



CUARENTAGRI

INVESTIGACIÓN
IDENTIFICACIÓN DE PLAGAS
FORMACIÓN



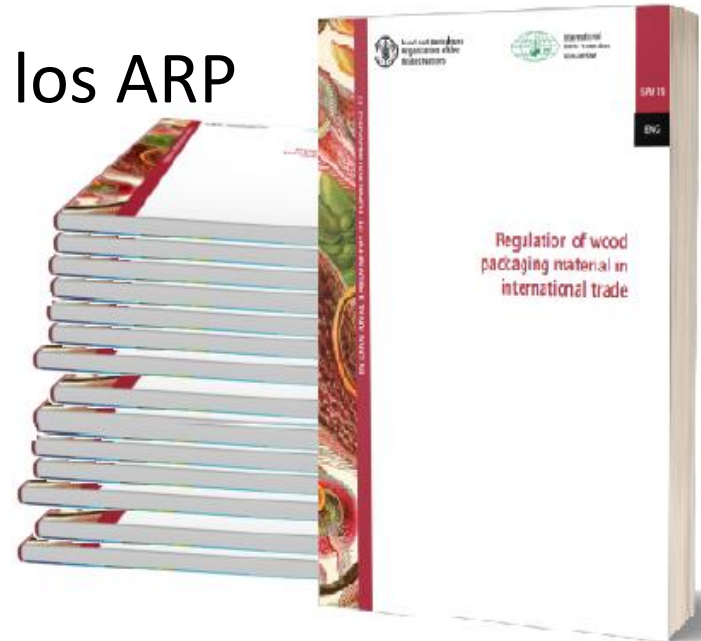
Búsqueda bibliográfica y citas en el ARP

Nuria Avendaño García

BÚSQUEDA BIBLIOGRÁFICA Y CITAS EN EL ARP

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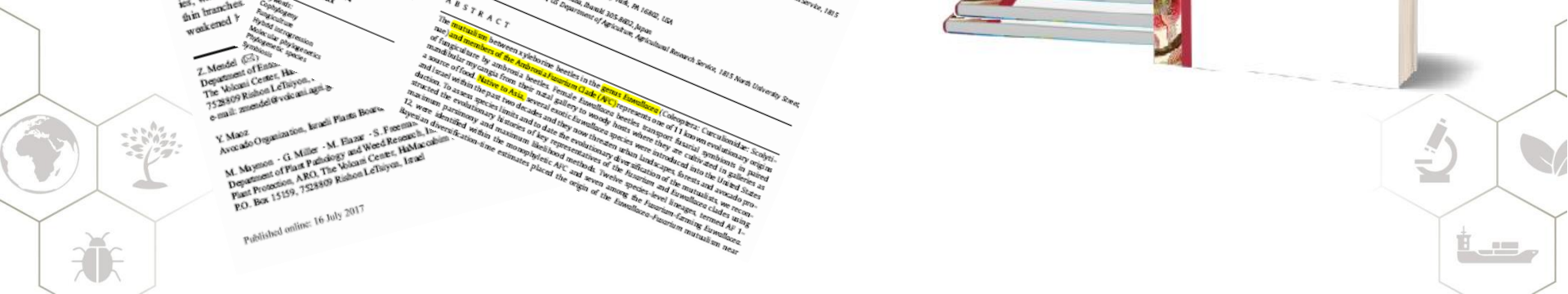
1. Contexto-Normativa
2. Citas en el documento
3. Referencias y bibliografía
4. Algunas fuentes útiles para los ARP



BÚSQUEDA BIBLIOGRÁFICA Y CITAS EN EL ARP

ARP

JUSTIFICACIÓN TÉCNICA



BÚSQUEDA BIBLIOGRÁFICA Y CITAS EN EL ARP

1. Contexto-Normativa

NIMF DE LA CIPF

<https://www.ippc.int/en/core-activities/standards-setting/ispms/>

NIMF N.5: GLOSARIO DE TÉRMINOS FITOSANITARIOS:

<http://www.fao.org/faoterm>

ON-LINE



BÚSQUEDA BIBLIOGRÁFICA Y CITAS EN EL ARP NIMF DE LA CIPF

Reference	Title	Publication date	EN	FR	ES	AR	ZH	RU
	Adopted International Standards for Phytosanitary Measures (En, Fr, Es, Ru and Zh Lists updated 2020-02)	26 Feb 2020	EN	FR	ES	AR	ZH	RU
ISPM 01	Phytosanitary principles for the protection of plants and the application of phytosanitary measures in international trade	14 Jan 2016	EN	FR	ES	AR	ZH	RU
ISPM 02	Framework for pest risk analysis	26 Jun 2019	EN	FR	ES	AR	ZH	RU
ISPM 03	Guidelines for the export, shipment, import and release of biological control agents and other beneficial organisms	29 May 2017	EN	FR	ES	AR	ZH	RU
ISPM 04 (1995)	Requirements for the establishment of pest free areas	29 May 2017	EN	FR	ES	AR	ZH	RU
ISPM 05	Glossary of phytosanitary terms (as adopted by CPM-14)	19 Feb 2020	EN	FR	ES	AR	ZH	RU
ISPM 05 - Online version	Online version of the Glossary of phytosanitary terms - all languages	10 May 2010	⊘	⊘	⊘	⊘	⊘	⊘

BÚSQUEDA BIBLIOGRÁFICA Y CITAS EN EL ARP

NIMF N.5: GLOSARIO DE TÉRMINOS FITOSANITARIOS

FAO TERM PORTAL

News Terminology at FAO Language Resources FAQ Help Collections

The TERM PORTAL has been created to store, manage and update concepts, terms and definitions related to the various fields of FAO's activity. The idea is to offer a single search window for all glossaries, in one or several languages, as a mechanism to enhance the exchange of information and facilitate communication.

Names of Countries (NOCs)

Buscar Todas las palabras × Q

News

Names of Countries (NOCs)
Users are advised to open the NOCS link through the Internet Explorer browser.

IFAD's Glossary - IFADTERM
As a result of the collaboration between the Rome-based agencies, we are pleased to announce...

User's manual
We are pleased to announce that a User's Manual for the FAO Term Portal is...

FAO Structure
This thematic collection contains the FAO Structure and the FAO staff titles in Arabic, Chinese,...

Últimas actualizaciones

14/09/2020 - FAOTERM
acuerdo de gestión conjunta de los bosques

11/09/2020 - FAOTERM
régimen semivegetariano

11/09/2020 - FAOTERM
régimen piscivegetariano

11/09/2020 - FAOTERM
régimen vegano

11/09/2020 - FAOTERM
nivel superior de ingesta armonizado

11/09/2020 - FAOTERM
modelo hidroeconómico

11/09/2020 - FAOTERM
evolución a largo plazo

Colección

- ☐ Acuicultura
- ☐ Agricultura orgánica
- ☐ Agua
- ☐ Cambio climático y bioenergía
- ☐ Derecho a la alimentación
- ☐ Especies acuáticas
- ☐ Estructura de la FAO
- ☐ FAOTERM
- ☐ Glosario de pesca
- ☒ Glosario de términos fitosanitarios
- ☐ Gripe aviar
- ☐ Langosta del desierto
- ☐ Manejo del fuego
- ☐ Sistema de mando de incidentes
- ☐ IFADTERM

NIMF N.5: GLOSARIO DE TÉRMINOS FITOSANITARIOS

plaga	Todas las palabras ▾	✕	Q
Resultado de la búsqueda 0.023 sec			
10 ▾	Registros por página Filtro		
Término	Idioma	Materia	Colección
plaga	ES	PEST CONTROL; PLANT GENETICS	Glosario de términos fitosanitarios
análisis de riesgo de plagas (interpretación convenida)	ES	PEST CONTROL; PLANT GENETICS	Glosario de términos fitosanitarios
área de baja prevalencia de plagas	ES	PEST CONTROL	Glosario de términos fitosanitarios
área libre de plagas	ES	PEST CONTROL	Glosario de términos fitosanitarios
categorización de plagas	ES	PEST CONTROL; PLANT GENETICS	Glosario de términos fitosanitarios
condición de una plaga (en un área)	ES	PEST CONTROL	Glosario de términos fitosanitarios
control (de una plaga)	ES	PLANT PRODUCTION	Glosario de términos fitosanitarios
diagnóstico de plaga	ES	PEST CONTROL; PLANT GENETICS	Glosario de términos fitosanitarios
dispersión (de una plaga)	ES	PEST CONTROL; PLANT GENETICS	Glosario de términos fitosanitarios
entrada (de una plaga)	ES	PLANT PRODUCTION	Glosario de términos fitosanitarios
establecimiento (de una plaga)	ES	PLANT PRODUCTION	Glosario de términos fitosanitarios
evaluación del riesgo de plagas (para plagas cuarentenarias)	ES	PEST CONTROL; PLANT PESTS AND DISEASES	Glosario de términos fitosanitarios
evaluación del riesgo de plagas (para plagas no cuarentenarias reglamentadas)	ES	PEST CONTROL; PLANT PESTS AND DISEASES	Glosario de términos fitosanitarios
exclusión (de una plaga)	ES	PEST CONTROL	Glosario de términos fitosanitarios
incidencia (de una plaga)	ES	ANIMAL PESTS AND DISEASES	Glosario de términos fitosanitarios
intercepción (de una plaga)	ES	PLANT PRODUCTION	Glosario de términos fitosanitarios
introducción (de una plaga)	ES	PEST CONTROL	Glosario de términos fitosanitarios
lista de plagas de un hospedante	ES	PEST CONTROL; PLANT PESTS AND DISEASES	Glosario de términos fitosanitarios



NIMF Nº5: GLOSARIO DE TÉRMINOS FITOSANITARIOS

Registro: 99934 - Colección: Glosario de términos fitosanitarios

multilingüe

العربية 1 English 1 Español 1 Français 1 Русский 1 中文 1 Other

Deutsch 1 Italiano 1 한국의 1 العربية 1

آفة

التعريف

أي نوع أو سلالة أو نمط للنباتات

مصدر التعريف

[المنظمة، 1990؛ تعديل المنظمة، 1995؛ الاتفاقية الدولية لوقاية النباتات، 1997؛ تعديل الهيئة، 2012]

Deutsch

Schädling

Term source

Glossar pflanzengesundheitlicher Begriffe, ISPM 5, FAO/IPPC, 2015.

