



Canada Report 2014
National Plant Board Annual meeting

Greg Wolff
 Chief Plant Health Officer
 Canadian Food Inspection Agency
 July 28, 2014



Canada Report 2014

- Organizational changes within the CFIA and the Plant Health & Biosecurity Directorate
- Regulating Grain Imports: Grain Import Framework (GIF)
- Seed Potato Tuber Quality Management Program (SPTQMP)
- Brown Spruce Longhorn beetle
- Emerald Ash borer: Situation in 2014
- Asian long-horned beetle: Situation in 2014
- Plum Pox Monitoring and Management Program
- Wood packaging: Perimeter and within North America
- Wood packaging: ISPM 15 workshop in Asia



Organizational changes in the CFIA

- Dr. Bruce Archibald was appointed President of the Canadian Food Inspection Agency (CFIA) effective August 12, 2013.
- In October 2013, the Government announced that the CFIA will report to the Minister of Health.
- Dr. Bill Anderson is the ED of the Plant Health & Biosecurity Directorate.
- Directorate restructure (interim)
 - Plant Protection Division
 - Plant Production and Inputs Division
 - Strategic Initiatives and Modernization Division



Regulating Grain Imports: Grains Import Framework (GIF)

- Providing Canadian importers with choices to help them manage business risk and be compliant with the *Plant Protection Act (PPA)*.
- Importing grain certified as pest free with a phytosanitary certificate or equivalent document in compliance with the *PPA*
- Importing uncertified grain with a permit and bringing the shipment into compliance with the *PPA*



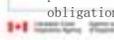
Objectives for the GIF

- Promoting maximum compliance with phytosanitary import requirements while striking a balance to be minimally restrictive to trade.
- Grain imported into Canada has always been regulated (e.g. for fungal pathogens of wheat).
- Pest risk assessments identified four new pests (weeds) associated with the grain import pathway which were added to the *List of Pests Regulated by Canada* in 2012-2013.



Seed Potato Tuber Quality Management Program (SPTQMP)

- Budget 2012 initiative was to expand on the use of the SPTQMP
- The CFIA stopped using the SPTQMP for all shipments destined to the US in January 2014
 - Based on comments from the U.S., in January 2014 the CFIA implemented interim measures for the certification of all seed potato shipments destined for the U.S.
- The CFIA is now pursuing the development of an alternative approach for seed potato tuber inspection and certification
 - A potato industry stakeholder/ federal government taskforce has been established to explore options.
 - Once an acceptable alternative approach has been developed, the CFIA will commence consultation with producers and will be fully independent of the potato industry.
 - The alternative approach will be fully independent of the potato industry and will be consistent with international obligations and standards

Brown Spruce Longhorn Beetle

- Established in Nova Scotia
- Consulting with regional stakeholders on revised regulatory approach (zone expansion and predictable triggers)
- National consultations to follow
- Goal remains to 'Slow the Spread'
- Majority of exports are heat-treated and risk-free
- Industry movement of regulated articles is regulated through a facility compliance program
- 2014 survey results are starting to arrive
- One detection in New Brunswick



Emerald Ash Borer Situation in 2014

Area affected:

- Two Provinces affected: ON = 44 counties, QC = 31 regions
- Regulated Areas: ON = 184,066 km², QC = 28,974 km²

Impacts:

- All North American and many exotic species of ash (*Fraxinus* spp.) are susceptible to EAB attack and infestation
- In Quebec, EAB has mainly affected cities (Gatineau, Carignan/Chambly and Montreal)

Regulatory action:

- No change in regulatory action (slow the spread): ash and firewood can move within the regulated area, but can not move outside the regulated area without CFIA written permission - firewood movement is discouraged within the regulated area
- Number of EABAFCP's: ON = 22, QC = 10
- Increased communication efforts to convey the slow the spread message

Emerald Ash Borer Research in 2014

Research:

- Robert Lavallée (CFS): "New trap development - the trap contains a fungi, which infects the temporarily trapped beetle, which then escapes later and infects other beetles with the fungi"
- Dean Thompson (CFS): "Mechanisms of action, integration and environmental assessment of systemic insecticides for invasive wood boring insects"
- Krista Ryall (CFS): "Development of semiochemical strategies for detecting, monitoring and managing emerald ash borer"
- Krista Ryall (CFS): "Development of ecological methods and procedures for early detection of EAB infestation"
- Barry Lyons (CFS): "Biology, and biological control of emerald ash borer"
- Christian MacQuarrie (CFS): "Determining tolerable injury levels for emerald ash borer management"
- Dave Kreutzweiser (CFS): "Ecological risk assessment of emerald ash borer"
- Daniel Doucet (CFS): "Haplo-nomics - Host, *Agrilus planipennis*"

