



CABI Training Materials Animal Health and Production Compendium (AHPC) User Guide

> KNOWLEDGE FOR LIFE www.cabi.org



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Introduction



The Animal Health and Production Compendium (AHPC) is an encyclopaedic, mixedmedia, one-stop shop for information on animal diseases, their pathogens and vectors, as well as animal husbandry, genetics and nutrition of livestock and poultry species and breeds. In recognition of their close association, the Compendium links knowledge on health, disease, food safety and quality, and husbandry aspects of livestock and poultry production. The AHPC includes the following information resources:

| Datasheets: | Compiled by experts, datasheets provide encyclopaedic reference material on animal diseases, pathogens, disease viewers, livestock and poultry species and breeds. They contain detailed information on food safety and quality of livestock and poultry products throughout the food management chain |
|---------------------|--|
| Abstracts records: | Indexed records from the CAB Abstracts database relating to the subject of animal science and veterinary medicine |
| Full text articles: | Links to the complete scientific record for scholarly articles hosted on the CAB Abstracts database |
| Library: | The Library documents include original texts compiled by experts for the compendium across a range of topics including food products, husbandry, production, breeding and nutrition of food animals. It also includes a substantial collection of book chapters and electronic resources. |
| Glossary: | Includes 30,000 definitions from Balliere's Comprehensive Veterinary Dictionary (3rd Edition), over 10,000 terms from the World Dictionary of Livestock Breeds, Types and Varieties, and 1800 terms from CABI's Encyclopaedia of Farm Animal Nutrition. |

The following guide has been designed for all users of the AHPC to highlight various features available and enable our customers to easily navigate the interface. It will also introduce the various search techniques for new users of online databases and explain various strategies that can be used when searching to return the most relevant results.





AHPC is a web-based interface. To access the site visit www.cabi.org/AHPC

To sign in to the AHPC click on the site menu as shown below:

| | Sign in | Institutional sign in |
|-------------------------|---------------------|--|
| www.cdbi.or | Username | Choose institution Sign in using my IP |
| atasheets A | | Not vet subscribed? |
| | Password | Subscribe here |
| earch AHPC | | |
| earch over 20,000 Datas | Sign in Remember me | |
| Enter keyword or phra | Forgotten password? | and the second second second |

There are two ways to login to the database depending on the access options your account has:

| Personal | Sign in Username - You must enter a username. | Institutional sign in Choose institution Sign in using my IP | IP address |
|-------------|--|---|-------------|
| credentials | Password | Not yet subscribed? Subscribe here | recognition |
| | Sign in Remember me | | |

By Personal credentials:

If you requested access to the site by a username and password please enter this in to the login box situated in the top left hand corner of the webpage.

By IP Address:

If your institution has a subscription to AHPC and you are accessing through your institutions network, the AHPC platform will recognise your IP address as a registered user and automatically log you on to the site. If you aren't automatically recognised click the ^{Sign in using my IP} button.

Navigating the interface



The AHPC interface has been designed to enable quick and comprehensive content searches. Below shows an image of the AHPC homepage and the various features displayed.



Smart Searches



To help you search for literature in common or key topics of interest our subject experts have created predefined search strings. These have been created using complex search techniques such as field tags and multiple Boolean operators to return the most

relevant results. To access the Smart searches click on the Smart searches tab above the search box as shown below.

| AHPC smart searches are based on commor | nly researched topics, and your own requests | |
|---|--|--------------------------------------|
| Request a search 🗲 | | |
| Animal fibre production and products | Economic impact of animal diseases | Housing |
| Animal welfare | Emerging diseases | Pathology and postmortem examination |
| Dairy systems, husbandry and techniques | Epidemiology, surveillance, prevention, | Production systems & environmental |
| Disease resistance | control | management |
| Diseases, animal health and production | Food safety and quality | Reproductive management |
| Draught animals | Genetics and breeding | Routine procedures and husbandry |
| Drug resistance | Handling of animals, livestock transport, | |
| | abattoirs & slaughter | |
| | Helminths | |

This will show you a list of smart searches that are available. To conduct a smart search click on the topic of your choice. The screenshot below shows you the results for the smart search "Drug resistance"

| | bi.org | HPC | mpendium | Contact | You are s CABIAC Signed in IP Addre | signed in as: ESS (Gratis) Via: SS |
|--|--|----------------------------------|--|--|--|---|
| latasheets | Abstracts | Full Text | Library | Glossary | More Resources | |
| Search AHPC | Smart searc | hes | | | ¢ | Му АНРС |
| | Datasheets and 290 | | | | | |
| (sc:fq OR sc:ft) A | ND (de:drug resista | ance) | | | Filter by type \vee | Search |
| | | | | | | |
| 1,011 results foun | d | | | Re | fine results | |
| | | | | | Sort Order | |
| 1 2 3 4 | 5 6 7 8 | 9 10 R | esults per page: 10 |) v | elevance | |
| | | | | | late (Recent First) | |
| Search res | ults | | Results | ; A | Iphabetical (A to Z) | |
| Abstract CABI Full | Text. | | | C | Seographical Location | ^ |
| | | | | in the second se | ndia (99) | |
| Prevalence and | risk factors for Sa | Imonella spp. colonizatio | n in broiler flock | (S B | irazil (50) | |
| n Shiraz, southe | ern Iran. | | | , in the second s | ran (33) | |
| | ood borne pathogens | worldwide that frequently infe | ct poultry flocks. The colonization in | his T | urkey (32) MORE RESULTS | |
| spp. are important f cross-sectional stud proiler flocks in Shir | y was conducted to d az (southern Iran) and | d to find the possible associati | on of infection state | us | | |

To narrow results further you can either use the refine panel to the right hand side of the page or add terms manually to the end of the predefined search string.

