



Consortium for e-Resources in Agriculture (A Sub-Project under NAIP)

2013

USER MANUAL



Project Team

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www.cera.jccc.in

www.cera.jccc.in

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CeRA – Introduction

Consortium for e-Resources in Agriculture

(A Sub-Project under National Agricultural Innovation Project)

Unit of Simulation and Informatics

A-0 Block, LBS Building, the Indian Agricultural Research Institute, New Delhi 110 012

CeRA: Consortium for e-Resources in Agriculture

- A National Consortium of Universities and Research Centers, in India in Agriculture and related sciences.
- Promoted by Indian Council of Agricultural Research (ICAR), New Delhi.
- Funded by National Agricultural Innovation Project (NAIP), India

With the rapid growth of internet facilities and advancement of web technology, almost all reputed international journals are available on-line and can be easily accessed by researchers over the network. Since ICAR is having network connectivity across Institutes and State Agricultural Universities, selected journals could be made available over the network for the use of scientific community. Accordingly, National Agricultural Innovation Project (NAIP) has funded for establishing the Consortium for e-Resources in Agriculture (CeRA) at the Indian Agricultural Research Institute (IARI) in November 2007 to facilitate accessibility of scientific journals to all researchers/teachers in the National Agricultural Research System by providing access to journals online which is crucial for having excellence in research.

CeRA's Content Resources

CeRA currently provided access to a collection of 2,000 + Journals (Electronic + Print) from several publishers from the following sources.

- 200 + Print Journals from Designated Document Delivery Libraries
- 1800 + e-Journals from the following participating publishers.

Informatics

Springer - 70

Taylor & Francis Group - 1079

Indian Journals - 131

Annual Reviews - 22

Elsevier - 358

CSIRO - 8

Oxford University Press - 30

American Society of Agronomy - 8

Objectives of CeRA

- To upscale the existing R & D information resource base of ICAR Institutions/Universities comparable to world's leading Institutions/Organizations.
- To subscribe e-journals and create e-access culture among Scientists/Teachers in National Agricultural Research System (NARS).
- To access the impact of CeRA on the level of research publications measured through NAAS ID and Science Citation Index (SCI).

Homepage of CeRA



Fig. 1: Homepage of Consortium for e-Resources in Agriculture

CeRA, a web portal, specially designed with a motive to improve the quality of Research and Teaching in institutions, under National Agricultural Research System, which are IP authenticated can access CeRA from www.cera.jccc.in.

CeRA accessed can be via

(i) IP authentication

If the access is via IP authentication then you can view the Full Text for a particular article.

(ii) No IP authentication

If the access is not IP authenticated the Username and Password is required and user can view only Abstract for a particular article.

Apart from this the IP authenticated Institutes can also access Admin module by clicking the Admin visible on the right hand side of the Homepage and by entering the Username and Password. It will appear as following:



Fig. 2: Homepage of Admin

News | Usage Stats | Live Help | FAQ | Tutorial

CONSORTIUM FOR e-RESOURCES IN AGRICULTURE

Users | Journal Configuration | ILL | ILL Help Home | Logout

Indian Agricultural Research Institute

List of: Consortium Subscribed Journals Save to: ☐ Excel ☐ CSV ☒ None Listing 1668 Journals

Consortia Subscribed Journals
Library Subscribed Journals
Open Access Journals

List of Consortia Subscribed Journals

Sl.No	Journals	Mode of Subscription	Subscription From	Subscription To
1	Academy of Management Annals	Online	1997	2011
2	Accountability in Research	Online	1997	2011
3	Accounting Business and Financial History	Online	1997	2011
4	Accounting Education	Online	1997	2011
5	Acta Agriculturae Scandinavica, Section A: Animal Science	Online	1997	2011
6	Acta Agriculturae Scandinavica, Section B: Plant Soil Science	Online	1997	2011
7	Acta Agronomica Sinica	Online	1995	2011
8	Acta Biomaterialia	Online	1995	2011
9	Acta Borealia	Online	1997	2011
10	Acta Histochemica	Online	1995	2011
11	Acta Linguistica Hafniensia: International Journal of Linguistics	Online	1997	2011
12	Acta Oecologica	Online	1995	2011
13	Acta Physiologiae Plantarum	Online	1997	2011
14	Activities, Adaptation & Aging	Online	1997	2011
15	Adelphi Series	Online	1997	2011
16	Administration in Social Work	Online	1997	2011

Fig. 3: Accession via Admin

Admin mainly provides the:

- Consortia Subscribed Journals
- Library Subscribed Journals
- Open Access Journals

Searching for Articles

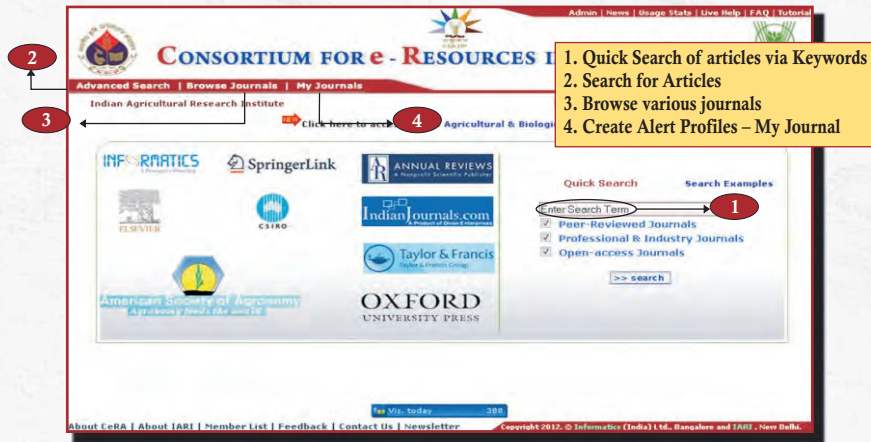


Fig. 4: Various means of searching in CeRA

CeRA can be accessed via :