Asian Long-horned Beetle Situation in 2014

Area affected:

- One small area affected: City of Mississauga and parts of the city of Toronto
- Regulated Areas: ON = 46 km²

Resource affected:

- Host tree species: *Acer* (Maple), *Aesculus* (Horsechestnut), *Albizia* (White Silk), *Betula* (Birch), *Celtis* (Hackberry), *Cercidiphyllum* (Katsura), *Koelreuteria* (Goldenrain Tree), *Platanus* (Plane or Sycamore), *Populus* (Poplar), *Salix* (Willow), *Sorbus* (Mountain Ash), and *Ulmus* (Elm).
- Four hosts (Maple, Poplar, Willow, Birch) were removed in an 800 m removal buffer around suspect and infested trees. Total of approximately 7,500 trees were removed

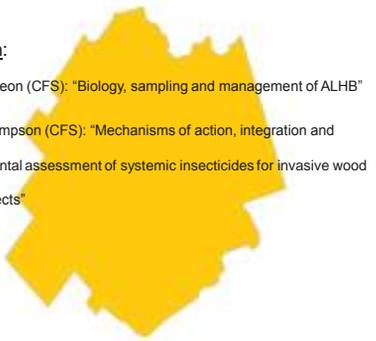
Regulatory action:

- Infested place order in effect for affected areas in Toronto and Mississauga
- Eradication under way

Asian Long-horned Beetle Research in 2014

Research:

- Jean Turgeon (CFS): "Biology, sampling and management of ALHB"
- Dean Thompson (CFS): "Mechanisms of action, integration and environmental assessment of systemic insecticides for invasive wood boring insects"



Plum Pox Monitoring and Management Program

- Since the 2011 establishment of the program the CFIA has sampled the following areas on an annual basis for the Plum Pox Virus (PPV):
 - Orchards 1.5 km inside the perimeter of the Niagara quarantine area
 - Orchards 10 km outside of the perimeter of the Niagara quarantine area
 - Residential areas 1.5 km inside and 1.5 km outside of the Niagara quarantine area
- A 2005 propagation ban to prohibit the propagation of PPV susceptible species within the Niagara quarantine area remains in place.
- An oil spray is available for use by producers to prevent aphid spread of PPV.
- Regulatory controls prevent the movement of PPV susceptible species from the Niagara quarantine area.

Wood packaging – Perimeter and Within N. America

- Canada-U.S. have completed a draft feasibility study on improving harmonized standards for managing wood packaging entering the continent
 - Approval of the study anticipated soon
- Implementation of ISPM 15 for Canada-U.S. wood packaging
 - Canada and the U.S. will pursue harmonized implementation
 - Implementation plans will commence with U.S. publication of rule for Canadian wood packaging.
 - Canada-U.S. to phase-in implementation over 24 months to allow sufficient time for effective trade adaptation
 - Canada has completed economic impact assessment
 - General readiness within the wood packaging sector
 - Outreach to exporters critical to minimize trade disruption
 - Canadian interdepartmental group has recommended strategy for implementation
 - Delayed enforcement and outreach critical in reducing trade impact
 - Targeted monitoring of imports



Wood packaging – ISPM 15 Workshop, Beijing, China

- Organized by The Asia Pacific Plant Protection Organization (APPPC), North American Plant Protection Organization (NAPPO) and Chinese Ministry of Agriculture
- Goals: review successes and challenges in implementation and collaboratively establish recommendations for compliance improvement
- Attended by 43 participants, from 15 countries, representatives of NAPPO, APPPC and the International Plant Protection Convention (IPPC)
- Participants felt the workshop was very successful.
- Recommendations include:
 - Improved guidance for national plant protection organizations (NPPOs)
 - Harmonized practices
 - Recommendations to the Commission on Phytosanitary Measures (including the development of an international workshop)
- Results of the workshop, presentations provided, etc. posted on NAPPO's web site

