

## Vineland's e-Newsletter – Summer 2019

### **The Ontario Landscape Tree Planting Guide is now available**



The newly released *Ontario Landscape Tree Planting Guide* is the most comprehensive reference document available to the landscape industry. It captures years of research conducted by Vineland and experts from around the world on tree survival and establishment in challenging environments. The validated recommendations will guide green industry practitioners to sustainably design, build and maintain our Canadian landscape.

Dr. Darby McGrath, Vineland Research Scientist and one of the main authors of the guide, answers a few questions below.

#### **Q. What is the purpose of this reference guide?**

The guide is intended for landscape architects, designers, contractors, urban forest managers, horticulturists and other professionals who have a working knowledge of the horticultural trades. Its purpose is to capture the wealth of evidence-based information available on tree planting to summarize research findings and make it accessible to practitioners.

**Q. How was it developed?**

In 1994, Landscape Ontario published a useful guide for the industry that was revised in 2005. In 2018, Landscape Ontario partnered with Vineland to develop a 21<sup>st</sup> century version based on a comprehensive review of the research contained within the original guide to ensure that the information was relevant.

**Q. What is the format of the guide?**

The guide is broken up into step-by-step chapters written to provide readers with a summary of relevant content and up-to-date research findings. There is also a series of corresponding field sheets available where pertinent information from the chapters is itemized into actionable items.

**Q. What's next?**

We are looking forward to getting the guide into the hands of practitioners across Canada. I will be presenting this guide at Landscape Ontario Congress 2020 with Ian Bruce and Glen Lumis, two of the guide steering committee members. Additionally, it will be included in the Canadian Landscape Standards (CLS) as it has been reviewed and approved by the CLS committee this spring.

The *Ontario Landscape Tree Planting Guide* will be available early August at [www.greeningcanadianlandscape.ca](http://www.greeningcanadianlandscape.ca)

For more information, contact:

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## Vineland launches new venture

Vineland now provides custom systems integration services for Canadian horticulture companies to help increase productivity and operations efficiencies.

Our specialized approach to optimizing your operation means quick results and turnaround to help maximize profit and achieve optimal return on investment.

Our tailored solutions are cost effective and reliable with prompt support and service.

We offer :

- Customized robotic and automation solutions
- Consultation and technology assessments

And cost reduction opportunities in:

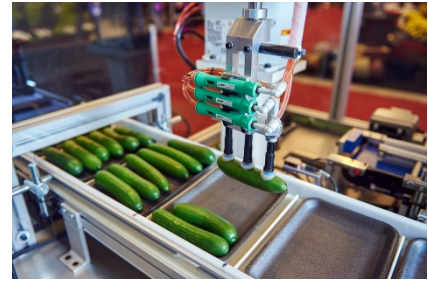
- Automated packaging and palletizing
- Automated sorting and grading
- Greenhouse process automation
- Produce processing solutions
- Labour tracking and performance management systems
- LEAN process optimization and waste reduction

For more information, contact:

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## **Best growing practices for Radiance, Canada's new sweet potato variety**

To support growers, Vineland has conducted a series of agronomic trials in 2017 and 2018 to better understand how to grow this sweet potato efficiently. Results on spacing, days to maturity, harvesting, postharvesting and pest management have been compiled into an easy-to-read research update report (click [here](#) to view). A few key findings include:

- Radiance matures 11 to 20 days earlier than commercial varieties Covington and Orleans
- Radiance produced significantly higher U.S. grade #1 and total marketable yields than both Covington and Orleans for early and late harvest as well as single and double row planting
- Double row planting can decrease total acreage while still providing high yields when a later harvest (mid-October) is desired
- Biodegradable black plastic mulch can increase yields in a double row planting system if an early harvest is desired
- Under Canadian conditions, curing for a minimum of seven days is required to adequately cure sweet potatoes

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*Flesh colour comparison between Radiance (top image) and Covington (bottom image).*

## What's Growin' On 2019 is moving to September

Vineland's annual open house at our research farm is taking place in the fall this year. The focus will be on the latest research of our apple breeding program.

**When:** Thursday, September 19, 2019 at 6 pm

**Where:** Vineland's Victoria Avenue Research Farm  
3310 Marina Boulevard, off Victoria Avenue  
Vineland Station, ON L0R 2E0

Online registration for the event will open August 19.

Stay up-to-date on Vineland's news and events by joining our mailing list at [vinelandresearch.com](http://vinelandresearch.com)



## In the News

Vineland works to make public the latest in horticultural research and innovation via print, broadcast and online media.

Here is a snapshot of some stories you might enjoy:

- The Star – [Edible flowers are a blooming food trend](#)
- Winnipeg Free Press Homes – [Stop and smell the roses](#)
- Better Farming – [Vineland researchers search for the perfect match of apple varieties to meet Ontario consumers' cider preferences](#)
- National Post – [Game-changing solutions for agriculture](#)
- Country Guide Magazine – [Artificial intelligence... the brave new world of how you'll farm, and eat](#)
- Living Architecture Monitor – [Choosing trees and growing media for intensive green roofs](#)
- Niagara This Week – [A made-in-Ontario tomato, courtesy of Vineland Research](#)
- CBC – [Niagara researcher breeds sweet potato designed to grow in the Canadian climate](#)
- The Chronicle Herald - [New sweet potato variety could help Lakeville farm family access lucrative market](#)



You can visit [vinelandresearch.com/news](http://vinelandresearch.com/news) for more stories.