



**NAPPO**

North American Plant Protection Organization

Organización Norteamericana de Protección a las Plantas

**MEXICO - USA - CANADA**

# Progress Report 2018-19

## PAS Expert Group

### Phytosanitary Alert System (PAS)

**Ignacio Baez**

USDA-APHIS-PPQ-Science and Technology

**Chairperson | Presidente**

43<sup>nd</sup> NAPPO Annual Meeting | 43ra Reunión Anual de la NAPPO

October 29, 2019 | Octubre 29, 2019

# 2018-19 NAPPO Expert Group Members

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Heather Cumming -  
CFIA

Rajesh Ramarathnam -  
CFIA  
**Canada**



Ignacio Baez -  
USDA

Amanda Kaye -  
USDA  
**USA**



Ana Lilia Montealegre -  
SENASICA  
**Mexico**

# What is the NAPPO PAS?



North American Plant Protection Organization's  
**Phytosanitary Alert System**

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Welcome to the **North American Plant Protection Organization's (NAPPO)** Phytosanitary Alert System!

The Phytosanitary Alert System (PAS) provides up-to-date information on plant pest situations of significance to North America. This system is intended to facilitate awareness, detection, prevention and management of exotic pest species in North America. The PAS provides this information in two ways:

- 1) **Official Pest Reports**
- 2) **Emerging Pest Alerts**

"Official Pest Reports" are provided by National Plant Protection Organizations of Canada, the United States, and Mexico. They serve as official communication from the country of origin and are intended to comply with the International Plant Protection Convention's Standard on Pest Reporting (ISPM 17: 2002).

"Emerging Pest Alerts" are news items obtained from public sources. They do not serve as official communication from NAPPO. The "Emerging Pest Alerts" is an early warning tool for emerging plant pests that are not present in the North American region. In most cases, information within alerts is not confirmed with the corresponding National Plant Protection Organization. They are provided solely as an early warning to NAPPO countries and should be used with this disclaimer in mind.

**Free subscriptions** are available for periodic email notifications of new postings to the website.

**Recent Posts:**

-  *Lycorma delicatula* (White) (Spotted Lanternfly): APHIS Provides an Update on Activities - 09/21/2018
-  *Anastrepha ludens* (Mexican Fruit Fly): APHIS Removes the Quarantine Area in Brownsville, Cameron County, Texas - 09/20/2018
-  *Anastrepha ludens* (Mexican Fruit Fly): APHIS Removes the Quarantine Area in Encinitas, San Diego County, California - 09/20/2018
-  *Anastrepha ludens* (Mexican Fruit Fly): APHIS Removes the Quarantine Area in San Perlita, Willacy County, Texas - 09/20/2018
-  *Anastrepha ludens* (Mexican Fruit Fly): APHIS Removes the Quarantine in San Ygnacio Area of Zapata County, Texas - 09/20/2018

 Alert

-  Canada Official Pest Report
-  United States Official Pest Report
-  Mexico Official Pest Report



Medfly (*Ceratitis capitata*) by Scott Bauer, USDA Agricultural Research Service, [www.bugwood.org](http://www.bugwood.org) UGA1317082

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([www.pestalerts.org](http://www.pestalerts.org))

# Objectives and Deliverables

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## Project

Manage the NAPPO pest reporting system

## Objective 1

- Meet reporting obligations under the IPPC and to facilitate awareness, detection, prevention and management of non-indigenous plant pest species within North America

## Deliverables

- *Official pest reports* – comply with IPPC Standard on Pest Reporting (ISPM 17).
- *Emerging pest alerts* – news items of pests threats not present in NAPPO Region.

