



Horticultural & Environmental Sciences Innovation Centre

Solutions for Industry

Niagara College's Horticultural & Environmental Sciences Innovation Centre specializes in performing growth trials with horticultural crops that evaluate innovations and improvements. We have extensive experience in innovations that are close to commercialization. Our expertise includes assessing technologies, production practices, packaging, media and pots, pest and disease control approaches and more.

Work with us to:



**CONDUCT
GROWING TRIALS**
for greenhouse,
controlled-environment
agriculture and
cannabis cultivation

*"The level of collaboration
between the research team
and our company was
outstanding. It felt like we
were all working towards
identifying breakthrough
opportunities to
improve agriculture."*

**- Mark Pearlman,
IZC PRESIDENT AND COO**



access specialized
equipment in our
Health Canada licensed
CANNARESEARCHBUNKER
for cannabis
research trials



**Niagara
College
Canada**
APPLIED DREAMS.

Do you have an innovative idea but lack the resources to bring it to life?
MEET WITH US. WORK WITH US.

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Horticultural & Environmental Sciences Innovation Centre

The Horticultural & Environmental Sciences Innovation Centre works with subject matter experts and students from several programs, including Greenhouse Technician (Co-op), Horticultural Technician (Co-op), Commercial Cannabis Production, Commercial Beekeeping and Environmental Technician, to provide a wealth of knowledge to industry partners, giving them a competitive advantage in researching solutions.

We specialize in:

GROWTH AND TECHNOLOGY TRIALS

We engage our experts to evaluate innovations, technologies, processes and improvements that impact horticultural crops. Our research team utilizes Ontario's largest training greenhouse, located on-campus in Niagara-on-the-Lake. Our resources also feature a controlled-environment agriculture facility and specialized equipment dedicated to cannabis research trials.

INTEGRATED PEST MANAGEMENT STRATEGIES

Accessing specialists to provide expertise and input on strategies and approaches for various crops through IPM trials.

CANNABIS CULTIVATION

Conducting research trials led by experts in the biological and cultural practices of cannabis production. Trials include: plant nutrition, environment, lighting, climate control, pest control and cultivar selection.



OUR INFRASTRUCTURE INCLUDES A

16,000
SQUARE-FOOT GREENHOUSE

plus:

HEALTH CANADA LICENSED CANNABIS
AND HEMP RESEARCH GROWING FACILITIES,
INCLUDING GREENHOUSE, OUTDOOR
AND CONTROLLED-ENVIRONMENT