GOBIERNO DE LA REPÚBLICA DE GUATEMALA
SECRETARÍA NACIONAL DE CIENCIA Y TECNOLOGÍA

CONCYT
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Secretaría Nacional de Ciencia y Tecnología
GUATEMALA

Búsqueda de variedades vegetales

Dirección Técnica

¿Qué es una variedad Vegetal?

- El término “especie” es una conocida unidad de la clasificación botánica del reino vegetal. Sin embargo, resulta claro que dentro de una especie puede haber muchos tipos diferentes de plantas. Los agricultores y los productores necesitan plantas con características particulares que se adapten a su entorno y prácticas de cultivo. Una variedad vegetal representa a un grupo de plantas definido con mayor precisión, seleccionado dentro de una especie, que presentan una serie de características comunes. El concepto de variedad vegetal se ilustra en: http://www.upov.int/overview/es/variety.html.Registro de la propiedad intelectual

¿Qué es la UPOV?

- La Unión Internacional para la Protección de las Obtenciones Vegetales (UPOV) es una organización intergubernamental con sede en Ginebra (Suiza). La UPOV fue constituida en 1961 por el Convenio Internacional para la Protección de las Obtenciones Vegetales (“Convenio de la UPOV”).

- La misión de la UPOV es proporcionar y fomentar un sistema eficaz para la protección de las variedades vegetales con miras al desarrollo de obtenciones vegetales en beneficio de la sociedad.

- El Convenio de la UPOV es el fundamento en que se apoyan los miembros para fomentar el fitomejoramiento mediante la concesión, a los obtentores de variedades vegetales, de un derecho de propiedad intelectual: el derecho de obtentor.

¿Qué hace la UPOV?

- La misión de la UPOV es proporcionar y fomentar un sistema eficaz para la protección de las variedades vegetales con miras al desarrollo de obtenciones vegetales en beneficio de la sociedad. Los principales objetivos de la Unión, de conformidad con el Convenio de la UPOV, son los siguientes:

- proporcionar y desarrollar las bases jurídicas, administrativas y técnicas para la cooperación internacional en materia de protección de las variedades vegetales;
- prestar asistencia a los Estados y las organizaciones en la elaboración de legislación y en la aplicación de un sistema eficaz de protección de las obtenciones vegetales; y
- mejorar la comprensión del público en general y sensibilizarlo en relación con el sistema de la UPOV de protección de las variedades vegetales.

¿Por qué es necesaria la protección de las obtenciones vegetales?

- Para que genere resultados satisfactorios, el fitomejoramiento requiere grandes destrezas y conocimientos. Además, el fitomejoramiento a gran escala requiere una importante inversión en tierras, equipos especializados (por ejemplo, invernaderos, cámaras de cultivo y laboratorios), así como en personal científico cualificado.

- El desarrollo de una variedad vegetal de interés lleva mucho tiempo (10 a 15 años en el caso de muchas especies vegetales). Pero no todas las obtenciones vegetales tienen éxito y, aunque las variedades muestren mejoras significativas, los cambios en las necesidades del mercado pueden eliminar la posibilidad de rentabilizar la inversión. Es, por tanto, necesario equilibrar los beneficios con el retorno de la gran inversión inicial. No obstante, por lo general, el fitomejoramiento proporciona variedades de mayor rendimiento y calidad, con el consiguiente beneficio para la sociedad.

¿Por qué es necesaria la protección de las obtenciones vegetales?

- Las actividades de fitomejoramiento continuadas y de largo plazo solo merecen la pena si hay posibilidad de ser recompensado por la inversión realizada. Para recuperar los costos de esta investigación y desarrollo, el obtentor puede solicitar protección a fin de obtener los derechos exclusivos sobre la nueva variedad.

- Asimismo, una vez que se comercializa una variedad nueva, a menudo otros pueden reproducirla fácilmente. Se priva así al obtentor inicial de la razonable oportunidad de beneficiarse de su inversión. Por lo tanto, es fundamental ofrecer un sistema eficaz de protección de las obtenciones vegetales, que fomente el desarrollo de nuevas variedades vegetales y que beneficie de este modo tanto al obtentor como a la sociedad en general.

https://www3.wipo.int/authpage/signin.xhtml?goto=https%3A%2F%2Fwww3.wipo.int%3A443%2Fpluto%2Fuser%2Fen%2Findex.jsp

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Password:

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UPOV

INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

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PLUTO: Plant Variety Database

New: Video Tutorial

The data currently in Plant Variety Database (PLUTO) was last updated on 2016-11-22.