Definition

Alle Arten, Stämme oder Biotypen von Pflanzen, Tieren oder Krankheitserregern, die Pflanzen oder Pflanzenerzeugnisse schädigen.

Anmerkung: Im IPPC wird Schädling der Pflanzen manchmal für den Begriff Schädling benutzt.

Definition source

Glossar pflanzengesundheitlicher Begriffe, ISPM 5, FAO/IPPC, 2015.

English

pest

Definition

Any species, strain or biotype of plant, animal or pathogenic agent injurious to plants or plant products.

Definition source

[FAO, 1990; revised ISPM 2, 1995; IPPC, 1997; revised CPM, 2012]

NIMF Nº5: GLOSARIO DE TÉRMINOS FITOSANITARIOS

العربية 1
English 1
Español 1
Français 1
Русский 1
中文 1
Other ▼

plaga

Definición
Cualquier especie, raza o biotipo vegetal o animal o agente patógeno dañino para las plantas o productos vegetales.

Fuente de la definición
[FAO 1990; revisado NIMF 2, 1995; CIPF, 1997; revisado CMF, 2012]

Términos relacionados
Patógeno; plantas; productos vegetales

Observaciones
Nota: En la CIPF, el término "plaga de plantas" en ocasiones se utiliza en lugar del término "plaga".

Fuente de las observaciones
Glosario de términos fitosanitarios, NIMF 5, FAO, 2018 (https://www.ippc.int/static/media/files/publication/es/2018/07/ISPM_05_2018_Es_2018-07-10_PostCPM13.pdf).

Entry information (Metadata) ▼			
Entry: 99934	Subject: PEST CONTROL; PLANT GENETICS	Status: Validated	Location: Public
Source Language: English	Category: Terminology	Reliability: Propuesta (de traductor, terminólogo, experto técnico)	
Source: TRS-AGP, FAO, 1994; Terminology(A6.1)/CSCM, FAO, 2010; TBPGEN; C 95/REP; IPPC; Glossary of phytosanitary terms, ISPM5, IPPC, FAO, 2018 (http://www.fao.org/fileadmin/user_upload/faoterm/PDF/ISPM_05_2016_En_2017-05-25_PostCPM12_InkAm.pdf); Amendments to ISPM 5: Glossary of phytosanitary terms (MB065 Rev.2)			
Parent body:		Glossint: Phytosanitary Terms; African Forestry and Wildlife Commission	

2. Citas en el documento

Las citas son un elemento clave del ARP para **respaldar un argumento** expuesto en el documento o para **demostrar o justificar** algún aspecto relevante.

Citas a lo largo del texto: siempre de la misma manera. Hay **diferentes métodos**. Se utiliza mucho el *Método Harvard* basado en **primer apellido** del autor (o autores, si son dos; o añadir “et al.”, si son tres o más autores), **año** (seguido de una letra si hay varias publicaciones del mismo año) y **página**.

There is speculation that the beetle may have arrived on contaminated packing crates from a shared packinghouse. (**Eskalen 2012; Arpaia & Obenland, 2013:75; Weber, 2019a; Weber, 2019b**).

(...) in asymptomatic fruits virus can be detected by molecular analysis of RT-PCR using specific primers (**Alkowni et al., 2019; Link et al., 2019**) or tobamovirus group universal primers following by amplicons sequencing (**Luria et al., 2017:55; Menzel et al, 2018**).

2. Citas en el documento

- Citar de forma directa o indirecta

- According to Walgama & Zalucki, (2007), in Sri Lanka the optimum temperature for development of *E. fornicatus* is around 30°C for all stages.
- Other studies indicate that whiteflies can maintain flight more than 2 hours and that male are able to fly longer than females (Blackmer and Byrne, 1993).
- There is speculation that the beetle may have arrived on contaminated packing crates from a shared packinghouse. (Eskalen 2012; Arpaia & Obenland, 2013).

- Cita parafraseada y textual

- Further studies undertaken by Walgama (2008) using the modeling toolkit, DYMEX®, established that (...)
- “Unidentified beetles (*Euwallacea* sp. possibly *fornicatus*) have been intercepted seven times on bamboo, cut flowers, ginger, macadamia, and *Draceana compacta* from Hawaii”. (Leathers, 2015).

3. Referencias y bibliografía en el documento

- Apartado **Referencias**: es la descripción detallada de la cita
- Apartado **Bibliografía**: incluye otras fuentes utilizadas y lecturas recomendadas, no citadas en el documento



3. Referencias y bibliografía en el documento

ARTÍCULO DE REVISTA CIENTÍFICA

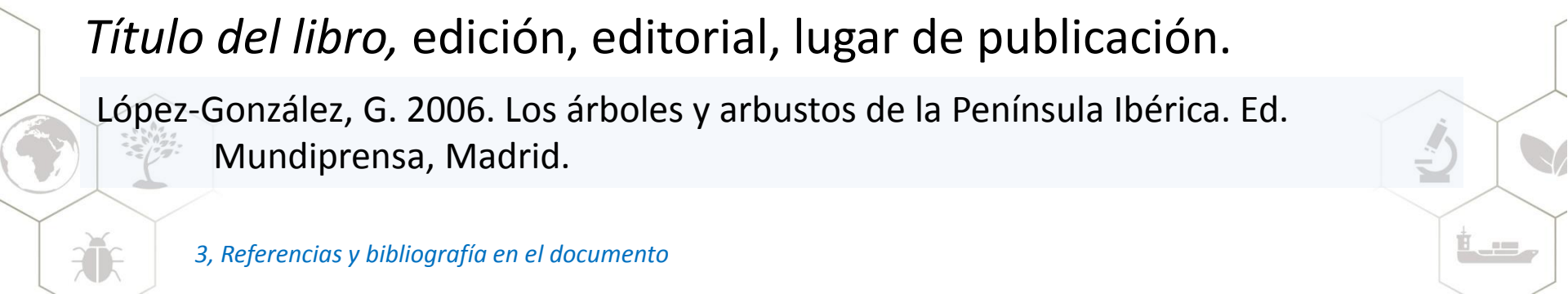
Autor(es) del artículo- Apellido, Inicial(es). Año de la publicación, Título del artículo, *Título de la revista*, volumen, número, números de las páginas del artículo.

Lightle, D. M., K.J.K. Gandhi, A. Cognato, B. J. Mosley, D. G. Nielsen, and D. A. Herms. 2007. 'New reports of exotic and native ambrosia and bark beetle species (Coleoptera: Curculionidae: Scolytinae) from Ohio'. *Great Lakes Entomology*, 40: 194-200.

LIBRO

Autor(es) del libro- Apellido, Inicial(es). Año de la publicación, Título del libro, edición, editorial, lugar de publicación.

López-González, G. 2006. Los árboles y arbustos de la Península Ibérica. Ed. Mundiprensa, Madrid.



3. Referencias y bibliografía en el documento

PONENCIAS PRESENTADAS A CONGRESOS O REUNIONES:

Autor(es) del documento o ponencia -Apellido, Inicial(es)- Año de la publicación, 'Título de la ponencia' –entre comillas simples-, *Título de la publicación* – que puede incluir dato de lugar y fecha de evento, en cursiva-, Editorial, Lugar de publicación, números de las páginas.

Walgama, S. (2012). 'Shot Hole Borer of Tea-The Situation in Sri Lanka', *Invasive Ambrosia Beetle Conference* August 12-14, 2012, consultado el 20 de agosto de 2020,
http://www.avocadosource.com/Journals/IABC_2012/IABC_20120812-14_TOC.htm



3. Referencias y bibliografía en el documento

PÁGINAS WEB:

Autor(es) de la página -persona u organización- Año de creación o revisión de la página, Título de la página –en cursiva- [en línea], Organización responsable de la página –opcional-, consultado: día-mes-año-, datos completos de la URL del acceso electrónico.

EPPO (2020). *European and Mediterranean Plant Protection Organization*, EPPO, consultado el 8 de septiembre de 2020, <https://www.eppo.int/>



IUCN Red List of Threatened Species. 2014: Guiding Conservation for 50 Years. *Alnus rhombifolia*.
<http://www.iucnredlist.org/details/194648/0>

James, S. P. 2007. Studies on certain volatiles attracting the shot hole borer, *Euwallacea fomicatus* (Eichoff) (Scolytidae: Coleoptera) infesting tea. PhD thesis, UPASI Tea Research Institute, Bharathiar University, 126 pp.

Jones M.E.; Paine, T.D. 2015. Effect of Chipping and Solarization on Emergence and Boring Activity of a Recently Introduced Ambrosia Beetle (*Euwallacea* sp Coleoptera: Curculionidae: Scolytinae) in Southern California. June 2015.
Available at: DOI: <http://dx.doi.org/10.1093/jee/tov169>

Jordal, B.H., Normark, B.B., Farrell, B.D., 2000. Evolutionary radiation of an inbreeding haplodiploid beetle lineage (Curculionidae, scolytinae). Biol.J. Linnear Soc. 71, 483-499.

Kabashima, John and Dimson, Monica. 2014. Polyphagous Shot Hole Borer: A New Tree Pest in Southern California. University of California. UCNFA News. Spring 2014. Volume 18, issue 1: 2-4.

