



# Technology validation service

Bridging the gap from research to real-world.

Interested in assessing and validating your innovative technologies related to plant production and automation systems? Vineland now offers a comprehensive technology validation service tailored for the horticultural industry.

A validation study is a systematic and thorough assessment of the performance, reliability and feasibility of a particular technology or innovation. The technology is tested under realistic conditions to validate its claims and assess its potential for implementation. A successful study delivers objective and empirical evidence on the effectiveness, safety and suitability of the technology for its intended use. A validation study offers insights into the strengths, limitations and potential improvements of the technology, enabling informed decision-making regarding its adoption, investment and/or further development.

## How does it work? Our advantage:

Vineland has deep-rooted expertise, extensive experience and long-standing position as a trusted authority in the horticultural industry. With decades of research and practical knowledge, we have a unique understanding of our clients' challenges and opportunities and a trusted network of growers, industry leaders and government partners. Our service is comprised of three key phases:



### **PHASE 1** **Exploration & planning**

- Set technical targets
- Establish communication plans



### **PHASE 2** **Technical evaluation**

- Equipment setup
- Data collection
- Safety reviews



### **PHASE 3** **Analyses**

- Comparison to targets
- Comprehensive report development



**vineland**  
RESEARCH & INNOVATION CENTRE

## The process

During the early process, Vineland and the client establish terms concerning the independence and privacy of test results. Projects are structured on a three-tier of independence depending on the project needs:

- Collaborative - both parties share responsibility
- Arm's length - Vineland handles the analysis and reporting independently
- Third-party - Vineland conducts entirely independent testing with basic client support

The client then receives a detailed technology validation report, summarizing findings and recommendations. This report also includes quantitative data, performance metrics and actionable insights, empowering the client to make informed decisions about its technology's adoption or improvement.

If results are to be published, both Vineland and the client must agree to the terms of publication. Vineland remains sensitive to potential reputational risks associated with inaccurately portrayed results and the impact of negative findings on clients and client relations.

Please contact our team for personalized pricing based on the scope and complexity of your project. Our pricing structure is flexible and tailored to meet the specific requirements of each client.

## Who can benefit?

Our technology validation service offers rigorous and unbiased assessments of new technologies related to plant production, automation and horticultural practices. It is ideal for:

- growers
- agricultural technology developers
- equipment manufacturers
- research institutions
- government agencies

## Which applications?

This service is adaptable to various horticultural crops such as fruits, vegetables and ornamentals and can be applied to a wide range of products, including:

- vertical farms
- automated crop systems
- crop monitoring devices
- greenhouse technologies
- precision agricultural solutions

## Looking for more information or a service quote?

### Contact:

Brian Lynch, PhD

Director, Horticultural Technology Solutions

 [brian.lynch@vinelandresearch.com](mailto:brian.lynch@vinelandresearch.com)

[vinelandresearch.com](http://vinelandresearch.com)



@vinelandrsrch



vineland-research-and-innovation-centre



VinelandComm

