



Wednesday, May 18, 2022

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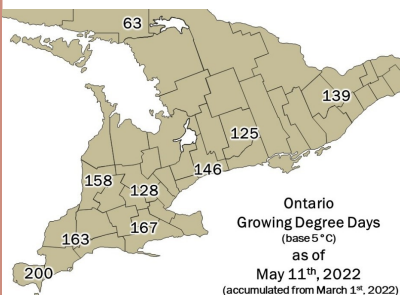
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## VCR – Vegetable Crop Report – May 12th, 2022

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:** Temperatures continue to rise over the weekend before dropping back into the teens next week. Most counties are at or marginally behind their 10-year GDD averages with the exception of Huron and Durham counties which are slightly ahead. The pest threshold has been reached for onion maggot in Essex and seedcorn maggot is now at threshold in Essex, Chatham-Kent and Norfolk counties.

**Precipitation:** Most counties may see some rain over the weekend with the possibility of thunderstorms. Most did not experience any significant rainfall over the past week.

*\*Note:* The 10-year average GDD calculation has changed to better reflect the current weather trends. Last week's GDD graphs have been updated(<https://onvegetables.com/2022/05/05/vcr2022-1/>).

### Crop Updates

**Brassica crops** – Transplanting is well underway. While it has not been warm enough for cabbage maggot fly to reach it's first generation growing degree threshold in any county, seedcorn maggot fly is active in most regions. Dig up wilted transplants and inspect roots for insect damage. If you were unable to attend the 2022 Brassica Crops IPM Scout Training workshop, a recorded version can be viewed below:

<https://youtu.be/fHf0y1xG0kI>

**Celery** – Transplanting is underway across the province. Ensure that there is adequate moisture to get good crop establishment.



Figure 1 – Celery ready to be transplanted – May 10th, 2022.

### “In This Issue”

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## VCR – Vegetable Crop Report – May 12th, 2022...con't

**Garlic** – Plants are at an average of 4-7 leaves. Leek moths are active in most regions with the warm night temperatures and will be laying eggs over the next week. Seedcorn maggot damage has been observed in SW Ontario and has reached its first generation threshold in Essex, Chatham-Kent and Norfolk counties. Dig up plants that have wilted leaves to look for seedcorn maggot larvae, wireworms or millipedes.



**Figure 2** – Seedcorn maggot larvae found feeding on a wilted garlic plant May 10<sup>th</sup>, 2022 – Kristen Obeid

**Onion** – Onions are still being transplanted and direct seeded onions planted last week are starting to emerge in fields with adequate soil moisture. The threshold for the first generation of onion maggot has been reached in Essex county.

### Pest Degree Day Forecasting

\*NOTE: Data as of May 11, 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*	292	<b>245</b>	124	73	30	160	<b>245</b>	55
Chatham-Kent*	245	202	98	55	19	129	<b>202</b>	41
Norfolk**	244	204	102	55	17	133	<b>204</b>	39
Huron***	230	193	103	63	26	128	193	48
Wellington**	196	161	73	36	12	99	161	28
Simcoe County***	194	158	74	36	10	98	158	24
Durham***	222	182	86	45	10	114	182	29
Peterborough	193	158	71	37	7	96	158	25
Kemptville***	220	177	83	46	11	107	177	32
Sudbury***	96	78	37	20	7	49	78	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:

Essex County(<https://onvegetables.com/2022/05/12/vcr2022-2/#essex>)

Chatham-Kent County(<https://onvegetables.com/2022/05/12/vcr2022-2/#chatham-kent>)

Norfolk County(<https://onvegetables.com/2022/05/12/vcr2022-2/#norfolk>)

Huron County(<https://onvegetables.com/2022/05/12/vcr2022-2/#Huron>)

Wellington County(<https://onvegetables.com/2022/05/12/vcr2022-2/#wellington>)

Simcoe County(<https://onvegetables.com/2022/05/12/vcr2022-2/#simcoe>)

Durham County(<https://onvegetables.com/2022/05/12/vcr2022-2/#durham>)

Peterborough(<https://onvegetables.com/2022/05/12/vcr2022-2/#peterborough>)