# Progress during 2018-19

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## PAS Expert Group:

- Posted 34 official pest reports
- Posted 5 emerging pest alerts



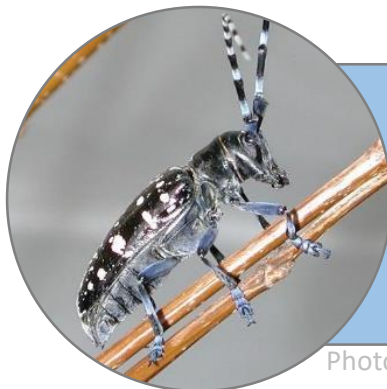
“Detection of Hemlock Woolly Adelgid (*Adelges tsugae*) at the Harold Mitchell Nature Reserve in Wainfleet, Ontario”

Photo: J. A. Weidhass



“Update on the outbreak of *Ceratitidis capitata* (Wiedemann) in the municipality of Manzanillo, Colima”

Photo: S. Bauer



“*Anoplophora glabripennis* (Asian Longhorned Beetle): APHIS Removes the Remaining Regulated Area in Brooklyn and Queens, New York”

Photo: M. Keena

## Progress during 2018-19

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### **PAS Expert Group:**

- Notified subscribers of new Official Pest Reports and Alerts on the PAS through the monthly email notification.
- Posted pertinent pest reports on the International Phytosanitary Portal with links back to the full reports on the PAS.
- 3566 subscribers: 192 additional users for the year



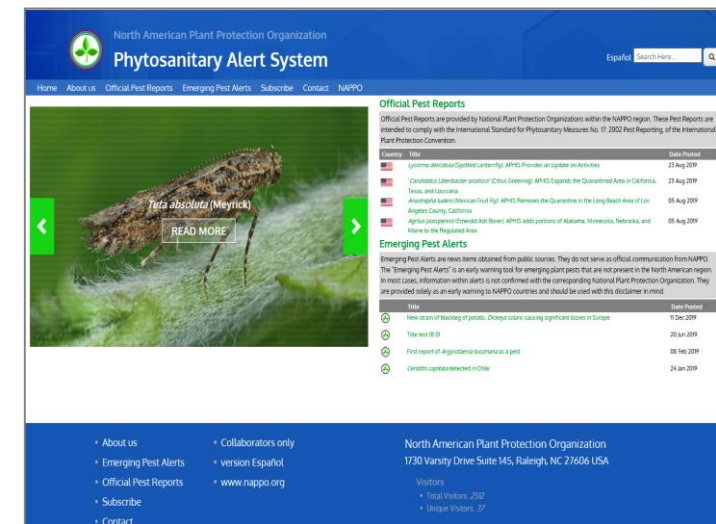
# Objectives and Deliverables

## Objective 2

- Update the NAPPO PAS platform

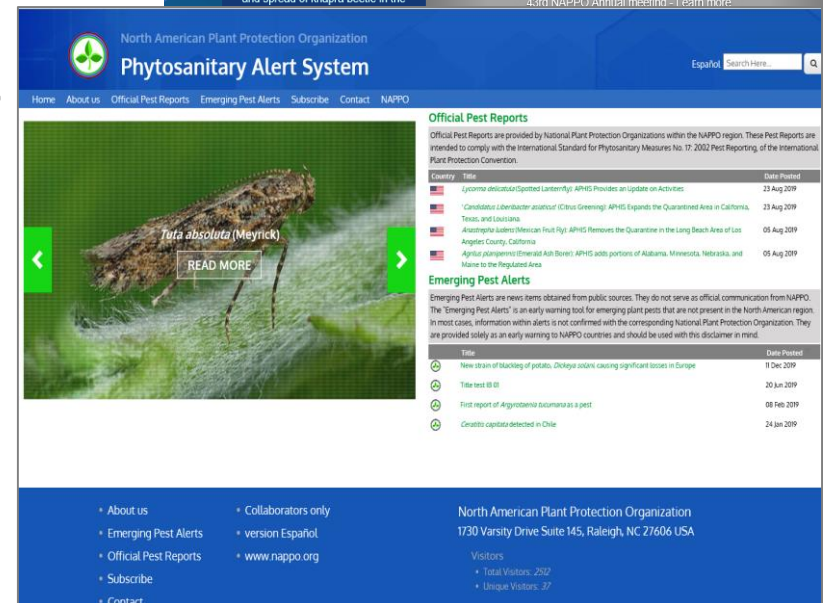
## Deliverables

- Re-designed site that is standardized with NAPPO site
- Upgraded software and code to prevent cyber attacks
- Linked system between PAS and IPPC portal



# Progress during 2018-19

- Completed the re-designing of the site to standardize it with NAPPO website.
- Completed the coding upgrades to prevent cyber attacks.
- Automating the connection between NAPPO PAS and IPPC portal is pending.