Kasson, M.T., O'Donnell, K., Rooney, A.P., Sink, S.L., Ploetz, R.C., Ploetz, J.N., Konkol, J.L., Carrillo, D., Freeman, S., Mendel, Z., et al. 2013. An inordinate fondness for Fusarium: Phylogenetic diversity of fusaria cultivated by ambrosia beetles in the genus *Euwallacea* on avocado and other plant hosts. Fungal Genetics and Biology. 56(2013):147-157

Kabashima, John; Dimson, Monica 2014. The Polyphagous Shot Hole Borer: A New Tree Pest in Southern California. UCNFA News
<http://ucanr.edu/sites/UCNFA/>

Otros modos:

Alkowni, Raed & Alabdallah, Osama & Fadda, Ziad. (2019). Molecular identification of tomato brown rugose fruit virus in tomato in Palestine. Journal of Plant Pathology. 10.1007/s42161-019-00240-7.

Dombrovsky, Aviv & Smith, Elisheva. (2017). Seed Transmission of Tobamoviruses: Aspects of Global Disease Distribution. 10.5772/intechopen.70244.

4. Algunas fuentes útiles para los ARP

1ª FASE: Iniciación

2ª FASE: Evaluación del Riesgo

3ª FASE: Manejo del Riesgo

INFORMACIÓN NECESARIA:

EPPO STANDARD PM 5/1(1) **Check-list of information required for PRA**

<https://onlinelibrary.wiley.com/doi/epdf/10.1111/j.1365-2338.1993.tb01311.x>

Check-list of information required for pest risk analysis (PRA)

This check-list contains all the information that should be considered before deciding that a particular organism qualifies to be declared a quarantine pest. The list is intended to be used in conjunction with a stepwise decision-making scheme on pest risk assessment; schemes of this type are being developed, at different levels of complexity, by EPPO and FAO.

References should be noted for all items of information. If no information is found under a heading (which will often be the case), indicate this.

Section 1. The organism

1. Name and taxonomic position (including any taxonomic subdivisions, difficulties or confusion: subspecies, pathotypes, *formae speciales*, overlapping species, synonymy).
2. Relationship with known quarantine pests.
3. Methods for identification for inspection purposes.
4. Methods for detection.

Section 2. Biological characteristics of the pest

1. Life cycle:

(a) for invertebrates

rate of development (typical times, or degree days, for successive life-cycle stages; reproduction rate);
number of generations per year (univoltine, multivoltine, how voltinism is controlled);
obligate alternation between hosts;
parthenogenetic multiplication;
typical timing of the life cycle in the growing season, and relation to that of the host plant;

(b) for pathogens

rate of development, possible number of infection cycles per growing season;
obligate alternation between hosts;
(for fungi) anamorphic spore stages;
(for fungi) occurrence of telomorph (regular, irregular, rare, unknown);
typical timing of the life cycle in the growing season and relation to that of host plants.

4. Algunas fuentes útiles para los ARP

NUESTRA EXPERIENCIA:

- **Mucho orden con la información, artículos, etc.**
 - Necesario releer constantemente
 - Una publicación puede ser útil para varias preguntas del esquema
- **Tener siempre claro lo que sabemos**
 - Apartado de incertidumbres
 - Apartado de temas que necesitan más investigación



4. Algunas fuentes útiles para los ARP

A) Revistas que más aparecen en los ARP

- American entomologist
- Annals of the entomological society of America
- Arthropod management test
- Journal of IPM
- Environmental entomology
- Journal of Economic Entomology
- Journal of Medical Entomology
- Journal of Insect Science
- Insect systematics and diversity
- Botanical Journal of the Linnean Society
- Biological Journal of the Linnean Society
- Zoological Journal of the Linnean Society
- Journal of the International Organization for Biological Control
- European Journal of Plant Pathology
- Journal of Applied Entomology
- Insect Molecular Biology
- Insect Science
- Entomologia Experimentalis et Applicata
- Phytopathology
- Plant Disease
- Molecular Plant-Microbe Interactions (MPMI)
- APS Crop Protection and Management Collection,
- Journal of Environmental Horticulture
- Journal of Agricultural and Applied Economics
- Journal of Agricultural Science
- Plos One
- European Journal of Entomology
- International Journal of Entomology Research



WILEY



OXFORD
ACADEMIC



 **Horticultural**
Research Institute

The  AmericanHort Foundation

4. Algunas fuentes útiles para los ARP

B) Datos de la plaga: biología, taxonomía y distribución

- EPPO Globaldatabase: <https://gd.eppo.int/>





EPPO Global Database

[advanced search...](#)

[Login](#)
[Register](#)

[Home](#) [Standards ▾](#) [Photos ▾](#) [Reporting Service](#) [Explore by ▾](#) [EPPO GD Desktop](#) [Download user guide](#)

What is EPPO Global Database?

EPPO Global Database is maintained by the Secretariat of the [European and Mediterranean Plant Protection Organization \(EPPO\)](#). The aim of the database is to provide all pest-specific information that has been produced or collected by EPPO. The database contents are constantly being updated by the EPPO Secretariat.

How to?

- Request new EPPO Codes
- Submit photos (plants and pests)
- Use online tools (batch queries)
- Subscribe to EPPO Newsletters

Current contents:

- **Basic information for more than 88 000 species** of interest to agriculture, forestry and plant protection: plants (cultivated and wild) and pests (including pathogens and invasive alien plants). For each species: scientific names, synonyms, common names in different languages, taxonomic position, and EPPO Codes are given.
- **Detailed information for more than 1 700 pest species** that are of regulatory interest (EPPO and EU listed pests, as well as pests regulated in other parts of the world). For each pest: geographical distribution (with a world map), host plants and categorization (quarantine status) are given.
- **EPPO datasheets and PRA reports.**

Latest news

[EPPO Reporting Service no. 08](#) is available.

New datasheets are available for:

- [Apriona rugicollis](#)
- [Cherry rasp leaf virus](#)
- [Diaphorina citri](#)
- [Epitrix papa](#)
- [Epitrix tuberis](#)
- [Meloidogyne enterolobii](#)
- [Rhynchophorus palmarum](#)
- [Synchytrium endobioticum](#)

Ceratitis capitata (CERTCA)



EPPO
Global
Database



Code created in: 2002-10-28

MENU

- Overview →
- Distribution
- Host plants
- Host commodities
- Categorization
- Reporting
- Photos
- Documents

Overview

Basic information

- **EPPO Code:** CERTCA
- **Preferred name:** *Ceratitis capitata*
- **Authority:** (Wiedemann)

Notes

DAISIE

Other scientific names

Name	Authority
<i>Ceratitis citriperda</i>	Macleay
<i>Ceratitis hispanica</i>	de Breme
<i>Pardalaspis asparagi</i>	Bezzi
<i>Tephritis capitata</i>	Wiedemann



[more photos...](#)

Taxonomy

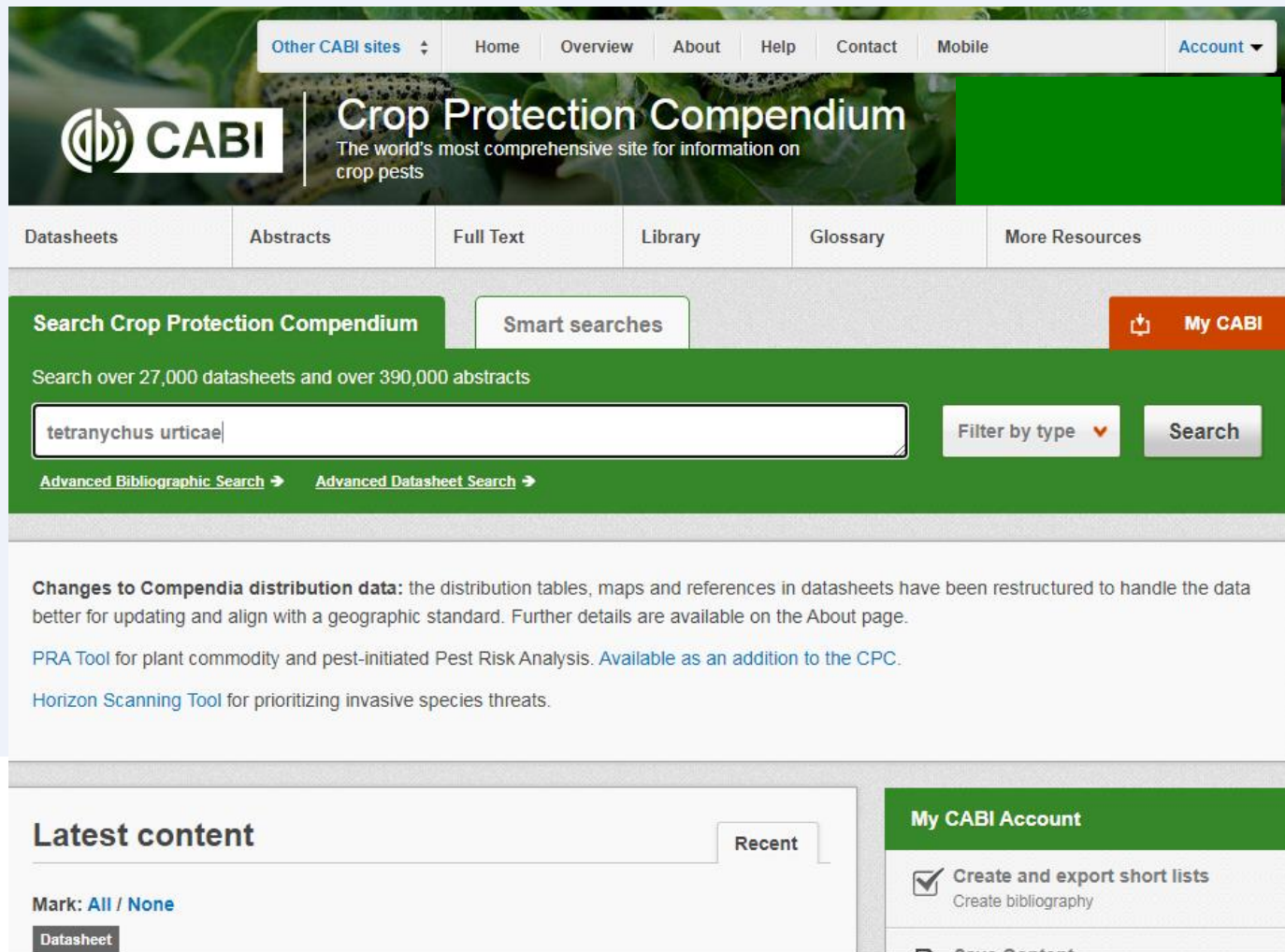
- Kingdom: Animalia (1ANIMK)
- Phylum: Arthropoda (1ARTH P)
- Subphylum: Hexapoda (1HEXAQ)
- Class: Insecta (1INSEC)
- Order: Diptera (1DIPTO)
- Family: Tephritidae (1TEPHF)
- Genus: *Ceratitis* (1CERTG)
- Species: *Ceratitis capitata* (CERTCA)