1. Quick Search: It is used to search articles or journals against the search term entered in all the fields.

2. Advanced Search: It gives more searching options and is specially designed to guide you in creating a useful search.

3. Browse Journals: This helps in Browsing journals (via Title, Subject, Publisher name).

4. My Journals: This help to create an account and receive Alert mails.

1. Quick Search

The screenshot shows the CERA website with the following elements:

- Header:** Consortium for e-Resources in Agriculture (CERA) logo and navigation links (Admin, News, Usage Stats, Live Help, FAQ, Tutorial).
- Navigation:** Advanced Search, Browse Journals, My Journals, Home, Logout.
- Search Interface:** A search bar with the placeholder text "Enter Search Term" and a "Quick Search" button.
- Search Filters:** A list of search filters with checkboxes:
 - ☒ Peer-Reviewed Journals
 - ☒ Professional & Industry Journals
 - ☒ Open-access Journals
- Annotations:**
 - A yellow box on the right says: "Type phrase words in quotes: Tobacco Mosaic Use Boolean Operators AND, OR Tobacco Mosaic AND Plants".
 - A yellow box at the bottom says: "Select or deselect for searching: Peer-Reviewed Journals Professional & Industry Journals Open-access Journals".

Fig. 4.1.1: How to carry out Quick Search

Quick Search can be carried out via Phrases separated by Boolean Operators. For instance we type the phrase **Tobacco Mosaic AND Plants** in the search box and click on the search tab. We can find out the related keywords by using various Boolean operators like AND, OR etc.

The screenshot shows the CERA website interface. At the top, there's a navigation bar with links like 'Admin', 'News', 'Usage Statistics', 'Live Help', 'FAQ', and 'Tutorial'. Below this, a search bar is present with a 'Quick Search - Enter Search Term' button. The search results section shows 'Search Term(s): Tobacco Mosaic and Plants', 'Search Field(s): Title, Abstract, Author, Keyword, Affiliation', and 'Results Matched: 672'. It also indicates 'Period: All Years' and 'Results per page: 10'. The first result is titled 'A Chimeric Satellite Transgene Sequence is Inefficiently Targeted by viroid-induced DNA Methylation in Tobacco'. Callout boxes highlight '672 Articles Found on Tobacco Mosaic AND Plants' and provide instructions to 'Click to view Abstract' and 'Click to view Full text'.

Fig. 4.1.2: Result page for Quick Search

Result page of the keywords searched will be in this format. It contains the total number of results to the corresponding search i.e. number of articles, period i.e. year from which that search has been done till date, number of results per page. Articles can be viewed in the form of Abstract, Full-Text and PDF File .

2. Advanced Search

The screenshot shows the CERA Advanced Search page. The search term "Farming in Mangoes" is entered in the "Search for:" box. The "Search by:" dropdown menu is open, showing options: "All fields", "Title/Keyword/Abstract", "Title Only", "Keyword Only", "Author", "Author Institution", and "Journal Name". The "Limit by" section shows "View 10 results per page." and "Publication Year" set to "From All To All". The "Subject Categories" section is expanded, showing a list of categories with checkboxes: "All", "Agricultural & Biological Sciences", "Arts & Humanities", "Basic Sciences", "Biomedical Sciences", and "Engineering & Technology (JET)".

Annotations:

- Conduct Search on Farming and Plants**: Points to the search box containing "Farming in Mangoes".
- Choose No. of References to display**: Points to the "View 10 results per page." dropdown.
- Choose year range or week updated**: Points to the "Publication Year" section.
- Choose Subject Category**: Points to the "Subject Categories" list.
- Search by:**
 - Title Word
 - Keyword
 - Abstract
 - Author
 - Author Institution

Fig. 4.2.1: How to carry out Advanced Search

Advanced Search can be carried out by writing the topic to be searched in Search for box. For e.g. *Farming in Mangoes*. The search can be done in various fields via Title only, Keyword only, etc which can be selected from the various options available. Apart from this No. of References can also be chosen e.g. 10 in this case. Various subject options are also available.

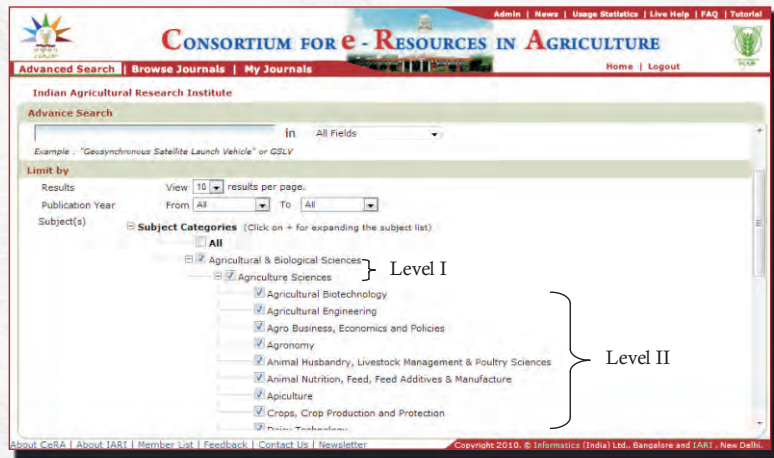


Fig. 4.2.2: Expansion of Subject Category to various levels in Advanced Searching

Advanced search can be done more precisely by selecting the subject category of user's interest at various levels being level I be the basic level which has sub-level (Level II).

