



# CABI - Crop Protection Compendia 使用手冊



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## 壹・資料庫簡介

Crop Protection Compendium (作物保護概要)是一個內容豐富的百科資源,收錄各種 關於作物保護不同型態的科學資訊,包含關於害蟲、疾病、雜草、主要作物和天敵的詳 細資料表,內容來自於專家並且由獨立的科學組織編輯。來自專業組織的資料、圖庫、 地圖、書目資料庫以及全文文章更加添了資料庫的價值,資料庫的內容在質與量方面皆 不斷地提升。

主題涵蓋:

害蟲鑑別 / 分類學 / 形態學 / 特徵、偵測和診斷 / 地理分佈、導論和傳播 侵襲力 / 植物檢疫風險 / 生物學和生態學 / 產地的變遷與散播 / 天敵 經濟、社會與環境影響 / 害蟲管理 /種子病理學 / 作物的生產、植物學及用途 基因變異和培植 / 生產和國際貿易

## 貳·資料庫主畫面介紹

Crop Protection Compendium 連線網址:<u>www.cabi.org/cpc</u> 簡潔清楚的版面設計,您可在首頁開始瀏覽或輸入關鍵字檢索。



# **叁・**資料庫瀏覽介紹

可於主畫面中央按照不同類型資料的標籤加以瀏覽,或是由畫面左側工具列按照作物/ 害蟲或病原體的物種別加以瀏覽,將顯示該分類下方包含的資料。



以下將按照資料庫內收錄的各項資料分項說明。

Full Datasheets:由超過 60 個國家挑選出來的專家特別為此資料庫所撰寫超過 3,700 個關於害蟲和天敵的詳細資料表,資料表經過編輯及同儕評論,另外有些資料表是由合作機構所提供,這些機構的名稱也被標示於資料表中。

Basic Datasheets:包含廣泛更範圍的害蟲、天敵及寄主植物的資料,目前共有超過 20,000 個資料表。內容來自 CAB Abstracts,經由資料探勘及自動交叉比對,這些資料可能提供 有用的生物學分類及分布等資訊,但必須注意並非所有 Basic Datasheets 的資料皆經過 人工檢查。

在資料表的封面頁(cover page)可看到該資料最近被更新的日期(Last modified),可 能是針對文字、或分布圖,或其他任何包含於該資料表中的內容。 以下為 Full Datasheets 的範例,可依照 Datasheets 上方的標籤點選該主題下的相關資訊,包含相關的圖片、特性、分佈狀況、生物學和生態學、造成的影響、蟲害管理等資訊,另外部分參考文獻提供連結至 CAB Abstracts 可得其書目摘要資訊。



可使用 Report 功能,於左方選擇報告所需的選項加入右方欄位,選取完成之後,按下 Generate Report ,則會以 HTML 網頁格式輸出。

1200	Crop Protection Compendium The world's most comprehensive site for Crop Protection Information	) rw.cabi.org
Home Datasheets	Abstracts Database Library Glossary Search More Resources	/
you are logged in Log-out	Datasheets > Harmonia axyridis (harlequin ladybird) Cover    Images    Identity    Distribution    Biology and Ecology    Impacts    Management    References    Report	back
Main Menu		
Overview	L: Identity L: Taxonomic Tree T: Summary of Invasiveness	
About	T: Notes on Taxonomy and Nomenclati	
Updates	T: Description T: Distribution	
FAQs	L: Distribution Table	
Training tools	L: Distribution Table Details T: History of Introduction and Spread	
Feedback	T: Risk of Introduction T: Habitat	
Subscribe	L: Habitat List L: List of Hosts for Natural Enemy	
CPC Browse	T: Hosts/Species Affected L: Host Plants and Other Plants Affecte All Sections ->	
-Animals	L: Growth Stages All Maps →	
-Bacteria	L: List of Symptoms/Signs	
🛱-Fungi	L: Air Temperature	
Oomycetes	L: Rainfall	
-Plants	T: Means of Movement and Dispersal	
Protozoa	L: Pathway Vectors	
Unknown aetiology	KEY: T = Text Section M = Map L = List	