# Progress during 2018-19

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- Overview of the system
  - [www.pestalerts.org](http://www.pestalerts.org)
  - <http://test-aws.pestalerts.org/>

# New PAS overview



North American Plant Protection Organization

## Phytosanitary Alert System

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### Official Pest Reports

Official Pest Reports are provided by National Plant Protection Organizations within the NAPPO region. These Pest Reports are intended to comply with the International Standard for Phytosanitary Measures No. 17: 2002 Pest Reporting, of the International Plant Protection Convention.

Country	Title	Date Posted
	<i>Lycorma delicatula</i> (Spotted Lanternfly): APHIS Provides an Update on Activities	23 Aug 2019
	' <i>Candidatus Liberibacter asiaticus</i> ' (Citrus Greening): APHIS Expands the Quarantined Area in California, Texas, and Louisiana.	23 Aug 2019
	<i>Anastrepha ludens</i> (Mexican Fruit Fly): APHIS Removes the Quarantine in the Long Beach Area of Los Angeles County, California	05 Aug 2019
	<i>Agilus planipennis</i> (Emerald Ash Borer): APHIS adds portions of Alabama, Minnesota, Nebraska, and Maine to the Regulated Area	05 Aug 2019

### Emerging Pest Alerts

Emerging Pest Alerts are news items obtained from public sources. They do not serve as official communication from NAPPO. The "Emerging Pest Alerts" is an early warning tool for emerging plant pests that are not present in the North American region. In most cases, information within alerts is not confirmed with the corresponding National Plant Protection Organization. They are provided solely as an early warning to NAPPO countries and should be used with this disclaimer in mind.

Title	Date Posted
New strain of blackleg of potato, <i>Dickeya solani</i> , causing significant losses in Europe	11 Dec 2019
Title test IB 01	20 Jun 2019
First report of <i>Argyrotaenia tucumana</i> as a pest	08 Feb 2019
<i>Ceratitis capitata</i> detected in Chile	24 Jan 2019

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#### Visitors

- Total Visitors: 2512
- Unique Visitors: 37

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## About us

Welcome to the [North American Plant Protection Organization's](#) (NAPPO) Phytosanitary Alert System!

The Phytosanitary Alert System (PAS) provides up-to-date information on plant pest situations of significance to North America. This system is intended to facilitate awareness, detection, prevention and management of exotic pest species in North America. The PAS provides this information in two ways: 1) [Official Pest Reports](#) 2) [Emerging Pest Alerts](#)

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Free subscriptions are available for periodic email notifications of new postings to the website.

### **Purpose and Overview:**

The [North American Plant Protection Organization](#) (NAPPO), composed of the plant protection organizations of Canada, the United States, and Mexico was established in 1976 as a regional organization of the International Plant Protection Convention. NAPPO's mission is to protect the plant resources of North America against the introduction of plant pests while facilitating trade.

In the fight against the introduction of plant pests, it pays to know the enemy (i.e., insects, fungi, viruses, bacteria, weeds, etc.) that threaten to cross our borders, colonize, spread, and cause severe economic and/or environmental damage once they become established. In an effort to keep member countries informed of the ever-increasing threats posed by these pests, NAPPO developed the Phytosanitary Alert System or PAS.

First launched in April 2000, the PAS is a web-based notification system that provides a mechanism to share scientific intelligence about emerging plant pests that might pose a significant threat to North American agriculture, forests or natural habitats. The intent of the PAS is to facilitate awareness, detection, prevention and

# New PAS overview



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## Phytoparasitology Alert System

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### Official Pest Reports

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Scientific Name  Country   Posted date start  And

Country	Title	Date Posted
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Country	Title	Date Posted
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	<i>'Candidatus Liberibacter asiaticus'</i> (Citrus Greening): APHIS Expands the Quarantined Area in California, Texas, and Louisiana.	23 Aug 2019 08:00
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	<i>Lycorma delicatula</i> (Spotted Lanternfly): APHIS Provides an Update on Activities	23 Aug 2019 08:00
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	<i>Agilus planipennis</i> (Emerald Ash Borer): APHIS adds portions of Alabama, Minnesota, Nebraska, and Maine to the Regulated Area	05 Aug 2019 08:00
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	<i>Anastrepha ludens</i> (Mexican Fruit Fly): APHIS Removes the Quarantine in the Long Beach Area of Los Angeles County, California	05 Aug 2019 08:00
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	Detection of Hemlock Woolly Adelgid ( <i>Adelges tsugae</i> ) at the Harold Mitchell Nature Reserve in Wainfleet, Ontario	18 Jul 2019 08:00
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	Preliminary report: Detection of cherry leaf roll virus (CLRV) in the Okanagan Valley in British Columbia	18 Jul 2019 08:00
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# New PAS overview