Term Search | Denomination Search

SEARCH BY

UPOV Code	=	[lookup]
Denomination	=	
Record type	=	
Application Date	=	
Botanical name	=	

search

FILTER BY

Source | Type | Status | End Type | Grant Date | End Date

NL	189,152	FR	187,743	GB	166,613	DE	165,137
IT	157,067	PL	155,300	ES	154,746	CZ	145,783
DK	145,585	SK	143,892	HU	143,420	AT	139,674
HR	138,289	SE	136,505	BG	136,095	BE	135,901
RO	135,381	SI	135,034	PT	134,876	LT	134,121
EE	133,734	LV	132,676	IE	132,432	FI	132,421
QZ	131,424	LU	131,424	CY	131,424	GR	131,424
MT	131,424	QM	68,651	US	44,086	RU	30,814

Sort: Count - desc Display: List

filter

Current Search

Current Filter

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Current Search **Current Filter**

clear

1 - 25 / 759,704 edit columns 25 per page 1 / 30,389

UPOV Code	Country	Type	Botanical Name	Common Name	App. No	App. Date	Grant date	Denomination
ABELI	QZ	PBR	Abelia R. Br.		20042409	2005-01-14	2009-12-07	Minaud
ABELI	US	PLP	Abelia	Abelia			1955-11-08	Prostrate White
ABELI	QZ	PBR	Abelia R. Br.		20082129	2008-09-29	2011-04-18	Minedward
ABELI	QZ	PBR	Abelia R. Br.		20112811	2011-11-23	2015-05-26	Raspberry Profusion
ABELI	US	PLP	Abelia hybrid.	Abelia	11595432	2006-11-09	2008-05-27	Raspberry Profusion
ABELI	US	PLP	Abelia hybrid.	Abelia	11595035	2006-11-09	2008-05-27	Plum Surprise
ABELI	US	PLP	Abelia hybrida.	Abelia	12284871	2008-09-22	2009-12-22	Lynn
ABELI	US	PLP	Abelia Schumanii	Abelia	10442593	2003-05-20	2004-09-28	Saxon Gold
ABELI	US	PLP	Abelia grandifloraxchinensis	Abelia	10746651	2003-12-29	2004-10-05	Mardi Gras
ABELI	US	PLP	Abelia hybrid	ABELIA	11595433	2006-11-09		LAVENDER MIST
ABELI	NL	PBR	Abelia R. Br.		ABL1	1994-03-08	1995-06-29	Conti
ABELI	US	PLP	Abelia hybrid	Abelia plant	14545920	2015-07-08		ABENOV41
ABELI	CA	PBR	Abelia L.	Abelia	11-7353	2011-08-19		Lynn
ABELI	GB	PBR	Abelia R. Br.	ABELIA	23/290	2001-05-24	2003-05-19	SAXON GOLD
ABELI	GB	PBR	Abelia R. Br.	ABELIA	23/203	1997-10-24		HOPLEYS
ABELI	GB	PBR	Abelia R. Br.	ABELIA	23/146	1994-02-15		CONTI
ABELI	NZ	PBR	Abelia R.Br.	Abelia	SHM235	2008-02-18		Mardi Gras
ABELI	NZ	PBR	Abelia R.Br.	Abelia	SHM236	2008-02-18	2010-06-09	Kaleidoscope
ABELI	NZ	PBR	Abelia R.Br.	Abelia	SHM334	2013-10-10	2015-08-10	Abelops
ABELI	JP	PBR	Abelia R. Br.	Abelia	11704	1999-04-15	2004-03-03	SUNRISE
ABELI	JP	PBR	Abelia R. Br.	Abelia	12229	1999-12-27	2006-03-20	JACK POT
ABELI	JP	PBR	Abelia R. Br.	Abelia	16640	2004-02-09	2008-03-17	HOPLEYS

Abelops

https://www3.wipo.int/pluto/user/en/index.jsp

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PLUTO: Plant Variety Database

New: Video Tutorial

The data currently in Plant Variety Database (PLUTO) was last updated on 2016-11-22.

Term Search | Denomination Search

Search for UPOV Codes you are interested in. Clicking on an item in the list will add that item to the UPOV Code search box in the main search form. Help

UPOV Code = [lookup]

Denomination =

Search Type: Similarity Factor

search

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PLUTO: Plant Variety Database

New: Video Tutorial

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Term Search | Denomination Search

SEARCH BY

+ UPOV Code = [lookup]

+ Denomination =

+ Record type =

+ Application Date =

+ Botanical name =

search

FILTER BY

Source | Type | Status | End Type | Grant Date | End Date

QM	2	BE	2	FR	2	BG	1
HR	1	HU	1	AT	1	GB	1
LT	1	LV	1	NL	1	PL	1
PT	1	FI	1	RO	1	ES	1
SE	1	EE	1	SI	1	DK	1
SK	1	DE	1	CY	1	CZ	1
GR	1	IT	1	LU	1	QZ	1
MT	1	IE	1				

