



NAPPO

North American Plant Protection Organization

Organización Norteamericana de Protección a las Plantas

MEXICO - USA - CANADA

Progress Report 2016

Expert Group on Likelihood of Establishment

LoE

Guidance on the evaluation of likelihood of establishment in pest risk analysis for quarantine pests



Rob Favrin
Canadian Food Inspection Agency
Chairperson of the Expert Group
40th NAPPO Annual Meeting
November 1, 2016

2016-16 NAPPO Expert Group Members



Rob Favrin
CFIA



Christina Devorshak
Yilmaz Balci
USDA-APHIS-PPQ
Jim Cranney
Industry



Aideé Campuzano
DGSV-SENASICA
Alejandra Elizalde
Industry



NAPPO

North American Plant Protection Organization
Organización Norteamericana de Protección a las Plantas
MEXICO - USA - CANADA



Expert Group on Likelihood of Establishment

Objectives

1. Provide harmonized guidance on the evaluation of likelihood of establishment when conducting a pest risk analysis
2. Review and discuss international as well as regional guidance on how to evaluate likelihood of establishment for a pest
3. Describe key criteria that can be used to evaluate likelihood of establishment



NAPPO

North American Plant Protection Organization
Organización Norteamericana de Protección a las Plantas
MEXICO - USA - CANADA



Some issues related to LoE

- **Guidance in international and regional standards is very general**
 - Example - Climate should be considered, but standards do not provide explicit information on how climate may affect establishment, or how to evaluate the effect of climate
- **“Introduction” of a pest requires entry AND establishment**
 - Entry of a pest may sometimes be considered to automatically lead to establishment
- **LoE may change depending on how the commodity is used**
 - Example - likelihood of establishment of a pest on a commodity for consumption may change if that same commodity is planted



NAPPO

North American Plant Protection Organization
Organización Norteamericana de Protección a las Plantas
MEXICO - USA - CANADA

Expert Group on Likelihood of Establishment

Final product

- Develop a regional standard on Likelihood of Establishment or an annex to RSPM 40 - Risk Management

The final product should contain:

- A discussion concerning the interpretation of existing guidance available in current standards on PRA
- Examples that illustrate the different approaches when evaluating likelihood of establishment



NAPPO

North American Plant Protection Organization
Organización Norteamericana de Protección a las Plantas
MEXICO - USA - CANADA

Progress during 2016

- **SIX teleconferences** – 31 March, 19 May, 30 June and 25 August, 22 September, 13 October
- **Reviewed existing guidance** (e.g. ISPM 2, 11 and 32) and agreed that provide sufficient general guidance
- **Approach** -> focus on interpretation of guidance using pest-specific examples for the four main LoE elements (Environment, Hosts, Cultural practice/controls, Biology)



NAPPO

North American Plant Protection Organization
Organización Norteamericana de Protección a las Plantas
MEXICO - USA - CANADA



Next Steps

What remains to be done?

- Continue to collect examples from each member country for each of elements and clearly relate each one to LoE
- Discuss and agree on which examples will be used
- Add a general discussion
- Finish the document
- Propose a Nov 30, 2016 delivery



NAPPO

North American Plant Protection Organization
Organización Norteamericana de Protección a las Plantas
MEXICO - USA - CANADA