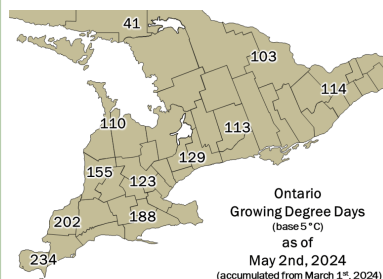
If you have any samples of soft rot in received seed, last years storage or blackleg symptoms showing up in the field, please reach out to have your samples submitted. Samples are free of charge and we can coordinate pickup.

To submit samples, please contact Dennis Van Dyk (519-766-5337, [dennis.vandyk@ontario.ca](mailto:dennis.vandyk@ontario.ca))

## “In This Issue”

- ♦ Potato Bacterial Soft Rot Survey
- ♦ Vegetable Crop Report – May 3rd, 2024

## Vegetable Crop Report – May 3rd, 2024



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.

The Vegetable Crop Report is back for another season! Most regions have experienced a wet April compared to their 10-year average and are matching or surpassing their 10 year average GDD trend.

### Crop Updates

**Brassica Crops** – Transplanting of Brassicas has been ongoing for the past 2 weeks in warmer areas of the province.

## Vegetable Crop Report – May 3rd, 2024...con't

**Garlic** – The emergence rate across the province has been high with few plants showing winterkill. Winterkill is generally the result of weakened plants due to stem and bulb nematode, late planting (or planting near the soil surface), waiting too long to plant after cracking or early seedcorn maggot fly damage. Nitrogen applications prior to the 5<sup>th</sup> leaf stage will result in better storage and fewer rough bulbs. Set up leek moth traps now to plot population peaks and determine if / when insecticides are necessary.

**Onions** – Onion seeding is underway, and the forecast looks good for transplant onion establishment over the next couple of weeks.

### Pest Degree Day Forecasting

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
Bruce***	180	142	65	35	12	85	142	26
Essex*	329	280	161	106	47	195	280	84
Chatham-Kent*	287	242	134	89	35	165	242	67
Norfolk**	277	230	116	69	23	149	230	50
Huron***	232	190	91	51	20	119	190	37
Wellington Centre**	199	156	70	35	8	92	156	23
Wellington North**	191	152	66	36	9	90	152	25
Simcoe***	188	149	64	29	4	86	149	16
Durham***	208	164	68	29	4	95	164	16
Peterborough	187	146	60	24	5	84	146	15
Kemptville***	189	147	66	34	8	86	147	23
Sudbury***	85	60	16	5	0	27	60	2
Timiskaming***	68	49	14	5	0	22	49	2
Lambton**	275	231	125	77	31	156	231	59
Thunder Bay	54	33	1	0	0	6	33	0
Middlesex**	279	232	120	72	26	153	232	54
Renfrew	169	130	51	24	4	71	130	15

\*- 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:

Norfolk(<https://onvegetables.com/2024/05/03/vcr2024-1/#NorfolkLink>)

Essex(<https://onvegetables.com/2024/05/03/vcr2024-1/#EssexLink>)

Sudbury(<https://onvegetables.com/2024/05/03/vcr2024-1/#SudburyLink>)

Chatham-Kent(<https://onvegetables.com/2024/05/03/vcr2024-1/#ChathamKentLink>)

Peterborough(<https://onvegetables.com/2024/05/03/vcr2024-1/#PeterboroughLink>)

Huron(<https://onvegetables.com/2024/05/03/vcr2024-1/#HuronLink>)

Durham(<https://onvegetables.com/2024/05/03/vcr2024-1/#DurhamLink>)

Thunder Bay(<https://onvegetables.com/2024/05/03/vcr2024-1/#ThunderBayLink>)

Bruce(<https://onvegetables.com/2024/05/03/vcr2024-1/#BruceLink>)

Kemptville(<https://onvegetables.com/2024/05/03/vcr2024-1/#KemptvilleLink>)

Lambton(<https://onvegetables.com/2024/05/03/vcr2024-1/#LambtonLink>)