Sort: Count - desc Display: List

filter

Current Search

+ DEN:eucalyptus ✖

Current Filter

clear

1 - 5 / 5 edit columns

25 per page 1 / 1

UPOV Code	Country	Type	Botanical Name	Common Name	App. No	App. Date	Grant date	Denomination

Term Search | Denomination Search

SEARCH BY

UPOV Code = [lookup]

Denomination =

Record type =

Application Date =

Botanical name =

search

FILTER BY

Source | Type | Status | End Type | Grant Date | End Date

QM	2	BE	2	FR	2	BG	1
HR	1	HU	1	AT	1	GB	1
LT	1	LV	1	NL	1	PL	1
PT	1	FI	1	RO	1	ES	1
SE	1	EE	1	SI	1	DK	1
SK	1	DE	1	CY	1	CZ	1
GR	1	IT	1	LU	1	QZ	1
MT	1	IE	1				

Sort: Count - desc Display: List

filter

Current Search

DEN:eucalyptus

Current Filter

clear

1 - 5 / 5 edit columns 25 per page 1 / 1

UPOV Code	Country	Type	Botanical Name	Common Name	App. No	App. Date	Grant date	Denomination
BETAA_VUL	QZ	NLI	Beta vulgaris L.		96725		2014-12-09	Eucalyptus
BETAA_VUL	QM	ZZZ	Beta vulgaris	Beet Fodder/Sugar				Eucalyptus
BETAA_VUL	QM	ZZZ	Beta vulgaris	Beet Fodder/Sugar				Eucalyptus
BETAA_VUL_GVS	FR	NLI	Beta vulgaris L. ssp. vulgaris var. saccharifera Alef.		4051976	2013-01-04	2015-01-01	Eucalyptus
BETAA_VUL_GVS	BE	NLI	Beta vulgaris L. ssp. vulgaris var. saccharifera Alef.		VG/A/001 /00784	2013-01-03	2014-12-09	Eucalyptus

1 - 5 / 5 edit columns 25 per page 1 / 1

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1 / 5

Record Detail

Record Description

country code	QZ
record type	NLI
species latin name	Beta vulgaris L.
species UPOV code	BETAA_VUL
grant publication date	2015-02-19
grant start date	2014-12-09
remarks	SPECIES ENGLISH: Sugar beet
variety denomination class	CLASS 2.1,CLASS 2.2
application number	96725

Denominations

: Eucalyptus: proposed
2015-02-19: Eucalyptus: published

Parties Concerned

BE SESVanderhave N.V./S.A / FR SESVanderhave NV/SA: Maintainer

Information regarding equivalent applications in other countries

: D m (2): Priority application: :
: Sugar beet: Other application: :

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UPOV Training

UPOV Distance Learning Courses

Code	Course	Session	Study period	Registration period
DL-205	Introduction to the UPOV System of Plant Variety Protection under the UPOV Convention	Session 1 Session 2	06-Mar to 09-Apr 2017 25-Sep to 29-Oct 2017	09-Jan to 10-Feb 2017 14-Aug to 15-Sep 2017
DL-305A	Administration of Plant Breeders' Rights (Part A of DL-305 course: Examination of applications for plant breeders' rights)	Session 1 Session 2	06-Mar to 09-Apr 2017 25-Sep to 29-Oct 2017	09-Jan to 10-Feb 2017 14-Aug to 15-Sep 2017
DL-305B	DUS Examination (Part B of DL-305 course: Examination of applications for plant breeders' rights)	Session 1 Session 2	06-Mar to 09-Apr 2017 25-Sep to 29-Oct 2017	09-Jan to 10-Feb 2017 14-Aug to 15-Sep 2017
DL-305	Examination of applications for plant breeders' rights	Session 1 Session 2	06-Mar to 09-Apr 2017 25-Sep to 29-Oct 2017	09-Jan to 10-Feb 2017 14-Aug to 15-Sep 2017

The UPOV Courses are hosted on the WIPO eLearning Center.

