



Canadian Food
Inspection Agency

Agence canadienne
d'inspection des aliments

Canada Report: 2019 NAPPO Annual Meeting

Canadian Food Inspection Agency

October 29, 2019; Montreal, QC



Canada 

Canada Report, 2019

- Canada's Plant Health Program
- Plant Pest Information and Updates
- Closing thoughts

CFIA and Plant Health

- The Canadian Food Inspection Agency (CFIA) is Canada's National Plant Protection Organization.
- Protect Canada's agriculture, forestry, natural resources from the economic and environmental impact of introduced plant pests:
 - Prevent import, export and spread of plant pests;
 - Regulate the import, export and domestic movement of agricultural and forest products and other things;
 - Facilitate access to foreign markets - phytosanitary perspective.
- Partners: other federal departments and agencies (e.g., CBSA, AAFC, NRCan, GAC), provincial / territorial governments, industry, academia, citizens, contracting parties to the IPPC.

Changes in Plant Health Program Organization at the CFIA

- In October 2018, the CFIA split its plant health programs between two branches: Policy and Programs Branch (PPB) and International Affairs Branch (IAB).
- PPB remains responsible for import and domestic programs, export programs with the US, and technical standards (content).
- IAB is responsible for export programs (other than US) and strategic engagement in international standards and initiatives.

Plant Health Initiatives in Canada

- Federal – provincial relationship.
 - Emphasis on cooperation and collaboration.
 - First responder / last responder.
- Consistency and evolution of federal programs over time.
 - E.g., Potato Cyst Nematode.

Plant Health Initiatives to Highlight

- Implementing our Animal and Plant Health Strategy
- Country-to-country information sharing and collaboration e.g., Asian Gypsy Moth.
- North American Sea Container Initiative.
- E-commerce as a risk pathway.
- IPPC:
 - Funding and hosting the expert working group for the development of draft ISPM on *Audit in the phytosanitary context*.
 - Funding the expert working group for the development and publication of the Guide on Pest Free Areas.
 - Providing 1 FTE resource to the IPPC Secretariat for the coordination and initiation of the eCommerce project.

Plant and Animal Health Strategy for Canada

- The Strategy identifies action in:

Coordination through partnership and collaboration

Preventative approaches to safeguard plant health

Collection, analysis and sharing of information

Enabling desired behaviours

- Have established multi-partner **Canadian Plant Health Council (CPHC)** to coordinate and oversee implementation
 - Agriculture and forestry industry; academia; federal, provincial and territorial (FPT) governments
 - Focused work plan of prioritized activities over next two years
- Have established FPT Senior Plant Health Officials Committee



Asian Gypsy Moth (AGM) Vessel Certification Program

- Vessel pre-departure certification program is lowering the AGM risk to North America.
- High level of compliance with AGM requirement to obtain certificates.
- In 2018 and 2019: high AGM populations reported in some regulated areas → AGM detections on more incoming vessels in 2019.
- But we had anticipated and prepared for this event, due to:
 - On-going engagement with AGM regulated areas
 - Understanding of cyclical nature of AGM populations.
- Joint APHIS-CFIA bulletin issued to shipping industry in July 2019 regarding high populations and need for checking of vessels by crews en route to North America.

Risk Pathways and Biosecurity

- Canada is a signatory to the **Convention on Biological Diversity** with a target that by 2020, invasion pathways will be identified, prioritized and managed to prevent the introduction of invasive alien species.
- The **National Invasive Alien Species Strategy for Canada** recognises prevention through a pathways approach, as a high priority in the management of invasive species.
- **Awareness and education** are key in changing behaviours and promoting compliance as the impacts of economic drivers such as trade, travel and transportation, continue to increase.

Plant pests and pathways

Potentially injurious organisms

Sea Containers

Partnership and collaboration is key.

Understanding promotes compliance.

E-commerce

Asian Gypsy Moth

Invasive Plants

In-transit

Shared risk = Shared Responsibility.