4. Algunas fuentes útiles para los ARP

B) Datos de la plaga: **biología, taxonomía y distribución**

- CABI Crop Protection Compendium:
www.cabi.org/cpc





The screenshot shows the CABI Crop Protection Compendium website. At the top, there is a navigation bar with links: Other CABI sites, Home, Overview, About, Help, Contact, Mobile, and Account. Below this is a header section with the CABI logo and the title "Crop Protection Compendium" with the tagline "The world's most comprehensive site for information on crop pests". A secondary navigation bar contains links: Datasheets, Abstracts, Full Text, Library, Glossary, and More Resources. The main content area features a search bar with the text "tetranychus urticae" and a "Search" button. Above the search bar is a "Smart searches" button and a "My CABI" button. Below the search bar are links for "Advanced Bibliographic Search" and "Advanced Datasheet Search". A section titled "Changes to Compendia distribution data" provides information about restructuring distribution tables, maps, and references. Below this, there are links for the "PRA Tool" and the "Horizon Scanning Tool". At the bottom, there is a "Latest content" section with a "Recent" tab and a "Mark: All / None" option. To the right of the "Latest content" section is a "My CABI Account" section with a checked box for "Create and export short lists" and a link to "Create bibliography".

Ceratitis capitata (Mediterranean fruit fly)



Index

- [Pictures](#)
- [Identity](#)
- [Taxonomic Tree](#)
- [Description](#)
- [Summary of Invasiveness](#)
- [Distribution](#)
- [Distribution Table](#)
- [History of Introduction and Spread](#)
- [Risk of Introduction](#)
- [Habitat List](#)
- [Hosts/Species Affected](#)
- [Host Plants and Other Plants Affected](#)
- [Growth Stages](#)
- [Symptoms](#)
- [List of Symptoms/Signs](#)
- [Biology and Ecology](#)
- [Air Temperature](#)
- [Notes on Natural Enemies](#)
- [Natural enemies](#)
- [Means of Movement and Dispersal](#)
- [Pathway Vectors](#)
- [Plant Trade](#)
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- [Impact: Social](#)
- [Risk and Impact Factors](#)
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- [Diagnosis](#)
- [Detection and Inspection](#)
- [Prevention and Control](#)

Summary

Last modified
21 November 2019

Datasheet Type(s)
Pest
Natural Enemy

Preferred Scientific Name
Ceratitis capitata

Preferred Common Name
Mediterranean fruit fly

Taxonomic Tree
Domain: Eukaryota
Kingdom: Metazoa
Phylum: Arthropoda
Subphylum: Uniramia
Class: Insecta

Host Plants and Other Plants Affected
Acca sellowiana
Acokanthera oppositifolia
Acokanthera ouabaio
Actinidia deliciosa (kiwifruit)
Anacardium occidentale (cashew nut)

[More...](#)



[More information](#)



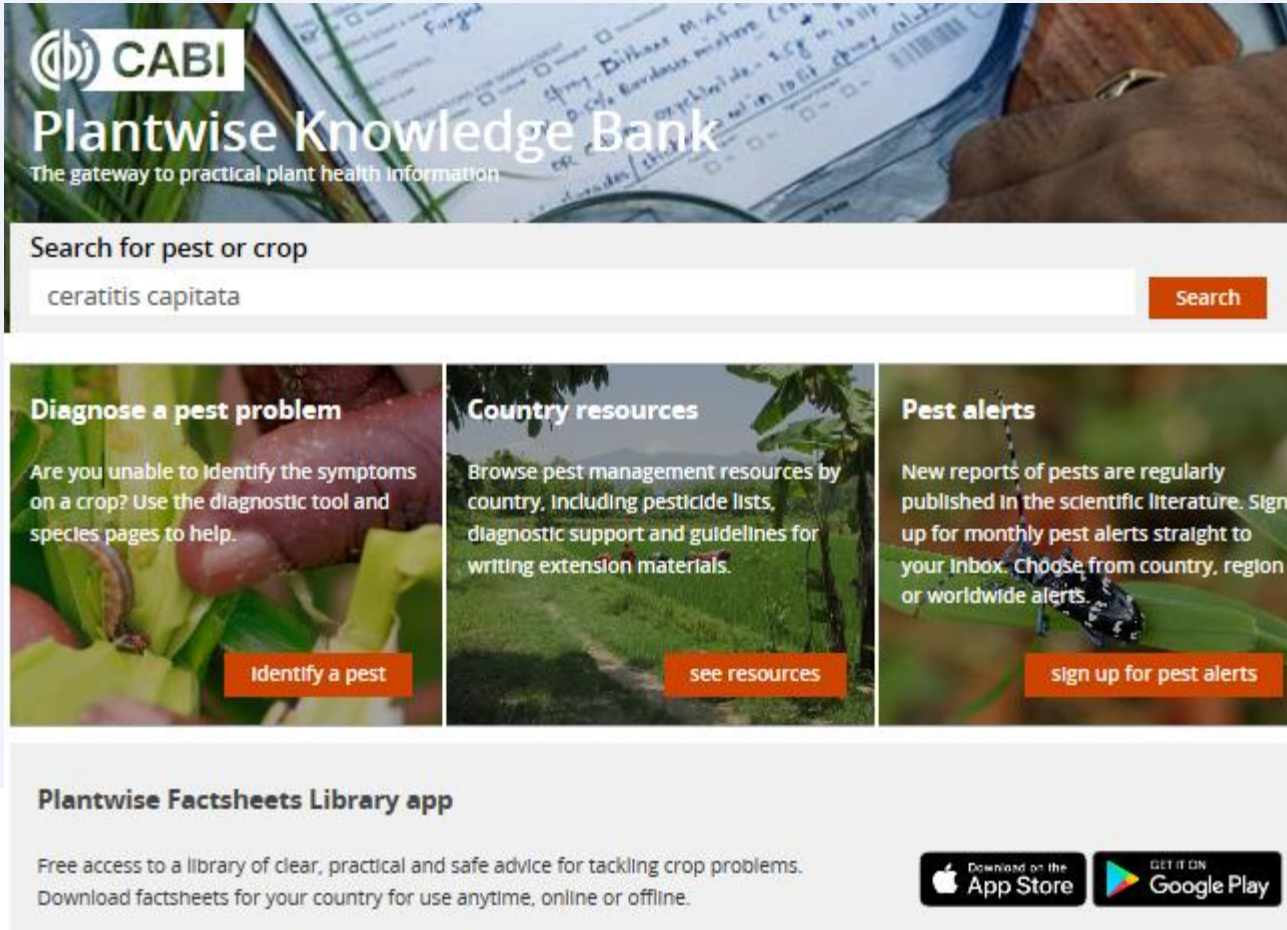
[More information](#)

4. Algunas fuentes útiles para los ARP

B) Datos de la plaga: **biología, taxonomía y distribución**

- Plantwise knowledge bank:
<https://www.plantwise.org/KnowledgeBank/>





CABI
Plantwise Knowledge Bank
The gateway to practical plant health information

Search for pest or crop
ceratitis capitata [Search](#)

