

The PPDB – Instructions for Use

The present document aims at providing basic information on how to use the PPDB. Information on the Terms and Conditions of use can be found in the document 'Conditions of Use'. Support information can be found in the document 'Background and Support Information'. Both documents are available on the PPDB website as PDF downloads, in the 'Support Information' section.

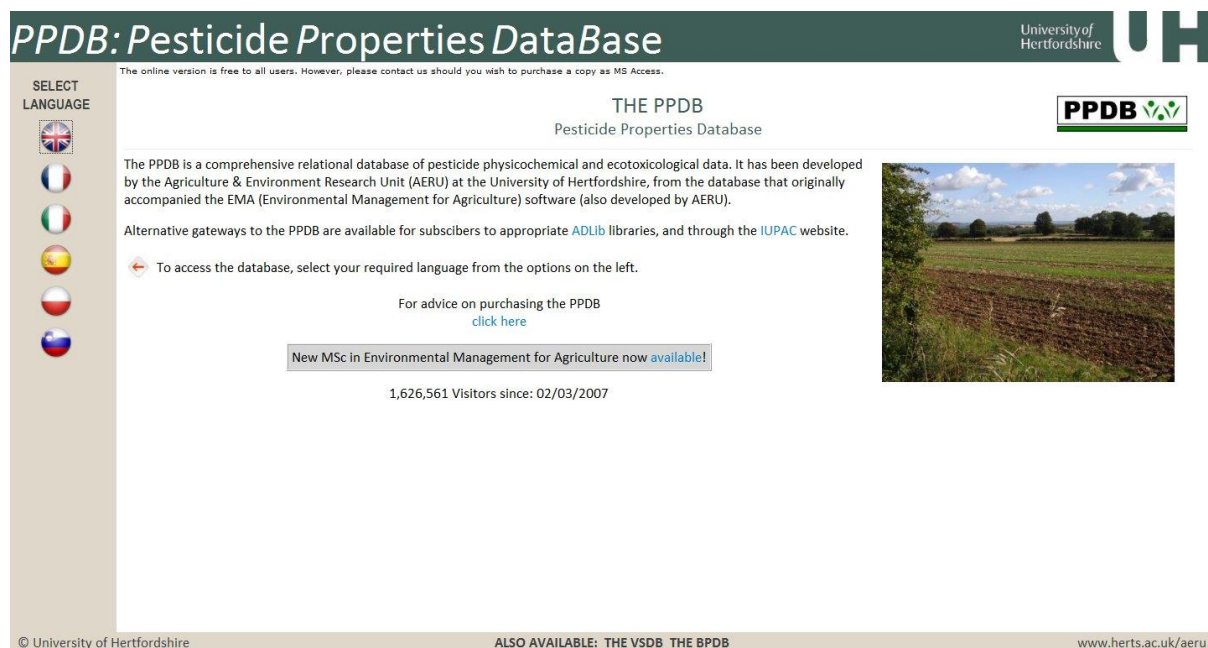
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Accessing the Database

In order to gain access to the PPDB on-line go to www.herts.ac.uk/aeru/footprint/index2.htm.

The PPDB Home Page



The screenshot shows the PPDB Home Page. At the top, there is a dark green header with the text "PPDB: Pesticide Properties DataBase" on the left and the University of Hertfordshire logo on the right. Below the header, the page is divided into several sections. On the left, there is a "SELECT LANGUAGE" section with a vertical list of flags for various countries. The main content area features the title "THE PPDB" and "Pesticide Properties Database". Below this, there is a paragraph describing the database as a comprehensive relational database of pesticide physicochemical and ecotoxicological data. A second paragraph mentions alternative gateways to the database. A small red arrow icon points to the language selection instructions. Below this, there is a link for advice on purchasing the PPDB. A grey box highlights a new MSc program. At the bottom of the main content area, a visitor count is displayed. On the right side, there is a photograph of a rural landscape with a field and trees. The footer contains copyright information, a link to other databases (THE VSDB, THE BPDB), and the website URL.

University of Hertfordshire

PPDB: Pesticide Properties DataBase

University of Hertfordshire

PPDB

SELECT LANGUAGE

The online version is free to all users. However, please contact us should you wish to purchase a copy as MS Access.

THE PPDB
Pesticide Properties Database

The PPDB is a comprehensive relational database of pesticide physicochemical and ecotoxicological data. It has been developed by the Agriculture & Environment Research Unit (AERU) at the University of Hertfordshire, from the database that originally accompanied the EMA (Environmental Management for Agriculture) software (also developed by AERU).