E-Commerce



- Internet and mail order catalogue sales of regulated pests and potential invasive alien species including plants, molluscs and insects.
- Education and awareness campaign for the import and distribution of invasive species through the e-commerce pathway is key.
- Inform Canadian importers and exporters of invasive pests, import regulations and requirements in Canada and other countries
- Work with partners (e.g., Canada Border Services Agency, Australia, U.S., New Zealand)

Pest surveys

- This year's surveys are still underway and will continue into the Fall.
- Annual survey report summaries are available on our website:
www.inspection.gc.ca .
- Full survey reports are available on request (link is on the website).

Plant pest updates

Japanese beetle



Japanese Beetle



- The Japanese Beetle Eradication Program is in its second year.
 - led by the province of British Columbia (BC); various government and industry stakeholders.
- CFIA is surveying for Japanese Beetle within the regulated area and throughout Metro Vancouver and the Fraser Valley.
- Detections expected within the regulated area June 15 to October 15 (flying period for adult beetles).
- Results will help to assess whether treatments by the City of Vancouver and Province of BC are working as expected.
- CFIA will publish the full survey results on its website at the end of 2019.

Cherry Leaf Roll Virus



CANADA – Political

- International boundary
 - - - - International boundary (disputed)
 - - - - 370 km Exclusive Economic Zone (EEZ) boundary
 - - - - Provincial/territorial boundary
- ☆ **Ottawa** National capital
 ◇ **Regina** Provincial/territorial capital
 ● **Kamloops** Other locale



Cherry Leaf Roll Virus

- Cherry Leaf Roll Virus is a regulated pest of Canada.
- May 2019: CFIA confirmed CLRV in two samples of *Prunus* species material submitted for preliminary virus testing. Samples originated from facilities associated with the Canadian Fruit Tree Export Program (CFTEP), so exports of *Prunus* plants were temporarily suspended pending further investigation.
- Trace forward and trace back investigations determined that no infected material entered the CFTEP. *Prunus* exports re-established on June 14, 2019.
- CFIA has engaged with Washington State to discuss best management practices for the pest and is working to implement them in the CFTEP.

Light Brown Apple Moth

- Not present in Canada.
- Relaxing LBAM-related phytosanitary requirements.
- D-07-03 - Phytosanitary import requirements to prevent the entry of *Epiphyas postvittana* (light brown apple moth): Removing phytosanitary requirements for cut flowers and fresh branches from California destined to Canadian provinces other than British Columbia (BC).
- Removing requirement of phytosanitary certificate for regulated articles in-transit through BC under these 4 Directives:
 - D-07-03: Phytosanitary import requirements to prevent the entry of *Epiphyas postvittana* (light brown apple moth); D-95-08: Phytosanitary import requirements for fresh temperate fruits and tree nuts; D-00-07: Phytosanitary requirements to prevent the introduction and spread of apple maggot, *Rhagoletis pomonella* (Walsh); D-99-04: Systems Approach Based Oriental Fruit Moth Certification Program.
- Updates to Directives are underway.

Hemlock Woolly Adelgid



Hemlock Woolly Adelgid



Nova Scotia

- July 2017: detected hemlock woolly adelgid (HWA) in SW Nova Scotia.
- Implemented movement restrictions and established a regulated area at the county level (5); annual surveys to delimit the spread.
- HWA has not been detected outside of the regulated area since the 2017 report.

Ontario

- Previous incursions in southern Ontario (Niagara Region) between 2012 and 2015. Infected trees removed.
- In 2019, HWA detected again in the Niagara Region at two locations.
- CFIA is working with landowners to determine the extent of the infestation and exploring tree removal and other control options.

Closing thoughts

- NAPPO cooperation, collaboration and information sharing are key to keeping plant pests out of North America.
- We impact each other with our domestic control measures.
- Always looking for ideas to create a win-win in our plant protection context.

Questions?

Comments?