



Vineland's e-Newsletter – Spring 2019

Vineland Research and Innovation Centre announces new CEO

Vineland Research and Innovation Centre's (Vineland) Board of Directors announced the appointment of Dr. Ian Potter as Chief Executive Officer effective April 1, 2019.

Dr. Potter has served in senior leadership roles with both the National Research Council Canada (NRC) and Alberta Innovates – Technology Futures (AITF) and has substantial experience in the Canadian research and innovation space.

"I am excited to be joining Vineland as CEO and look forward to relocating to the Niagara region and working alongside key stakeholders to expedite opportunities for further collaboration and success within the Canadian horticultural space," said Dr. Potter.



*Dr. Ian Potter,
Vineland new CEO*

A trusted partner in agricultural genomics

Looking to fast track your genomics needs? Look no more. Introducing Vineland's first spin-off company Platform Genetics Inc. a trait development and genomics service company addressing the needs of seed companies and public-sector plant breeding programs.

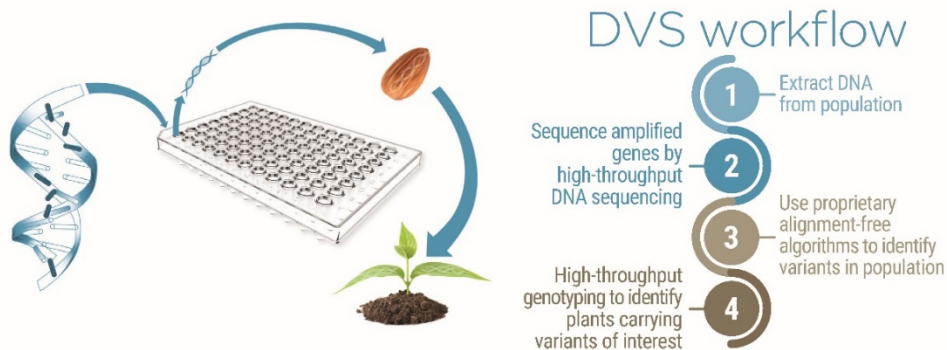
The company's core service, Deep Variant Scanning (DVS), enables clients to harness the power of reverse genetics for trait development and crop improvement. The patent-protected technology is rapid, cost-effective, suited to any crops and has no usability barriers. DVS is globally-recognized with minimal regulatory framework.

"Innovation and technology are playing increasingly important roles in helping Canada's agriculture sector grow and prosper. Our government, through the Vineland Research and Innovation Centre, is committed to supporting initiatives like these which deliver ground-breaking advances that help seize new market opportunities," said Marie-Claude Bibeau, federal Minister of Agriculture and Agri-Food.

"Our government is pleased to be a part of the launch of such an innovative company through Vineland which will help our seed companies and growers," said Ernie Hardeman, Minister of Agriculture, Food and Rural Affairs. "Advancing agricultural genomics can improve crops and supports a strong agriculture industry in Ontario."

Platform Genetics can help design, build and characterize mutant populations in a broad set of crops including vegetables, ornamentals, protein, fibre and oilseeds. Population development services include:

- Mutagen dose optimization
- Seed multiplication
- Population creation
- Mutation density estimation by DVS



From gene target to seeds carrying genetic variation in under four weeks

For more information, contact:
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Lundy Manor Wine Cellars - a happy customer



Preparing grapes for Vineland's Free-Air System for cool climate Appassimento winemaking at Lundy Manor Wine Cellars

Niagara Falls, Ontario-based Lundy Manor Wine Cellars is the proud owner of two four-tonne Free-Air Systems developed by Vineland for cool climate Appassimento winemaking. The system enables the winery to experiment and develop new and exciting styles of wine showcasing the excellent fruit grown in the Niagara region.

The Free-Air System manufactured in partnership with Beamsville, Ontario-based Central Fabricating utilizes a patented vertical airflow system to ensure consistent drying while mitigating mould concerns for perfect drying results every time.