## Official Pest Report

Official Pest Reports are provided by National Plant Protection Organizations within the NAPPO region. These Pest Reports are intended to comply with the International Plant Protection Convention's Standard on Pest Reporting, endorsed by the Interim Commission on Phytosanitary Measures in March 2002.

### ***Anastrepha ludens* (Mexican Fruit Fly): APHIS Removes the Quarantine in the Long Beach Area of Los Angeles County, California**

**Country:** United States

**Posted Date:** 05 Aug 2019 06:00

**Title:** *Anastrepha ludens* (Mexican Fruit Fly): APHIS Removes the Quarantine in the Long Beach Area of Los Angeles County, California

**Contact:** Richard Johnson, National Fruit Fly Policy Manager, at 301-851-2109.

#### **Report:**

Effective July 25, 2019 the Animal and Plant Health Inspection Service (APHIS) and the California Department of Food and Agriculture (CDFA) removed the Mexican fruit fly (*Anastrepha ludens*, Mexfly) quarantine in the Long Beach area of Los Angeles County, California.

On October 25, 2018 APHIS and CDFA established a Mexfly quarantine in a regulated area of Long Beach, California, restricting interstate movement of regulated articles from this area to prevent the spread of Mexfly to non-infested areas of the United States. This action was necessary after CDFA staff trapped and confirmed a mated female Mexfly on October 25 in the Long Beach area of California. A second mated female Mexfly was confirmed October 26 in close proximity to the first. Since that time, APHIS has worked cooperatively with the CDFA to eradicate the transient Mexfly population through various control actions per program protocols. APHIS removed the quarantine area after three Mexfly life-cycles elapsed with negative detections in this area.

The removal of this quarantine area is reflected on the following designated website, which contains a description of all the current Federal fruit fly quarantine areas:

<http://www.aphis.usda.gov/plant-health/ff-quarantine>

Under IPPC Standards, *Anastrepha ludens* is considered to be a pest that is **transient, actionable, and under eradication** in the United States.

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## Emerging Pest Alerts

**Warning:** The following Alerts have not been confirmed with the appropriate National Plant Protection Organization(s). They are provided solely as an early warning to users, for emerging plant pests that are not present in the North American region. Users should use this information with caution.

Emerging Pest Alerts are news items obtained from public sources. They do not serve as official communication from NAPPO. The "Emerging Pest Alerts" is an early warning tool for emerging plant pests that are not present in the North American region. In most cases, information within alerts is not confirmed with the corresponding National Plant Protection Organization. They are provided solely as an early warning to NAPPO countries and should be used with this disclaimer in mind.

Scientific Name

Scientific Name	Title	Date Posted
 <i>Argyrotaenia tucumana</i>	First report of <i>Argyrotaenia tucumana</i> as a pest	08 Feb 2019 09:00
 <i>Bactrocera dorsalis</i>	<i>Bactrocera dorsalis</i> : First report in Europe	24 Jan 2019 09:00
 <i>Ceratitis capitata</i>	<i>Ceratitis capitata</i> detected in Chile	24 Jan 2019 09:00
 <i>Pseudomonas syringae</i> pv. <i>actinidiae</i>	<i>Pseudomonas syringae</i> pv. <i>actinidiae</i> : new distribution	20 Nov 2018 09:00
 <i>Meloidogyne luci</i>	First report of the root-knot nematode <i>Meloidogyne luci</i> associated with potato	07 Aug 2018 09:00
 <i>Tuta absoluta</i>	<i>Tuta absoluta</i> : new distribution and detection	11 Jul 2018 09:00