Middlesex(<https://onvegetables.com/2024/05/03/vcr2024-1/#MiddlesexLink>)

Renfrew(<https://onvegetables.com/2024/05/03/vcr2024-1/#RenfrewLink>)

Simcoe(<https://onvegetables.com/2024/05/03/vcr2024-1/#SimcoeLink>)

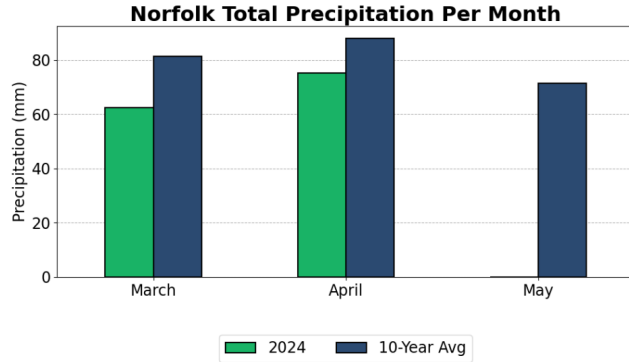
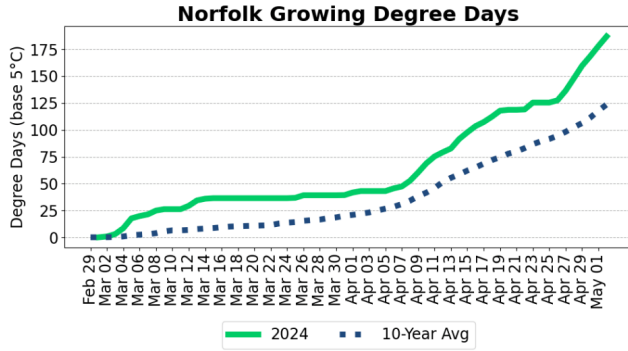
Wellington Centre(<https://onvegetables.com/2024/05/03/vcr2024-1/#WellCentreLink>)

Wellington North(<https://onvegetables.com/2024/05/03/vcr2024-1/#WellNorthLink>)

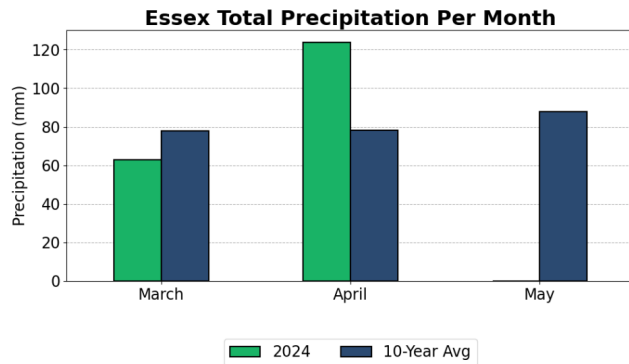
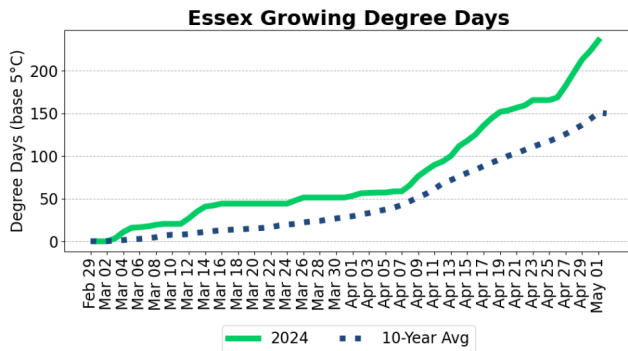
Timiskaming(<https://onvegetables.com/2024/05/03/vcr2024-1/#TimiskamingLink>)