Simple site searches



AHPC offers a simple site search using a variety of basic search techniques to search content across the whole of the site such as Boolean operators and Phrase searching. These search techniques can be found in the <u>search techniques reference table</u>.

Conducting general site searches

A general site search conducts a search across all the various types of content and topics available in AHPC. It will return a broad range of search results that will include all material types from all subject areas. It can be a useful place to begin a search.

To conduct a general site search enter your search terms in to the search box located in the search bar of the home page and click the search button as shown below:

| | Smart searches | | ų | му Анрс |
|----------------------|-----------------------------|------------------|---|---------|
| Search over 20,000 I | Datasheets and 290,000 Abst | acts | | Search |
| mastitis AND "dai | ry cows" | Filter by type 👻 | | Search |

Conducting filtered site searches

A filtered site search can be used to limit a search to types of content hosted on the AHPC site. This will return a narrower range of search results and is particularly useful if you are trying to limit to specific material types.

To conduct a filtered site search enter your search terms in to the search box located in the search bar of the home page. Click on the filter options to the right of the search box and select the categories you would like to limit the search to. The \square indicates which categories have been selected. Below shows an example:

| Search over 20,000 Datachasts and 200,000 Abstracts | | | |
|---|------------------------|-------------------------------|------------|
| mastitis AND "dairy cows" | | Filter by type | e 🗸 Search |
| | Limit to selected cont | tent types | |
| 3,115 results found | Abstract | Datasheet (Full) Glossary | |
| 1 2 3 4 5 6 7 8 9 10 | Datasheet (Basic) | S Library | |

Once selected click the Search button.

Viewing search results



The returned results will be displayed on the search results page as shown below. The figure below the search box indicates the number of returned results from your search string query. Below this will show any filtered categories that were selected for the search. To remove the filters simply click the * next to the filtered term. At the top and bottom of the search results screen there are also options to vary the number of records displayed on the current page.



Ordering results

Results can be displayed either by most relevant records to your search, by publication date or by an alphabetical list records based on the article title. The sorting options can be found in the panel to the right of the results.



Below shows an example of an article header from the returned results. You can see the resource type, the article title, the leading sentence of the article abstract and further bibliographic information for the record. If the full text article is available the View CABI full text >> button is displayed which gives access to the full text article.



Faceted searching

On the right side of the results page there is a refine results pane to allow you to you to narrow results further according to content types and indexing keywords. For general site searches across the site the refine panel is split into three sections:

All content faceting:



Geographical location:

Filters results to only show records that refer to particular geographical regions.

w.cabi.ora

Item type:

Filter results to only display particular material/content types



| | - |
|--------------------------------|---|
| Datasheet status | • |
| Basic (18,931) | |
| Outline (757) | |
| Full (686) | |
| Datasheet Type | • |
| Arthropod (10,725) | |
| Pathogen (4,052) | |
| Helminth (2,445) | |
| Breed (1,550) | |
| Non-Infectious Disease (1,412) | |
| MORE RESULTS | |
| Domain | ^ |
| Eukaryota (14,914) | |
| Bacteria (502) | |
| Virus (425) | |
| Kingdom | • |
| Metazoa (13,251) | |
| Protista (1,476) | |
| Fungi (99) | |
| Chromista (71) | |
| Planctomycetes [kingdom] (12) | |
| MORE RESULTS | |
| Class | ^ |
| insecta (7,591) | |
| Arachnida (2,277) | |
| Secementea (891) | |
| Trematoda (849) | |
| Cestoda (559) | |
| MORE RESULTS | |

Datasheet status:

Filter results to display either basic or full datasheets.

Datasheets type:

Filter results to display particular datasheet type.

Organism categories:

Filter results to display datasheets relating to particular organism categories split by the following taxonomic rank:

- Domain
- Kingdom
- Phylum
- Subphylum
- Class

Abstract facets (only applicable to bibliographic records and full text):

| Author | ^ | |
|--------------------------|---|--|
| Djeddour, D. (2) | | |
| Eschen, R. (2) | | |
| Pratt, C. (2) | | |
| Boyer, M. (1) | | |
| Cizabuiroz, E. (1) | | |
| O MORE RESULTS | | |
| Language | ^ | |
| English (7) | | |
| Erigiisti (7) | | |
| Slovenian (4) | | |
| siovenian (1) | | |
| Organisms | ^ | |
| fallopia (10) | | |
| japonica (10) | | |
| impatiens (3) | | |
| plants (3) | | |
| ailanthus (2) | | |
| G MORE RESULTS | | |
| Subject Topics | ^ | |
| Developed Countries (10) | | |
| Europe (10) | | |
| Fallopia (10) | | |
| Fallopia japonica (10) | | |
| Japanese knotweed (10) | | |
| MORE RESULTS | | |

Limit results to literature written by a particular primary, secondary or associated authors

Language:

Limit results to display records originally written in a particular foreign language. A English abstract is provided for over 97% of the content indexed by CABI

Organisms:

Limits results to display only specific organisms or taxonomic group as according to CAB Thesaurus indexing

Subject topics:

Limit results to display only records that have specific keywords indexed. These keywords are assigned to the subject super index that encompasses CABI's five metadata fields.



| Datasheet Type | | | | | |
|----------------------------|--|--|--|--|--|
| Animal Disease (11) | | | | | |
| Non-Infectious Disease (8) | | | | | |
| Breed (7) | | | | | |
| System (3) | | | | | |
| Food Pathogen (2) | | | | | |
| MORE RESULTS | | | | | |

For all refine options each field is listed in a separate box. These can be collapsed by using the _______ in the field box header. Blue text indicates the keyword and the bracketed number indicates the amount of records associated to it.