4 Articles found in
Farming in Mangoes

The screenshot displays the CERA website interface. At the top, there's a navigation bar with links like 'Admin', 'News', 'Usage Statistics', 'Live Help', 'FAQ', and 'Tutorial'. Below this is a search bar with 'Quick Search - Enter Search Term' and a search button. The search results are for the term 'Farming in Mangoes'. A callout box on the left states '4 Articles found in Farming in Mangoes'. The results list four articles, each with fields for Author(s), Source, Keyword(s), and Abstract. A callout box on the right points to the 'Request the Article' link for the second article, 'Evaluation of Alternatives to Copper Oxichloride for the Control of Bacterial Black Spot and Post Harvest Diseases in Mango'. Below the results, there are two callout boxes: 'Click to view' pointing to the 'Abstract' link of the first article, and 'Click to view Full Text' pointing to the 'Full-Text Online' link of the third article.

Admin | News | Usage Statistics | Live Help | FAQ | Tutorial

CONSORTIUM FOR e-RESOURCES IN AGRICULTURE

Advanced Search | Browse Journals | My Journals

Home | Logout

Indian Agricultural Research Institute

Quick Search - Enter Search Term

Search Term(s) : Farming in Mangoes

Search Field(s) : Title, Abstract, Author, Keyword, Affiliation

Results Matched : 4

Subject(s) : All Subjects

Results per page : 10

Page 1 of 1

Mark All

Preview/Print/Full

1. High Density Plantation in Marginal Soils and Processing of Mango

Author(s) : B. Krishna; A. N. Kale; A. V. Dhake; S. S. Deshpande; V. R. Baisubrahmanyam

Source : Acta Horticulturae, No.820 - April 2009

Keyword(s) : Mangifera indica; Organic Farming

Abstract

Request the Article

2. Evaluation of Alternatives to Copper Oxichloride for the Control of Bacterial Black Spot and Post Harvest Diseases in Mango

Author(s) : A. Willis

Source : Acta Horticulturae, No.820 - April 2009

Keyword(s) : mango; bacterial black spot; Mangifera indica; Xanthomonas campestris pv. mangiferae-indurata

Abstract

Request the Article

3. Contributions of Agroforestry Research and Development to Livelihood of Smallholder Farmers in Southern Africa: 2. Fruit, Medicinal, Fuelwood and Fodder Tree Systems

Author(s) : F. K. Akinlolu; G. S. Akin; O. C. Ajayi; P. W. Chirwa; F. B. Kwestiga; R. Harawa

Source : Agricultural Journal, Vol.3 No.1 - April 2008 [Page 78-89]

Keyword(s) : Agroforestry; Fruit Trees; Ziziphus mauritiana; Vegetative Propagation; Technological Options

Abstract

Full-Text Online

4. A Quantitative Determination of the Food Security Status of Rural Farming Households in the Northern Province of South Africa

Author(s) : J. F. J. Leroy; J. van Rooyen; Luc D'Haese; Anne-Marie de Winter

Source : Development Southern Africa, Vol.18 No.1 - March 2001 [Page 5-17]

Keyword(s) : Food Security; South Africa; South Africans; Rural Areas; Cash Crops; Subtropical Fruits; Protein; Vegetables

Click to view

Click to view Full Text

Fig. 4.2.3: Result Page of Advanced Search

The result page contains various journals. Each journal has abstract and the content is available in Full Text form or as a PDF file.



Indian Agricultural Research Institute

Abstract

Organic Farming in Isolated Landscapes does not Benefit flower-visiting Insects and Pollination

Reprint Author E-mail : claire.brittain@uni-leuphana.de

Authors : Claire Brittain; Riccardo Bommarco; Marco Vighi; Josef Settele; Simon G. Potts

Source : Biological Conservation Vol.: 143, No.: 8, August 2010 [Page 1860-1867]

KeyWord(s) : Agriculture; Bee; Biodiversity; Ecosystem service; Insecticide; Pollinator

Abstract

Organic farming has often been found to provide benefits for biodiversity, but the benefits can depend on the species considered and characteristics of the surrounding landscape. In an intensively farmed area of Northeast Italy we investigated whether isolated organic farms, in a conventionally farmed landscape, provided local benefits for insect pollinators and pollination services. We quantified the relative effects of local management (i.e. the farm system), landscape management (proportion of surrounding uncultivated land) and interactions between them. We compared six organic and six conventional vine fields. The proportion of surrounding uncultivated land was calculated for each site at radii of 200, 500, 1000 and 2000 m. The organic fields did not differ from the conventional in their floral resources or proportion of surrounding uncultivated land. Data were collected on pollinator abundance and species richness, visitation rates to, and pollination of experimental potted plants. None of these factors were significantly affected by the farming system. The abundance of visits to the potted plants in the conventional fields tended to be negatively affected by the proportion of surrounding uncultivated land. The proportion fruit set, weight of seeds per plant and seed weight in conventional and organic fields were all negatively affected by the proportion of surrounding uncultivated land. In vine fields the impact of the surrounding landscape was stronger than the local management. Enhancement of biodiversity through organic farming should not be assumed to be ubiquitous, as potential benefits may be offset by the crop type, organic-management practices and the specific habitat requirements in the surrounding landscape.

