

## Canadian Agri-Science Cluster for Horticulture 3



### Update to Industry

2018-2019

<b>Activity title:</b> Optimizing Storage and Postharvest Practices to Reduce Apple Loss and Improve Quality
<b>Name of Lead Researcher:</b> Dr. Jennifer DeEll
<b>Names of Collaborators and Institutions:</b> Ontario Ministry of Agriculture, Food and Rural Affairs
<b>Activity Objectives (as per approved workplan):</b> <ol style="list-style-type: none"> <li>1) Optimize postharvest practices and storage regimes for rising cultivars (i.e. Honeycrisp, Ambrosia, and Gala strains)</li> <li>2) Evaluate new low oxygen storage and dynamic regimes to reduce apple loss</li> <li>3) Investigate new technology for harvest management and fruit maturity</li> </ol>
<b>Research Progress to Date (use plain language):</b> Apples are currently in storage for 2018-19 season.
<b>Extension Activities (presentations to growers, articles, poster presentations, etc.):</b>  DeEll, J. 2019. 'Honeycrisp': Keeping smiles for 8 months? Presentation at the Ontario Fruit and Vegetable Convention, Niagara Falls, ON.  DeEll, J. 2018. Storage advice for the mystifying 'Honeycrisp' apple. <i>The Grower</i> 68(5):22. DeEll, J. 2018. Timing of Harvista™ orchard spray influences quality of 'McIntosh' apples. <i>Orchard Network newsletter</i> 22(3):12-13. DeEll, J. 2018. Recommandations d'entreposage. <i>Bulletin aux Pomiculteurs</i> 41(1):3.

**Early Outcomes (if any) or Challenges:**

N/A... Too soon.

**Key Message(s):**

N/A... Too soon.

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