

## Advanced Searching of CAB Abstracts on CAB Direct

In the Simple Searching session, we looked at single and multi-word searching of CAB Direct using the Free-Text index. However, in a typical CAB ABSTRACTS database record, there may be twenty or more separate data fields. The Free-Text index has been compiled from the words that appear in many of these fields. The list includes.

English Item Title	
Original Item Title	
Conference Title	
Personal Authors	
Editors	
Corporate Authors	
Source Title	
Publisher	
Abstract	
Descriptor	}
Organism Descriptor	
Geographic Descriptor	
Identifier	
Broad Term	
CAS Registry Numbers	
CABICODES	
CABICODE Headings	
ISSN	
ISBN	
DOI	
CABI Record Number.	

CABI Indexing Fields

The Free-Text index is the default index, and its use will retrieve the maximum number of records. However, because it includes fields like the Title and Abstract, it is also likely to produce the highest number of irrelevant records, simply because the search terms that have been used appear in the record without any specific meaning. As an example, you may be searching for important papers about the breeding of maize but, by searching for **Maize** and **Breeding** in the Free-Text index, you may get papers about the breeding of cattle fed on maize. In order to improve the quality of your search (its relevance) it is often better to restrict your search to a specific data field like the Title field or the Organism Descriptor field. This is known as Field Searching.

### **Field Searching:**

All the fields that appear in the Free-Text index, shown above, are individually searchable. This is very useful for refining your search.

Field searching, with CAB Direct, can be done in two ways. In both the Quick Search and the Advanced Search screens, field tags can be used in front of your search terms, to limit your search to a specific search index, or record field, like Title, Abstract, etc., as in the following example:

**title:"cattle housing"**

The field tag is entered in front of the search term, and separated from it by a colon (:). Note also that, in this case, we are searching for a phrase which has to be enclosed in double quotation marks.

In the Advanced Search screen, shown below, the three search boxes each have a drop down list of field tags that can be used to select the tag for the field that you want to use.

The screenshot shows the 'Advanced Search' page of CAB Direct. The browser window title is 'Advanced Search - CAB Direct - Windows Internet Explorer'. The address bar shows 'http://www.cabdirect2.org/advancedsearch.html'. The page has a green header with the 'cabdirect' logo and 'www.cabi.org'. A sidebar on the left contains links for 'Subscription Information', 'CABI Head Office', 'Show Details', 'Log Out', and 'Log into a different account'. Below this is a 'MyCABDirect' section with links 'About MyCABDirect' and 'Create a free account'. The main search area is titled 'Advanced search:' and contains three search boxes. The first box has the text 'cattle housing' and a dropdown menu is open, showing a list of field tags: 'All fields', 'Article title', 'Abstract', 'Author name', 'Author affiliation', 'Descriptor', 'Organism descriptor', 'Geographic location', 'Broad term', 'Identifier', 'Subject term', 'Publication source', 'Publisher', 'CABICODE', 'Conference', 'Language', 'Publication type', 'Year', 'Record number', 'DOI', 'ISSN', and 'ISBN'. The second and third search boxes are empty. Below the search boxes are filters for 'Published between', 'Added since', 'Language', and 'Document type'. At the bottom, there is a 'Show' button and two radio buttons for 'all results' and 'only results where CABI host the full text'. A blue box on the right side of the page states: 'Over 8 million bibliographic and full text applied life science articles hand picked by our team of experts and updated daily.'

The drop-down list includes the tags for all the major searchable database fields. To choose a field tag, simply click on the tag you want, and it will be displayed in the field tag box.