[Full-Text Online](#)

Fig. 4.2.4: To view the Full Abstract

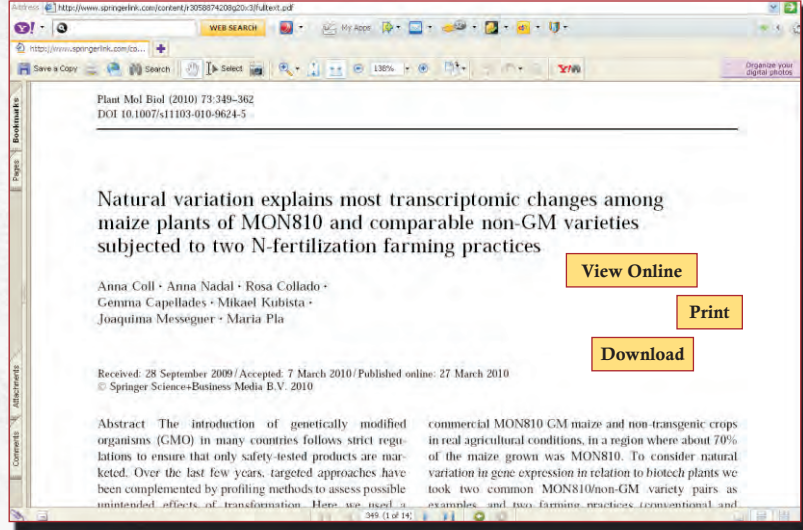


Fig. 4.2.5: To view the PDF File

3. Browse Journals

The screenshot shows the CERA website interface. At the top, there is a navigation bar with links: Admin | News | Usage Stats | Live Help | FAQ | Tutorial. Below this, the main header features the CERA logo, the text 'CONSORTIUM FOR e-RESOURCES IN AGRICULTURE', and the ICAR logo. A secondary navigation bar includes 'Advanced Search', 'Browse Journals', and 'My Journals'. The 'Browse Journals' option is highlighted with a red circle. Below this, a dropdown menu is visible with options: 'By Title', 'By Subject', 'By Publisher', and 'Latest Updates'. The main content area displays logos for various publishers: Taylor & Francis, IndianJournals.com, SpringerLink, and ANNUAL REVIEWS. A diagram on the right side of the screenshot illustrates the browsing categories: 'Title', 'Subject', 'Publisher', and 'Latest Updates', all pointing to a central oval labeled 'Browse Journals'.

Various Journals can be browsed from the Browse Journals option via:

- Title
- Subject
- Publisher's Name
- Latest Updates of various Journals

Fig. 4.3.1: Browsing Journals

Browsing Journals via Title gives the list of all the title in alphabetical order, which on further click gives the Journals under that Title. The access type is also directed where

FT: Full-Text

RA: Request the Article

AL: Available in your Library

The screenshot shows the CERA website interface. At the top, there is a navigation bar with links: Admin | News | Usage Statistics | Live Help | FAQ | Tutorial. Below this is a red banner with the text 'CONSORTIUM FOR e-RESOURCES IN AGRICULTURE'. Under the banner, there are links: Advanced Search | Browse Journals | My Journals. On the right, there are links: Home | Logout. Below the banner, there is a section for 'Indian Agricultural Research Institute' with checkboxes for 'Peer-Reviewed Jnl's', 'Professional & Industry Jnl's', and 'Open-Access Jnl's'. A search bar is present with the text 'Quick Search - Enter Search Term'. Below the search bar, there is a list of journals under the heading 'Browse Journals >> By Title'. The list is organized into columns: No., Journal Title, Access Type, and Journal Type. The journals listed are: 1. Accountability in Research (FT), 2. Accounting Business and Financial History (FT), 3. Accounting Education (FT), 4. ACM Transactions on Mathematical Software (RA), 5. Acta Adriatica (FT), 6. Acta Agriculturae Scandinavica, Section A: Animal Science (FT), 7. Acta Agriculturae Scandinavica, Section B: Plant Soil Science (FT), 8. Acta Agronomica Sinica (FT), 9. Acta Amazonica (FT), 10. Acta Biochimica et Biophysica Sinica (RA), 11. Acta Biomaterialia (FT), 12. Acta Biotheoretica (RA), 13. Acta Borealia (FT), 14. Acta Botanica Brasiliica (FT), 15. Acta Histochemica (FT), 16. Acta Horticulturae (RA), 17. Acta Ichthyologica et Piscatoria (FT), 18. Acta Mechanica Solida Sinica (FT), 19. Acta Oecologica (FT), 20. Acta Pathologica, Microbiologica Et Immunologica Scandinavica (RA). The footer of the page contains the text: Copyright 2010. © Informatica (India) Ltd., Bangalore and IARI, New Delhi.

Fig. 4.3.2: Browsing by Title


The screenshot shows the CERA website interface. At the top, there is a navigation bar with links: Admin | News | Usage Statistics | Live Help | FAQ | Tutorial. Below this is the header "CONSORTIUM FOR e-RESOURCES IN AGRICULTURE" and a sub-header "Indian Agricultural Research Institute". A search bar is present with the text "Quick Search - Enter Search Term" and a submit button. Below the search bar, there is a list of journals starting with "G". The table has columns: No., Journal Title, Access Type, and Journal Type. The "Access Type" column contains codes: RA, FT, AL, and Peer-reviewed. Annotations with arrows point to these codes: "Full text" points to FT, "Available in your Library" points to AL, and "Requesting the Article" points to RA.