Clicking on a blue keyword conducts a search to return results specific to the selected topic and the relevant keyword from the associated field. For example, below we can see that by clicking on the datasheet ^{Breed (7)} listed in the datasheet type field box a filtered search is generated limiting results to only records of this type. This is displayed in the filter display at the top of the results page.





Datasheets

Each compendia product contains different datasheet types. To see the datasheets hosted by AHPC and for further information on content covered visit <u>appendix B</u>. To view a datasheet, click on the datasheet title in the results list. The datasheet record is displayed on a single html page. At the top of the page a summary is provided giving a brief outline of key information contained in the datasheet. This will vary depending on the datasheet type but generally includes the publication date/last modified date, datasheet type, nomenclature and taxonomy. An index is displayed listing the full contents of the datasheet with clickable links to each section.



Lists and intuitive linking

One of the aims of the Compendium is not to be just a flat, encyclopaedic reference, but to offer dynamic linking to influence problem solving and information gathering. Different datasheets have been designed to accumulate useful lists of related information that are specific to each datasheet type. Intuitive linking has been used in these lists to link content. For example, from the Host Animals list taken from the *blue eye disease* datasheet we can link out to a datasheets on *Sus scrofa*.



Generate report



The report function allows users to create bespoke reports from the various components of a datasheet available (texts, tables, maps and pictures). These bespoke reports can then be printed or pasted in to other documents. This can provide users with useful printed reference materials that can be used in presentations, as study support materials or practical field reference notes. This is especially useful for users in countries or regions with limited internet access.

To generate your own report click on the \bigcirc Generate report button located at the top of the datasheet. This will display the report page as shown below and allow users to select specific sections from the datasheet. The left hand column shows the title of the sections available and indicates the type of section it is (T = text, L = List, and M = Map). The right hand column displays the information sections you have selected to be included in your report. To include a information section in your report select the section of interest from the left hand column and click the \rightarrow button to move it to the right hand column. To remove a section from your report simply select the section and click the

 \leftarrow to remove it from your report column. The \land and \checkmark buttons can be used to change the order of information sections in your report.

| Include/ remove individual sections | • | Datasheet report L: Pictures L: Identity L: Taxonomic Tree L: Distribution Table Details L: List of Hosts for Natural Enemy L: References M: World M: Africa M: Asia M: Europe M: Pacific M: North America M: South America M: South America | All Sec All May | L: Pictures L: Identity L: Taxoni M: World L: List of Hos tions → | c Tree sts for Natural Enemy | print | Change section order |
|--|---|---|--------------------|--|---------------------------------|-------|----------------------|
| Include/ remove multiple sections | • | KEY: T = Text Section M = Map | L = List | move Sections Remove Maps | Generate | | |

There are options to add or remove multiple groups of maps and information sections using the buttons as indicated above. Once you have selected all the sections you require click the ^{Generate} button.



Bibliographic records and full text

To view a records full bibliographic information click the article title in the results list to see the full record page.

| | Abstract details | |
|---|---|---------------|
| Rext: The effect of problotic SCO BIO LIVESTOCKTM on the weight of newborn | Author(s) Jatkauakas, J.: Vrotniakienė, V.: | |
| The effects of inoculation of grass-legume silages | Utblient. D. Author Affiliation Institute of Animal Science, Lithuanian University of Health Sciences, R | |
| on dairy cow performance. | Radviliškis distr., Lithuania | |
| View fuil text article 🔶 | Author Email ots@loi.lt | Dibliceranbie |
| Abstract | Journal article | Bibliographic |
| The objective of this study was to evaluate the effect of inoculated with Biomin® BioStabil Plus (BSP) silage on the feed intake and dairy cow milking productivity. Twenty-four dairy | Gyvulininkysté: Mokslo Darbai (Animal, Husbandry, Scientific Articles) 2013, 61 25-33 | information |
| Cows were not write host-rinoclusted and ordinary made stages and time productionly response was evaluated over a 92-days feeding period. Animals were assigned to two treatments (inoculated silage - BSB and ordinary made silage - CT) in a randomized-block | ISSN 1392-6144 | |
| design experiment. The stage was offered ad libitum to animals in both treatments and consistent supplemented with a lig OM of a commonical compound head per day. The stage DM feed intake was higher in BSP (+6.5%), whereas the energy corrected milk (ECM) production for treated stages increased by 1.4 kg per coupr day. The mills that and protein content were numerically higher in animals under the treatment with BSP and the efficiency of the conversion of the c-1RE; test mills was significantly higher (POA.05) in the cons which the constraint of the constraints. | Publisher information Institute of Animal Science of Lithuanian Veterinary Academy Baisogala Lithuania | |
| were fed with the silage treated using BSP. | English | |
| View Act last attack. 4 | Language of Summary Lithuanian, Russian | |
| Rext: The effect of probable SCO BIO LIVESTOCKTM on the weight of newborn | uni. http://www.autra.h | |
| A Top of page | Organiam descriptor(s) cattle Esbaceae Poaceae | Metadata |
| | Descriptor(s) animal nutrition cattle feeding | |

As well as the full abstract the page will also include the full bibliographic information and indexing keywords that were assigned to the record during the indexing process. This can be found under the Abstract details pane on the right of the page.