Alternative gateways to the PPDB are available for subscribers to appropriate ADLib libraries, and through the IUPAC website.

To access the database, select your required language from the options on the left.

For advice on purchasing the PPDB [click here](#)

New MSc in Environmental Management for Agriculture now [available!](#)

1,626,561 Visitors since: 02/03/2007

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ALSO AVAILABLE: THE VSDB THE BPDB

www.herts.ac.uk/aeru

On the *PPDB* Home page of the database you will be presented with a number of options on the left hand side of the screen, which allow you to select your preferred language.

The A-Z Index Page

The screenshot shows the PPDB: Pesticide website. The header features the University of Hertfordshire logo and the text 'PPDB: Pesticide'. Below the header, there is a navigation menu on the left with options like 'Select Option', 'Home', 'A to Z', 'Search', 'Terms & Conditions', 'Support Information', 'Purchasing & Other Services', and 'New MSc Environmental Management for Agriculture'. The main content area is titled 'THE PPDB' and 'A to Z List of Pesticide Active Ingredients'. It includes a 'Site last updated: 19/6/2013' notice and a 'PPDB' logo. The page provides instructions for users and an A-Z index. The 'Numbers' section lists various chemical names such as 1,2-benzisothiazolin-3-one, 1,2-dibromoethane, 1,2-dichloropropane, 1,3-dichloropropene, 1,4-dimethylnaphthalene, 1-decanol, 1-methylcyclopropene, 1-naphthylacetamide, 1-naphthylacetic acid, 10,10'-oxybisphenoxarsine, 2-(thiocyanomethylthio)benzothiazole, 2,2-dibromo-3-nitriolpropionamide, 2,3,6-TBA, 2,4,5-trichlorophenol, 2,4,5-trichlorophenoxyacetic acid, and 2,4-D.

The date of the last data update can be seen at the top of the page below the title banner.

1. On the left-hand side another menu provides access to:

- Home: This will return you to the 'Home Page'.
- Search: See details below.
- Terms & Conditions: Details the conditions of use of the PPDB and the data within it.
- Support Information: See details below.
- Purchasing and Other Services: This page provides details on how to purchase the database in MS Access format, as well as the other services we offer.

2. The main frame has an A-Z index of the substances available in the PPDB.



3. Navigation up and down the list can be done either by selecting the starting letter of the substance or by scrolling up and down using the mouse or computer controls.

4. Metabolites are only accessible via the parent record or via the search facility – see below.

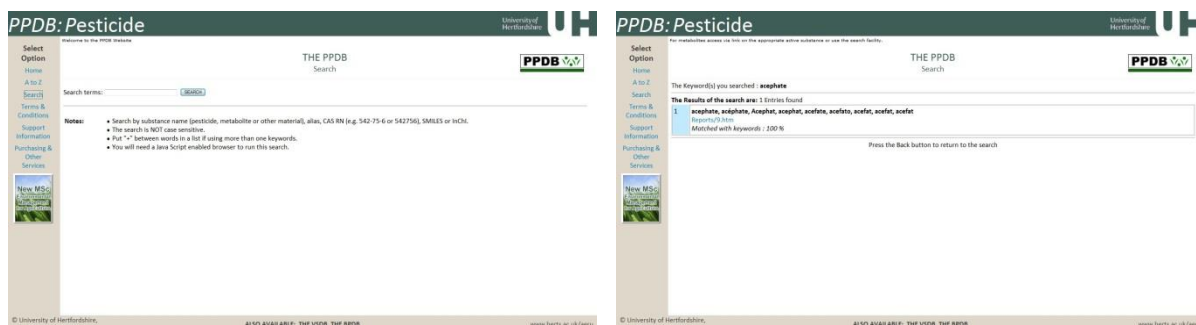
Identify and click the appropriate substance from the index list to access the data record

The Data Record

The screenshot shows the PPDB: Pesticide record for 'acephate'. The page is titled 'acephate' with translations in French (** orthene **) and German (** Translations **). The main content is divided into sections: Description (An organophosphate insecticide used normally as a foliar spray to control chewing and sucking insects), Introduction (circa 1970), EC Directive 1107/2009 (repealing 91/414), and a table of approved countries. The table lists countries from AT to UK, with 'X' marks indicating approval. A 'General status' section provides details on pesticide type (Insecticide), substance group (Organophosphate), and origin (Synthetic). A sidebar on the left contains navigation links like 'Select Option', 'Home', 'A to Z', 'Search', 'Terms & Conditions', 'Support Information', 'Purchasing & Other Services', and a 'New MSC Environmental Management for Agriculture' banner.