"Our government is proud to support the Vineland Research and Innovation Centre in the development of visionary innovations. The Free-Air System grape drying technology responds to winemakers' needs and enables them to make advances in the marketplace, offering exciting new wines to consumers and contributing to this country's economic prosperity," said Marie-Claude Bibeau, federal Minister of Agriculture and Agri-Food.

"Our government is pleased to be a part of this innovative grape-drying method, which opens the door to more innovation in styles of Ontario wine," said Ernie Hardeman, Ontario's Minister of Agriculture, Food and Rural Affairs. "Innovations in technology like this help wineries like Lundy Manor Wine Cellars contribute to and grow our province's successful wine industry."

"We have experience using the more traditional method of drying grapes," explained Adam Kern, Lundy Manor Wine Cellars' winemaker. "What we liked about Vineland's system is we see similar results through slow drying and a significant reduction in the physical footprint of our drying facility."

Kern is drying 16 to 20 tonnes of grapes annually through Vineland's system and focuses on the classic Bordeaux varietals, including Merlot, Cabernet Sauvignon and Cabernet Franc.

"We are making 100 per cent Appassimento wines in order to craft an intense and robust red wine. We also make a ripasso style wine with the skins after fermentation. This brings richness and an added layer of complexity to our introductory blend," said Kern.

Proprietor's Blend red, Lundy Manor's first ripasso blend, is now available for purchase at the winery lundymanor.ca. The 100 per cent Appassimento wines are still aging in barrels so check [@lundymanorwinecellars](https://twitter.com/lundymanorwinecellars) for updates.

For more information visit [Free-Air System for cool climate Appassimento winemaking](#) or contact Central Fabricating: info@central-fab.com, 1-800-463-3139

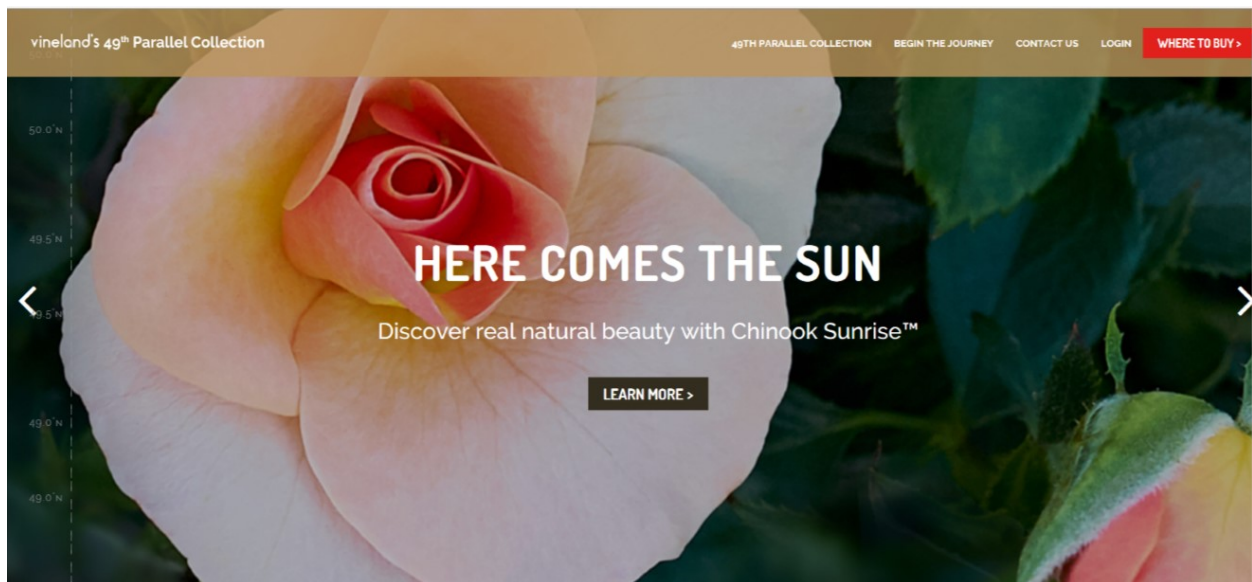
Here comes the sun

A new bloom has dawned in Vineland's 49th Parallel Collection of bred-in-Canada garden and landscape roses.