No.	Journal Title	Access Type	Journal Type
1	Gemini	FT	
2	Gender, Technology and Development	RA	
3	Gene	FT	Full text
4	Gene Conserve	FT	
5	Gene Expression Patterns	FT	Peer-reviewed
6	Gene Therapy	RA	Peer-reviewed
7	General and Comparative Endocrinology	FT	Peer-reviewed
8	Genes & Genetic Systems	FT	Peer-reviewed
9	Genetic Resources and Crop Evolution	FT	Peer-reviewed
10	Genetica	FT	Peer-reviewed
11	Genetics	AL	Available in your Library
12	Genetics and Molecular Biology	FT	Peer-reviewed
13	Genetics Research	AL	Peer-reviewed
14	Genetics Selection Evolution	FT	Peer-reviewed
15	GENEVA Risk and Insurance Review	RA	Peer-reviewed
16	Genome	AL	Peer-reviewed
17	Genomics	FT	Peer-reviewed
18	Genomics, Proteomics & Bioinformatics	FT	
19	Geobios	AL	Peer-reviewed
20	Geocarto International	RA	Requesting the Article

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Fig. 4.3.3(a): Requesting the Article

In case the journals are not available in your library then article can be requested to particular institute in which that is available by filling and sending the form to the institutes having that article.





CONSORTIUM FOR e-RESOURCES IN AGRICULTURE

Indian Agricultural Research Institute


Fields Marked * are Mandatory


Document Delivery Request

From *	<input type="text" value="gitanjali@yahoo.com"/>	Enter your email ID.
To	<input type="text" value="Sher-E-Kashmir Univ of Agricultural Sciences & Technology of Kashmir"/>	
CC	<input type="text" value="Indian Agricultural Research Institute"/>	
Sub	<input type="text" value="Request for Photocopy"/>	
Title	<input type="text" value="High Density Plantation in Marginal Soils and Processing of Mango"/>	
Authors	<input type="text" value="B. Krishna; A.N. Kale; A.V. Dhake; S.S. Deshpande; V.R. Balsubrahmanyam"/>	
Journal	<input type="text" value="Acta Horticulturae"/>	
	Vol	Iss Year Page
	<input type="text" value="820"/>	<input type="text" value="2009"/>
Name *	<input type="text" value="Gitanjali"/>	
Designation	<input type="text" value="Faculty/Staff/Research Scholar"/>	
Department*	<input type="text" value="Bioinformatics"/>	
Article Delivery	<p style="color: purple; font-size: small;">Requested article will be delivered to</p> <p style="color: purple; font-size: small;">INDIAN AGRICULTURAL RESEARCH INSTITUTE</p> <p style="color: purple; font-size: small;">If you wish it to be delivered to another institute, Please</p> <input type="text" value="Select"/>	
Phone	<input type="text"/>	
Comments	<input style="height: 40px;" type="text"/>	


About CeRA | About IARI | Member List | Feedback | Contact Us | Newsletter
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Fig. 4.3.3(b): Form containing page for Requesting the Article





CONSORTIUM FOR e-RESOURCES IN AGRICULTURE



Indian Agricultural Research Institute

Table of Contents
Genetics Research
Peer-reviewed Journal
 Published by : **Cambridge University Press**

Admin | News | Usage Stats | Live Help | FAQ | Tutorial

Current Issue : Vol. 93, No. 1, Feb, 31 2011
Archives

1. Genetic Structure and long-distance Dispersal in Populations of the Wingless Pest Springtail, *Sminthurus viridis* (Collembola: Sminthuridae)

Reprint Author E-mail : j.roberts3@pgrad.unimelb.edu.au

Authors : John M. K. Roberts ; Andrew R. Weeks

Affiliation : Department of Genetics, Centre for Environmental Stress and Adaptation Research, The University of Melbourne, Parkville, Victoria 3010, Australia

[Abstract](#)
[Visit Your Library](#)

Visit your Library for Full Text

2. Occurrence of a Short Variant of the Tol2 Transposable Element in Natural Populations of the Medaka Fish

Reprint Author E-mail : koga@pri.kyoto-u.ac.jp

Authors : Akihiko Koga ; Shin Sasaki; Kiyoshi Naruse; Atsuko Shimada; Mitsuru Sakaizumi

Affiliation : Graduate School of Frontier Sciences, University of Tokyo, Kashiwa 277-0882, Japan

[Abstract](#)
[Visit Your Library](#)
Page No. : 13-21

3. Estimating the Correlation of non-allele Descents along Chromosomes

Reprint Author E-mail : zhiquan@ualberta.ca

Authors : XIN-SHENG HU

Affiliation : Department of Agricultural, Food and Nutritional Sciences, University of Alberta, Edmonton, AB T6J 2P5, Canada

[Abstract](#)
[Visit Your Library](#)
Page No. : 23-32

Fig. 4.3.4: Articles which are available in your Library

[Admin](#) | [News](#) | [Usage Stats](#) | [Live Help](#) | [FAQ](#) | [Tutorial](#)



CONSORTIUM FOR e-RESOURCES IN AGRICULTURE





Indian Agricultural Research Institute

Table of Contents
BioControl
Peer-reviewed Journal

Published by : *International Organisation for Biological Control*

Current Issue : Vol. 56, No. 1, Feb, 2011

[Archives](#)

1. Diversity of Agromyzidae and Associated Hymenopteran Parasitoid Species in the Afrotropical Region: Implications for Biological Control

Reprint Author E-mail : achabi@icipe.org → User can directly mail the author

Authors : Robert Musundire ; Adeninn Chabi-Olaye; Bernhard Lohr; Kerstin Kruger

Affiliation : International Centre of Insect Physiology and Ecology (icipe) P. O. Box 30772 00100 Nairobi Kenya

Keywords : Diversity; Agromyzidae; Hymenoptera parasitoids; Afrotropical region

[Abstract](#)