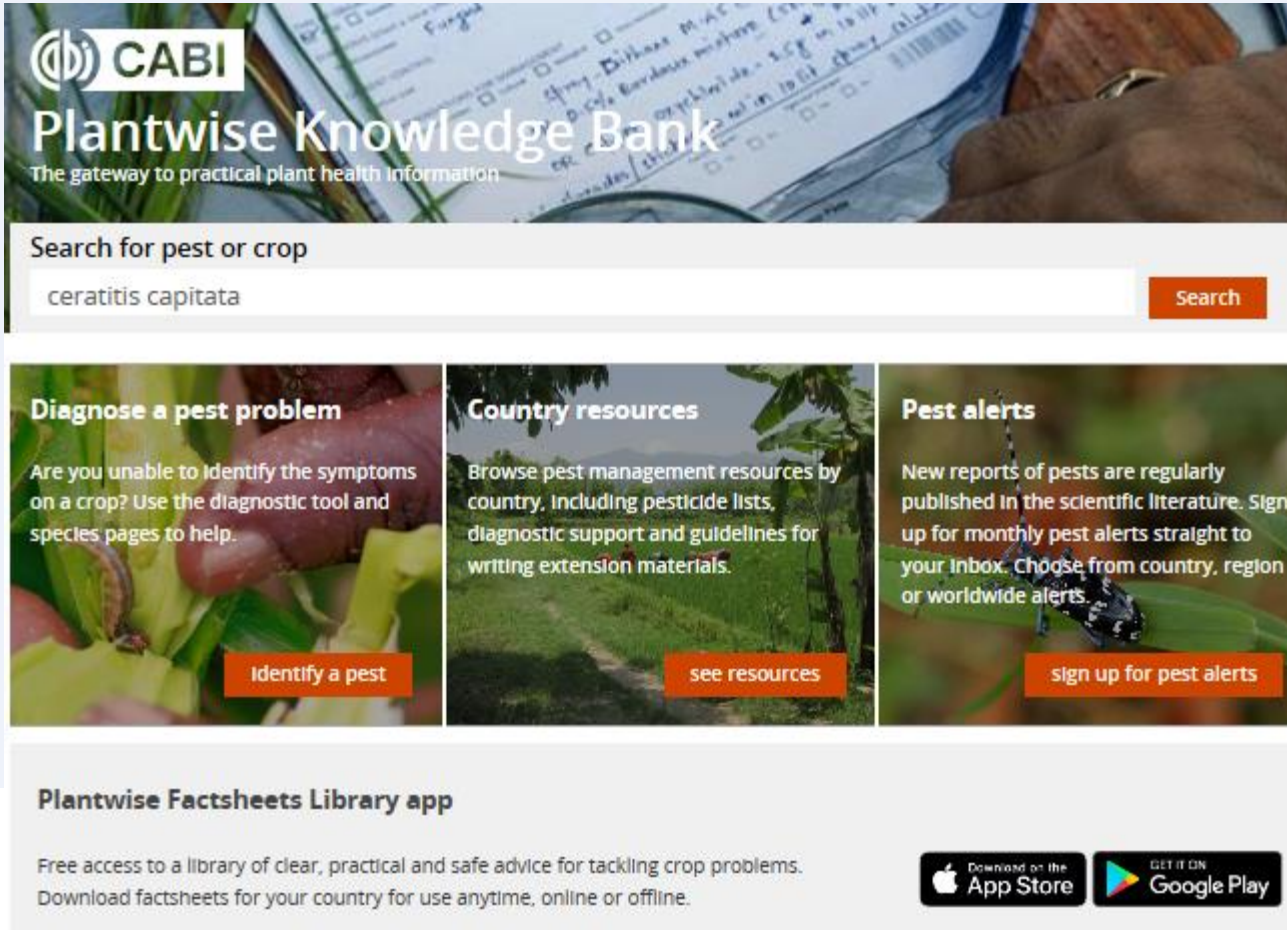
Diagnose a pest problem
Are you unable to identify the symptoms on a crop? Use the diagnostic tool and species pages to help.
[Identify a pest](#)

Country resources
Browse pest management resources by country, including pesticide lists, diagnostic support and guidelines for writing extension materials.
[see resources](#)

Pest alerts
New reports of pests are regularly published in the scientific literature. Sign up for monthly pest alerts straight to your inbox. Choose from country, region or worldwide alerts.
[sign up for pest alerts](#)

Plantwise Factsheets Library app
Free access to a library of clear, practical and safe advice for tackling crop problems. Download factsheets for your country for use anytime, online or offline.

[Download on the App Store](#) [GET IT ON Google Play](#)



CABI
Plantwise Knowledge Bank
The gateway to practical plant health information

Search for pest or crop
ceratitis capitata [Search](#)

Diagnose a pest problem
Are you unable to identify the symptoms on a crop? Use the diagnostic tool and species pages to help.
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Country resources
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4. Algunas fuentes útiles para los ARP

B) Datos de la plaga: biología, taxonomía y distribución

- **Taxonomía:** <http://www.catalogueoflife.org/col/>



Catalogue of Life: 2020-09-01 Beta

indexing the world's known species



English French **Spanish** Chinese Russian Portuguese Dutch German Polish Lithuanian Thai Vietnamese

-  Consultar ▶
-  **Buscar** ▶
-  Info ▶

Buscar la edición **Catalogue of Life**

Buscar por:

-
- ☒ Mostrar taxones extintos (†)
 - ☒ Búsqueda exacta

Buscar

Annual Checklist Interface v1.9 rev 2126ab0 desarrollada por Naturalis Biodiversity Center

Detalles de la especie : *Ceratitis capitata* (Wiedemann, 1824)



Nombre válido:	<i>Ceratitis capitata</i> (Wiedemann, 1824) (nombre válido)		
Sinónimos:	<i>Ceratitis citripeda</i> Efflatoun, 1924 (sinónimo) <i>Ceratitis citriperda</i> Macleay, 1829 (sinónimo) <i>Ceratitis hispanica</i> Breme, 1842 (sinónimo) <i>Pardalaspis asparagi</i> Bezzi, 1924 (sinónimo)		
Nombres comunes:	-		
Clasificación:	Reino	Animalia	CoL
	Filo	Arthropoda	CoL
	Clase	Insecta	CoL
	Orden	Diptera	Systema Dipterorum
	Familia	Tephritidae	Systema Dipterorum
	Género	<i>Ceratitis</i>	Systema Dipterorum
Distribución:	tropical Africa, Madagascar, Mauritius, Reunion; introduced North A frica, s. Europe, Middle East, Neotropics, w. Australia, Hawaii		
Lifezones:	-		
Información adicional:	-		
Último escrutinio taxonómico:	Norrbon, A. L., L. E. Carroll, F. C. Thompson, I. M. White & A. Freidberg, 1999		
Base de datos de origen:	Systema Dipterorum, 2.0, Jan 2011	98% ★★★★★ ☆	
Referencia bibliográfica:	Pape T. & Thompson F.C. (eds). (2020). Systema Dipterorum (version 2.0, Jan 2011). In: Species 2000 & ITIS Catalogue of Life, 2020-09-01 Beta (Roskov Y.; Ower G.; C Bourgoin T.; DeWalt R.E.; Decock W.; Nieukerken E. van; Penev L.; eds.). Digital resource at www.catalogueoflife.org/col . Species 2000: Naturalis, Leiden, the Netherlands		
Recurso online:			

4. Algunas fuentes útiles para los PRA

B) Datos de la plaga: **biología, taxonomía y distribución (CONT.)**

- EPPO Website:

https://www.eppo.int/ACTIVITIES/plant_quarantine/shortnotes_qps





HOME

ABOUT EPPO ▾

MEETINGS ▾

ACTIVITIES ▾

RESOURCES ▾

WHERE IS BEASTIE?

MEMBERS ONLY ▾

Short notes on specific pests

Most of the short notes listed below relate to first records in the EPPO region of regulated pests or new emerging pests. Scientists and NPPOs are encouraged to submit short notes on pests and diseases to the EPPO Secretariat for publication on this website. If you wish to publish here a short note, [contact the EPPO Secretariat](#) ✉

Pest	Title	Date
<i>Anoplophora chinensis</i>	Eradication programme in Lombardia (Italy) by Matteo MASPERO, Guglielmo CAVALIERI, Giovanni D'ANGELO, Costanza JUCKER, Marta VALENTINI, Mario COLOMBO, Franck HERARD, Jaime LOPEZ, Nathalie RAMUALDE, Mariangela CIAMPITTI, Gualtiero CAREMI & Beniamino CAVAGNA	2007
<i>Anoplophora glabripennis</i>	Eradication programme in Italy by Franck HERARD, Matteo MASPERO, Nathalie RAMUALDE, Costanza JUCKER, Mario COLOMBO, Mariangela CIAMPITTI, and Beniamino CAVAGNA	2009
<i>Anoplophora</i> spp.	Identification of host plants of <i>Anoplophora chinensis</i> and <i>A. glabripennis</i> by Edu BOER	2013
<i>Aleurocanthus spiniferus</i>	First record of <i>Aleurocanthus spiniferus</i> (Homoptera: Aleyrodidae) in Apulia, Southern Italy by Francesco PORCELLI	2009
<i>Bactericera tremblayi</i>	First record of the onion psyllid <i>Bactericera tremblayi</i> (Wagner, 1961) (Insecta: Hemiptera: Sternorrhyncha: Psylloidea) and new symptoms on leek crops in France by David OUVARD	2012
<i>Bactrocera zonata</i>	Bactrocera zonata and its identification by the EPPO Secretariat and Ian M. WHITE	2002
<i>Diabrotica virgifera virgifera</i>	Diabrotica virgifera virgifera situation in Europe by the EPPO Secretariat	2012
<i>Glycaspis brimblecombei</i>	First record of the redgum lerp psyllid, <i>Glycaspis brimblecombei</i>, a new exotic pest of <i>Eucalyptus camaldulensis</i> in Southern Italy by Stefania LAUDONIA & Antonio Pietro GARONNA	2011



4. Algunas fuentes útiles para los PRA

B) Datos de la plaga: categorización y regulación

- EPPO global database: <https://gd.eppo.int/>

Euwallacea fornicatus (XYLBFO)

MENU

- Overview
- Distribution
- Host plants
- Host commodities
- Categorization →**
- Reporting
- Documents

TOOLS

- Save list as excel file
- Save list as csv file

Categorization		Year addition	Year transfer	Year deletion
Country/NPPO	List			
Africa				
East Africa	A1 list	2001		
Morocco	Quarantine pest	2018		
Southern Africa	A1 list	2001		
America				
Chile	A1 list	2019		
Mexico	Quarantine pest	2018		
Europe				
Turkey	A1 list	2016		
RPPO/EU				
CAN	A1 list	1992		
EPPO	A2 list	2016		
EPPO	Alert list (formerly)	2016		2016
OIRSA	A1 list	1992		

4. Algunas fuentes útiles para los PRA

C) Vías de entrada (pathways)

- Comercio: **FAOSTAT** <http://www.fao.org/faostat/en/#home>
- Datacomex (España y UE): <http://datacomex.comercio.es/>
- Banco Mundial www.worldbank.com
- Eurostat: <https://ec.europa.eu/eurostat/data/database>
- Europhyt (interceptaciones):
http://ec.europa.eu/food/plant/europhyt/index_en.htm
- CIRCA (notificaciones): <https://circabc.europa.eu>
- Notificaciones de plagas (ej. EPPO reporting service):
http://archives.eppo.int/EPPOReporting/Reporting_Archives.htm