All these terms are intuitive links which when clicked performs a search on that term. The example below shows a section of the Abstract details pane. In this example we have clicked on the author name Jatkauskas. J.:. This has performed a site search using the search string au:"Jatkauskas, J." which has returned all records this author has contributed to.

| Abstract details | | |
|--|--|--|
| atkauskas J.) otniakiene. V. | | |
| Search AHPC Sm | art searches | t My AHPC: sign in or register |
| Stirch over 20,000 Datashee | | |
| au:"Jatkauskas, J." | | Filter by type 👻 Search |
| 23 results found | | Refine results |
| - | | Sort Order |
| 1 2 3 | Results per page: 10 T | Relevance Date (Recent First) Date (Oldest First) |
| Search results | Results | Alphabetical (A to Z) |
| Abstract CAB Full Text | | Geographical Location |
| The effects of inoculation | of grass-legume silages on dairy cow performance. | Lithuania (4) |
| The objective of this study was | s to evaluate the effect of inoculated with Biomin® BioStabil Plus | Item Type |
| (BSP) slage on the feed intake were fed with BSP inoculated a evaluated over a | e and dairy cow miking productivity. Twenty-four dairy cows and ordinary made silages and their productivity response was | Journal article (18) Book chapter; Conference paper (3) Conference paper (1) |
| Author(s) Jatkauskas, Publisher institute of Ar Citation Gyvulininkys 25-33 | J.; Vrotniasiene, V.; Urošlene, D. Iimal Science of Lithuanian Veterinary Academy, Baisogala, Lithuania, éé: Mokslo Darbai (Animal Husbandry: Scientific Articles), 2013, 61, pp | Journal article; Conference paper (1) |
| View full text article 🔶 | | Abstract Facets |
| | | Author |
| Abultact | | Vrotnakieně, V. (14) Vrotniakiene, V. (9) |



Advanced Searching

Field searching

The search box for AHPC also allows you to conduct advanced field searching using the index field tags. Field searching is a technique by which users can search for keywords in specific indexing fields. These indexing fields are used when adding a bibliographic record to CAB Direct e.g. Abstract title, author. Each indexing field has an associated field tag which can be used in conjunction with search keywords to return a more precise set of results. Below is a list of the indexing fields and their associated tag:

Common search fields

| Description | Field Tag |
|---------------------|-----------|
| Abstract | ab |
| Author affiliation | aa |
| Descriptor | de |
| Organism Descriptor | od |
| Geographic Locator | gl |
| Broad term | up |
| Identifier | id |
| Publication source | do |
| Publisher | publisher |
| CABICODE | CC |
| Conference | ct |
| Language | la |
| Publication type | it |
| Year | yr |
| Record number | ра |
| DOI | oi |
| ISSN | sn |
| ISBN | bn |

Additional search fields

| Description | Field Tag |
|---------------------------|-----------|
| Additional Authors | ad |
| Author Affiliation | aa |
| CAS Registry Numbers | ry |
| Conference Dates | cd |
| Conference Title | ct |
| Corporate Author | са |
| Country of Publication | ср |
| Descriptors | de |
| Digital Object Identifier | oi |
| Document Editors | ed |
| Document Title | do |
| Email | em |
| English Item Title | et |
| Non English Item Title | ft |
| Geographic Location | gl |
| Identifiers | id |
| ISBN | bn |
| ISSN | sn |
| Item Type | it |
| Language(s) of Summary | ls |
| Language(s) of Text | la |
| Location of Publisher | lp |
| Main Abstract | ab |
| Organism Descriptors | od |
| Pan Number | ра |
| Personal Author | au |
| Personal Author Variants | av |
| Publisher | pb |
| CABI Product Code | SC |
| Up-posted Descriptors | up |
| Web URL | ur |
| Year of Publication | yr |



To conduct a field search type the associated field tag (must be lowercase) into the search box followed by a colon. Next enter your search term/s. Field searching can also be conducted using the variety of simple search techniques outlined previously such as multiple word searches and Boolean operators. Below show some examples:

| Single word search: | gl: Europe |
|-----------------------------|---|
| Multiple word search: | title: "animal welfare" AND poultry |
| Searching with parentheses: | title: "animal welfare" AND (poultry NOT chicken) |

Metadata searching

If you are looking only for important papers on a particular subject, where you want a high level of relevance, you should restrict your search to one or more of the CABI indexing or Descriptor fields. Every record on the database is indexed with terms that describe all the important concepts within a paper. The index terms may be added to one of 5 different indexing fields. The indexing fields that CABI uses are:

| Fields | Tags | Description | Example |
|--------------------------------|------|---|-----------------------------|
| Organism Descriptor | od: | The Organism Descriptor field is used for animal and plant names | od: Gallus gallus murghi |
| Geographic Location | gl: | Geographic Location field is used for country and other geographic names | gl: Germany |
| Descriptor | de: | The Descriptor field is used for all the "other" terms that are neither animal, plant nor geographic | de: feeding habits |
| Broad Term (Up-posted Term) | up: | The broad term is used to search for the keyword and narrower terms in the vocabulary hierarchy as defined in CAB Thesaurus | up: "Europe" |
| Identifier | id: | This field is used for non-preferred index terms | id: "domesticated birds" |

Please note: When searching the organism descriptor all animals are indexed with their scientific names except for common livestock species. Plants are indexed with both their scientific and their common names.