# Vegetable Crop Report – May 3rd, 2024...con't

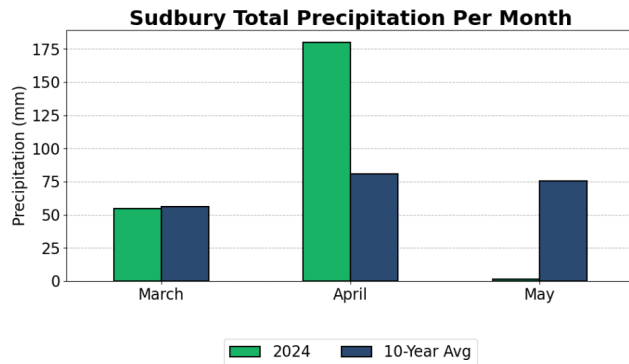
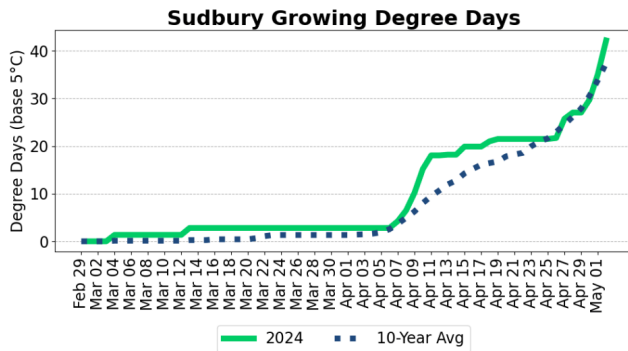
## Norfolk



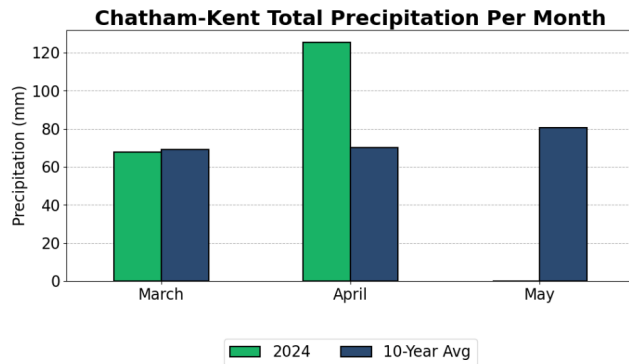
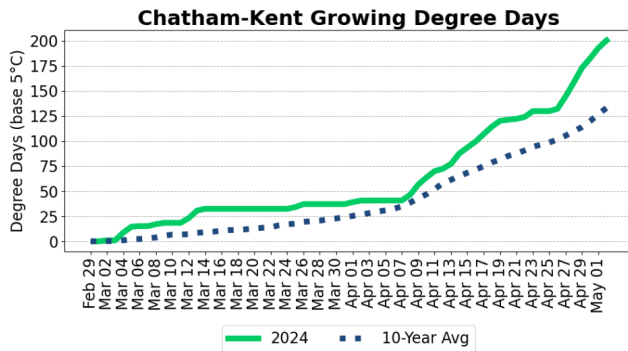
## Essex



## Sudbury

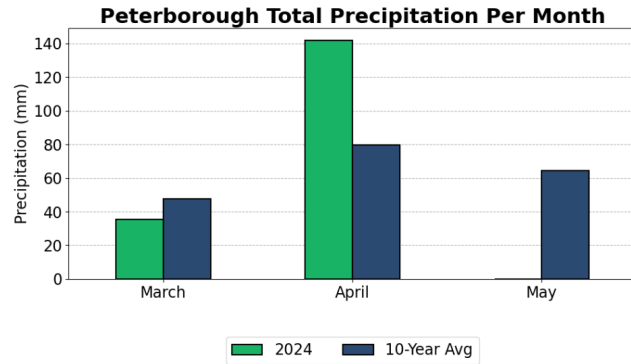
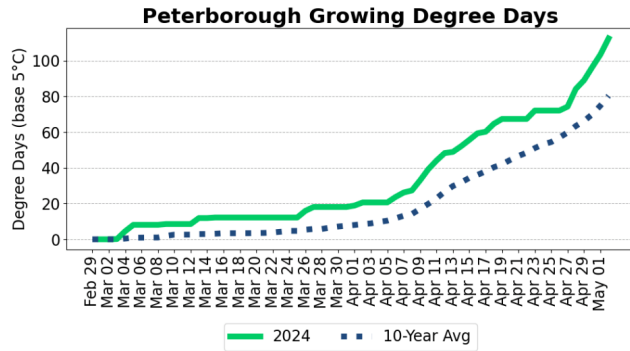


