

## Ontario Tree Fruit Innovation and Technology Roadmap

### Carton Assembly

#### Evaluating New Technologies

	Feasibility and cost	Implement	Labour Reduced	Changes in production	Training for staff	Impact on risk of COVID-19 Transmission
	low, medium, high	easy, medium, challenging	% estimate	easy, medium, hard	none, medium, high	none, low, medium, high
Carton Assembly	high	medium	30-50	medium	medium	high

Current Status This equipment automatically makes boxes. One tender fruit shipper-dealer delivers pre-made boxes directly to its growers on demand. Some packers are also using reusable containers that are picked up with from the grocery chain store every time a delivery is made to their grocery warehouse.

Feasibility of Implementation - Cost is high, Implementation is moderate.

Impact on Labour- The cost is high but implementing % is moderate.

COVID-19 Mitigation Risk - The risk for exposure is very low since very few workers are involved.

Need for Change, Research and Training - This improves productivity and can significantly reduce labour. Training is easy once established.