Other Training

Naktuinbouw - Course on Plant Variety Protection, Wageningen, Netherlands
from June 19 to 30, 2017
Deadline for application: May 8, 2017
Deadline for application for a NFP, MENA or StuNed scholarships is 20 October 2015

For more information please click here and visit http://www.wur.nl/en/Education-Programmes/courses-forprofessionals/Show-1/CDIcourse_PVP_2017.htm
or contact Naktuinbouw: trainingservices@naktuinbouw.nl or tel. +31 (0)71 222 61 65

www.upov.int/genie/en/index.jsp
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- GENIE Database
- List of Crop / Species
- List of Authorities
- Standard Reports
- UPOV Code System
- UPOV Code Reports and Changes
- Plant Variety Database

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GENIE Database

Simple Search | Multiple Search Report

Search Crop / Species:

ALL
Botanical Name
Common Name in English
Common Name in French
Common Name in Spanish
Common Name in German

search

UPOV Code: search

Search Authority: by Name: ** Please select **

by 2-letter ISO Code: search

DATABASE

- GENIE Database
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- List of Authorities
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- UPOV Code Reports and Changes
- Plant Variety Database

GENIE Database

Simple Search | Multiple Search Report

Search Crop / Species:

ALL
Botanical Name
Common Name in English
Common Name in French
Common Name in Spanish
Common Name in German

eucalipto [search]

UPOV Code: [search]

Search Authority: by Name: ** Please select **

by 2-letter ISO Code: [search]

The GENIE database has been developed to provide online information on GENera and speclEs (hence GENIE) in relation to protection offered by members of the Union, cooperation in examination, experience in DUS testing and the existence of UPOV Test Guidelines. In addition, the GENIE database is the repository of the UPOV codes and provides information concerning alternative botanical and common names.

GENERAL NOTICE AND DISCLAIMER

Please note that the information provided by members of the Union in the GENIE database does not constitute an official publication of the authorities concerned. Users are particularly requested to note that it is not obligatory for members of the Union to supply data for the GENIE database and, for those members of the Union who supply data, it is not obligatory to supply data for all items. Contact details for the relevant authorities are provided on the UPOV website at http://www.upov.int/members/en/pvp_offices.html

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Search Crop / Species: Results

Query: eucalipto
Total items found: 1

UPOV CODE	BOTANICAL NAMES	ENGLISH	FRENCH	GERMAN	SPANISH
EUCAL	Eucalyptus L'Hér.	Eucalyptus	Eucalyptus	Eukalyptus	Eucalipto

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Eucalyptus L'Hér. (EUCAL)

Names & Denomination Class

Names & Denomination Class | Protection | DUS Guidance and Cooperation

UPOV Principal Botanical Name:	**Eucalyptus L'Hér.**	UPOV Code:	**EUCAL**
Other Botanical Names:		UPOV Variety Denomination Class:	**EUCAL** List of Classes *(UPOV/INF/12/4)*
English Common Names:	**Eucalyptus**		
French Common Names:	**Eucalyptus**	Family	**Myrtaceae**
German Common Names:	**Eukalyptus**	Relevant Technical Working Party(s) (TWPs)	**TWO**
Spanish Common Names:	**Eucalipto**	Crop Type(s)	**Ornamental Forest tree**

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Joint FAO/IAEA Programme
Nuclear Techniques in Food and Agriculture

Welcome to the Joint FAO/IAEA Mutant Variety Database

Search Varieties

Joint FAO/IAEA Division of Nuclear Techniques in Agriculture

Plant Breeding and Genetics Subprogramme

Most Recent Varieties

Variety Name	Latin Name
Binagomi-1	Triticum aestivum L.

Background

The application of mutation techniques has generated a vast amount of genetic variability and is playing a significant role in plant breeding and genetics and advanced genomics studies. The widespread use of mutation techniques in plant breeding programmes throughout the world has generated thousands of novel crop varieties in hundreds of crop species, and billions of dollars in additional revenue.

https://mvd.iaea.org/#!Search?Criteria[0][val]=corn
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Mutant Variety Search

Advanced Search

Search Varieties with

(Free Search) | corn

Search Criterion

(Free Search) = "corn"

Pages: 1 | Records: 3

First | Prev | Next | Last | Page 1 | Page Size 15

Variety Name	Latin Name	Common Name	Country	Registration
Corniche	Hordeum vulgare L.	Barley	United Kingdom	1985
Longfuyu 4	Zea mays L.	Maize	China	2004
Nebi	Hordeum vulgare L.	Barley	Germany	1983

https://mvd.iaea.org/#!Variety/1279
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Corniche

Mutant Variety ID	1279
Latin Name	Hordeum vulgare L.
Common Name	Barley
Country	United Kingdom
Description	The mutant variety Corniche was officialy approved in 1985. It was developed by complex cross with mutant variety Diamant obtained by irradiation of seeds with x-rays (100 Gy). Main improved attributes of mutant variety are high yield, resistance to lodging, resistance to stripe rust and good brewing quality.
Character Improvement	High yield, resistance to lodging, resistance to stripe rust and good brewing quality
Development Type	Crossing with one mutant variety