Let's look at how we might use the Advanced Search screen to build a more complex search for records about the housing of cattle and sheep in the UK. The

search terms here are **housing**, **cattle**, **sheep** and **UK**. In the Quick search screen, we might have performed four separate searches, for each term in turn, and then combined these together using the Search History Screen. You would get the same result, but it would take longer than doing the whole search in one go in the Advanced Search screen. Let's see how our search would look:

Home Help Thesaurus

## Advanced search:

sheep or cattle in Organism descriptor ✕

AND housing in Descriptor ✕

AND UK in Geographic location ✕

[Add Row](#)

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Published between yyyy - yyyy

Added since yyyy-mm-dd

Language Any Language ▼

Document type All Types ▼

The terms **sheep or cattle** have been entered in the top search box. The two terms have been combined using the Boolean Operator OR. Next to **cattle or sheep** the "Organism Descriptor" index has been selected from the drop-down menu. More about these individual indexes later. In the second search box, the term **housing** has been entered, alongside which has been chosen the field tag "Descriptor". Finally, in the third search box, the term **UK** has been added, and the field tag, "Geographic Location" chosen. The three separate search statements will be combined using the Boolean Operator AND but, for other searches, you may wish to combine these statements with OR or NOT. This can be done by choosing the appropriate operator from the drop-down lists to the left of the search boxes.

In order to search efficiently, within the CAB Direct interface, it is important to understand the structure of the database and what the individual fields are used for. We will now look at the various, important data fields in turn.

### **Title Fields:**

All CAB ABSTRACTS records have an English Item Title (Article Title). This is the English version of the title of the article that has been abstracted. Most of the original articles will be written in English, so the “Article Title” is usually the title of the original article. If the original article is written in a non-English language, the Article Title field will contain an English translation of the original title. Also, for non-English articles, that are written in a “Roman” script, an original language title will be provided in the “Original Item Title” field. For example, you may see a French article with an original title in French and an English translation of this title in the Article Title field. Although the English Title and the Original Item Titles are entered as two separate input fields, they are merged into one field, the Article Title field, for searching purposes.

	sheep or cattle	in	Article title	×
AND		in	All fields	×
AND		in	All fields	×

Titles are particularly useful when searching for a paper when all or part of the title is known, and you are only looking for the additional bibliographic data.

### **Author Fields:**

There are two types of Author; individuals, who are often referred to as personal authors, and Organizations like the World Health Organization, who would be referred to as Corporate Authors. All Personal Authors and Editors are searched using the Author field (Author or au).

#### **a. Personal Authors:**

The Author field actually includes data from 4 separate, personal name fields. When CABI creates a record for a paper written by a personal author or authors, the policy is to include the names of all the authors. When adding authors' names to a record, they are added as Family Name, First Initial. Second Initial.

**e.g. Smith, T. A.**

These are entered into the Author Field. Many authors' names fit this format, but many do not. So, for names that do not fit this standard pattern, CABI will often include variations of an author's name in another field called Author Variants. Where a paper has an Editor, the Editor's name(s) will also be added to the record. When searching CAB Direct, all the personal authors and editors names have been put into the one Author Index, so that they can be searched in one

place. So, you can use the Author search index to search for Personal Authors and Editors.

When searching in the Author field, you can search for just the Family name as:

**au:smith**

This will find all authors called Smith.

If you know their initials, you can include these, but they must be linked to the family name with hyphens or dashes, as shown below:

**au:smith-j-a**

Note: if you include just the first initial, the system will automatically find all the names with this first initial, i.e. **smith-j-a**, **smith-j-t**, etc.

#### **b. Corporate Authors:**

The names of organizations that publish papers are entered into the Corporate Author field, at the database input stage. Corporate Authors are searched in the Corporate Author field (ca), as shown below:

**ca:"World Health Organization"**  
**ca:World-Health-Organization**  
**ca:WHO**

Note, again, the use of double quotes or the use of hyphens (dashes) between the words, to get an exact phrase match. You can also use round brackets which will offer a slightly broader search, as it searches not for the exact phrase but simply for the occurrence of the individual words somewhere in the Corporate Author field, and in any order.

**ca:(World Health Organization)**

Because it is not possible to apply strict rules for adding Corporate Authors to a record, it is often necessary to search for several variations, as shown above.

#### **Index Terms or "Descriptors":**

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:

**Organism Descriptor**  
**Geographic Location**  
**Descriptor**  
**Broad Term (Up-posted Term)**  
**Identifier**

All the terms appearing in the Organism Descriptor, Geographic Location, Descriptor and Broad Term fields are controlled by the CAB Thesaurus, CABI's indexing authority file. The advantage of having a controlled vocabulary is that users need only use one term to search for a concept rather than using lots of terms. The **Organism Descriptor** field is used for animal and plant names, the **Geographic Location** field is used for country and other geographic names and the **Descriptor** field is used for all the "other" terms that are neither animal, plant nor geographic. The entries in these three fields are added to the records manually, by the CABI Indexers.