## Chatham-Kent

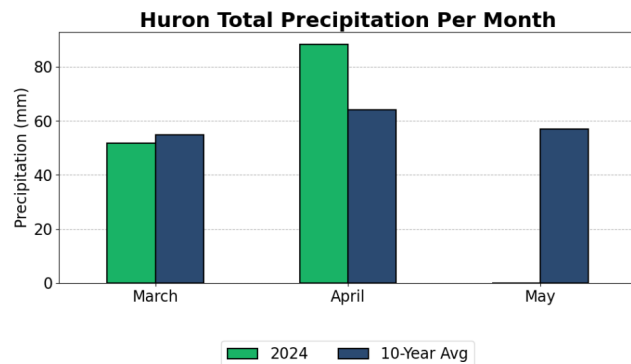
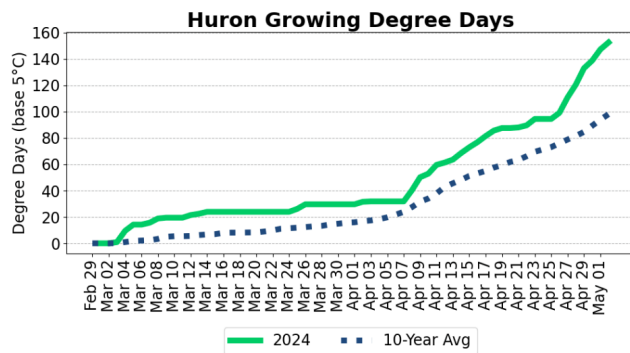


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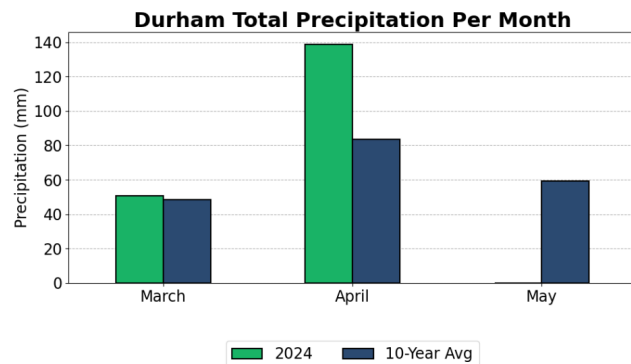
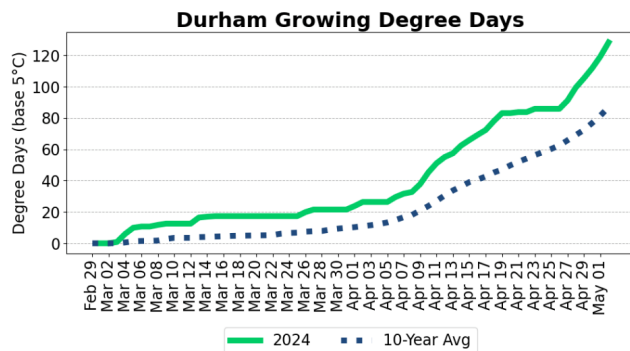
Peterborough