**Food and Agriculture Organization
of the United Nations**

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FAOSTAT

[Data](#) | [Selected Indicators](#) | [Compare Data](#) | [Definitions and Standards](#) | [FAQ](#)

Crops and livestock products

[Back to domains](#)

[DOWNLOAD DATA](#) | [VISUALIZE DATA](#) | [METADATA](#)

[COUNTRIES](#) | [REGIONS](#) | [SPECIAL GROUPS](#) | [EXCI](#)

☐ Afghanistan
☐ Albania
☐ Algeria
☐ American Samoa
☐ Angola
☐ Antigua and Barbuda

[Select All](#) | [Clear All](#)

[ELEMENTS](#)

☐ Import Quantity
☐ Import Value
☐ Export Quantity
☐ Export Value

[Select All](#) | [Clear All](#)

[ITEMS](#) | [ITEMS AGGREGATED](#)

☐ Alfalfa meal and pellets
☐ Almonds shelled
☐ Almonds, with shell

[YEARS](#)

☐ 2018
☐ 2017
☐ 2016

Crops and livestock products

The food and agricultural trade dataset is collected, processed and disseminated by FAO according to the standard International Merchandise Trade... [Show More](#)

Food and Agriculture Organization of the United Nations (FAO)

Bulk Downloads

All Data	64.67 MB
All Data Normalized	113.42 MB
All Area Groups	24.92 MB
Africa	7.97 MB
Americas	7.7 MB
Asia	10.07 MB
Europe	11.45 MB
Oceania	2.14 MB



4. Algunas fuentes útiles para los PRA

D) Cultivos en el mundo

Coberturas mapas:

<http://capra.eppo.org/maps.php>





CAPRA NETWORK



Menu

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[Datasets for PRA](#)
[Downloads](#)
[PRATIQUE Deliverables](#)

User login

Login :

Password:

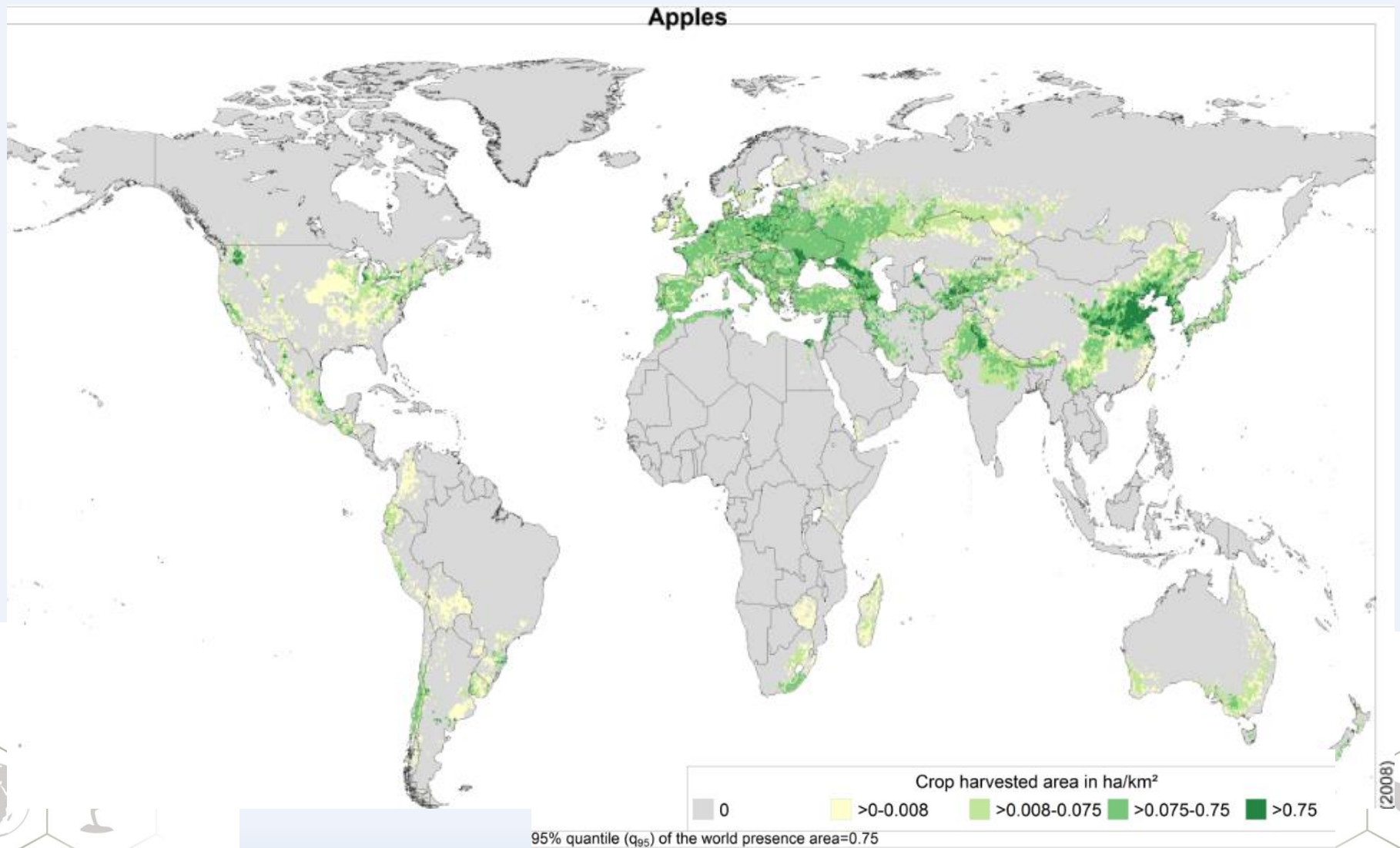
- [Lost password ?](#)
- [Register](#)

Global Crop Maps

Set out below you will find global distribution maps of the area harvested (hectares per km - harea) and yield (tonnes per km - prod) for 175 crops. The data have been downloaded from a [McGill University website](#) and a full description is provided by [Monfreda et al. \(2008\)](#). As part of the PRATIQUE EU project, Maxime Dupin has manipulated and mapped the data so that the maximum in the legend (dark green) represents the top 5% of the world crop distribution (the 95% quantile). The *.png format is designed to be easily inserted into e.g. Microsoft Office programs. Please always ensure that the source ([Monfreda et al. \(2008\)](#)) is always mentioned.

Monfreda, C., Ramankutty, N. & Foley, J. A. 2008. Farming the planet: 2. Geographic distribution of crop areas, yields, physiological types, and net primary production in the year 2000, *Global Biogeochemical Cycles*, 22, 1-19.

Crop	Resolution	Type	Download (new window)	Source
abaca	5min	harea	abaca_5min_harea.png	Monfreda et al. (2008) - McGill University
abaca	5min	prod	abaca_5min_prod.png	Monfreda et al. (2008) - McGill University
agave	5min	harea	agave_5min_harea.png	Monfreda et al. (2008) - McGill University
agave	5min	prod	agave_5min_prod.png	Monfreda et al. (2008) - McGill University
alfalfa	5min	harea	alfalfa_5min_harea.png	Monfreda et al. (2008) - McGill University
alfalfa	5min	prod	alfalfa_5min_prod.png	Monfreda et al. (2008) - McGill University
almond	5min	harea	almond_5min_harea.png	Monfreda et al. (2008) - McGill University
almond	5min	prod	almond_5min_prod.png	Monfreda et al. (2008) - McGill University
aniseetc	5min	harea	aniseetc_5min_harea.png	Monfreda et al. (2008) - McGill University
aniseetc	5min	prod	aniseetc_5min_prod.png	Monfreda et al. (2008) - McGill University
apple	5min	harea	apple_5min_harea.png	Monfreda et al. (2008) - McGill University
apple	5min	prod	apple_5min_prod.png	Monfreda et al. (2008) - McGill University
apricot	5min	harea	apricot_5min_harea.png	Monfreda et al. (2008) - McGill University
apricot	5min	prod	apricot_5min_prod.png	Monfreda et al. (2008) - McGill University
areca	5min	harea	areca_5min_harea.png	Monfreda et al. (2008) - McGill University
areca	5min	prod	areca_5min_prod.png	Monfreda et al. (2008) - McGill University
artichoke	5min	harea	artichoke_5min_harea.png	Monfreda et al. (2008) - McGill University
artichoke	5min	prod	artichoke_5min_prod.png	Monfreda et al. (2008) - McGill University
asparagus	5min	harea	asparagus_5min_harea.png	Monfreda et al. (2008) - McGill University
asparagus	5min	prod	asparagus_5min_prod.png	Monfreda et al. (2008) - McGill University
avocado	5min	harea	avocado_5min_harea.png	Monfreda et al. (2008) - McGill University
avocado	5min	prod	avocado_5min_prod.png	Monfreda et al. (2008) - McGill University



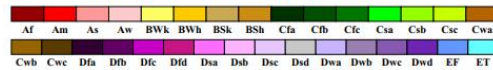
4. Algunas fuentes útiles para los PRA

E) Clima

Kottek, M., Grieser, J., Beck, C., Rudolf, B., Rubel, F. 2006. World Map of the Köppen-Geiger climate classification updated. *Meteorologische Zeitschrift*, 15, 259-263.

http://koeppen-geiger.vu-wien.ac.at/pdf/Paper_2006.pdf

World Map of Köppen-Geiger Climate Classification
updated with CRU TS 2.1 temperature and VASCLIM v1.1 precipitation data 1951 to 2000