Vineland officially released Chinook Sunrise™, the second in a series of roses developed for their hardiness and ability to blossom almost anywhere in Canada. The rose was unveiled in March at Canada Blooms, Canada's largest garden and flower festival.

"I want to congratulate the hardworking team at Vineland who our government is proud to support. Their innovations, such as the Chinook Sunrise rose, help to keep our ornamental horticulture farmers on the cutting edge and grow our economy," said Marie-Claude Bibeau, federal Minister of Agriculture and Agri-Food.

"Launching the Chinook Sunrise is an exciting moment that showcases the incredible innovation that is happening in horticulture in our province," said Ernie Hardeman, Ontario's Minister of Agriculture, Food and Rural Affairs. "Our government is proud to support Vineland's projects like this, which can provide new products and economic growth for the agriculture sector, through the Canadian Agricultural Partnership."



Vineland's 49th Parallel Collection website [49throses.com](https://www.49throses.com)

Chinook Sunrise boasts outstanding beauty with its unique coral blossoms resembling the bright, warm hues of a rising sun. The flowers start as deep apricot buds, revealing a riot of pink as they open and the days are growing warmer. Chinook Sunrise's incredible range of colour strays from the usual dark pink and red shades that have dominated Canadian rose breeding.

Even better, Chinook Sunrise is a low-maintenance addition to landscapes because of its black spot tolerance and winter hardiness across Canada. It's also a repeat bloomer, so it stays stunning all season. Chinook Sunrise will be available at gardening centres and greenhouses across the country in time for the 2019 growing season.

Chinook Sunrise succeeds Canadian Shield®, the wildly successful first release in the collection. The red rose was launched in 2017 to mark Canada's 150th birthday and has been a popular addition to gardens nationwide since then. Canadian Shield was named Canada Blooms' 2017 Plant of the Year.

More information is available at 49throses.com including details on Aurora Borealis™, the next rose in the collection set for release in 2021.

Radiance, Vineland's made-for-Canada sweet potato, now available for commercial production

It's a sweet potato that's received glowing reviews from growers and consumers alike. Now Radiance is available for Canadian farmers to grow in 2019.

Radiance is a uniquely Canadian sweet potato developed at Vineland and is suited to our shorter growing seasons. The root vegetable with red skin and bright, rich orange flesh produces high-yielding crops within 100 to 120 days from planting. That means growers can expect to harvest Radiance as early as mid- September and consumers can plan to include the new variety in their Thanksgiving dinner.

"Our government recognizes the critical role the Vineland Research and Innovation Centre plays in providing farmers with products that grow well in our climate and that deliver what consumers want. We are proud to support Vineland's role in these Canadian-made varieties which help drive the horticulture sector forward," said Marie-Claude Bibeau, federal Minister of Agriculture and Agri-Food.



Radiance, Vineland's made-for-Canada sweet potato, now available for commercial production

"We are excited that the Radiance sweet potato – a plant unique to Ontario's growing conditions – is ready for more farmers to plant this year," said Ernie Hardeman, Ontario Minister of Agriculture, Food and Rural Affairs. "Our government is proud to support the development of innovative projects like this, which will help satisfy both farmer and consumer demand, through the Canadian Agricultural Partnership."

Other benefits of growing Radiance include:

- the ability to plant it in single rows or double rows with or without black plastic mulch
- an opportunity for growers with limited land to maximize yield when they do double row planting

"Radiance checks all the boxes for being a promising addition to a farm's rotation of crops," said Valerio Primomo, Research Scientist, Vegetable Breeding at Vineland. "We're very excited that Radiance is now ready for wider, larger-scale planting after successful grower trials and consumer taste testing alongside some popular imported varieties."

For more information about Radiance contact:

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