### Library:收錄來自 CABI books 書籍篇章以及其他研究報告,共超過 100 篇的全文。 Full Text: CAB Abstracts 摘要亦包含完整全文的,目前包含超過 9,800 篇的全文。

1200	Crop Protection Compendium The world's most comprehensive site for Crop Protection Information
Home Datasheets	Abstracts Database Library Glossary Search More Resources
you are logged in Log-out	Welcome to the new platform for the Crop Protection Compendium
ain Menu	
verview	Full datasheets – on over 3500 pests, diseases, natural enemies and crops
bout	Basic information – on more than 20,000 more species Latest scientific findings – 169,000 bibliographic records updated weekly
odates	In depth information – more than 8600 Library and Full Text journal &
	conference articles
\Qs	As well as these great new features: easy-to-use search engines / clearer
aining tools	layout / taxonomy browse function / regular updating / 400 recently commissioned and updated datasheets / core data from EPPO and the FAO
eedback	
ubscribe	See <b>Overview</b> for more information and Frequently Asked Questions View <b>training videos</b> for searching and an introduction to the content
-CPC Browse	their daming traces to escalaring and an interestion to the content
Animals	Site Search
Bacteria	Full Datasheets Basic Datasheets Library Full Text Glossary Abstracts
-Fungi	(3752) (20867) (129) (9839) (21362) (180118)
Oomycetes	T T
Protozoa	For advanced searching, full tex Database, please use the Abstrometric acts
Unknown aetiology	
Viruses	Sort by: relevance / date 文列表
	Showing 1 - 10 of 129
	Powdery mildew on Calabacea curcubita.
	Méndez, C. M.; CABI, Wallingford, UK, Hojas Volantes, cómo manejar plagas y enfermedades/Plantwise Fact Sheets for Farmers: Nicaragua, 2007, 31, pp 1 pp.
	This factsheet for farmers in Nicaragua provides information on powdery mildew, a fungal disease of pipián (Calabacea
	curcubita). It includes details about its biology, control and photos of affected plants.
	View Full Text >>

#### 點選上方工具列的 Library 則可以按照主題來篩選瀏覽文章。

1200		Protection Compendium most comprehensive site for Crop Protection Information	
Home Datasheets	Abstracts Database Lib	rary Glossary Search More Resources	
you are logged in Log-out	Library - Crop Protectio	on Compendium	
Aain Menu	Follow the links below for full tex	t library items	
Overview	Analytical methods		
About	Horticultural Crops		
Updates	Allium Apples		
FAQs	Avocado	於此選擇欲瀏覽的主題,則可觀看該	
Training tools	Brassica Organic culture	主題下包含的全文。	
Feedback	Pineapple Tomato		
Subscribe	Tropical fruit		
	Invasive plants		
- CPC Browse - Animals	IRRI Rice Almanac		
■ Bacteria	Non-infectious disorders		
-Fungi -Oomycetes	Plant health diagnosis		
	Plant quarantine Pest risk assessment		
	Postharvest pests		
	Safe movement of germplasm		

Glossary of terms: 超過 20,000 筆定義互動式的詞彙表。詞彙表的彙編和選取參考許多的出版品。關於農藥和生物農藥的資料是由英國作物保護公司(British Crop Protection Enterprises)提供。亦包含 ISPM 5 植物防疫檢疫詞彙(Glossary of Phytosanitary Terms, 2005)的英文、法語和西班牙語版。許多林業的定義是收錄自由 CABI 出版社和美國林業學會(SAF, Society of American Foresters)在 1998 年出版的 Dictionary of Forestry (editor J.A. Helms)。一些關於植物的說明是收錄自昆士蘭大學出版的 Plants of Australia key (2003 edition)。

