Canada Report: 2019 NAPPO Annual Meeting

Canadian Food Inspection Agency

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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
collaborationPreventative
approaches to
safeguard plant
healthCollection,
analysis and
sharing of
informationEnabling
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 <u>pathways</u> 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 <u>pathways</u> 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 <u>trade</u>, <u>travel</u> and <u>transportation</u>, continue to increase.



E-Commerce

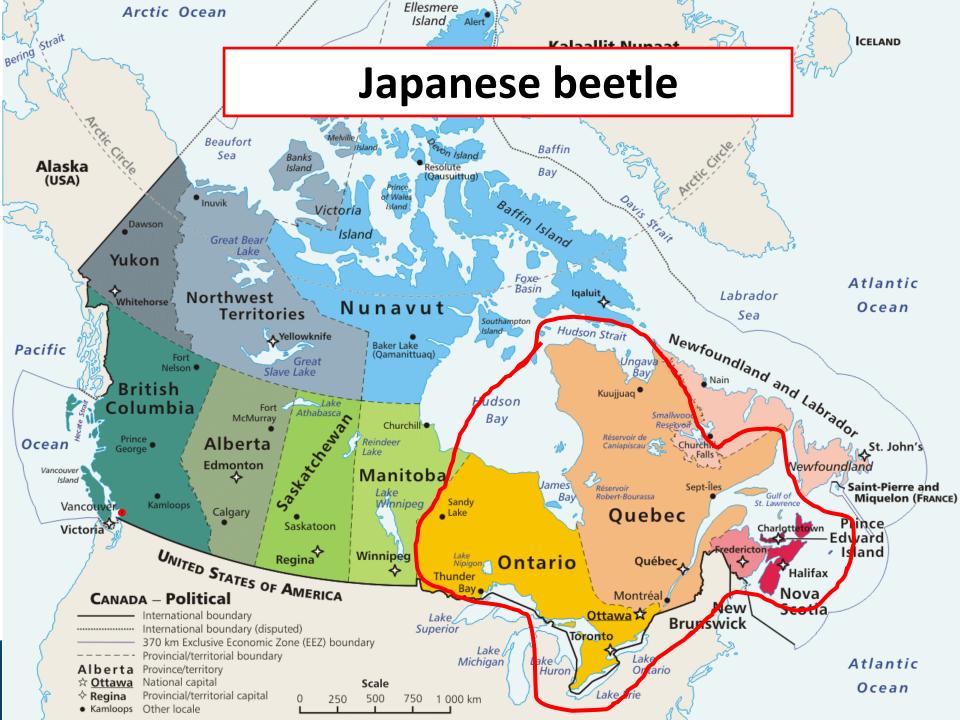


- Internet and mail order catalogue sales of regulated pests and potential invasive alien species including plants, molluscs and insects.
- Education and awareness campaign for the import and distribution of invasive species through the e-commerce pathway is key.
- Inform Canadian importers and exporters 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: <u>www.inspection.gc.ca</u>.
- Full survey reports are available on request (link is on the website).

Plant pest updates



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.

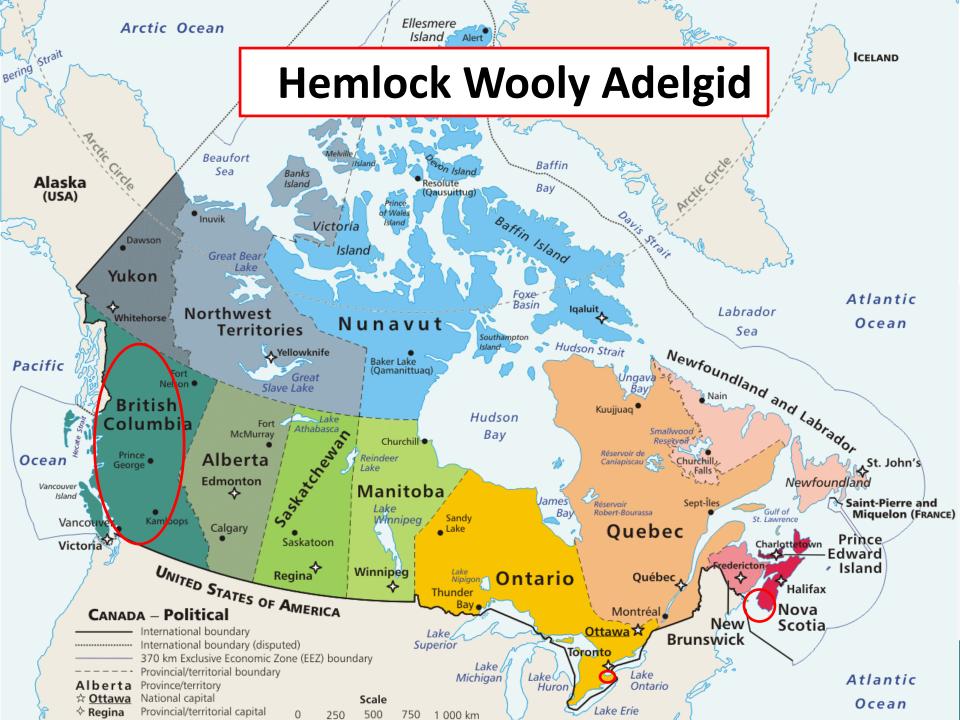


Cherry Leaf Roll Virus

- 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 reestablished 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



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 winwin in our plant protection context.