Super indexes

Super indexes allow users to search multiple indexes across related fields. They are useful tools for users if they are unsure which fields they need to specify when trying to conduct advanced field searching. They can be searched in the same way as other fields as the super indexes have their own field tag associated to them. AHPC also has three super indexes.

The first two super indexes shown in the table below are used when searching bibliographic information relating to either the article title or the article authors. The table below shows the field tag, field indexes that are searched and an example of a search.

| Super index name | Super index field tag | Fields searched | Example |
|------------------------|--------------------------|---|---------------------|
| Title | title: | English title Foreign title | title: tuberculosis |
| Author | author: | Personal author Author variant Additional author Document editor Corporate author | author: Hewinson |

The third super index called the subject index is used when searching for the indexing terms or metadata that is recorded or assigned to each record. The table below shows the field tag, field indexes that are searched and an example of a search.

| Super index name | Super index field tag | Fields searched | Example |
|------------------------|-----------------------|---|---------------------|
| Subject | subject: | Descriptor Geographic location Organism descriptor Identifer | subject: immunogens |



CABICODES

In addition to adding index terms to a record, broad concepts are also "indexed" with a classification system known as CABICODES. The CABICODES are a hierarchical list of classification codes that divide the subject coverage of the CAB ABSTRAHPCTS database into 23 major sections. Each section then includes a series of codes that divides that subject into more specific subjects. The codes themselves are typically used to code for subjects that would be difficult to describe with keywords alone. These CABICODES shown below display all the CABICODES for Aquatic sciences and their associated topic area. For a full list of CABICODES and their topic areas visit the <u>CABICODE list</u>.

LL000 Animal Science (General) LL001 Unallocated Animal Science Records (Discontinued 1995) LL010 Apiculture LL020 Sericulture LL030 Other Invertebrate Culture (Not Aquaculture) LL040 Laboratory Animal Science LL050 Game Animals LL060 Draught Animals LL070 Pets and Companion Animals LL075 Sport Animals (New March 2000) LL080 Zoo Animals LL100 Animal Husbandry (General) (Discontinued March 2000) LL110 Dairy Animals LL120 Meat Producing Animals

The CABICODES can be searched just like any other field tag. Two field tags are assigned to the CABICODE field and these are described below. Please note, as other field tags these must be entered in lowercase.

| Field tag | Definition | Example |
|-----------|--|--|
| cc: | Allows users to search the index of the alphanumerical assigned code | cc:LL110 |
| cabicode: | Allows users to search both the alphanumerical assigned code index as above and the CABI code title index | cabicode:LL100 or cabicode:dairy |



Content pages

Content pages enable you to focus searching on specific content types across the AHPC platform. The content page can be selected from the horizontal menu bar shown in the screen shot below. These pages are structured in a similar format as the homepage but only include content items that refer to the selected choice. For example, the screen shot below shows the topic page for Datasheets. Therefore the latest content section will only show recent articles that refer to this content type. The green underline in the horizontal content page menu indicates which topic page you are currently viewing.

| atasheets Abstracts Full Text Library Gloss | ary More Resources | | Content |
|--|--|----------|--------------|
| Search AHPC Smart searches | Č My AHPC: sign in or regi | stor | page menu |
| Search over 20,000 Datasheets and 290,000 Abstracts | | | |
| Enter keyword or phrase | Filter by type 👻 Searc | n | |
| | (| | |
| 20,865 results found [2 Print records | Refine results | | |
| KType: Datasheet KType: Datasheet (Full) | Sort Order | | |
| | Relevance Date (Recent First) | | |
| 1 2 5 4 5 6 7 8 9 10 Results per page 10 • | Date (Oldest First) Alphabetical (A to Z) | | |
| Search results Results | | | |
| | Datasheet Facets | | |
| Databer ((10) | Datasheet status | | |
| In Pips (M. apri. M. pudendolectus and M. salmi)Three cosmopolitan | Basic (18,931) | | Define |
| species of lungworms are found in pigs, Metastrongylus | Outline (757) Full (686) | | Renne |
| Datasheet (Full) | Datasheet Type | ^ | results nane |
| Lange and the second | Arthropod (10,725) Pathogen (4,852) | | roouno pune |
| Ammononogamus are bright red syngamid worms, 1-2.3 cm in length. Males and females | Helminth (2,445) Breed (1,550) | | |
| are permanently joined in copulation. They are | Non-Infectious Disease (1,412) | | |
| Datashiret (Full) | Domain | ~ | |
| Haemonchus | Eukaryota (14,914) | | |
| Datasheet Type(s): Helminth | Bacteria (502) Virus (425) | | |
| | Kingdom | A | |
| Datasheet (Full) | Metazoa (13,251) Protista (1,476) | | |
| Haemaphysalis | Fungi (99) Chromista (71) | | |
| Haemaphysalis are three-host ticks that infest a wide range of domestic animalis including cattle, sheep and goats | Planctomycetes [kingdom] (12) | | |
| AN I I I I I I I I I I I I I I I I I I I | | | |
| | Class Insects (7.591) | ^ | |
| | Arachnida (2,277) Secondates (891) | | |
| Datasheet (Full) | Trematoda (549) Centeda (550) | | |
| Hypoderma | O MORE RESULTS | | |
| This disease is on the Office International des Epizobles (OIE) list of 'Other diseases of importance in international trade'. Please see the | Phylum | * | |
| | Arthropoda (10,533) Protozos (1,459) | | |
| | Platybelminthes (1,644) Nemetode (921) | | |
| Elaeophora | Proteobacteria (238) | | |
| found in the skin. See also data sheets on E | WUNE RESULTS | | |
| Datasheet (Full) | Genus | <u>^</u> | |
| Enclose Enclose | Aedes (345) | | |
| | Culicoides (278) | | |
| Liver suke disease over rounds been known as a cause of monotone one. | | | |