SC Cas	Crop Protection Compendium The world's most comprehensive site for Crop Protection Information			
Home Datasheets you are logged in Log-out	Abstracts Database         Library         Glossary         Search         More Resources           Welcome to the new platform for the Crop Protection Compendium			
Main Menu Overview About Updates FAQs Training tools Feedback Subscribe	Full datasheets – on over 3500 pests, diseases, natural enemies and crops Basic information – on more than 20,000 more species Latest scientific findings – 169,000 bibliographic records updated weekly In depth information – more than 8600 Library and Full Text journal & conference articles         As well as these great new features: easy-to-use search engines / clearer layout / taxonomy browse function / regular updating / 400 recently commissioned and updated datasheets / core data from EPPO and the FAO         See Overview for more information and Frequently Asked Questions View training videos for searching and an introduction to the content			
CPC BrowseAnimalsBacteriaComycetesOomycetesProtozoaUnknown aetiology	Site Search Full Datasheets (3752) Basic Datasheets (20867) Library (129) Full Text (9839) (21362) Abstracts (180118) Sort by: relevance date //date //A-Z Showing 1 - 10 of 21362 aquatic invertebrates			

Abstracts: 收錄來自 CAB Abstracts 的書目摘要資料,目前有 180,000 筆以上資料。

THE ALL STOR	The world's most comprehensive site for Crop Protection Information					
Home Datasheets	Abstracts Database	Library	Glossary	Search	More Resources	
you are logged in Log-out	Welcome to the new	platform fo	r the Crop	Protection	Compendium	
lain Menu						
Overview					ests, diseases, natural ener	nies and crops
About					an 20,000 more species 000 bibliographic records upo	lated weekly
Updates			oth information ence articles	n – more tha	an 8600 Library and Full Text	journal &
FAQs		Conner	ence anicles			
	and a fair and				es: easy-to-use search engir n / regular updating / 400 rec	
Training tools					heets / core data from EPP(	
Feedback						
Subscribe					on and Frequently Asked Qu ng and an introduction to the	
-CPC Browse			-		-	
Animals	Site Search					
Bacteria	Full Datasheets Basic Datash			Glossary	Abstracts	
<b>⊞</b> -Fungi	(3752) (20867)	(129)	(9839)	(21362)	(180118)	
Oomycetes						
-Plants -Protozoa					olver, alerts, and RSS Feed ed to allow pop-up window	
Unknown aetiology		e ule <u>Absula</u>		TOU WIITTE	ed to allow pop-up willdow	vs for unis.
	Sort by: relevance / date					

More Resources:除了以上收錄內容, Crop Protection Compendium 亦提供一些相關的參考網站,主題包括 -- 辨識關鍵、圖庫、害蟲分佈資料、植物檢疫資訊。

1200	Crop Protection Compended The world's most comprehensive site for Crop Protection		
Home Datasheets	Abstracts Database Library Glossary Search More Res	sources	
you are logged in Log-out	Identification Keys Pest D	ID Keys ge Libraries istribution Data	
Main Menu	Bruchid Pest/Host Database Query Page (AGWest and CLIMA, Australia)	nitary Information	
Overview	A database which helps identify key pests and various host plants.		
About	Pacific Island Ecosystems at Risk (PIER) Listings and descriptions of plant species that threaten Pacific ecosystems.		
Updates	Global Compendium of Weeds (Rod Randall, AGWest, Australia)		
FAQs	Weedy characteristics of 20,000 taxa of plants.		
Training tools	Guide to Insects & Mites Attacking Woody Ornamentals (Nebraska)		
Feedback Subscribe	Agricultural Commodity Identification Aid Manual (California Department of Food and A pictorial index to assist inspectors with the identification of commodities not norma		
■ CPC Browse	Identification Keys for Insect Pests in Pacific Northwest Field Crops A tool for identifying damaging stages of insect pests that commonly occur in Pacific	Northwest field crops.	
Bacteria B-Fungi Oomycetes B-Plants	Insect and Related Pests of Field Crops: Some important, common and potential pe A general key to adults of economically important insect families and related pests, crop based on the morphology and damage of the injurious life stages. In addition to also presented.	and field keys to the insect pests of each major	
Protozoa Unknown aetiology Viruses	Insect and Related Pests of Flowers and Foliage Plants: Some important, common, United States Keys to adults and immatures of the pests of herbaceous ornamental plants.	and potential pests in the southeastern	
	Insect and Related Pests of Shrubs: Some important, common, and potential pests Descriptive keys to insect and mite life stages.	in southeastern United States	
	Insect and Related Pests of Vegetables: Some important, common, and potential pa Keys, pest descriptions, illustrations, and indices providing necessary information to pests of vegetables grown in North Carolina.		