☆ Name and Registration

Local Registration Year	1985

https://mvd.iaea.org/#!Variety/1279
Suggested Sites | Web Slice Gallery | Google | Google Mail | Yahoo! | YouTube - Broadcast | Google Translate | Welcome to Facebook | Imported | Expatriate Community | » | Other bookmarks

☆ Crop Type and Improved Traits

Propagation Mode	Self pollination
Usage	Cereals

Improved Characters

Improved Character	Is Mutation Derived
Grain (seed) yield	
Plant structure	

☆ Development

Parent Type	Parent Name	Treatment		
		Material	Physical	Chemical
Mutant Variety	Diamant	Seed	x-rays, 100Gy	
Original Variety	Valticky	Seed	x-rays, 100Gy	

https://mvd.iaea.org/#!Variety/1279
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		Material	Physical	Chemical
Mutant Variety	Diamant	Seed	x-rays, 100Gy	
Original Variety	Valticky	Seed	x-rays, 100Gy	

Final Treatment

Mutagen Treatment	Treatment Material	Physical Treatment	Chemical Treatment
Physical	Seed	x-rays, 100Gy	

☆ Publications

- MBNL No: 32 Page 23

Joint FAO/IAEA Programme
Nuclear Techniques in Food and Agriculture

Databases

Soil and Water Management & Crop Nutrition

Direct Application of Phosphate Rock (DAPR)
Joint service of the IAEA, Food and Agriculture Organization (FAO) and the International Center for Soil Fertility and Agricultural Development (IFDC). An interactive decision support system providing scientific and technical services on the agronomic effectiveness of phosphate rock. The focus is on policy makers and farmers, predominantly those in the developing world (i.e., Africa, Asia & Latin America). View database »

Plant Breeding and Genetics

Mutant Varieties Database (MVD)
The FAO/IAEA Mutant Variety Database or MVD provides information on induced mutations suitable for breeding programme and genetic analysis.
Note: The FAO/IAEA Mutant Variety Database (MVD) has been replaced by the FAO/IAEA Database of Mutant Variety and Genetic Stock (MVGS); you are welcomed to visit the new website. View database »

Insect Pest Control

Tephritid Worker Database (TWD)
Joint service of the IAEA and Food and Agriculture Organization (FAO). An interactive resource providing information on tehpritid fruit fly researchers and plant protection officers in the world, providing expertise on species and specialty field, as well as recent publications, bibliographic references, news, directories, meetings, and projects. View

www-naweb.iaea.org/nafa/resources-nafa/databases.html
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The International Database on Insect Disinfestation and Sterilization (IDIDAS)
Joint service of the IAEA and Food and Agriculture Organization (FAO). An interactive resource providing information on a species basis for both disinfestation and sterilization of arthropods, with dosage levels and conditions, efficacy and references. The focus is on researchers, plant protection services and mass rearing facility and food irradiation operations personnel. View database »

World-Wide Directory of SIT Facilities (DIR-SIT)
Joint service of the IAEA and Food and Agriculture Organization (FAO). A source of information on worldwide mass rearing facilities of sterile pest insects and parasitoids for purposes of using them as part of an area-wide integrated pest management through the sterile insect technique, inherited sterility and biological control. View database »

Food and Environmental Protection

Food Contaminant and Residue Information System (FCRIS)
Joint service of the IAEA and Food and Agriculture Organization (FAO). Interactive resource on food and environmental contaminants, with a focus on Codex food standards and reducing the incidence of food trade detentions from contaminants and residues. View database »

Food Irradiation Clearances Database
The Food Irradiation Clearances database is a compilation of information on country approvals of irradiated foods for human consumption. The information includes country name, class of food, specific food product, objective of irradiation, date of approval and recommended dose limit. View database »

Food Irradiation Facilities Database
The Food Irradiation Facilities database is a compilation of information on facilities for the irradiation of foods intended for human consumption. The information includes country name, facility contact details, type of irradiator and energy source. View database »

This information resource is a valuable addition to our previously published Food Irradiation Clearances Database. Both databases are maintained by the Food and Environmental Protection Subprogramme of the Joint FAO/IAEA Division of Nuclear Techniques in Food and Agriculture. They are both available on the IAEA NUCLEUS portal for nuclear knowledge and information. NUCLEUS is the common access point to the IAEA scientific, technical and regulatory information resources. It incorporates and facilitates access to more than 100 IAEA databases, scientific and technical publications, as well as safety standards.

https://nucleus.iaea.org/sites/naipc/ididas/SitePages/International%20Database%20on%20Insect%20Disinfestation%20and%20Sterilization%20(IDIDAS).aspx

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International Database on Insect Disinfestation and Sterilization (IDIDAS)