When conducting a search from a content page, the relevant option is automatically selected from the search filter section as shown below. This means that any search conducted from this page will limit searches to only content relating to that material type.

| Search AHPC Smart searches | | 👌 My AHPC: sign in or register | |
|--------------------------------------|---------------------------------|--------------------------------|---------------|
| | | | |
| Enter Keyword or phrase | | Filter by trops y | |
| | Limit to selected content types | | Contont filts |
| 20,845 results found | C Apital R Dial | het Fat | Content line |
| *Troe Datasteel *Troe Datasteel #ult | Ripterteet Bala | | automatical |
| | | | selected |

MyAHPC



The MyAHPC feature improves search functionality for users allowing users to:

- Combine and save searches
- Save records
- Export citations
- Create Alerts

To gain the full functionality of MyAHPC and for the system to record and recall your searching activity you must be signed in. It is therefore recommended that you sign-in to MyAHPC at the beginning of all your search sessions on AHPC.

Creating a MyAHPC account

Before you can access the features of MyAHPC you first need to create an account. Click on the MyAHPC: sign in or register button in the top-right hand corner of the search box as shown below:

| | Di.org | Health & Product | ion Compendium | These | - | A. | CABI ACCESS (Gratis) Signed in via: IP Address |
|--------------------|--------------------------|------------------|----------------|--|---|----------|--|
| Datasheets | Abstracts | Full Text | Library | Glossary | | More Res | ources |
| Search AHPC | Smart searches | | | | ¢ | My AHPC: | sign in or register |
| Search over 20,000 | Datasheets and 290,000 / | Abstracts | | <u> - </u> | - | | |

This will direct you to the sign-in page as shown below. The right hand side of the page allows new users to register an account. The left hand side of the page allows users already registered to sign in. Once registered, fill in your unique credentials to sign-in.



| ww | w.cabi.org | imal Health & Product | tion Compendium | | Signed in via: IP Address |
|-----------|---|-----------------------|----------------------|--------------------|--------------------------------|
| atasheets | Abstracts | Full Text | Library | Glossary | More Resources |
| € Return | | | | | ✿ My AHPC: sign in or register |
| | | | | | |
| | Welcome to My | AHPC | | | |
| | Sign in or register a My Al- searches and records. | HPC account to person | nalise your AHPC exp | erience and manage | e your saved |
| | | | | | |
| | | | 18 | | |
| | Sign in to My AHPC | | Regis | ster for a My AHP | C account |
| | Email Address | | Email A | lddress | |
| | | | | | |
| | | | Passw | ord | |
| | Password | | | | |
| | Password | | | | |
| | Password | ne | Retype | password | |
| | Password Sign in Remember r | me | Retype | password | |

Below shows the MyAHPC page. At the top of the display box are the different tabs to display the different types of search activities. By default the display automatically shows the recent searches that you have conducted. To the left hand side of the page there is also an option to sign-out or change your account password. To permanently remove a search from your recent search display click on remove button

| | | | | | S. Carlos | North Contraction | A CONTRACT OF |
|---------------|------------------|------------------|------------------------|---------------|---|--|---------------|
| | Datasheets | Abstracts | Full Text | Library | Glossary | More Resource | 95 |
| / | € Return | | | | | | 🖞 Му АНРС |
| | | Chapte pareword | | | | | |
| | | Change password | | | | | |
| e 🗕 | Sign out Refresh | | | Recent searc | hes Saved | searches Save | d records |
| e ord | Combine Select | rari Sasrchas | OR (Everand) @ AMD | Recent searc | hes Saved | searches Save | d records |
| e ord | Combine Selecto | ted Searches 🛞 | OR (Expand) OR (AND | Recent searc | hes Saved (Exclude) Score | searches Save | d records |
| ord | Combine Select | ed Searches 🛛 🛞 | OR (Expand) 🛛 AND | Recent searc | hes Saved s (Exclude) Searc Results | Save search | ed records |
| ord | Combine Select | ted Searches (e) | OR (Expand) AND | Recent searc | hes Saved : (Exclude) Searce Results 38,330 | searches Save b Save search + | Remove |
| ord | Combine Select | ied Searches | OR (Expand) OR AND | Recent searci | hes Saved state (Exclude) Searce Results 38,330 54 54 | Save search | Remove |



Combining searches

Combined searches are a useful tool for when compiling long and complex search strings which contain multiple Boolean operators and parentheses. To simplify the process and minimise the chance of input errors this function allows the user to perform two or more separate searches and combine them with either the AND, OR and NOT Boolean operators.