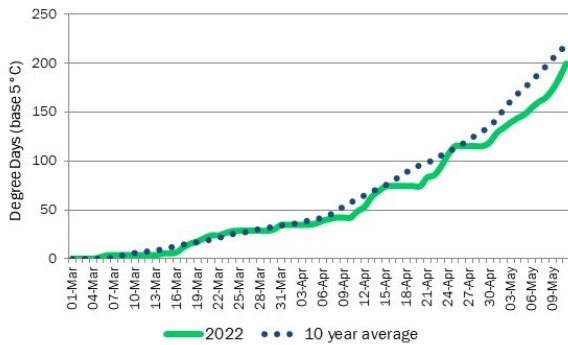
Kemptville(<https://onvegetables.com/2022/05/12/vcr2022-2/#kemptville>)

Sudbury(<https://onvegetables.com/2022/05/12/vcr2022-2/#sudbury>)

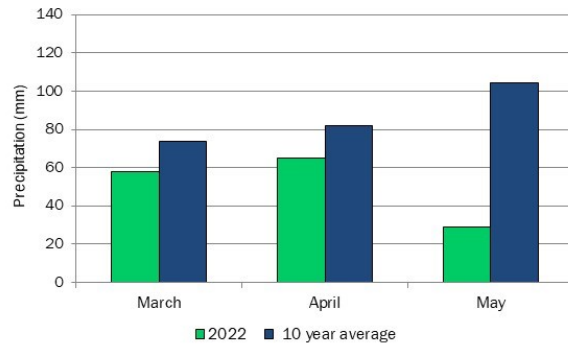
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## Essex County