Because CAB ABSTRACTS is a scientific database, it is very important to remember that most animal and plant concepts will be indexed with their scientific names. All animals, except for commonly managed livestock like Cattle, Sheep, Goats, etc., are indexed with their scientific names. For example, if you want to search for papers about Beetles, you would need to search for the scientific index term, **Coleoptera**, rather than Beetles. However, plants are indexed with both their scientific and their common names, so the searching of plants is somewhat easier.

In general, index terms are added specifically to a concept within a paper. If a paper is a general paper about Beetles, for example, it will be indexed with the Organism Descriptor term **Coleoptera**. But, if the paper is about a specific beetle species, it will be indexed with the species name, and not the word **Coleoptera**. In the past, this policy has made searching for broad concepts like "beetles" very difficult because, in order to find every record, the user needed to search not only for Coleoptera, but had to include all the specific names of individual beetles. This is clearly a difficult if not impossible task.

The problem was solved, several years ago, when CABI began using the CAB Thesaurus to add additional index terms, automatically, to a new field call the **Broad Term** field. Because the CAB Thesaurus is hierarchically structured, all the terms are included in a hierarchy with all their broader terms above them and all their narrower terms below them. Since 1984, the electronic CAB Thesaurus has been included in the database production system, and has been used to automatically add broad terms, from the CAB Thesaurus, to the Broad Term field. This is only done for animal names, plant names and geographic terms, i.e. all the terms that appear in the **Organism Descriptor** field and the **Geographic Location** field. If we take our example of Coleoptera, what this means is that

every time a beetle species name appears in the **Organism Descriptor** field, the broader term **Coleoptera** is automatically added to the Broad Term field. What this means is that a user can search for the term Coleoptera, in the Broad Term field, and they will find, automatically, all the records containing the narrow beetle species names. The field tag for the Broad term field is **up**:

**up:Coleoptera**

Other search examples:

**od:Cattle**  
**gl:(France or Germany or Spain)**  
**od:Rice and up:"South East Asia"**

The last indexing field, not yet mentioned, is the Identifier field. This field is used for non-controlled index terms; terms that do not appear in the CAB Thesaurus. This field is important for papers that discuss new concepts that, currently, do not have their own Thesaurus term. This would include new chemicals, new species, etc. The record has to be indexed with an appropriate term but, because it is not in the Thesaurus, this term can not be added to the Descriptor, Organism Descriptor or Geographic Location fields. It would be rejected. Instead, it is added to the Identifier field, where it can be searched using the **Identifier** field tag (id). Clearly, if you are not sure whether a term is an Identifier or a Thesaurus term, you need to search both fields.

For example:

**od:speciesabc or id:speciesabc**

In a complex search, with lots of terms that may appear in different index fields, the CAB Direct interface offers an extra field tag, **subject**, which combines the Descriptor, Geographic Location, Organism Descriptor and Identifier fields, and which searches them all at once. This can make life a little easier, as you don't have to remember which tag is used for which field. It can also reduce the amount of typing, if you use brackets, as in the following example:

**subject:(rice AND Irrigation AND "south east asia")**

Note: The Subject field is also available in the drop-down list of fields available on the Advanced Search screen.

### **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 ABSTRACTS 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. The area of Forestry, for example, has its own set of codes, as shown below.