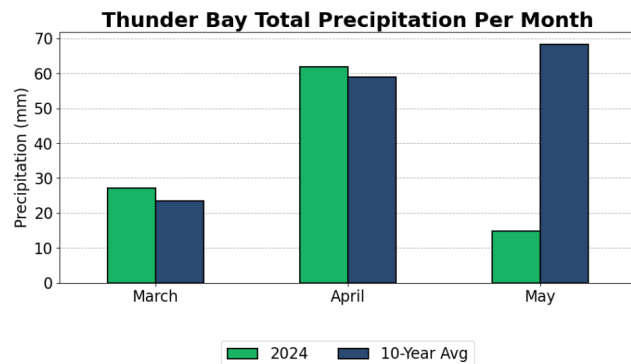
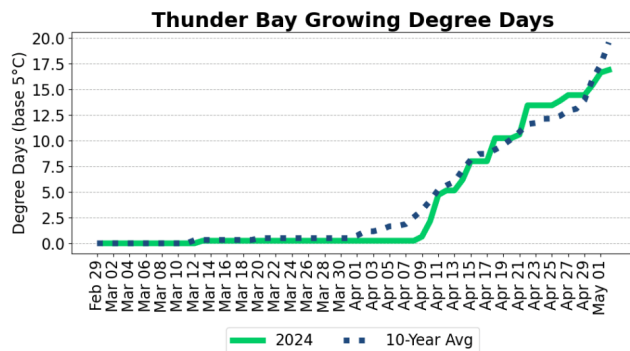
Huron



Durham



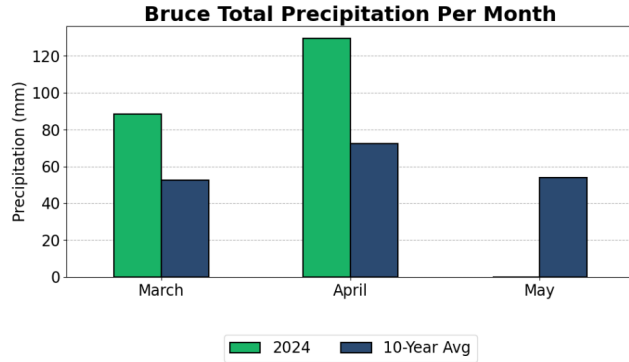
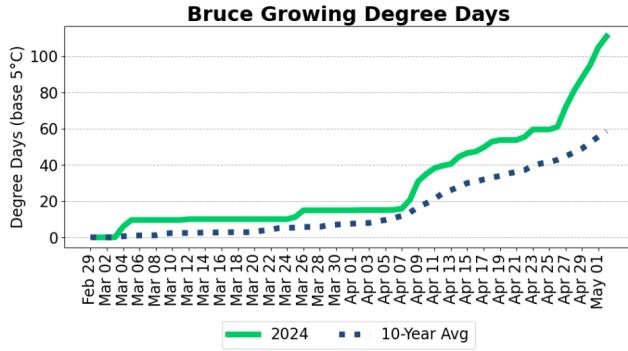
Thunder Bay



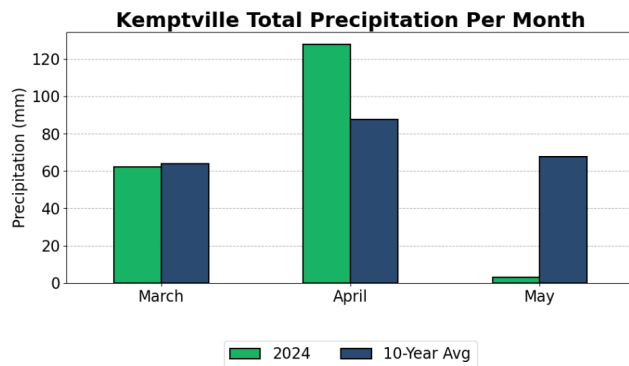
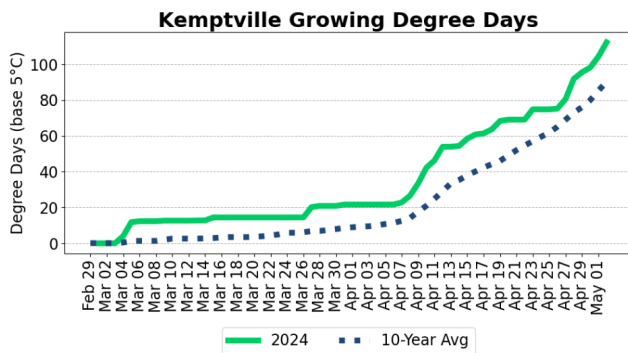