[Full-Text Online](#)

Page No. : 1-9

2. Differential Resistance of Oilseed Rape Cultivars (*Brassica napus* Ssp. *oleifera*) to *Verticillium longisporum* Infection is Affected by Rhizosphere Colonisation with Antagonistic Bacteria, *Serratia plymuthica* and *Pseudomonas chlororaphis*

Reprint Author E-mail : ehlers@biotec.uni-kiel.de

Authors : Ruba Abuamsha ; Mazen Salman; Ralf-Udo Ehlers

Affiliation : Department of Biotechnology and Biological Control, Institute for Phytopathology Christian Albrechts University Hermann-Rodewald Str. 9 24118 Kiel Germany

Keywords : Oilseed rape; *Verticillium longisporum*; Seed priming; Antagonistic bacteria; Root colonization; Growth promotion; Resistance

[Abstract](#)

[Full-Text Online](#)

Page No. : 101-112

Fig. 4.3.5: Directly mailing the author of article

78 Journals containing the word "Plant"

Search within the list of 2000 Journals to list Journals on Plant as Title word

Click to view Table of Content of this Journal

Indian Agricultural Research Institute

Peer-Reviewed Jmils Professional B. Industry J

Quick Search - Enter Search Term

Listing 1 to 50 of 78 Journals containing "Plant". Legend: RA->Request Article, FT->Full-Text, AL->Available in your Library

No.	Journal Title	Access Type	Journal Type
1	Acta Agriculturae Scandinavica, Section B: Plant Soil Science	FT	Peer-reviewed
2	Acta Physiologiae Plantarum	FT	Peer-reviewed
3	American Journal of Plant Physiology	FT	Peer-reviewed
4	Annals of Plant Protection Sciences	AL,FT	Peer-reviewed
5	Annual Review of Plant Biology	AL,FT	Peer-reviewed
6	Archives of Phytopathology and Plant Protection	FT	Peer-reviewed
7	Asian Journal of Plant Pathology	FT	Peer-reviewed
8	Australasian Plant Disease Notes	FT	Peer-reviewed
9	Australasian Plant Pathology	FT	Peer-reviewed
10	Australian Plants Online	FT	Peer-reviewed
11	Better Crops with Plant Food	FT	Peer-reviewed
12	Biologia Plantarum	FT	Peer-reviewed
13	Brazilian Journal of Plant Physiology	FT	Peer-reviewed
14	Canadian Journal of Plant Science	PA	Peer-reviewed
15	Canadian Plant Disease Survey	FT	Peer-reviewed
16	Communications in Soil Science and Plant Analysis	FT	Peer-reviewed
17	Critical Reviews in Plant Sciences	FT	Peer-reviewed
18	Current Opinion in Plant Biology	FT	Peer-reviewed
19	European Journal of Plant Pathology	FT	Peer-reviewed
20	Fiera: Morphology, Distribution, Functional Ecology of Plants	FT	Peer-reviewed

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Fig. 4.3.6: Filtering the Journals containing the keyword Plant

Journals can be filtered out by using various keywords in the box of find journals. For e.g. Journal Title containing the word Plant can be searched from the available list of journals.

Admin | News | Usage Stats | Live Help | FAQ | Tutorial

 **CONSORTIUM FOR e-RESOURCES IN AGRICULTURE** 

Indian Agricultural Research Institute

Table of Contents
Annual Review of Plant Biology
Peer-reviewed Journal
Published by Annual Reviews Inc.

Current Issue : Vol. 61, Jun, 2 2010

[Archives](#)

1. A Wandering Pathway in Plant Biology: From Wildflowers to Phototropins to Bacterial Virulence
 Reprint Author E-mail : briggs@stanford.edu
 Authors : Winslow R. Briggs
 Affiliation : Department of Plant Biology, Carnegie Institution for Science, Stanford, California 94305;
[Abstract](#) [Full-Text Online](#) Page No. : 1-20

2. Doomed Lovers: Mechanisms of Isolation and Incompatibility in Plants
 Reprint Author E-mail : kbombles@oeb.harvard.edu
 Authors : Kirsten Bombles
 Affiliation : Department of Organismic and Evolutionary Biology, Harvard University, Cambridge, Massachusetts 02138;
[Abstract](#) [Full-Text Online](#) Page No. : 109-124

3. Chloroplast RNA Metabolism
 Reprint Author E-mail : ds28@cornell.edu
 Authors : David B. Stern ; Michel Goldschmidt-Clermont; Maureen R. Hanson
 Affiliation : Boyce Thompson Institute for Plant Research, Ithaca, New York 14853;
[Abstract](#) [Full-Text Online](#) Page No. : 125-155

4. Protein Transport into Chloroplasts
 Reprint Author E-mail : ccchu@gate.sinica.edu.tw

View Latest Issues

Click to view
Back Issues

Fig. 4.3.7: Finding the Journals

CONSORTIUM FOR e-RESOURCES IN AGRICULTURE

Admin | News | Usage Stats | Live Help | FAQ | Tutorial

Acta Agriculturae Scandinavica, Section B: Plant Soil Science
Published by : Nordic Association of Agricultural Scientists

ARCHIVE DETAILS

2010	2009	2008	2007	2006	2005	2004	2003	2002	2001
2000	1999	1998	1997						

Issue List - 2009

Vol. 59 No. 01, Jan	Vol. 59 No. 02, Mar	Vol. 59 No. 03, May
Vol. 59 No. 04, Jul	Vol. 59 No. 05, Sep	Vol. 59 No. 06, Nov

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Fig. 4.3.8: Browsing of Table of Content

It provides the article of various years of particular volumes.