**KK000** Forestry, Forest Products and Agroforestry (General)  
**KK100** Forests and Forest Trees (Biology and Ecology)  
**KK110** Silviculture and Forest Management  
**KK120** Forest Mensuration and Management (Discontinued March 2000)  
**KK130** Forest Fires  
**KK140** Protection Forestry (Discontinued March 2000)  
**KK150** Other Land Use (Discontinued March 2000)  
**KK160** Ornamental and Amenity Trees  
**KK500** Forest Products and Industries (General)  
**KK510** Wood Properties, Damage and Preservation  
**KK515** Logging and Wood Processing  
**KK520** Wood Utilization and Engineered Wood Products  
**KK530** Chemical and Biological Processing of Wood  
**KK540** Non-wood Forest Products  
**KK600** Agroforestry and Multipurpose Trees; Community, Farm and Social Forestry

All database records have at least one CABICODE but, according to the coverage, two or more codes are common. The codes are added in addition to the index Descriptors already described, not instead of them. The CABICODES can be searched just like any other keyword, but using the tag **cc**, as in the following examples:

**cc:KK160AND de:"urban development"**  
**cc:KK\* AND de:management**


Note the use of truncation in the second example.

### **The CAB Thesaurus:**

The CAB Thesaurus, CABI's controlled indexing vocabulary, now contains nearly 100,000 preferred indexing terms, and is used to index all the key concepts within the original article. These indexing terms are entered into the four indexing fields, Descriptors, Geographic Location, Organism Descriptors and Broad Terms, as described earlier. The CAB Thesaurus is provided as part of the CAB Direct platform, as an integrated search guide. You can use it to check for the correct terms to use in your search profile. You can also use it to automatically select terms and add them to your search. To browse the CAB Thesaurus, simply click on the **Thesaurus** tab, in the top menu. This will open the Thesaurus browse screen, shown on the next page:




# CAB Thesaurus 2009



[Home](#)
[All terms A-Z](#)
[Browse by subject / category](#)

## Search Thesaurus :



Language

English

Search type

terms begin with text

Results format

simple term list

Terms per page

25

Match terms \*

Equal or Greater

Term type \*

Any

search

\* Available only to search type "term begins with text"

[Help with search >>](#)

### About CAB Thesaurus

The CAB Thesaurus is the essential search tool for all users of the CAB ABSTRACTS™ and Global Health databases and related products. The CAB Thesaurus is not only an invaluable aid for database users but it has many potential uses by individuals and organizations indexing their own information resources for both internal use and on the Internet

Its strengths include:

- Controlled vocabulary that has been in constant use since 1983
- Regularly updated (current version released January 2009)
- Broad coverage of pure and applied life sciences, technology and social sciences
- Approximately 96,000 terms, including 64,000 preferred terms and 32,000 non-preferred terms
- Specific terminology for all subjects covered
- Includes about 62,000 plant, animal and microorganism names
- Broad, narrow and related terms to help users find relevant terminology
- Cross-references from non-preferred synonyms to preferred terms
- Multi-lingual, with Spanish and Portuguese equivalents for most English terms
- American and British spelling variants
- Relevant CAS registry numbers for chemicals
- Commission notation for enzymes

### About CABI

CABI is a not-for-profit science-based development and information organization. We improve people's lives by providing information and applying scientific expertise to

## Search string

Click the **add** button beside a term to add it to the below search string box

clear search

**Send to CAB Direct**


> Send to Google

> Send to Yahoo!

In the **Search Thesaurus** search box, at the top of the left column, type in the term that you want to look up, and click the **search** button. There are various parameters that you can set, down the left-hand side, but the default options will provide you with the broadest result. In the screen, below, we have searched for the term “Beetles”.

[Home](#)
[All terms A-Z](#)
[Browse by subject / category](#)

## Search Thesaurus :



Language

English

Search type

terms begin with text

Results format

simple term list

Terms per page

25

Match terms \*

Equal or Greater

Term type \*

Any

search

\* Available only to search type "term begins with text"

[Help with search >>](#)

## All terms A-Z

[All](#) | [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#) |

## Search results

Next >

- beetles **add**
- beetroots **add**
- beets **add**
- BEFV **add**
- Beggiatoa **add**
- Beggiatoa alba **add**
- Beggiatoa punctata **add**
- Beggiatoaceae **add**
- Begomovirus **add**
- Begonia **add**
- Begonia boweri **add**
- Begonia cheimantha **add**
- Begonia coccinea **add**
- Begonia cubensis **add**
- Begonia cucullata **add**