Essex Growing Degree Days

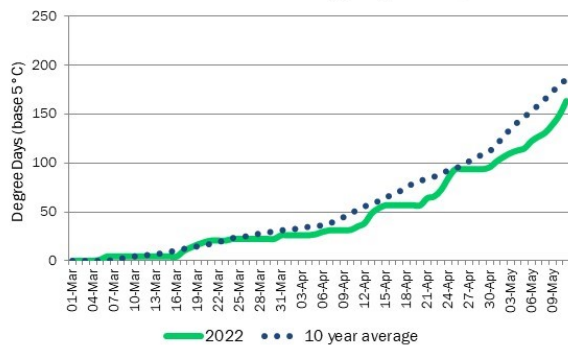


Essex Total Precipitation per Month

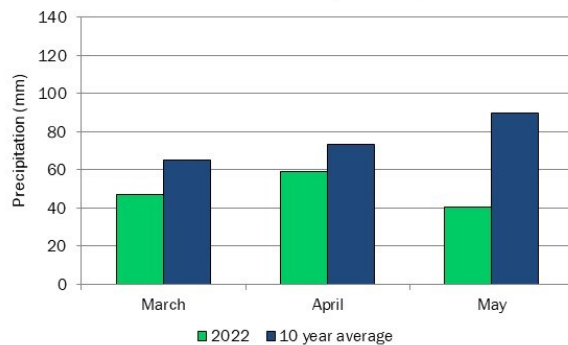


## Chatham-kent County

Chatham-Kent Growing Degree Days



Chatham-Kent Total Precipitation per Month

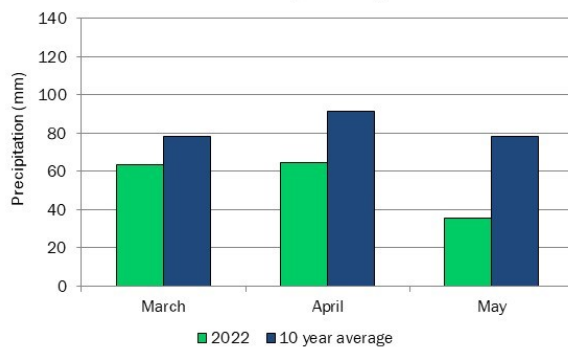


## Norfolk County

Norfolk Growing Degree Days

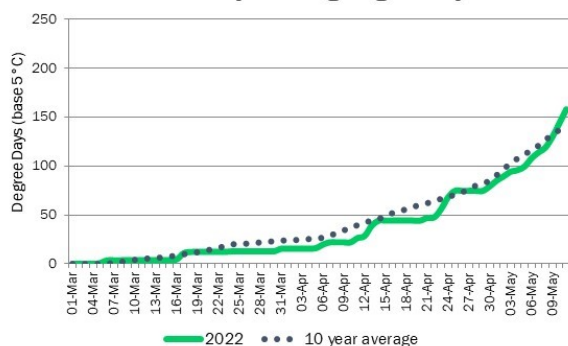


Norfolk Total Precipitation per Month

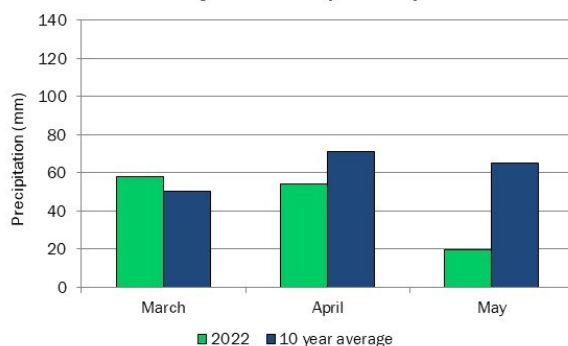


## Huron County

Huron County Growing Degree Days



Huron County Total Precipitation per Month

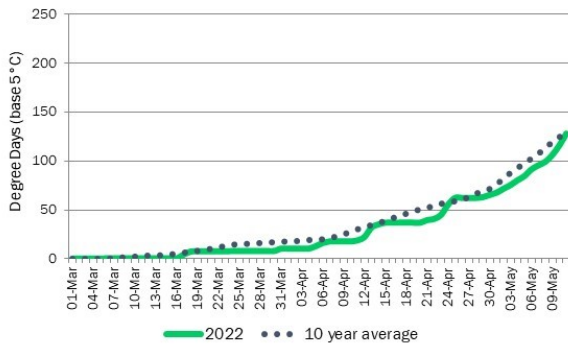




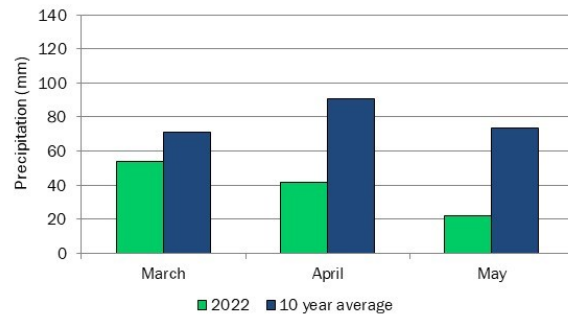
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## Wellington County

