

38 Reunión Anual de la NAPPO, Huatulco, Oaxaca, México

38th NAPPO Annual Meeting, Huatulco, Oaxaca, Mexico

Grupo de Expertos en Cítricos de la NAPPO

NAPPO Citrus Expert Group

Emerging Plant Pest Template and Proposal

**Stuart W. Kuehn
USDA-APHIS-PPQ**



Grupo de Expertos en Cítricos de la NAPPO

NAPPO Citrus Expert Group Members

José Hernández, Chair, USA

Héctor Sánchez, México

Pedro Luis Robles, México

Luis Ángel Villarreal, México

Elena Iobana Alanís, México

Prakash Hebbar, USA

Robert Krueger, USA

Stuart Kuehn, USA

Industry contacts/contactos de la industria:

Juan L. Palau, México, CESV Nuevo León

Jim Cranney, USA / Jim Reynolds CCQC

José Renato Rivas, Viveros Everfresh





2015 Project Proposal: Citrus Expert Group

Identify new and emerging citrus pests of quarantine significance and methods for their identification.

- **Proposed as Discussion Document**
- **Template developed and used was based on the NPAG (New Pest Advisory Group) form, which is consistent with IPPC pest risk analysis standards, the Citrus Expert Group created a template to be used as a base for the documentation and discussion of new and emerging citrus pests. The template was approved by NAPPO and is available in Spanish and English.**
- **The Citrus Expert Group agreed to develop an emerging pest report addressing *Citrus Leprosis Virus*, CiLV. The draft report has been completed in Spanish and English, and will be forwarded for NAPPO country consultation.**



Considerations for the Project Proposal

- **Objective:** To deliver a discussion document / framework that would not be lengthy, be direct and concise for the NAPPO Region and other regional plant protection organizations in the Americas and beyond, such OIRSA (Organismo Internacional Regional de Salud Agropecuaria) and COSAVE (Comite de Sanidad Vegetal) since this diseases is present and or threatens their citrus industries.
- Determine the best way to communicate and exchange information and methods addressing phytosanitary issues for new and emerging citrus pests of quarantine significance.
- In discussions within our group, and based on current citrus pest pressures, it was agreed on that the Citrus Expert Group would focus on CiLV, the *Citrus Leprosis virus*.
- The group reviewed and decided that the use of the NPAG (New Pest Advisory Group) form could be utilized. The NPAG Form is currently used in USDA-APHIS-PPQ to address New pests of concern.
- Being able to produce a discussion document of which would not take up a lot of time and resources while meeting the NAPPO Strategic Plan's Goals and Objectives.
- Engaged and obtained comments from NAPPO country Subject Matter Experts



NAPPO

North American Plant Protection Organization
Organización Norteamericana de Protección a las Plantas

Pest Report

Scientific name Author: Common name

Order: Family

Approval Date:

Draft submitted: Put the date that you last modified the report here, and change the date every time you submit a new draft.

Photo (optional)

Photo credit and source

Synonym(s): List known synonym(s) here. If none are known, write "none."

Pest Overview:

Exotic status: Write a concise statement that clearly indicates whether your pest is new to the United States, Mexico, or OIRSA countries, reintroduced, a regulatory incident, or not present, with a pathway for introduction (specify the pathway). Note that a pest can be both a regulatory incident (i.e. a single interception or eradicated infestation) and not present in the area with a pathway for introduction.

Known pest status in USA, Mexico, & OIRSA countries: Write a brief statement about the known pest potential. Use the definition of pest provided in the IPPC Glossary of Phytosanitary Terms (ISPM 5). Consider the following questions when writing this paragraph: Does the organism cause major or minor damage anywhere in these countries? Is the organism a primary or secondary pest? Does the organism kill the host or only defoliate? Is this a pest of the host during production or post-harvest?

Host range in USA, Mexico, & OIRSA countries: Provide a list of hosts arranged by plant family (e.g., Family - *Scientific name* (common name), Family - *Scientific name* (common name) (references)). Emphasize primary hosts, if known. Provide specific notes (if any) in a separate paragraph, and discriminate the data for the most accurate and current information. What are the primary hosts where the pest naturally occurs? Indicate any uncertainty in the host list in the separate paragraph; do not just list all reported hosts in the literature.

Potential pathways of new introductions: Write a short paragraph or two that provides information on any means (e.g., importation of a host, interstate trade, smuggling, a hurricane...) that would allow the introduction of the pest as defined by the IPPC (ISPM 5). Some questions to consider when writing this section: Is the pest a contaminating pest? Can the pest survive saprophytically for an extended length of time? Is the pest associated with the internal contents of a commodity? Is it capable of being a vector of another pest organism? Check national regulations (for e.g., in the U.S., the [Nursery Stock Restrictions](#), [Fresh Fruits and Vegetables Import](#), [Cut Flowers and Greenery Import](#), [Seeds Not for Planting](#), and [Miscellaneous and Processed Products](#)) to determine if potentially infested or infected agricultural commodities are allowed to enter the countries.



NAPPO

North American Plant Protection Organization
Organización Norteamericana de Protección a las Plantas

Pest report

Citrus leprosis virus C (CiLV-C)

Citrus leprosis virus N (CiLV-N)

Citrus leprosis virus

Family: Rhabdoviridae (CiLV-N), non-designated (CiLV-C)

Genus: Dichorhabdovirus (CiLV-N), Cilevirus (CiLV-C)

Approval date:

Date submitted: July 8, 2014.



Photo: Alanis

Components to the Template

- **Pest Overview**
- **Geographic Distribution**
- **Status in MX,US and other countries at a regional level.**
- **Host and Vector Range**
- **Potential Pathway (s) of introduction**
- **Detection**
- **Control**
- **Management**
- **Current and potential Economic Impacts**
- **Trade implications**
- **Current / Potential Regulatory actions**
- **Next Steps : Communication with NAPPO Countries and Regional Organizations**
- **Further development of training opportunities and diagnostic information exchange could be realized.**

Summary

- **The Citrus Expert Group's considerations for the proposal included making the proposed discussion paper a quick, factual and effective informational document. Time to develop was approximately 3 months.**
- **Serves to improve / enhance Pest detection activities, and highlight where science, experience and innovation can inform, educate and provide solutions to countries engaged in combating these identified pests of concern.**
- **Would not only work for NAPPO countries but also serve to engage and provide outreach to strategic non-NAPPO countries in a Regional approach such as with OIRSA and COSAVE. México, Belize, Guatemala, El Salvador, Honduras, Nicaragua, Costa Rica, Panamá y República Dominicana, Brazil, Chile, Paraguay, Uruguay and Bolivia**
- **Based on comments received thus far, the discussion document will be sent for NAPPO country consultation and should be ready early in 2015.**
- **Template can be utilized by other NAPPO Expert Groups**
- **Addresses the need to produce a prioritized deliverable in a time sensitive manner**
- **Lastly, the objective is to also build stronger, strategic partnerships at regional and national levels.**

Grupo de Expertos en Cítricos de la NAPPO

NAPPO Citrus Expert Group

Thank you !



Pessimism never won any battle.

Dwight D. Eisenhower