## Search string

Click the **add** button beside a term to add it to the below search string box

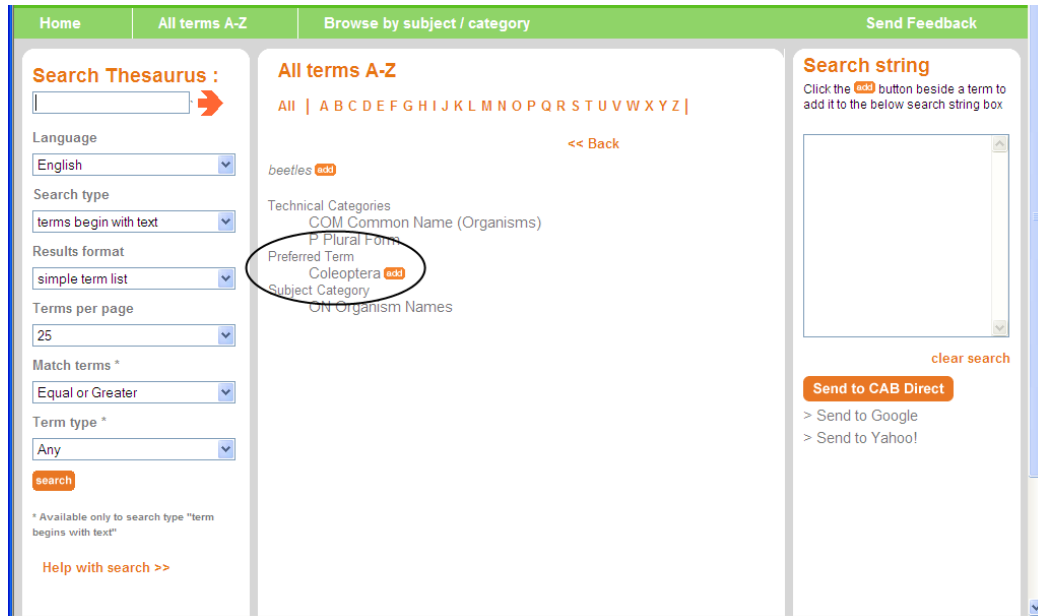
clear search

**Send to CAB Direct**

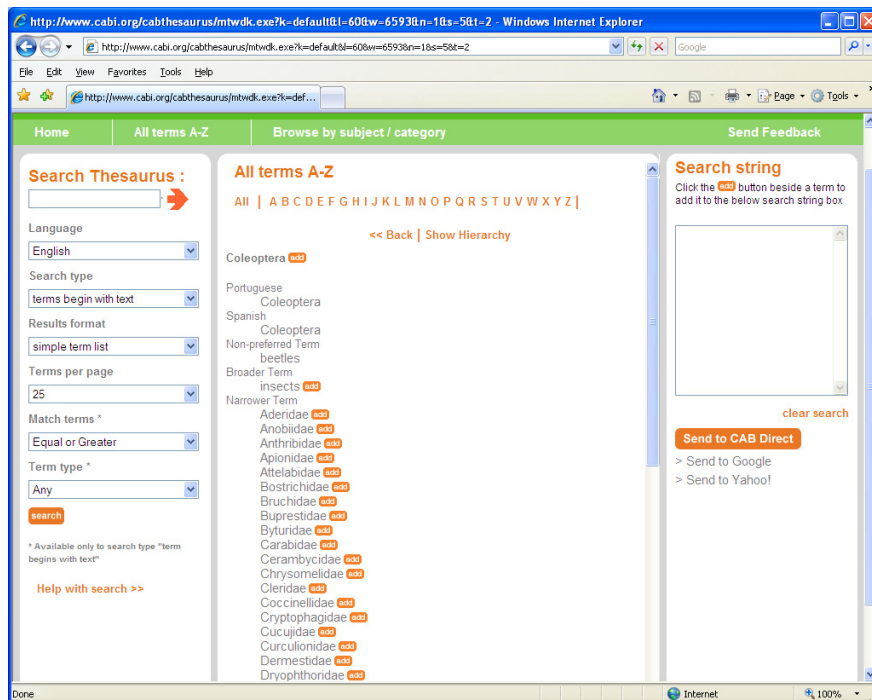
> Send to Google

> Send to Yahoo!