# 肆・檢索功能介紹

#### - • Site Search

使用時機:類似 Google 搜尋的概念,可同時檢索資料庫中收錄的所有不同類型資料, 檢索結果將顯示各資料類型中各有幾筆結果符合搜尋條件。

#### 步驟 1:在首頁的搜尋框直接輸入關鍵字



#### 或是點選上方工具列的 Search 選擇 Site Search



### 步驟 2:輸入欲檢索的關鍵字後,按下 🏓 開始檢索

85	Crop Protection Compendium The world's most comprehensive site for Crop Protection Information					(WWW.cabi.org		
Home	Datasheets	Abstracts Database	Library	Glossary	Search	More Resource	es	
<mark>you are log</mark> Log-out	ged in	Site Search						
Main Menu		This is a basic search ac	This is a basic search across all content types in the compendium, valuable for bringing back the datasheets and other					
Overview		information for a known s	species or con	cept. For a detail	ed search of t	he datasheets, plea	se use the advanced	l datasheet search.
About								
Updates		rice				以 rice	作為關鍵字	2
FAOs								

步驟 3:可得檢索結果頁面如下,不同資料類型的檢索結果分屬於不同標籤下,資料名 稱後方的括號顯示檢索結果數量,如 Full Datasheets (3769)表示在 Full Datasheets 此類 別下有 3769 筆符合的檢索結果。可由此點選進入檢索結果觀看。

STR.	Crop Protection Compendium The world's most comprehensive site for Crop Protection Information
Home Datasheets you are logged in Log-out Main Menu	Abstracts Database         Library         Glossary         Search           Site Search         This is a basic search across all content types in the compendium, valuable for bringing back the datasheets and other
Overview About Updates FAQs	information for a known species or concept. For a detailed search of the datasheets, please use the advanced datasheet search fice ful Datasheets (20917) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2
可按照相關程度 / 日 期 / 字母 A-Z 的順序 排列檢索結果	Sort by: relevance/ date # / date # / A=Z1         Showing 1 - 10 of 3769         Search results for 'rice'         Oryza sativa (rice)         Cultivated rice is generally considered a semi-aquatic annual grass, although in the tropics it can         Image: Search results for 'rice'         Previous Next         Previous Next         Image: Search results for 'rice'         Image: Search results for 'rice'
Protozoa Unknown aetiology Viruses	Rice tungro bacilliform virus (rice tungro)         RTBV is widely distributed in rice-growing areas in South and South-East Asia, and in southern         Rice tungro disease (rice tungro virus)         Rice "tungro" disease is known to be caused by a complex of two viruses: (a)         Rice stripe virus (rice stripe tenuivirus)         Rice stripe disease was first recognized in the Kanto district of central
	Rice ragged stunt virus (rice ragged stunt)

★★ Search Tips 檢索技巧:

- 1. 可使用布林邏輯-AND, OR, NOT 需以大寫字母輸入。
- 特定的名詞需在檢索辭前後加上雙引號限定,如某個特定刊物名稱、某位特定作者 名或某專門術語。
- 3. 限定檢索條件於某些欄位

限定欄位	代表字元	搜尋範例
作者	au:	au:"Park HyoungHo"
刊物名稱	do:	do:"Korean Journal of Breeding Science"
ISSN	sn:	sn:"0250-3360"
限定包含全文	(sc:fq OR sc:ft)	(sc:ft OR sc:fq) rice

