



NATURAL RESOURCES CANADA - INVENTIVE BY NATURE

Systems Approaches for Wood Pest Risk Reduction

November 1, 2016

Montreal, Canada

Systems Approach Expert Group



Natural Resources
Canada

Ressources naturelles
Canada

Canada

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Phytosanitary Systems Approaches

Increasing international interest in reducing reliance on pesticides driving investigations of systems approaches to mitigate quarantine pest risk

- Potential for improved overall pest mitigation
- Reduced reliance on individual measures
- Potential measures (surveillance, sorting, debarking, inspection, treatment, etc)
- Equivalence of measures



Existing/Proposed Systems Approaches

- ISPM 14 – *The use of integrated measures in a systems approach for pest risk management*
- ISPM 36 - *Integrated measures for plants for planting*
- NAPPO proposed standard: *Use of Systems Approaches in Managing Pest Risks Associated with the Movement of Forest Products*





NAPPO

North American Plant Protection Organization

Organización Norteamericana de Protección a las Plantas

MEXICO - USA - CANADA

Specification for a Standard on the Use of Systems Approaches in Managing Pest Risks Associated with the Movement of Forest Products

1. Describe the wood, production practices and pests associated with the commodities covered by the standard;
2. Describe measures which may be applied pre-harvest and during: harvest, transportation of the raw material, production and export which may be integrated to address pest risks.
3. Describe the points at which these measures may be applied in the production system to maximise pest mitigation;
4. Consider the relationship between infested areas and pest free areas and the general aspects (including the practical application) of surveillance within the systems approach;
5. Consider whether the intended use of the commodity affects pest risk;
6. Describe the level of oversight and the specific duties of the NPPO in the exporting country, the NPPO in the importing country, cooperators and industry;
7. Describe what constitutes non-compliance in the system and which remedies should be applied.

Opportunities for mitigating forest pests

In the forest

- Silvicultural practices to reduce pests
- Surveillance
- Choosing trees to harvest and process

After harvest

- Grading and “scaling” of logs
- Sawing
- Grading sawn wood
- Treatments applied to sawn wood
- Post-entry measures



Two products:

Standard: draft has been developed will be submitted to the NAPPO executive for approval and release for country consultation

Guidance Document: Provides practical examples and scientific references for the phytosanitary measures proposed in the standard. Draft will be completed following adoption of the standard.





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