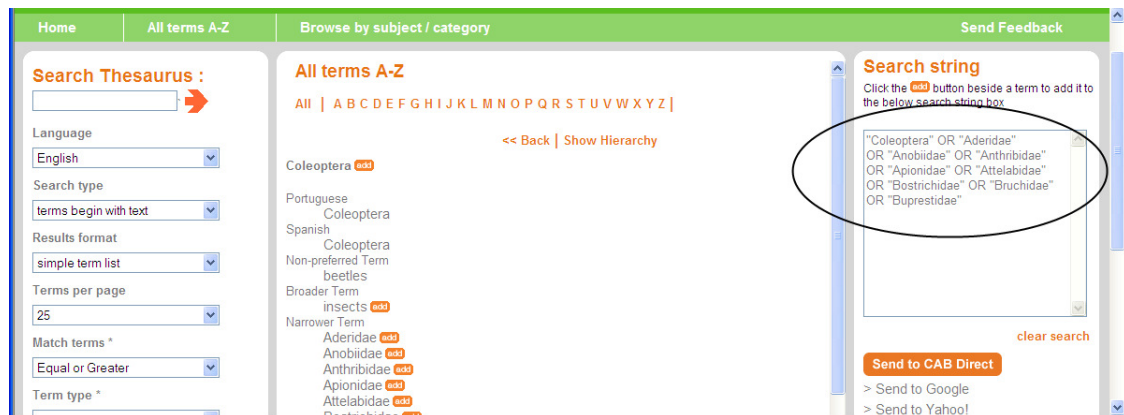
In the central frame, we see an alphabetical list of terms, from the Thesaurus, starting with our term Beetles. To see the Thesaurus entry for any of these terms, simply click on the term of interest. In this example, we are interested in the term Beetles. Clicking on a term will display the Thesaurus entry for that term. The entry for Beetles is shown below:



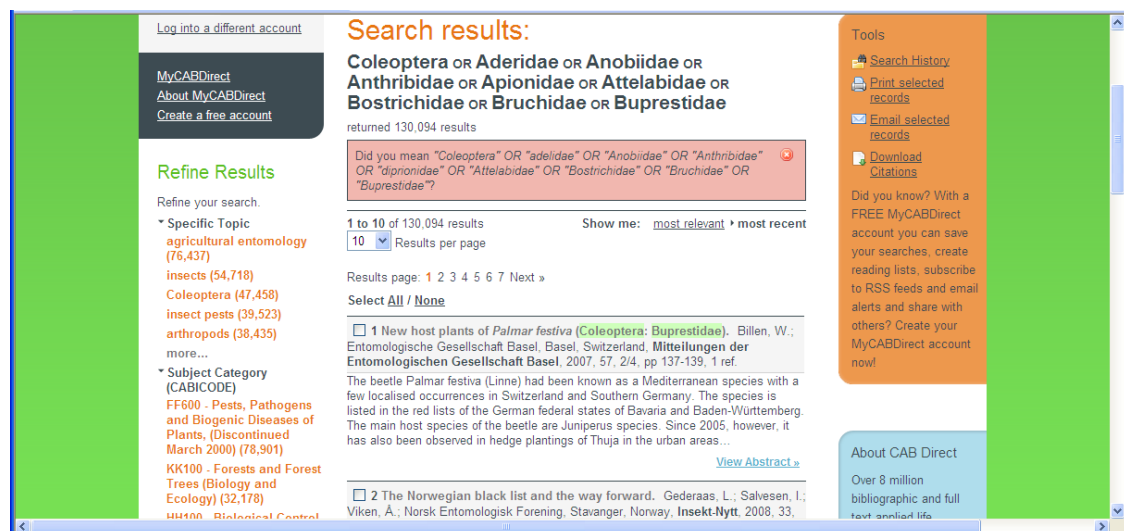
Here, we see that the Thesaurus is telling us that the preferred indexing term for the concept “Beetles”, is actually Coleoptera, not Beetles. We can now click on Coleoptera to see its Thesaurus entry, shown below:



We now see the term Coleoptera at the top of its hierarchy. This page shows us the Broader term, above Coleoptera (Insects), and all the Narrower Terms, one level below Coleoptera. These are the more specific terms, used to index these particular concepts. Next to each term, there is an **add** button, which can be used to add any selected term to the **Search String** box, on the right of the screen. Clicking on **add** will add it to the **Search String** box. If more than one term is clicked, the terms will be combined with the OR operator, as shown on the screenshot below.