Organisation

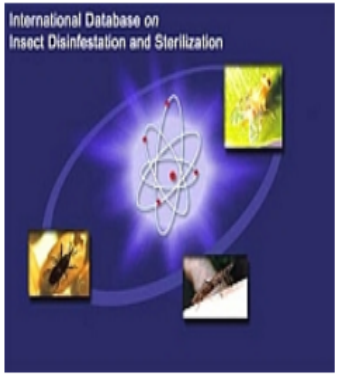
- Joint FAO/IAEA Programme
- Insect Pest Control Section
- Insect Pest Control Laboratory
- Food and Environmental Protection Section
- Food and Environmental Protection Laboratory

IDIDAS Database

- Search References
- Browse IDIDAS Database

Resources

Videos



The International Database on Insect Disinfestation and Sterilization or IDIDAS provides information on the doses of radiation applied for these purposes to mites and insect pests of crops and veterinary and human importance. It includes data on both the doses required for the **phytosanitary irradiation** (disinfestation) of fresh and durable commodities infested with specific pests, and also the radiation doses used to induce sterility (**sterilization**) in target pests for the application of the sterile insect technique, inherited sterility and biological control as part of area-wide integrated pest management programmes. Information on **phytosanitary irradiation** and **sterilization** doses, where available, is shown together for each pest species. IDIDAS includes the most complete information available on major groups of insect pests such as fruit flies, mosquitoes, moths, screwworm flies, and tsetse flies, but also other insect and mite pests.

Database Searching Features

IDIDAS entities follow a formal classification of pests descending from Class through Order, Family and Genus to Species and may be accessed through a Taxonomic Tree. One or more common names is given to assist in the searching of the database, but these often differ from country to country and care must be taken to ensure that the species is correct for the locality. Taxonomic classification is constantly changing, so where it is possible to do so with certainty, previous names (synonyms) of pests actually tested are given and are searchable. **Important Note**: For the best search results, please use the specific database search function at the left hand side of the page "**Browse IDIDAS Database**"

In addition to original papers, references have been drawn from abstract and other databases including those of the Federal Research Centre for Nutrition, Karlsruhe, Germany; Agricola and CABI London, and the International Nuclear Information System (INIS), Vienna. The **phytosanitary irradiation** data in IDIDAS have been compiled by Neil Heather with the assistance of Guy Hallman, United States Department of Agriculture, Agricultural Research Service, Weslaco, TX, USA. The **sterilization** data has been compiled by Abdeljelil Bakri. Both compilations have been done under the direction of the Insect Pest Control Section and the Food and Environment Protection Section of the Joint FAO/IAEA Programme of

Resources

Videos

Generic Irradiation Doses – CRP (Members Only)

Contact_us

Site Contents

Agricola and CABI London, and the International Nuclear Information System (INIS), Vienna. The **phytosanitary irradiation** data in IDIDAS have been compiled by Neil Heather with the assistance of Guy Hallman, United States Department of Agriculture, Agricultural Research Service, Weslaco, TX, USA. The **sterilization** data has been compiled by Abdeljelil Bakri. Both compilations have been done under the direction of the Insect Pest Control Section and the Food and Environment Protection Section of the Joint FAO/IAEA Programme of Nuclear Techniques in Food and Agriculture.

Disclaimer: IDIDAS is a database intended to provide access to scientific and other publications which detail findings on doses required for **phytosanitary irradiation** of specific commodities against specific pests for specific purposes, and also for **sterilizing** pests for the purpose of applying the sterile insect technique, inherited sterility and biological control. The information on radiation doses is summarized in IDIDAS, even though some of the publications compiled are unreliable due to poor methodologies and lack of dosimetries. Therefore, it is the responsibility of the user to confirm the information and to verify it by way of the original publication. Whilst every effort has been made to search all relevant publications, no assurance can be given that the reference search has been exhaustive.

Resource Characteristics

Quality Level: Not quality checked
Completeness: Selective
Update Frequency: Continually

Last Resource Update: August 2013

Subject
Food and Agriculture

Organizational Source
Nuclear Sciences and Applications | NAFA - Division of Nuclear Techniques in Food and Agriculture

Data Type
Reference Material

plants.usda.gov/java/

Suggested Sites | Web Slice Gallery | Google | Google Mail | Yahoo! | YouTube - Broadcast | Google Translate | Welcome to Facebook | Imported | Expatriate Community | » | Other bookmarks

USDA United States Department of Agriculture
Natural Resources Conservation Service

NRCS

PLANTS Database

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- Characteristics
- Classification
- Cover Crops
- Culturally Significant
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- Documentation
- Fact Sheets & Plant Guides
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The PLANTS Database provides standardized information about the vascular plants, mosses, liverworts, hornworts, and lichens of the U.S. and its territories.