1. The selected record will be displayed in the standard PPDB format. Data is divided into the following broad sections:
 - General information: including a description, examples of species treated, substance type, chemical formula, etc., as well as information on formulations.
 - Environmental fate: this section includes layperson interpretations and pre-calculated indices, as well as information on degradation, soil adsorption, mobility and metabolites.
 - Ecotoxicological data: this includes endpoints/interpretations for a range of fauna and flora.
 - Human health data: this includes toxicological endpoints and descriptive text, as well as health and handling issues.
 - Translations of the main common name into several EU languages.
2. At various places on the record the  information icon can be seen. Clicking this option will provide access to the appropriate support and information document.
3. Clicking on the  warning icon, will open a new window containing cautionary notes for the relevant data item.
4. More detailed information can be found in the document 'Background and Support information' which is available through the link to the 'Support Information' section on the left of the screen.
5. Terms & Conditions: Details the conditions of use of the PPDB and the data within it.
6. Support Information: See details below.
7. Purchasing and Other Services: This page provides details on how to purchase the database in MS Access format, as well as the other services we offer.

Search



Selecting this option will take the user to the search page. Data can be searched for by:

- Full chemical name (IUPAC or CAS name) for the substance, metabolite or additive.
- Common name, alias or code.
- Common name in any of the PPDB operating languages.
- CAS number.
- Structural descriptor (e.g. SMILES or InChI).

Many substances have similar names and alias and many different ways in which the chemical can be identified. Ideally a unique identifier (e.g. the CAS number or ATCvet Code) should be used.

Identifying metabolites can be difficult. Ideally select the parent substance from the A-Z Index and follow the links. Alternatively, try the manufacturers development code, CAS number or chemical name.

Type the search term in the box and click the Search button. Results of the search will be displayed. Select the item you wish to view.

Support Information

The screenshot shows the 'PPDB: Pesticide' website. At the top right, it says 'University of Hertfordshire' and 'UH'. The main header is 'PPDB: Pesticide'. Below this, there's a navigation menu on the left with options like 'Select Option', 'Home', 'A to Z', 'Search', 'Terms & Conditions', 'Support Information', and 'Purchasing & Other Services'. The main content area is titled 'THE PPDB Support Information' and lists 'Core Support Documents' (Terms & Conditions, Background & Support Information, Instructions for Use, Questions & Answers, Glossary of Terms) and 'Other Information' (Newsletters, Posters & Publications, What are CIPAC Code Numbers?, The IUPAC International Chemical Identifier, EU Safety Phrases, EU Risk Phrases, Summary of Hazard Phrases - CLP Classification, The Global Harmonised System (GHS) - Aldrich summary, The Global Harmonised System (GHS) - Allocation of Label Requirements). A footer contains copyright information for the University of Hertfordshire, a note 'ALSO AVAILABLE: THE VSDB THE BPDB', and the website URL 'www.herts.ac.uk/aeru'.

This provides access to a number of documents that provide more detail on some of the parameters and data given in the PPDB Data Records. Some of these have been produced in-house but others are useful documents produced by third parties and provided as reference materials:

1. A series of core support documents:
 - Terms and Conditions.
 - Background and Support Information.
 - Instructions for Use (this document).
 - Q&A section: this provides brief answers to common questions.
 - Glossary of Terms.
2. Other Support Information:
 - Newsletters.
 - Posters & Publications.
 - What are CIPAC Code Numbers?
 - The IUPAC International Chemical Identifier.
 - EU Safety Phrases.
 - EU Risk Phrases.
 - Summary of Hazard Phrases - CLP Classification.

- The Global Harmonised System (GHS) - Aldrich summary.
- The Global Harmonised System (GHS) - Allocation of Label Requirements.

Terms & Conditions

This page provides details on the terms and conditions relating to using and linking to the database and the data within it. Those users intending to utilise the PPDB and/or its data should refer to this document and contact the PPDB management team for further details.

Purchasing & Other Services

This page provides details on how to purchase the database in MS Access format. More details can be found in the PPDB Document 'Terms and Conditions of Use'.

Disclaimer

The PPDB is a collection of data from a wide variety of different sources. We have taken considerable care to ensure that the information it contains is as accurate and as complete as possible and we have also attempted to provide guidance on our confidence in the data via the quality barometer. However, the University of Hertfordshire, collaborating organisations and individuals and our funders bear no responsibility for errors or omissions in the either the database or the original sources.

Information in this database in no way replaces or supersedes information provided on the pesticide product label or under other regulatory requirements. Please refer to the pesticide product label. Should you have comments about the database or suggestions for changes, please contact us (see below).

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