Wellington County Growing Degree Days



Wellington County Total Precipitation per Month

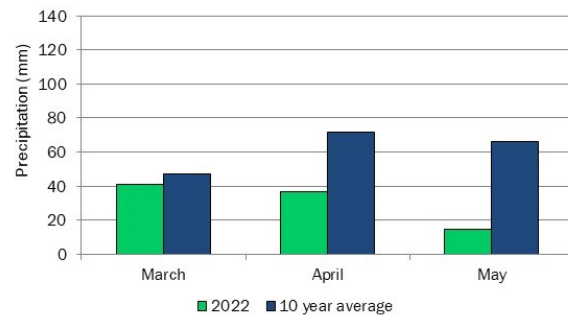


## Simcoe County

Simcoe County Growing Degree days

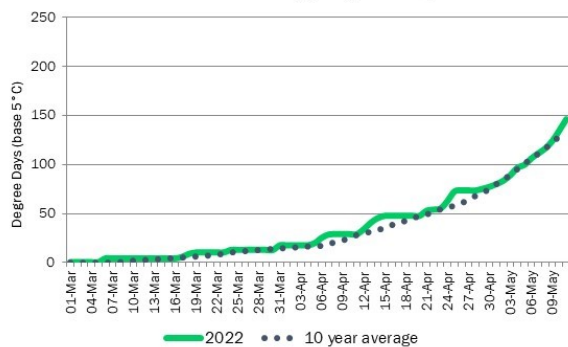


Simcoe County Total Precipitation per Month

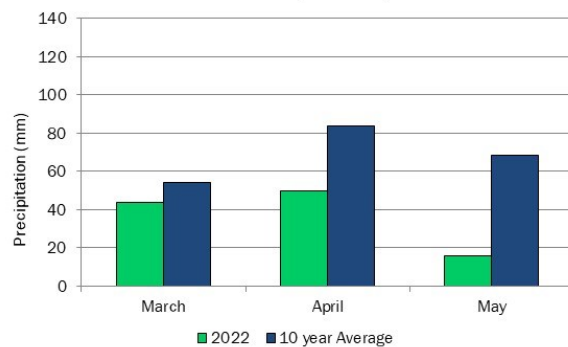


## Durham County

Durham Growing Degree Days

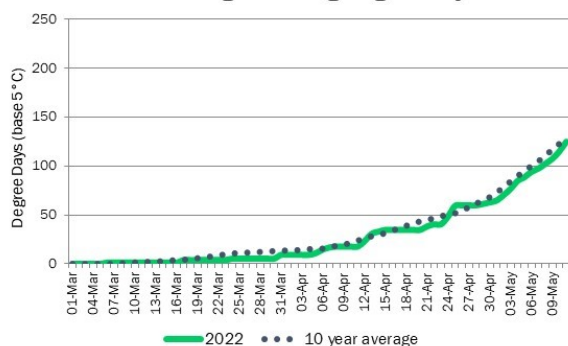


Durham Total Precipitation per Month

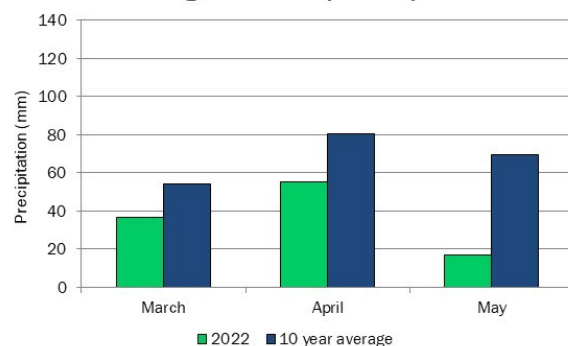


## Peterborough

Peterborough Growing Degree Days



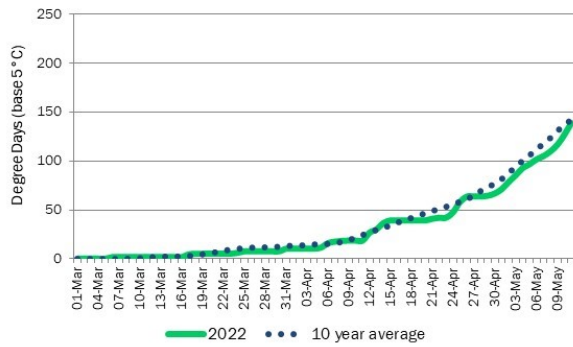
Peterborough Total Precipitation per Month



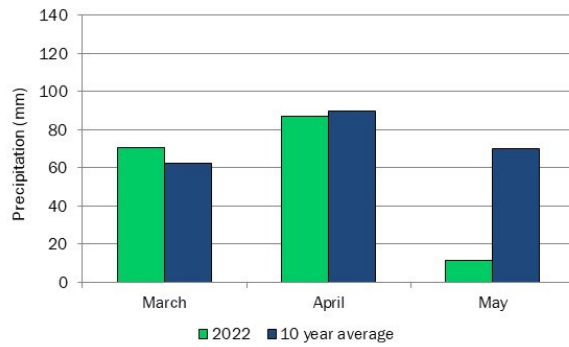
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## Kemptville

Kemptville Growing Degree Days

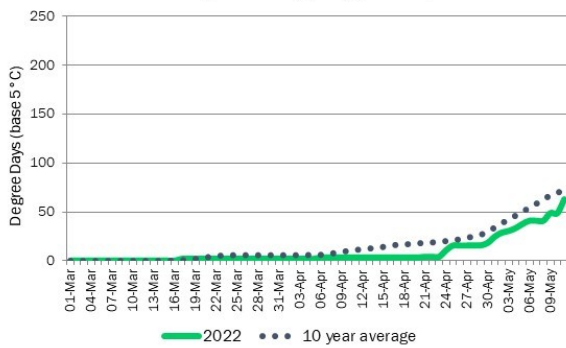


Kemptville Total Precipitation per Month



## Sudbury

Sudbury Growing Degree Days



Sudbury Total Precipitation per Month