Main climates

A: equatorial
B: arid
C: warm temperate
D: snow
E: polar

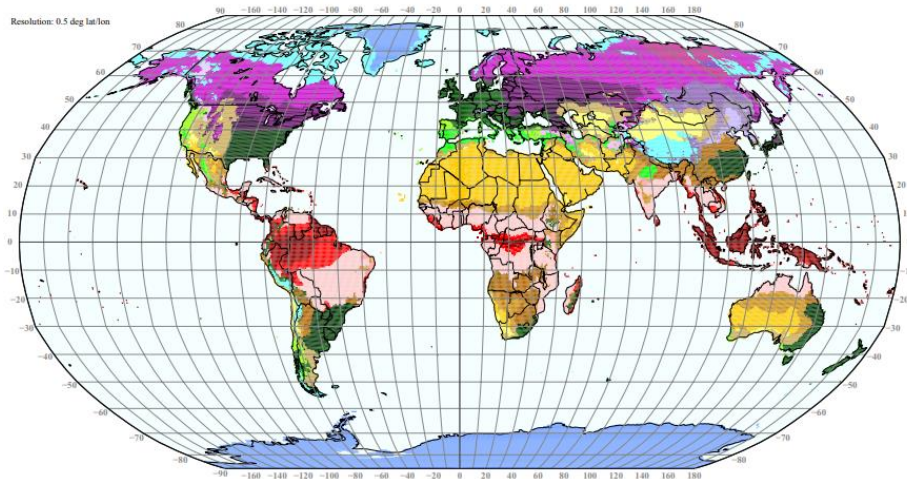
Precipitation

W: desert
S: steppe
f: fully humid
s: summer dry
w: winter dry
m: monsoonal

Temperature

h: hot arid
k: cold arid
a: hot summer
b: warm summer
c: cool summer
d: extremely continental
F: polar frost
T: polar tundra

Resolution: 0.5 deg lat/lon



4. Algunas fuentes útiles para los PRA

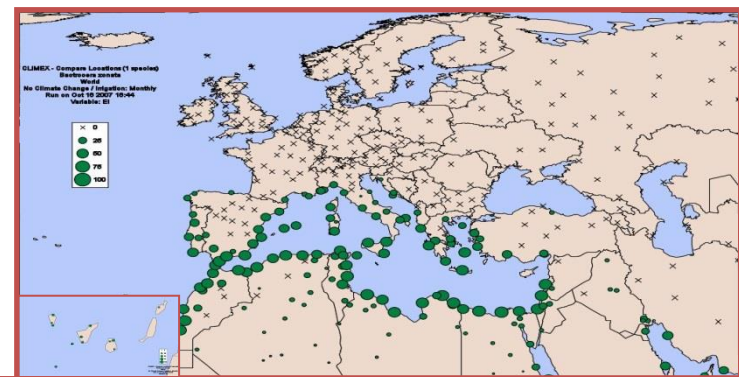
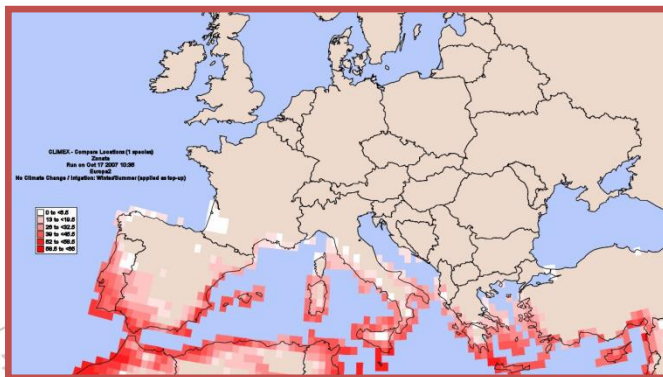
E) Clima

HERRAMIENTAS INFORMÁTICAS DE MODELIZACIÓN EJ: CLIMEX/DYMEX

- Predecir la dispersión de una plaga
- Comparar climas



<https://www.hearne.software/Software/CLIMEX-DYMEX/Editions>



Predicción de la distribución del Índice Ecoclimático de Bactrocera Zonata en Europa y norte de África- CLIMEX

Manejo: <http://capra.eppo.org/dataset/view14.php>

4. Algunas fuentes útiles para los PRA

F) Manejo de plagas

Compendium of Pesticide Common Names

(Base de datos con la nomenclatura química y la traducción a varios idiomas)

<http://www.alanwood.net/pesticides/>



[Site Map](#)

Compendium of Pesticide Common Names

[Help](#)

Index of Common Names

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z n

Index

A

abamec
abamec
aminom
absicis
acid
ACC
acephat
acequin
acetami
acethior
acetoch
acetofei
acetoph
acetopn
acibenz
acifluor
aclonife
ACN
acrep
acrinath
acrolein
acryloni
acynon
acypeta
afidopyr
afoxolar
(S)
-afoxola
alachlor
alanap
alanyca
albenda
aldicarb
aldicarb
sulfone
aldimon

abamectin

CHINESE: 阿维菌素; FRENCH: abamectine (*n.f.*); RUSSIAN: абамектин

STATUS: ISO 1750 (published)

IUPAC NAME: extended von Baeyer nomenclature: mixture of 80–100% (10*E*,14*E*,16*E*)-(1*R*,4*S*,5'*S*,6*S*,6'*R*,8*R*,12*S*,13*S*,20*R*,21*R*,24*S*)-6'-[(*S*)-*sec*-butyl]-21,24-dihydroxy-5',11,13,22-tetramethyl-[15.6.1.1^{4,8},0^{20,24}]pentacosa-10,14,16,22-tetraene)-6-spiro-2'-(5',6'-dihydro-2'*H*-pyran)-12-yl 2,6-dideoxy-4-*O*-(2,6-dideoxy-3-*O*-methyl- α -L-arabino-hexopyranosyl)-3-*O*-methyl- α -L-arabino-hexopyranoside and 20–0% (10*E*,14*E*,16*E*)-(1*R*,4*S*,5'*S*,6*S*,6'*R*,8*R*,12*S*,13*S*,20*R*,21*R*,24*S*)-21,24-dihydroxy-6'-isopropyl-5',11,13,22-tetramethyl-2-oxo-(3,7,19-trioxatetracyclo[15.6.1.1^{4,8},0^{20,24}]pentaspiro-2'-(5',6'-dihydro-2'*H*-pyran)-12-yl 2,6-dideoxy-4-*O*-(2,6-dideoxy-3-*O*-methyl- α -L-arabino-hexopyranosyl)-3-*O*-methyl- α -L-arabino-hexopyranoside or

bridged fused ring systems nomenclature: mixture of 80–100% (2*aE*,4*E*,8*E*)-(5'*S*,6*S*,6'*R*,7*S*,11*R*,13*S*,15*S*,17*aR*,20*R*,20*aR*,20*bS*)-6'-[(*S*)-*sec*-butyl]-5',6,6',7,10,11,14,15,17*a*,20,20*a*,2-dihydroxy-5',6,8,19-tetramethyl-17-oxospiro[11,15-methano-2*H*,13*H*,17*H*-furo[4,3,2-*pq*][2,6]benzodioxacyclooctadecin-13,2'-[2*H*]pyran]-7-yl 2,6-dideoxy-4-*O*-(2,6-dideoxy-3-*O*-methyl- α -L-arabino-hexopyranosyl)-3-*O*-methyl- α -L-arabino-hexopyranoside and 20–0% (2*aE*,4*E*,8*E*)-(5'*S*,6*S*,6'*R*,7*S*,11*R*,13*S*,15*S*,17*aR*,20*R*,20*aR*,20*bS*)-5',6,6',7,10,11,14,15,17*a*,20,20*a*,2-dihydroxy-6'-isopropyl-5',6,8,19-tetramethyl-17-oxospiro[11,15-methano-2*H*,13*H*,17*H*-furo[4,3,2-*pq*][2,6]benzodioxacyclooctadecin-13,2'-[2*H*]pyran]-7-yl 2,6-dideoxy-4-*O*-(2,6-dideoxy-3-*O*-methyl- α -L-arabino-hexopyranosyl)-3-*O*-methyl- α -L-arabino-hexopyranoside

CAS NAME: avermectin B₁

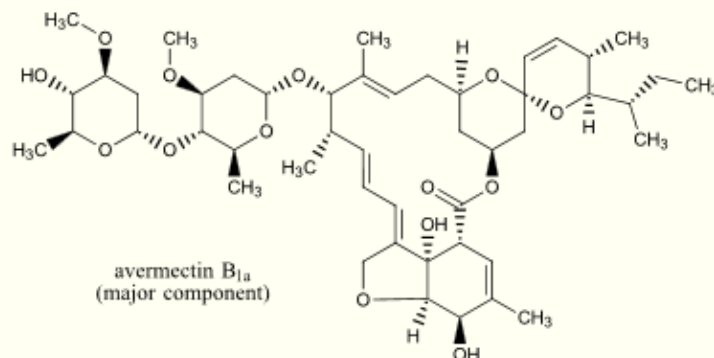
CAS REG. NO.: 71751-41-2

FORMULA: C₄₈H₇₂O₁₄ (avermectin B_{1a}) + C₄₇H₇₀O₁₄ (avermectin B_{1b})

ACTIVITY: acaricides ([avermectin acaricides](#))
insecticides ([avermectin insecticides](#))
nematicides ([avermectin nematicides](#))

NOTES: The name "abamectin" was provisionally approved for an 80:20 mixture in 1985, but the definition was changed at the request of the sponsor during the final approval process in 1990.

STRUCTURE:



H₂C



4. Algunas fuentes útiles para los PRA

F) Manejo de plagas

EU –Pesticides

https://ec.europa.eu/food/plant/pesticides_en



Plants

PESTICIDES

EU Pesticides database

Sustainable use of
pesticides

Approval of active
substances

Authorisation of Plant
Protection Products

Maximum Residue Levels

REFIT Evaluation



ALL TOPICS

Pesticides

Brexit

- Notice to stakeholders - Withdrawal of the United Kingdom and EU rules on plant protection products 
- Re-allocation of evaluations from the United Kingdom for active substances and maximum residue levels. 

What is a Pesticide?

A '**pesticide**' is something that prevents, destroys, or controls a harmful organism ('pest') or disease, or protects plants or plant products during production, storage and transport.