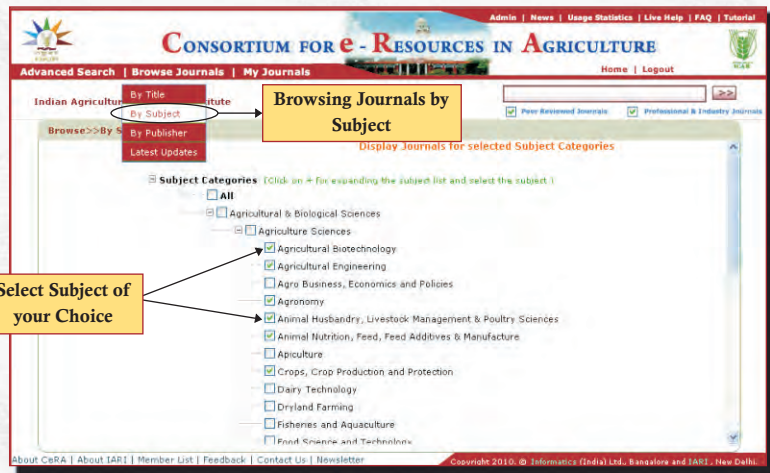


Fig. 4.3.9 (a): Browsing via Subject

It helps in searching the articles of various subjects and we can choose the subject of interest by clicking the check boxes.

Admin | News | Usage Statistics | Live Help | FAQ | Tutorial

CONSORTIUM FOR e-RESOURCES IN AGRICULTURE

Advanced Search | Browse Journals | My Journals

Indian Agricultural Research Institute

Peer-Reviewed Jnlis Professional & Industry Jnlis Open-Access Jnlis

Quick Search - Enter Search Term

All 0 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

Selected Subject(s): **Agricultural Biotechnology**; (Display Selected Subjects)

Viewing Page 1 of 10

Legends: RA->Request Article, FT->Full-Text, AL->Available in your Library

Total Journals found: 466

Browse Journals>>By Subject

No.	Journal Title	Access Type	Journal Type
1	Acta Agriculturae Scandinavica, Section A: Animal Science	FT	Peer-reviewed
2	Acta Agriculturae Scandinavica, Section B: Plant Soil Science	FT	Peer-reviewed
3	Acta Agronomica Sinica	FT	
4	Acta Amazonica	FT	
5	Acta Botanica Brasiliica	FT	Peer-reviewed
6	Acta Horticulturae	RA	
7	Acta Veterinaria Scandinavica	FT	Peer-reviewed
8	Actinomycetologica	FT	
9	African Crop Science Journal	FT	Peer-reviewed
10	African Journal of Agricultural Research	FT	Peer-reviewed
11	African Journal of Biotechnology	FT	Peer-reviewed
12	African Journal of Microbiology Research	FT	Peer-reviewed
13	African Population Studies	FT	Peer-reviewed
14	Agraarteadus	FT	Peer-reviewed
15	Agri-Briefs	FT	
16	Agriculturae Conspectus Scientificus	FT	
17	Agricultural and Forest Meteorology	FT	Peer-reviewed
18	Agricultural Economics	AL	Peer-reviewed
19	Agricultural Engineering International: CIGR Ejournal	FT	
20	Agricultural Engineering Today	RA	
21	Agricultural Journal	FT	
22	Agricultural Outlook	FT	
23	Agricultural Research Magazine	FT	
24	Agricultural Reviews	AL,FT	

Select the journal to
view TOC page

466 in Agriculture
Biotechnology, etc

Fig. 4.3.9 (b) Result page showing various journals relevant to subject selected

The screenshot shows the CERA website interface. At the top, there is a navigation bar with links: Admin, News, Usage Statistics, Live Help, FAQ, Tutorial. Below this is a header with the CERA logo and the text 'CONSORTIUM FOR e-RESOURCES IN AGRICULTURE'. A secondary navigation bar includes 'Advanced Search', 'Browse Journals', and 'My Journals'. A 'Home | Logout' link is also present. Below the navigation bar is a search bar with a dropdown menu showing 'Annual Reviews' selected. A callout box labeled 'Choose a Publisher' points to this dropdown. To the right of the search bar, a callout box labeled 'View Journals from Annual Reviews' points to a table of journals. The table has columns: No., Journal Title, Access Type, and Journal Type. It lists 11 journals, all of which are 'Annual Review of' followed by a subject area. The 'Access Type' column shows 'FT' for some and 'AL/FT' for others. The 'Journal Type' column shows 'Peer-reviewed' for all. A legend above the table explains the access types: RA->Request Article, FT->Full-Text, AL->Available in your Library. At the bottom of the page, there is a footer with links: About CERA, About IARI, Member List, Admin, Feedback, Journals List, Contact Us, and a link to 'Experiencing any problem?'. The footer also includes a copyright notice: 'Copyright 2010. © Informatica (India) Ltd., Bangalore and IARI, New Delhi.'.