#### Advanced Datasheet Search

使用時機:若欲限定檢索範圍在 Full Datasheets 的內容,則可以使用 Advanced Datasheet Search 搜尋。

1200	Crop Protection The world's most comprehensive	e site for Crop Protection Information			
Home Datasheets	Abstracts Database Library Glossary	Search More Resources			
you are logged in Log-out	Advanced Datasheet Search	Site Search Advanced Datasheet Search Search Help			
Main Menu	This is a power search of the key data in the detailed da	Video on searching CPC			
Overview	Datasheets on pests and diseases of a specific crop, their geographical distribution, the parts and stages of the plant they attack				
About	and their symptoms can be retrieved through the use of	and their symptoms can be retrieved through the use of simple keyword sear			
Updates	You can easily build your search by adding additional keywords e.g. Ghana = will retrieve pests, diseases and hosts found in that country				
FAQs	Ghana maize = pests, diseases and hosts associated with maize Ghana maize Lepidoptera = as above but connected with the Order Lepidopte				
Training tools	Ghana maize Lepidoptera stem = as above but those known to damage the provident of the state of				
Feedback	For further examples see the Advanced Datasheet search examples on the 'Search Help' page				
Subscribe	SEARCH TIP: Place all Boolean operators in capitals e.g. AND, NOT, OR				
-CPC Browse	SEARCH TIP: Add 'NOT host/crop' to any search to restrict to pest and disease datasheets				
Animals	SEARCH TIP: Include terms that need to be searched as a string in inverted commas, e.g. "New Zealand"				
-Bacteria					
-Fungi	Advanced Datasheet Search				
Oomycetes					
Protozoa					

您可以使用此檢索方式尋找:

搜尋項目	建議輸入關鍵字
某一特定作物之病蟲害	輸入作物名稱搜尋即可
發生於特定國家或地區之病蟲害	輸入國家或地區的名稱搜尋即可

由某一類生物造成的病蟲害	輸入如:pests, diseases, fungi, bacteria,
	viruses, insects, beetles 或 leafhoppers 為
	關鍵字查詢
侵襲作物的某一部份之病蟲害	輸入如:seeds, stems, roots, leaves, fruits
	為關鍵字查詢
發生在作物生長某一特定時期的病蟲害	輸入如:flowering, fruiting, "post harvest",
	seedling, "pre emergence" 為關鍵字查詢

可同時結合上述多個搜尋概念,以布林邏輯連接,共同檢索。

#### 檢索範例:欲查詢侵襲芭蕉的害蟲,發生在墨西哥,但未出現在古巴,

檢索指令: Musa AND pest AND Mexico NOT Cuba



#### ★★ Search Tips 檢索技巧

- 1. 所有的布林邏輯連接詞請使用大寫形式。 e.g. AND, NOT, OR
- 2. 在任何檢索加上 'NOT host/crop' 限制查找害蟲和疾病的 datasheets
- 3. 將需要被當成一字串檢索的名詞,在前後加上雙引號限定。 e.g. "New Zealand"

#### $\equiv$ • CAB Abstracts Search

使用時機:若欲限定檢索範圍在資料庫中的 Abstracts 的資料,也可以使用 CAB Abstracts 的檢索平台 CAB Direct。點選資料庫上方工具列之 Abstracts Databases,將以新視窗開 啟檢索頁面。



#### CAB Direct 檢索頁面

可在 CAB Direct 檢索頁面首頁的快速查詢框輸入關鍵字查詢,或是點選下方的 Advanced search 進入進階檢索頁面。





#### 關鍵字的限定欄位下拉選單包括:

All fields	¥
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	
ISBN	

# 任一部分 文章標題

- 摘要
- 作者名稱
- 作者機構
- 描述符號
- 地理區域
- 主題
- 出版來源

- 出版社
- CABICODE (CABI 的編碼)
- 研討會名稱
- 語言
- 出版品形式
- 出版年
- CAB Abstract 的紀錄號碼
- 文章編碼 (DOI)
- 期刊或書籍編碼 (ISSN or ISBN)

#### 檢索範例

假設我們今天要查詢會對作物採收後 ("post harvest") 造成危害的真菌 (fungi), 詳細檢 索條件如下所示:

- ① fungi 限定在全文
- ② "post harvest" 限定在摘要
- ③ 1 & 2 的關係是 AND (兩者必須同時具備)
- ④ 年代從 2000 到 2011
- ⑤ 語言限定在英文
- ⑥ 包含所有的檢索結果(不限定包含全文)