Plant of the Week

tuberous grasspink
Calopogon tuberosus (L.) Britton, Sterns & Poggenb.

Click on the photo for a full plant profile.

Spotlights

Slide show for images
PLANTS now presents images in a "slide show", enabling PLANTS users to scroll through photos and line art, providing a faster and easier way to review images.

PLANTS has new maps
Plants is trying out a new, more modern mapping system. Our new system allows users to scroll side to side and zoom in and out. At

I Want To...
- See a list of the plants in my state
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- Learn about all the endangered plants of the U.S.
- Learn about noxious and invasive plants
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- Download data or posters
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- Get ecological descriptions of sites from around the country
- View the USDA Plant Hardiness Zone Map

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- Introduction to PLANTS

Data

- Business Listings & Directories
- Plant Variety Database
- National Cotton Database
- Microbiological Data Program
- Pesticide Data Program
- Marketing Order Statistics
- Infographics & Data Visualizations

Forms

- Commodity Procurement
- Cotton and Tobacco
- Country of Origin Labeling (COOL)
- Dairy
- Federal Seed Act

Plant Variety Database

SHARE

Issued Certificates Database

The issued certificates database contains pdf format files of PVP certificates that were scanned. Other certificates are added to this database as they are scanned. To the best of our knowledge, the information contained in the database is a copy of the original application for a certificate of protection.

Certificate Status Database

PVPO posts a public version of the Certificate Status Database monthly or as time permits. PVPO cannot guarantee the accuracy of the Status and Status Date fields or the update frequency of the PVPO Certificate Status Database. This information is provided through the Germplasm Resources Information Network, which is maintained by the U.S. Department of Agriculture's Agricultural Research Service.

News & Announcements

- 11/22 USDA Proposes New Form for Processed Egg Export Verification Program; Invites Public Comments
- 11/07 USDA Hosting Livestock Mandatory Reporting Stakeholder Meetings
- 11/04 USDA Proposes to Amend Quality Systems Verification Programs; Invite Public Comments

View all news & announcements >

www.ars-grin.gov/cgi-bin/npgs/pvp/pvplist.pl
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Plant Variety Protection Office

Status of Certification Nov, 2016

Search by PV Number/Variety Name [ ] Go *

Search by Applicant or Owner Name [ ] Go *

* Searches are wildcarded at both ends so partial strings can be entered, e.g. hi becomes *hi* and will find Chico, Achiever, Chief etc.

or Select a Crop:

Agrotricum	Bromegrass, smooth	Cucumber (f1)	Lupin	Radish, fodder	Timothy
Alfalfa	Bromegrass, sweet	Dahlia	Manna grass	Rape	Timothy, turf
Alkaligrass, weeping	Bromegrass, thready	Daisy, blackfoot	Marigold	Rape, winter	Tobacco
Artichoke	Buckwheat	Daisy, english	Meadowfoam	Reed canarygrass	Tobacco (f1)
Artichoke (f1)	Buffalograss	Delphinium	Melon, kharbuza	Rescuegrass	Tomato
Arugula	Buffelgrass	Dogstail, crested	Millet, pearl	Rhodes grass	Tomato (f1)
Ashitaba	Burclover, california	Eggplant	Muskmelon	Rice	Trachelium
Asparagus (f1)	Burnet, little	Endive	Muskmelon (f1)	Rice (f1)	Trefoil, birdsfoot
Aster, china	Cabbage	Fennel	Mustard, ethiopian	Rocket, wild	Triticale
Atra paspalum	Calendula	Fescue, chewings	Mustard, india	Rye	Tufted hairgrass
Baby's breath, annual	Calla lily (f1)	Fescue, creeping	Mustard, white	Ryegrass (lolium x hybridum)	Turnip
Bahiagrass	Campanula (f1)	Fescue, hard	Nasturtium	Ryegrass, annual	Twinspur (f1)
Barley	Caper spurge	Fescue, idaho	Nierembergia	Ryegrass, perennial	Velvetbean
Basil	Carrot	Fescue, meadow	Oat	Safflower	Verbena, annual
Bean, field	Castorbean	Fescue, red	Oat, black	Sage, scarlet	Verbena, prairie
Bean, garden	Cauliflower	Fescue, sheep	Okra	Sainfoin	Vetch, chickling
Bean, lima	Celery	Fescue, tall	Onion	Salicornia	Vetch, common
Bean, mung	Centipedegrass	Festulolium	Onion, bunching	Seashore paspalum	Vetch, hairy
Bean, runner	Chia	Flaccidgrass	Orchardgrass	Seashore paspalum (f1)	Vetch, milkvetch
Beet	Chickpea	Flannel flower	Pak-choi	Sesame	Vinca
Beet, garden	Chicory	Flax	Papaya	Shallot	Wallflower
Beet, sugar	Chrysanthemum	Florida fingergrass	Parsley	Snapdragon	Watermelon
		Forget-me-not	Parsnip	Sneezeweed, annual	Watermelon (f1)