Once you have selected all the terms that you want to search, simply click the **Send to CAB Direct** button to perform the search. CAB Direct will then run your Thesaurus search and display the results, as shown below.



The search is actually performed in the Free Text Index, and is not restricted to the CABI Indexing fields, to this will provide the broadest result.

If you wish to modify the search statement, before you run the search, the **Search String** box, in the Thesaurus screen, is fully editable. You can add extra

terms, change **Ors** to **ANDs** or add brackets, quotation marks and field tags. In the example below, we have added the field tag **subject** and a set of round brackets.

**Search string**

Click the **add** button beside a term to add it to the below search string box

subject:(  
"nitrogen fertilizers"  
OR "ammonium fertilizers"  
OR "nitrate fertilizers"  
OR "urea fertilizers"  
OR "ammoniated vermiculite"  
OR "anhydrous ammonia"  
OR "aqueous ammonia")

Here, we see that CAB Direct has searched for the selected terms in the **Subject** field, rather than the **Free Text** index.

**Search results:**

Specific Topic: "nitrogen fertilizers" OR Specific Topic: "ammonium fertilizers" OR Specific Topic: "nitrate fertilizers" OR Specific Topic: "urea fertilizers" OR Specific Topic: "ammoniated vermiculite" OR Specific Topic: "anhydrous ammonia" OR Specific Topic: "aqueous ammonia"

returned 71,416 results

1 to 10 of 71,416 results      Show me: [most relevant](#) ▾ [most recent](#)

10 Results per page

Results page: 1 2 3 4 5 6 7 Next »

Select [All](#) / [None](#)

☐ 1 Nitrification of soil with urea fertilizer induced diabetes in albino rats. Rajoo, Reeta Johri; Johri, P. K.; Applied Zoologists Research Association, Cuttack, India, *Journal of Applied Zoological Researches*, 2008, 19, 2, pp 217-220. 5 ref. Plant species like wheat, legumes and cereals are good accumulator of nitrate and nitrite compounds which retained as alloxan monohydrate. Excess urea fertilizer use increases crop yield but a portion of urea is converted in to trihydroxypurine which is oxidized to alloxan molecules and recycled to urea. Comparative study of food consumption, body weight, diabetic panel and biochemical estimations... [View Abstract](#) [View Full Text](#)

☐ 2 The influence of *Brassica* crops on the soil seed bank and amount of the weeds in following wheat crops. Vlasenko, N. G.; Bärberi, P.; Bastiaans, L.;

**Refine Results**

Refine your search.

\* Specific Topic

- nitrogen fertilizers (64,976)
- nitrogen (32,012)
- fertilizers (31,002)
- application rates (16,385)
- crop yield (14,109)
- more...

\* Subject Category (CABICODE)

- JJ700 - Fertilizers and other Amendments (68,319)
- FF100 - Plant Production (42,991)
- FF061 - Plant Nutrition (14,104)
- FF005 - Field Crops, (New March 2000) (13,717)

**Tools**

- [Search History](#)
- [Print selected records](#)
- [Email selected records](#)
- [Download Citations](#)

Did you know? With a FREE MyCABDirect account you can save your searches, create reading lists, subscribe to RSS feeds and email alerts and share with others? Create your MyCABDirect account now!

**About CAB Direct**

Over 8 million bibliographic and full text applied life science information

This new CAB Thesaurus is very flexible and powerful. There is a separate, in-depth Tutorial available on using the CAB Thesaurus.