設定好檢索條件之後,按下 submit 鍵開始搜尋

#### 檢索結果頁面

檢索結果頁面如下,共有 444 筆結果符合我們設定的檢索策略,您可以從畫面中央的 主要部分點選觀看檢索結果。



#### 精確化檢索



- Subject Category (CABICODE)
- Year of publication
- Source Title
- Author
- Geographic location
- Language
- Full Text
- Your CABI Databases

在檢索結果畫面左方提供精確化檢索的選項 包括以下選項,點選前方的 》即可展開此分類下方 包含的次選項。

- ▶ Specific Topic:特定的主題
- ▶ Subject Category: CABI 分類的主題類別
- ▶ Year of Publication:出版年代
- ▶ Source Title:資料來源
- Author:作者
- ▶ Geographic location:地理區域
- ▶ Language:語言
- ▶ Full text:是否包含全文
- ▶ Your CABI Database:您所訂購的 CABI 資料庫

您只需用滑鼠點選您欲加入的檢索條件,即可將該項 檢索條件加入搜尋。 假設我們在剛剛的檢索結果中再加入以下二項搜尋條件

- 1. 包含全文
- 2. 限定在 Crop Protection Compendium 資料庫中

加入的精確化搜尋條件會顯示在檢索結果的上方,若您欲移除已加入的檢索條件,僅需 用點選該檢索條件後方的 × 。



#### 文章工具列表

在檢索結果頁面,您可以點選結果結果前方的星號 🔯 選取該筆檢索結果

經選取的檢索結果星號會轉變為黃色 🔀 。或是點選檢索結果上方的 Mark: All 選取

所有的檢索結果, None 取消選取。

#### Mark: <u>All</u> / <u>None</u>

★1 Changes of patulin concentration in apple products during processing stages: a review. Özdemi⊒r, Y.; Erdoğan, S.; Sayın, E. O.; Kurultay, Ş.; Nobel Bilim ve Arastirma Merkezi, Ankara, Turkey, TABAD, Tarim Bilimleri Arastirma Dergisi, 2009, 2, 2, pp 47-52, 40 ref.

您可以使用檢索結果頁面右方的工具,針對選取的檢索結果進行以下動作:

#### Tools

- Marked records
- M Search History
- Print marked records
- Email marked records
- Export marked Citations
- Download marked as MARC records

- 1. Marked records:保留您所選取的檢索結果
- Search History:列出您此次登入的檢索歷程,您可以勾選幾個檢 索紀錄,結合再進行檢索
- 3. Print marked records:將選取的檢索結果列印出來
- 4. Email marked records:將選取的檢索結果以 e-mail 寄送
- 5. Export marked Citations:輸出選取檢索結果的書目資料
- 6. Download marked as MARC records:下載選取檢索結果的 MARC

#### 個人化功能

除此以外,CAB Direct 還提供多項個人化功能服務,欲使用這些個人化功能需先註冊個人帳密登入。



#### 註冊個人帳密:填寫以下資料表

Register	
Username	
Password	
Retype Password	
Email	
Register	

註冊完畢,則立即可以開始使用您的個人帳密。

Save this search	1. Save this search:存取此項檢索策略
<mark>⊡ <u>Create an email</u> alert</mark>	2. Create an email alert:訂閱 e-mail 通知
Subscribe an RSS	3. Subscribe an RSS feed of this search:訂購此檢索 RSS feed 通知
feed of this search	4. Saved marked in MyCABDirect:存取選取的檢索結果至我的個人
Save marked in	化帳號
MyCABDirect	

當您登入個人帳密之後,畫面左方會顯示您的使用者名稱,



Go to MyCABDirect:進入您的個人資料夾中,使用您所存取的檢索或是書籤 Bookmark Edit your profile:編輯您的個人資料,更改您的 e-mail 和密碼 Prepared Searches:若需要更多 CAB Abstracts 的檢索範例,可以點選 Crop Protection Compendium 資料庫上方工具列 Abstracts Databases 選擇 Prepared Searches



此頁面中有許多出版社預先準備好的檢索範例,包含清楚的檢索範例說明,以及使用的 檢索字串。



#### 點選上方頁面中的藍色標題,即會自動開啟 CAB Abstracts 的檢索結果頁面如下。