In the example below we can see in the recent search tab two searches have recently been conducted. These two have been selected using the checkbox I and the AND Boolean operator has been chosen from the combined search options.

| | Sign out Refresh Change password | | | |
|-----------|--|---------------|--------------|------------|
| Combining | Recent Combine Selected Searches OR (Expand) AND (Include) | NOT (Exclude) | earches Save | ed records |
| options | Select all | Results | Save search | Remove |
| Soloctod | drug treatment OR pharmacology | 38,330 | + | × |
| earches | title: "animal welfare" AND (poultry NOT chicken) | 54 | + | × |
| | mastitis AND "dairy cows" | 3,115 | + | × |

Once your options have been selected perform the search by clicking the **Search** button. This will conduct the search and direct you to the results page as shown below. You can see that the search string of the two combined searches is displayed in the search box. By combining this search with the AND operator we have limited the results further but alternatively by using this feature with the OR operator we can also expand results.

| | abi.org | HPC | ction Compendium | | You are a CABI ACCI Signed in IP Addres | gned in as ESS (Gratis) via: S |
|---|---|---|--|-----------|--|---|
| latasheets | Abstracts | Full Text | Library | Glossary | More Resources | |
| Search AHPC | Smart searc | hes | | | đ | My AHPC |
| | | | | | | |
| (drug treatmen | t OR pharmacology) | AND (mastitis AND " | dairy cows") | | Filter by type 👻 S | earch |
| | | | | | | |
| 876 results foun | d | | | | Refine results | |
| | | | | | | |
| 1 2 1 4 | 6 6 7 8 | 9 10 | Results per page | 10 . | Sort Order | |
| | | | | 10.1 | Date (Recent First) | - |
| Search res | sults | | Resul | ts | Date (Oldest First) Alphabetical (A to 2) | |
| | | | | | Geographical Location | |
| Abstract | | | | | India (62) | |
| Replacement o | f dry cow antibiotic | s by internal teat s | ealants in healthy | | Brazil (51) | 100 |
| udders. | | | | | USA (30) | 100 |
| The replacement of | of dry cow antibiotics by without increased risk | r internal teat sealants of new intramammary | for drying off of healthy infections. If no laborator | y Duna | Germany (29) O MORE RESULTS | |
| udders is possible udder health data | are available, the use of | of clinical mastitis histo | ry, somatic cell count of I | DHIA | | |



Saving searches and creating alerts

For searches you would like to run on a regular basis, users can save searches for future reference by using MyAHPC. To save a search visit the recent search tab from the MyAHPC page and click on the save search button **F**

| gnic | ut Refresh Change password | | | | |
|------|---|-------------------|------------|-------------|------------|
| | | Recent searches | Saved sear | ches Sav | ed records |
| Con | ibine Selected Searches | de) 🔍 NOT (Exclud | e) Search | | |
| | Select all | | Results | Save search | Remove |
| | (drug treatment OR pharmacology) AND (mastitis AND "dai | ry cows") | 876 | + | × |
| | drug treatment OR pharmacology | | 38,330 | ÷. | × |
| | title: "animal welfare" AND (poultry NOT chicken) | | 54 | + | × |
| 0 | mastitis AND "dairy cows" | | 3 115 | + | × |

To view your saved searches click on the saved searches tab Saved searches. The saved searches tab allows the user to conduct a saved search by clicking on the blue search string displayed. For each saved search there is also an option to set up an RSS feed which automatically notifies the user when new records relating to that search string are added to the AHPC site. These notifications can be viewed through all RSS readers such as Microsoft Outlook and Feedly. To find out more about RSS and how to setup an account with an RSS reader read more here. To set up an RSS feed for your search string click on the RSS feed button

| gir our Reliesir Ghange password | | | |
|---|-------------------------------------|----------------|---------------|
| | Recent searches | Saved searches | Saved records |
| Combine Selected Searches OR (Expand) Select all | AND (include) Include NOT (Exclude) | Search | RSS Remove |
| | | 070 | |



Saving and exporting records

The MyAHPC tool also allows you to save individual records for future reference and export these to reference management software to create your own bibliographies or reference lists. To save a record to the saved records repository you must first be signed into the MyAHPC tool before conducting searches. When signed in and a search

has been conducted each record in the displayed results will have a save to My AHPC button associated. Click this button to save the record.