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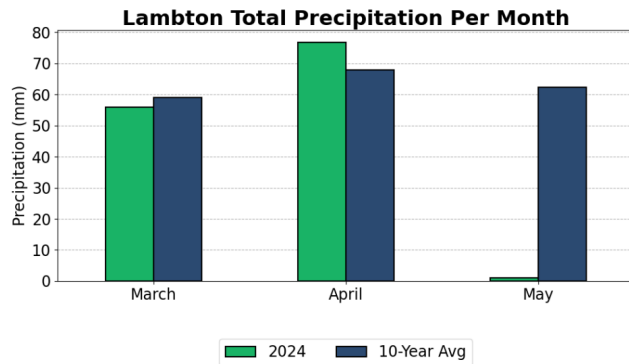
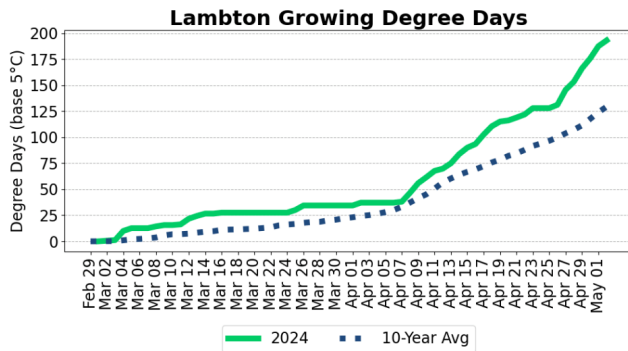
Bruce



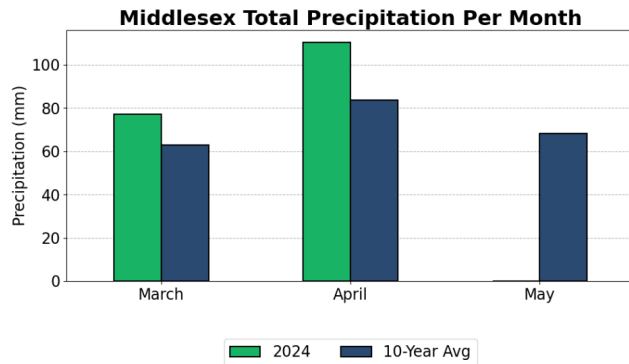
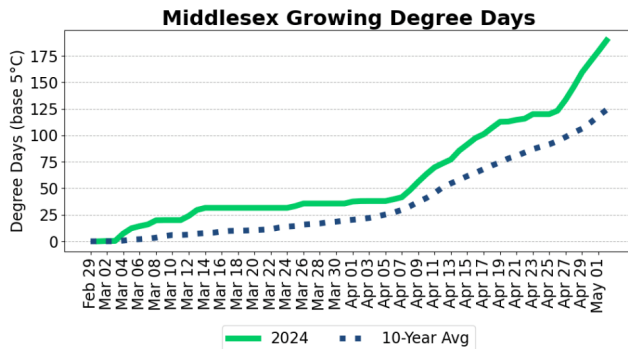
Kemptonville



Lambton

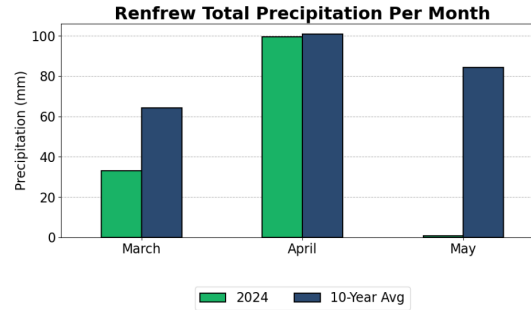
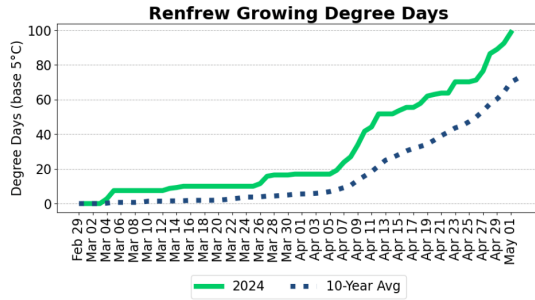