www.ars-grin.gov/cgi-bin/npgs/pvp/pvp.pl?Rhodes grass

https://ec.europa.eu/food/plant/plant_propagation_material/plant_variety_catalogues_databases_en
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PLANT REPRODUCTIVE MATERIAL

- Legislation
- Equivalence requirements for non-EU countries
- Plant variety catalogues & databases
- Plant genetic resources
- Expert group

ALL TOPICS

Plant variety catalogues & databases

Share

EU database of registered plant varieties

The common catalogues of varieties of agricultural plant and vegetable species list the varieties which can be marketed in the EU.

Catalogues are based on the registration of plant varieties in EU countries after they have been technically examined there and notified to the Commission. They are published in the Official Journal.

Variety registration is a precondition for the certification of seed.

Criteria

To be listed, varieties must meet standards on:

- Distinctness
- Uniformity
- Stability
- Value for cultivation and use – for agricultural crops

QUICK LINKS

- GMO register
- EU Pesticides database
- Procedure to apply for authorisation of a PPP
- Plant variety database
- Community Plant Variety Office (CPVO)
- Health and food audits and analysis
- European Food Safety Authority (EFSA)

www.theplantlist.org

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The Plant List

A working list of all plant species

Home | About | Browse | Statistics | Feedback | How to use this site

2010-2020 United Nations Decade on Biodiversity

Kew

Missouri Botanical Garden

Global Compositae Checklist

ILDIS

The Plant List is a working list of all known plant species. It aims to be comprehensive for species of Vascular plant (flowering plants, conifers, ferns and their allies) and of *Bryophytes* (mosses and liverworts).

Collaboration between the Royal Botanic Gardens, Kew and Missouri Botanical Garden enabled the creation of The Plant List by combining multiple checklist data sets held by these institutions and other collaborators.

Version 1.1 (September 2013) replaces Version 1.0 which remains accessible here. Version 1.1 includes new data sets, updated versions of the original data sets and improved algorithms to resolve logical conflicts between those data sets. The differences between versions are summarised here.

The Plant List provides the Accepted Latin name for most species, with links to all Synonyms by which that species has been known. Around 20% of names are unresolved indicating that the data sources included provided no evidence or view as to whether the name should be treated as accepted or not, or there were conflicting opinions that could not be readily resolved.

The Plant List is not perfect and represents work in progress. Our aims remain to produce a 'best effort' list, to demonstrate progress and to stimulate further work. Important limitations are summarised here.

Summary Statistics

The Plant List includes 1,064,035 scientific plant names of species rank. Of these 350,699 are accepted species names.

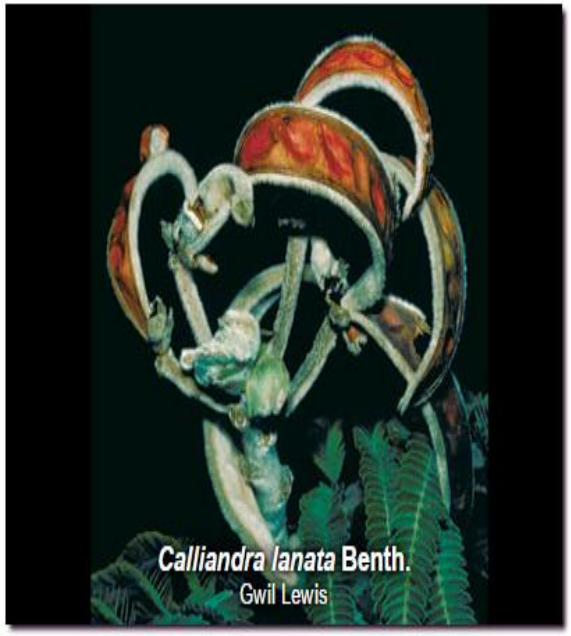
The Plant List contains 642 plant families and 17,020 plant genera.

Search

Enter a Genus (eg *Ocimum*) or genus and species (eg *Ocimum basilicum*).

Enter a genus or genus and species | SEARCH

? will match a single character. * will match any number of characters. Use at least three letters in the genus name if you include a ? or *.



***Calliandra lanata* Benth.**
Gwil Lewis

Muchas Gracias por su atención

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