## Subject Codes Field:

In addition to the CABI indexing fields and the CABICODES, CAB Abstracts records are classified using a set of two character Subject Codes. Initially developed as a production tool, for the printing of the 46 printed Abstracts Journals, these Subject Codes have been expanded to code records for broad subject areas like Horticulture, Soils and Fertilizers, Plant Pathology, etc. Database records will have at least one code, but may have several, coding for different concepts within the original paper. The Subject Code (sc) field is also used to code database records which have links to the CABI Full Text databases and the CAB eBooks, which are available as separate databases. This coding allows for seamless, full text linking from a database record through to the CABI full text PDF files. If, for example, a database user also subscribes to the CAB Reviews full text database, they could search for **“Transgenic Plants” and sc:(FR or FA)** and this would retrieve records about Transgenic Plants that had links through electronic, full text Reviews on the CAB Reviews database. The following screenshot shows a CAB Abstracts record with a CAB full text link button to a CAB Review.

The screenshot displays the CAB Abstracts search results page. The search query is "Transgenic Plants" and sc:(FR or FA). The results are displayed in a list format. The first result is titled "1 Impacts of Bt crops on non-target invertebrates and insecticide use patterns. Naranjo, S. E.; CABI, Wallingford, UK, CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, 2009, 4, 011, pp 1-11." The abstract text below the title states: "The ubiquitous nature of Bacillus thuringiensis (Bt), a Gram-positive bacterium capable of producing crystal proteins with insecticidal activity during sporulation, is now being mirrored in major crops plants that have been engineered through recombinant DNA to carry genes responsible for producing these crystal proteins and providing host plant resistance to major lepidopteran and coleopteran pests." Below the abstract text, there is a "View Abstract" link and a "View Full Text" button, which is circled in red. The "View Full Text" button has a right-pointing arrow. The page also includes a sidebar with "Refine Results" and a "Tools" section.

For institutions subscribing to CAB Abstracts, who also have a subscription to CAB Reviews full text database, this link will take the user straight through to the full text PDF file.

A full list of the CABI Subject Codes can be found at the following Web site:

<http://www.cabi.org/datapage.asp?iDocID=1083>

### Search Limits:

On the Advanced Search screen, there are a number of Limit options including:

- Published between:** To limit results to records from original articles published between a range of years.
- Added since:** This limits the search to records added to the database since a specified date, and is useful for updating searches.
- Language:** Limits the search records for original articles published in a specific language.
- Document type** Will limit results to records for original articles of a specific document type, such as Journal or Book.

At the bottom of the Advanced Search screen there is also an option to **Show** only database records that have links through to the free CAB Full Text articles. Select this option by clicking the round “radio” button.

The screenshot shows the CABI Advanced Search web interface. At the top, there is a green navigation bar with links: "About CAB Direct", "Tell us what you think", and "Contact Us". Below this, a sidebar on the left contains links for "Subscription Information", "CABI Head Office", "Show Details", "Log Out", and "Log into a different account". The main content area is titled "Advanced search:" and features three search rows, each with a text input field, a dropdown menu set to "All fields", and a red "X" icon. Below these rows are buttons for "Add Row" and "Submit". The search criteria section includes: "Published between" with two date input fields (labeled "yyyy" and "yyyy"); "Added since" with a date input field (labeled "yyyy-mm-dd") and a calendar icon; "Language" with a dropdown menu set to "Any Language"; and "Document type" with a dropdown menu set to "All Types". At the bottom, there is a "Show" section with two radio buttons: "all results" (selected) and "only results where CABI host the full text". A "Submit" button is located at the bottom right. A blue callout box on the right side of the page states: "Over 8 million bibliographic and full text applied life science articles hand picked by our team of experts and updated daily."

### **Additional Search Fields:**

We have looked at some of the most important search fields, but there are many more that can be useful on occasions. A list of all the fields can be found in the short help file, accessed from the CAB Direct screen by clicking on the Help tab at the top of the screen. Here is a table of those additional fields.

<b>Description</b>	<b>Field Tag/Name</b>
Additional Authors	AD
Author Affiliation	AA
CABICODES	CC
CAS Registry Numbers	RY
CAS Registry Numbers	RY
Conference Dates	CD
Conference Title	CT
Corporate Author	CA
Country of Publication	CP
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	PA
Personal Author	AU
Personal Author Variants	AV
Publisher	PB
CABI Product Code	SC
Up-posted Descriptors	UP
Web URL	UR
Year of Publication	YR