# New PAS overview

## Emerging Pest Alerts



### *Argyrotaenia tucumana* (Trematerra & Brown)

**Scientific Name:** *Argyrotaenia tucumana*

**Describer:** Trematerra & Brown

**Posted:** 08 Feb 2019 09:00

**Title:** First report of *Argyrotaenia tucumana* as a pest

**Summary:**

**Significance:** In a 2018 report, a larva of the moth *Argyrotaenia tucumana* (Lepidoptera: Tortricidae) was observed feeding on cultivated *Prunus persica* (peach) fruit in Argentina (Gonsebatt et al., 2018). This is the first report of peach as a host of *A. tucumana*. When *A. tucumana* was described in 2004 (Trematerra and Brown, 2004), the host association of this moth was previously unknown. *Argyrotaenia tucumana* has only been reported from Argentina (Trematerra and Brown, 2004) and is not known to occur in Canada, the United States, or Mexico.

**References:**

Gonsebatt, G. F., A. E. Chalup, D. Ruberti, S. Seta, A. Leone, R. Coniglio, et al. 2018. Primer registro de *Argyrotaenia tucumana* (Lepidoptera: Tortricidae) en montes de duraznero, *Prunus persicae* (L.) Batsch, del sur de la provincia de Santa Fe. Revista de la Sociedad Entomológica Argentina 77(2):28-31. <https://biotaxa.org/RSEA/article/view/39547>.

Trematerra, P. and J. W. Brown. 2004. Argentine *Argyrotaenia* (Lepidoptera: Tortricidae): Synopsis and descriptions of two new species. Zootaxa 574: 1-12. <http://dx.doi.org/10.11646/zootaxa.574.1.1>

**Warning:** The information in this alert has not been confirmed with the appropriate National Plant Protection Organization and is provided solely as an early warning. Please use the above information with caution.

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Searched PAS for **Ceratitis** Total records : 26

Official Pest Reports - 24 <a href="#">Show</a>	Alerts - 2 <a href="#">Show</a>	All Posts - 26 <a href="#">Show</a>
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Posted	Title	Post type
May-20/19	<b>Update on the outbreak of Ceratitis capitata Wiedemann in the municipality of Manzanillo Colima</b> The National Service for Agri-Food Health, Safety and Quality, through the Plant Health Directorate, informs... <a href="#">Read More</a>	Official Pest Reports
Apr-30/19	<b>Ceratitis capitata (Wiedemann) detected in the municipality of Manzanillo, Colima.</b> As part of the actions applied by the National System for Phytosanitary Epidemiological Surveillance in... <a href="#">Read More</a>	Official Pest Reports
Jan-24/19	<b>Ceratitis capitata (Wiedemann) Ceratitis capitata detected in Chile</b> ... <a href="#">Read More</a>	Emerging Pest Alerts
Nov-01/18	<b>Ceratitis capitata (Mediterranean Fruit Fly): APHIS Removes the Quarantine Area in Half Moon Bay Area of San Mateo County, California</b> Effective October 4, 2018, the Animal and Plant Health Inspection Service (APHIS) and the California... <a href="#">Read More</a>	Official Pest Reports
Aug-13/18	<b>Ceratitis capitata (Mediterranean Fruit Fly): APHIS Removes the Quarantine Area in Fairfield Area of Solano County, California.</b> Effective July 30, 2018, the Animal and Plant Health Inspection Service (APHIS) and the California... <a href="#">Read More</a>	Official Pest Reports
Jul-05/18	<b>Ceratitis capitata (Mediterranean Fruit Fly): APHIS Removes the Quarantine Area in Sun Valley, Los Angeles County, California</b>	Official Pest