Middlesex

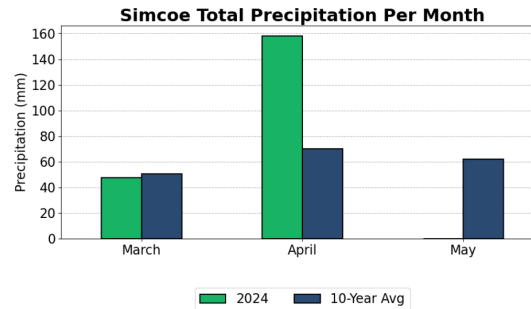
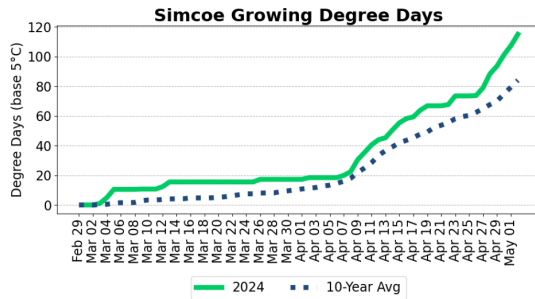


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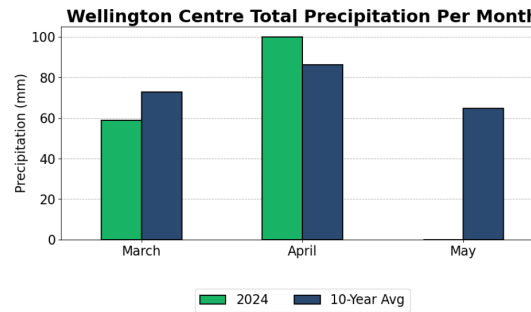
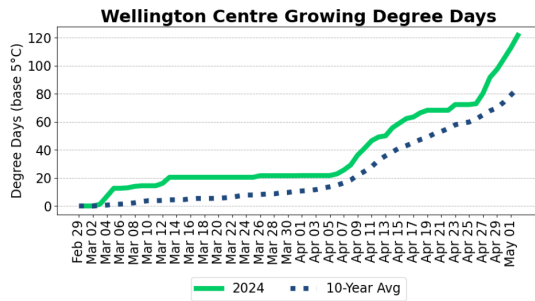
## Renfrew



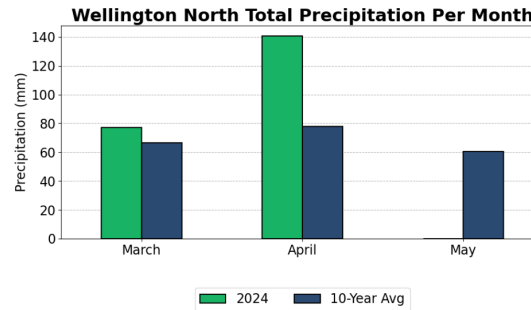
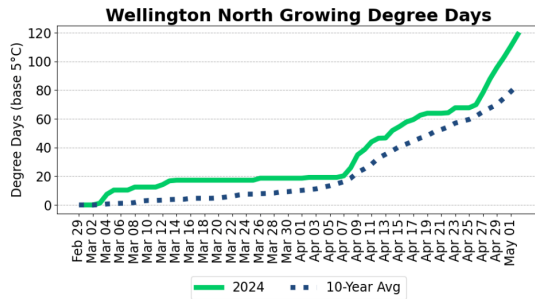
## Simcoe



## Wellington Centre



## Wellington North



## Timiskaming