| (drug treatment OB pharmacology) AND (mastitis AND "dairy cows") | Filter by type |
|--|---|
| / | |
| \$76 results found | Refine results |
| | Sort Order |
| 1 2 3 4 5 6 7 8 9 10 Results per page: 10 • | Relevance |
| | Date (Recent First) |
| Paorek regulta | Date (Oldest First) |
| Search results Results | Alphabetical (A to 2) |
| Abstract | Geographical Location |
| | India (52) |
| Replacement of dry cow antibiotics by internal teat sealants in healthy | Brazil (51) |
| udders. | 05 (54) |
| The replacement of dry cow antibiotics by internal teat sealants for drying off of healthy | Germany (29) |
| adders is possible without increased risk of new intramammary infections. If no laboratory | O MORE RESULTS |
| Idder health data are available, the use of clinical mastitis history, somatic cell count of DHIA eports close to | New York |
| Author(s) Spokr M - Litienbruck E - Stellongulos P | nem type |
| Publisher Terra-Verlag GmbH, Konstanz, Germany, | Journal article (712) |
| Citation Tierärztliche Umschau, 2014, 69, 3, pp 5564 | Journal article: Conference paper (31) |
| | Datasheet (13) |
| C Save to My AMPC | Book chapter; Conference paper (13) |
| | w natifie re SULTS |
| Abstract | |
| | A REPORT OF A R |

To view your saved records click on the saved records tab Saved records. This will display the title of all saved records. To view a specific record, click on the title. Records can be removed individually by using the Statuton. To delete multiple records check the boxes I next to the records and click the Remove records button as shown below.

Citations can also be exported to reference management software in a RIS file format. To export citations, select the records you would like to be included in the reference list using the checkbox I and click the C Export citations button as shown below.

| at Reliest change password | | | |
|----------------------------|-----------------|----------------|---------------|
| | Recent searches | Saved searches | Saved records |
| | | | |



Appendix A: Search techniques

| Search technique | Example | Description | Function | Reason to use |
|-------------------------|--|---|--|--|
| Single word search | mastitis | Searches using a single word term | Returns a broad range of results for a particular word/topic | Provides a broad overview of a scientific area of interest |
| Boolean search | mastitis AND Europe | Searches using the operators AND, OR and NOT | Performs searches on multiple concepts that provides specific keyword searching for an area of interest that can include or exclude other concepts. | Allows the user to conduct more controlled searching. Can be used to omit homophones |
| Phrase searching | mastitis AND "dairy cow" | Use quotation marks before and after a multiple word phrase | Returns results only containing the entire phrase | Narrows searching to records that only contain the whole phrase |
| Parentheses | mastitis AND ("dairy cow" OR cattle) | Searches using keywords, Boolean operators and parentheses. | Used for searches that contain multiple Boolean operators to define the correct search logic | Refines searches with Boolean operators further to provide limited search results |
| Truncation & wild cards | mastitis AND (drug treatment OR pharma*) | Uses the symbols * and ? in keyword search | Using the * returns results with different word stems for the root word Using the ? symbol allows users to specify unknown characters | The * allows users to broaden results to keywords with differing word stems e.g. pop* = popular, population, etc. The ? returns results using a keyword that may differ in spelling |

Appendix B: Datasheet types



| Datasheet type | Description | Topic coverage | Search string to limit to datasheet |
|------------------------------|---|---|---|
| Animal Diseases: | Datasheet providing information covering approximately 300 infectious diseases. Includes lists for pathogens and other factors affecting the health of pigs, poultry and ruminants. | Identity Distribution data & map Signs & Pathology Management Epidemiology & Impact | "Datasheet Type(s): Animal Disease" |
| Helminth | Datasheets for further information on known parasitic worms that cause infectious diseases in animals | Identity Distribution data & map Signs & Pathology Management Epidemiology & Impact | "Datasheet type(s): Helminth" |
| Arthropod | Datasheets for further information on known arthropods that cause diseases in animals | IdentitySigns & Pathology | "Datasheet type(s): Arthropod" |
| Pathogen: | Datasheets for over 400 different pathogens that cause animal diseases. | IdentityBiology | "Datasheet Type(s): Pathogen" |
| Vector of Animal Disease: | Datasheets on vectors of important pathogens | IdentityDistribution dataEpidemiology & Impact | "Datasheet Type(s): Vector of Animal Disease" |
| Non-infectious disease | Datasheets on non-infectious disease that effect livestock species | Identity Signs & Pathology | "Datasheet type(s): Non-Infectious Disease |



| Datasheet type | Description | Topic coverage | Search string to limit to datasheet |
|-----------------------|---|---|--|
| Livestock Species: | Datasheets providing detailed information on the biology & taxonomy of livestock species as well as information on husbandry, production and health. | Identity Distribution data & map Biology Management & Welfare Economics | "Datasheet Type(s): Livestock Species" |
| Livestock Breeds: | Datasheets for approximately 500 breeds of pigs, poultry and ruminants selected for their economic importance. | Identity Distribution data & map Management Production | "Datasheet Type(s): Breed" |
| System | Datasheets providing further information on the biological organs systems of livestock species | Identity Healthy system Diseases & Disorders | "Datasheet type(s): System" |
| Food product: | Datasheets containing information about product quality criteria, production factors affecting quality, and quality assurance. | IdentityFood QualityFood Safety | "Datasheet Type(s): Food Product" |
| Food pathogen: | Datasheets providing detailed information on food pathogens associated with animal food production. | Identity Risk Assessment Signs & pathology Epidemiology & management | "Datasheet Type(s): Food Pathogen" |
| Contaminant class | Datasheets on broader classifications of contaminants associated with infected food products | IdentityRisk AssessmentEpidemiology & management | "Datasheet type(s): Contaminant Class" |
| Country: | Datasheets covering over 490 countries and geographic regions, listing disease distribution. | List of Animal Diseases | "Datasheet Type(s): Country" |