The term includes, amongst others: herbicides, fungicides, insecticides, acaricides, nematocides, molluscicides, rodenticides, growth regulators, repellents, rodenticides and biocides.

What is a Plant Protection Product?

Plant protection products are 'pesticides' that protect crops or desirable or useful plants.

They are primarily used in the agricultural sector but also in forestry, horticulture, amenity areas and in home gardens.

They contain at least one **active substance** and have one of the following functions:



4. Algunas fuentes útiles para los ARP

E) Manejo de plagas

APHIS-USDA de EEUU:

<https://www.aphis.usda.gov/aphis/ourfocus/planthealth/plant-pest-and-disease-programs>



Plant Health

[Program Overview](#)

[Pests and Diseases](#)

[Import into the U.S.](#)

[Export from the U.S.](#)

[International](#)

[Manuals](#)

Plant Pests and Diseases

Last Modified: Jun 2, 2020



Plant Pest and Disease Programs

PPQ responds to many new introductions of plant pests to eradicate, suppress, or contain them through various programs in cooperation with state departments of agriculture and other government agencies. These may be emergency or longer term domestic programs that target a specific regulated pest.

- [Pest and Disease Programs](#)
- [Report a Pest or Disease](#)
- [Federally Recognized State Managed Phytosanitary Program](#)
- [Special Needs Request](#)
- [Integrated Plant Health Information System \(IPHIS\)](#)
- [Survey Supply and Procurement Program](#)

Cooperative Agricultural Pest Survey (CAPS) Program

PPQ ensures that new introductions of harmful plant pests and diseases are detected as soon as possible, before they have a chance to cause significant damage. To accomplish this, PPQ and its State cooperators carry out surveys for high-risk pests through a network of cooperators in the Cooperative Agricultural Pest Survey (CAPS) program.

Crop Biosecurity and Emergency Management

PPQ provides national leadership and coordination in crop biosecurity and emergency management. As the lead

4. Algunas fuentes útiles para los PRA

G) Manejo del riesgo

- EFSA Panel on Plant Health (PLH), 2012. **Guidance on methodology for evaluation of the effectiveness of options for reducing the risk of introduction and spread of organisms harmful to plant health in the EU territory.** EFSA Journal 2012;10(6):2755
<http://www.efsa.europa.eu/en/efsajournal/pub/2755>
- Pautasso M. EFSA EXTERNAL SCIENTIFIC REPORT. Review of quantitative assessment of risk reduction options applied in the EFSA outputs on biological hazards, in support of a guidance document of the EFSA Panel on Plant Health. Supporting Publications 2012:EN-251
<http://onlinelibrary.wiley.com/doi/10.2903/sp.efsa.2012.EN-251/epdf>
- EFSA Panel on Plant Health (PLH), 2010. Guidance on a harmonised framework for pest risk assessment and **the identification and evaluation of pest risk management options** by EFSA. EFSA Journal 8(2):1495, 66 pp.
<http://www.efsa.europa.eu/en/efsajournal/pub/1495>
- EFSA Panel on Plant Health (PLH), 2009. Guidance of the Panel on Plant Health following a request from EFSA on the evaluation of pest risk assessments and **risk management options** prepared to justify requests for phytosanitary measures under Council Directive 2000/29/EC, EFSA Journal 1194, 18 pp.
<https://www.efsa.europa.eu/en/efsajournal/pub/1194>

4. Algunas fuentes útiles para los PRA

G) Manejo del riesgo

- **NIMF 11.** 2013. Análisis de riesgo de plagas para plagas cuarentenarias. Roma, CIPF, FAO **[VER ETAPA 3]**
<https://www.ippc.int/en/publications/639/>
- **EPPO Standard PM 5/5(1)** Decision support Scheme for an Express Pest Risk Analysis **[VER ETAPA 3]**
https://www.eppo.int/RESOURCES/eppo_standards/pm5_pra
- **APHIS-USDA: Integrated Pest Risk Management of plants for planting**
<https://www.aphis.usda.gov/aphis/ourfocus/planthealth/import-information/permits/plants-and-plant-products-permits/plants-for-planting/iprmms-plants-for-planting>
- **APHIS-USDA: Guidelines for Plant Pest Risk Assessment of Imported Fruit & Vegetables Commodities (Stage 3** en página 2-64). Con ello, elaboran lo que llaman el Risk Management Document (RMD).

2. Algunas fuentes útiles para los ARP

H) ARP en el mundo

EPPO: <https://pra.eppo.int/>

UK: <https://planthealthportal.defra.gov.uk/data/priority-pests/pra-available>

USA:
<https://www.aphis.usda.gov/aphis/ourfocus/planthealth/import-information/commodity-import-approval-process/risk-assessment/analysis>

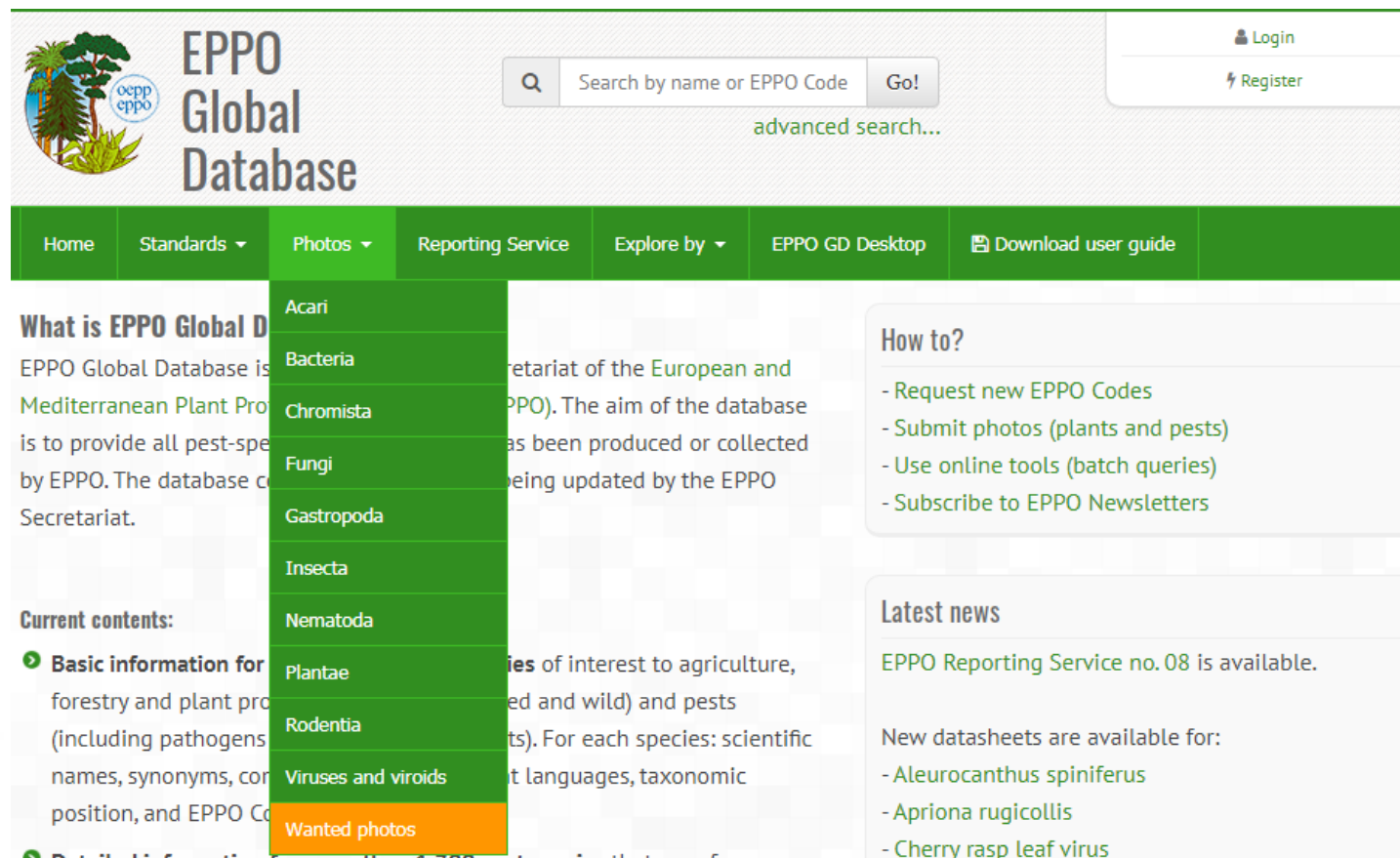
AUSTRALIA:
<https://www.agriculture.gov.au/biosecurity/risk-analysis/plant>



4. Algunas fuentes útiles para los ARP

I) Fotos

<https://gd.eppo.int/>



EPPO Global Database

Search by name or EPPO Code [advanced search...](#)

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What is EPPO Global Database?
EPPO Global Database is the official database of the Secretariat of the European and Mediterranean Plant Protection Organization (EPPO). The aim of the database is to provide all pest-species information that has been produced or collected by EPPO. The database is being updated by the EPPO Secretariat.

Current contents:

- Basic information for species of interest to agriculture, forestry and plant protection (including pathogens and pests) (including pathogens and pests). For each species: scientific names, synonyms, common names in different languages, taxonomic position, and EPPO Code.
- Detailed information for species of interest to agriculture, forestry and plant protection (including pathogens and pests) (including pathogens and pests). For each species: scientific names, synonyms, common names in different languages, taxonomic position, and EPPO Code.

How to?

- Request new EPPO Codes
- Submit photos (plants and pests)
- Use online tools (batch queries)
- Subscribe to EPPO Newsletters

Latest news

EPPO Reporting Service no. 08 is available.

New datasheets are available for:

- Aleurocanthus spiniferus
- Apriona rugicollis
- Cherry rasp leaf virus

MUCHAS GRACIAS POR SU ATENCIÓN

