

Innovation and Technology Road Map for Ontario Tree Fruit

Source Guide

The list below provides links to some local and non-local dealers and suppliers of identified technologies in the Technology and Innovation Road Map. The list may not include all dealers and suppliers and will be updated as new information and innovative technologies arise.

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- Battery Operated Pruners
 - C. Frensch Ltd, 905-563-5053 (Felco battery pruners)
 - [Lakeview Vineyard Equipment Inc.](#) (Infaco battery pruners)
- Battery Operated Tying Tools
 - [Pellenc USA](#)
- Bin Carriers/Trailers
 - Don Arthur Orchard Equipment, donarthur3@gmail.com
 - [Eastern Manufacturing and Design](#)
 - [Huron Fruit Systems](#)
 - [Ontario Orchard Supply](#)
 - [Phil Brown Welding](#)
 - [Provide Agro](#)
- COVID-19 Risk Mitigation
 - [Workplace PPE Supplier Directory](#) (Ontario Government)
 - [CleanWorks Corp.](#)
 - [Facedrive Inc.](#)
 - [N.M. Bartlett](#)
 - For Air Filtration Equipment - contact your local HVAC company
- Data Management
 - [CropTracker](#)
 - [Vivid Machines](#)
- Detection Systems for Spray Applications
 - [HOL Spraying Systems](#)
 - [Provide Agro](#)

- [Redtrac International](#)
- Frost protection
 - [AgroFrost Canada](#) (FrostGuard/FrostBuster)
 - [Amarillo Wind Machines](#)
 - [CWC Equipment](#) (Chinook wind machines)
 - [Lakeview Vineyard Equipment Inc.](#) (Orchard Rite wind machines)
 - [Provide Agro](#) (Shurfarm)
 - [Vailmont Vineyards](#) (Tow & Blow Wind Machines)
- GPS guided tree planters
 - [Huebel Estates](#)
- Hail Protection
 - [Gintec](#)
 - [ProduceTech](#)
- Hand Blossom Thinning (Cinch)
 - [Miller Produce USA \(Michigan\)](#)
- Harvesters (Mechanical/Vacuum/Robotic)
 - [FF Robotics](#)
 - [Tuthill Apple Sweepers](#)
- Harvest Containers (Totes and/or Bins)
 - [Decade Products](#)
 - [Dubois Agrinovation](#)
 - [IPL Macro USA](#)
- Hedgers (summer pruning)
 - [Ontario Orchard Supply](#)
 - [Provide Agro](#)
- Mechanical Blossom Thinning
 - [Provide Agro](#)
 - [Fruit Tec – Darwin Blossom Thinner](#)
- Mechanical Brush Sweeping Equipment
 - Don Arthur Orchard Equipment, donarthur3@gmail.com
 - [H&W Equipment](#)
 - [Lakeview Vineyard Equipment Inc.](#) (BE Brush Rakes)
 - [Provide Agro](#) (VanWamel)
- Mechanical In-Row Weed Control
 - [H&W Equipment](#)
 - [Lakeview Vineyard Equipment Inc.](#) (Clemens side radius)
 - [Ontario Orchard Supply](#)
 - [Provide Agro](#)

- Mechanical Leaf Removal
 - [Lakeview Vineyard Equipment Inc.](#)
 - [Provide Agro](#)
- Multi-row Spraying Equipment
 - [Croplands](#)
 - [Provide Agro](#)
- Platforms
 - [AgroFrost Canada](#)
 - [Automated Ag](#)
 - [Ontario Orchard Supply](#)
 - [Provide Agro](#)
 - [ProduceTech](#)
- Post-Harvest Packing Equipment (includes bin dumpers, optical defect sorters, weight sizers, packaging (bags & trays), carton assembly, palletizing equipment)
 - [Compac Packing Systems](#) (Spectrim, Ultraview, Inspectr2, Invision)
 - [MAF Packing](#)
 - [N.M. Bartlett Inc.](#)
 - [Provide Agro](#) (Greefa Systems)
- Post-Harvest Storage (Cold and CA) including Monitoring Equipment
 - [Besseling](#)
 - [Isolcell](#)
 - [ProduceTech](#)
 - [Storage Control Systems](#)
 - [Van Amerongen](#)
- Precision Thinning
- Three-wheeled bucket (single or multi- operators)
 - [Gillison's](#)
- Tractors with dual PTO
- Trickle Irrigation Equipment
 - [Vanden Bussche Irrigation & Equipment Ltd.](#)
- Weather Stations
 - [Davis Instruments](#)

Technologies still in the development stage include:

- Robotics with AI and Vision Sorting
- Vacuum Harvesting
- Autonomous Tractors
- Autonomous Sprayers