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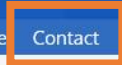
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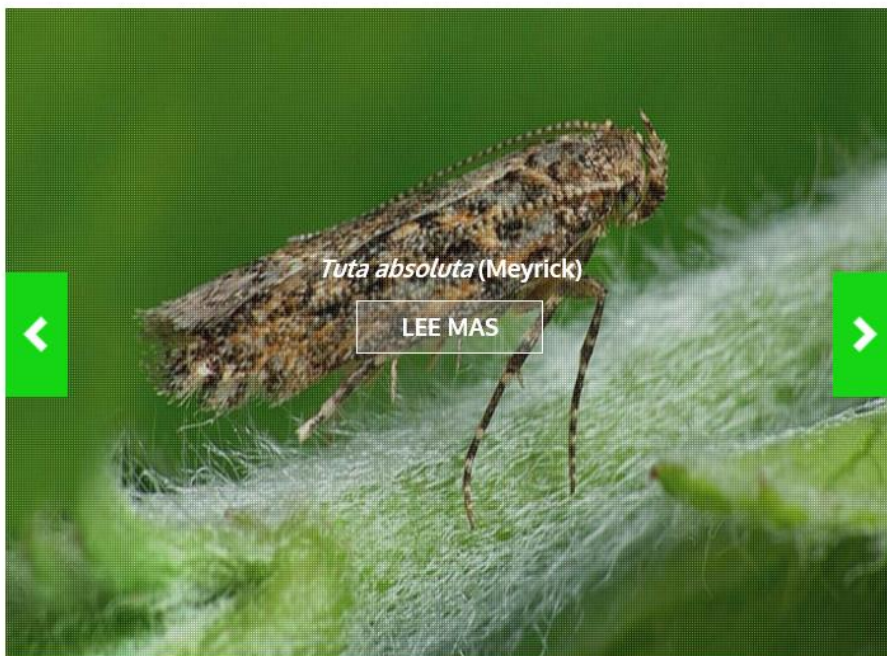


Organización Norteamericana de Protección a las Plantas

## Sistema de Alerta Fitosanitaria

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*Tuta absoluta* (Meyrick)

LEE MAS

### Notificaciones oficiales de plagas

Los informes oficiales sobre plagas son proporcionados por las Organizaciones Nacionales de Protección Fitosanitaria dentro de la región de la NAPPO. Estos informes de plagas están destinados a cumplir con la Norma Internacional para Medidas Fitosanitarias No. 17: Notificación de plagas, de la Convención Internacional de Protección Fitosanitaria.

País	Título	Publicada
	<i>Candidatus Liberibacter asiaticus</i> (enverdecimiento de los cítricos): APHIS expande el área bajo cuarentena en California, Texas y Luisiana.	23 Ago 2019
	<i>Lycorma delicatula</i> (mosca linterna con manchas): el APHIS brinda una actualización de sus actividades	23 Ago 2019
	<i>Anastrepha ludens</i> (mosca mexicana de la fruta): APHIS elimina la cuarentena en el área de Long Beach, condado Los Angeles, California.	05 Ago 2019
	<i>Agrius planipennis</i> (barrenador esmeralda del fresno): APHIS agrega partes de Alabama, Minnesota, Nebraska y Maine al área reglamentada	05 Ago 2019

### Alerta de plagas emergentes

Las "Alertas de Plagas Emergentes" son noticias obtenidas de fuentes públicas y no sirven de comunicación oficial de la NAPPO. Las "Alertas de Plagas Emergentes" es una herramienta de alerta temprana para plagas no presentes en la región Norteamericana. En la mayoría de los casos, la información contenida en las alertas no es confirmada con la respectiva Organización Nacional de Protección Fitosanitaria. Éstas sólo se proporcionan a los países de la NAPPO como una alerta temprana y por lo tanto, deberán utilizarse teniendo en cuenta esta exención de responsabilidad.

Título	Publicada
Cepa nueva de la pudrición blanda de papa, <i>Dickeya solani</i> , causa pérdidas considerables en Europa	11 Dic 2019
Title test IB 01	20 Jun 2019
Primera notificación de <i>Argyrotaenia tucumana</i> como plaga	08 Feb 2019
Se detecta <i>Ceratitis capitata</i> en Chile	24 Ene 2019

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Visitantes

- Visitantes totales: 2513
- Visitantes únicos: 37



## Conclusions, next steps for 2020

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- Continue posting reports to meet reporting obligations under the IPPC
- Continue facilitating awareness of non-indigenous plant pest species.
- Update guidelines to operate and manage the new version of PAS.

# Subscribe to PAS!

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## For latest postings:

1. Visit the NAPPPO site at [www.nappo.org](http://www.nappo.org)
2. Click on the 'pest alerts' / 'alertas de plagas' tab

Or

3. Go directly to [www.pestalerts.org](http://www.pestalerts.org)

## For further information:

Contact: [ignacio.baez@usda.gov](mailto:ignacio.baez@usda.gov)