Admin | News | Usage Statistics | Live Help | FAQ | Tutorial

CONSORTIUM FOR e-RESOURCES IN AGRICULTURE

Advanced Search | Browse Journals | My Journals Home | Logout

23 Journals of 'Annual Reviews Inc'

Legends: RA->Request Article, FT->Full-Text, AL->Available in your Library

Find Publisher

Annual Reviews

Choose a Publisher

View Journals from Annual Reviews

No.	Journal Title	Access Type	Journal Type
1	Annual Review of Analytical Chemistry	FT	
2	Annual Review of Biochemistry	AL/FT	Peer-reviewed
3	Annual Review of Biomedical Engineering	FT	Peer-reviewed
4	Annual Review of Biophysics	FT	Peer-reviewed
5	Annual Review of Cell and Developmental Biology	AL/FT	Peer-reviewed
6	Annual Review of Clinical Psychology	FT	Peer-reviewed
7	Annual Review of Ecology, Evolution, and Systematics	AL/FT	Peer-reviewed
8	Annual Review of Entomology	AL/FT	Peer-reviewed
9	Annual Review of Genetics	AL/FT	Peer-reviewed
10	Annual Review of Genomics and Human Genetics	FT	Peer-reviewed
11	Annual Review of Immunology	AL/FT	Peer-reviewed

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Fig. 4.3.9 (c): Browsing via Publisher

Articles of various subjects of a particular publisher can be searched by simply writing the name of publisher in the search box

4. My Journals

Admin | News | Usage Statistics | Live Help | FAQ | Tutorial

CONSORTIUM FOR e-RESOURCES IN AGRICULTURE

Advanced Search | Browse Journals | **My Journals** | Home | Logout

Indian Agricultural Research Institute

☒ Peer-Reviewed Jnlz ☒ Professional & Industry Jnlz ☒ Open-Access Jnlz

Quick Search - Enter Search Term

MyJournals Login Page

New User? Register Now

Registered User? Login Name Password Login

☐ Remember my LoginName/Password

[Forgot your ID or password?](#)

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Fig. 4.4.1: My Journal – Homepage

Using my journal, user can create account and can carry out the search according to the requirement

Admin | News | Usage Statistics | Live Help | FAQ | Tutorial

CONSORTIUM FOR e - RESOURCES IN AGRICULTURE

Advanced Search | Browse Journals | My Journals Home | Logout

Indian Agricultural Research Institute

☒ Peer-Reviewed Jnls ☒ Professional & Industry Jnls ☒ Open-Access Jnls

Quick Search - Enter Search Term

MyJournals -- New Registration

New User Register once

Save to CreateProfile

Get your personal User ID and Password

All fields are mandatory

First Name/Initial pradeep

Last Name khumar

Department/Center S&M

Email ID pradeepgk@informindia.co.in Type your Email ID to get mail notification

Login Name pradeep

Password

Confirm Password

To Register click Save

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Fig. 4.4.2: My Journal (Registration Page)

Admin | News | Usage Statistics | Live Help | FAQ | Tutorial

Home | Logout

Advanced Search | Browse Journals | **My Journals**

Indian Agricultural Research Institute

☒ Peer-Reviewed Jrnls ☒ Professional & Industry Jrnls ☒ Open-Access Jrnls

Quick Search - Enter Search Term

MyJournals -- Create Profile

[Add journals](#) [View Profile\(s\)](#) [Exit MyJournals](#)

Profile Name: Science
You can add Maximum of 25 Journals

User can give the profile name and can add journals to the profile by 'By Title' or 'By Subject'

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Fig. 4.4.3: To Create User Profile



Fig. 4.4.4: Adding Journals (i) By Title (ii) By Subject

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CONSORTIUM FOR e - RESOURCES IN AGRICULTURE

Advanced Search | Browse Journals | **My Journals** Home | Logout

Indian Agricultural Research Institute

☒ Peer-Reviewed Jnrls ☒ Professional & Industry Jnrls ☒ Open-Access Jnrls

Quick Search - Enter Search Term

All

Total Results: 318 Journals

Find Journals Starting with

62	<input type="checkbox"/>	Agribusiness
63	<input type="checkbox"/>	Agriculturae Conspectus Scientificus
64	<input type="checkbox"/>	Agricultural and Forest Meteorology
65	<input type="checkbox"/>	Agricultural Economics
66	<input type="checkbox"/>	Agricultural Economics Research Review
67	<input type="checkbox"/>	Agricultural Engineering International: CIGR Ejournal
68	<input type="checkbox"/>	Agricultural Engineering Today
69	<input checked="" type="checkbox"/>	Agricultural Journal
70	<input type="checkbox"/>	Agricultural Outlook
71	<input type="checkbox"/>	Agricultural Research Magazine
72	<input type="checkbox"/>	Agricultural Reviews
73	<input checked="" type="checkbox"/>	Agricultural Science Digest
74	<input type="checkbox"/>	Agricultural Sciences in China
75	<input type="checkbox"/>	Agricultural Systems
76	<input type="checkbox"/>	Agricultural Water Management
77	<input type="checkbox"/>	Agriculture, Ecosystems and Environment
78	<input type="checkbox"/>	AgriMarketing
79	<input type="checkbox"/>	

Click the check boxes of various journals to be added in My Journals

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Fig. 4.4.5: Selection of Journals to be added in My Journal Profile

The screenshot shows the CERA website interface. At the top, there is a header with the CERA logo and navigation links: Admin, News, Usage Statistics, Live Help, FAQ, Tutorial. Below this is a sub-header with Advanced Search, Browse Journals, and My Journals. The main content area displays the 'My Journals' profile, which includes a 'Save' button, a 'Delete' button, an 'Add journals' button, a 'View Profile(s)' button, and an 'Exit MyJournals' button. A yellow callout box with the text 'Save the selected Journals' points to the 'Save' button. The profile shows a 'Profile Name: Science' and a 'Journals Selected' count of 4. A list of journals is displayed below, including 'Agricultural Journal', 'Agricultural Science Digest', 'Agronomy Research', and 'Bioinformatics'. A note indicates that a maximum of 25 journals can be added.

Consortium for e-Resources in Agriculture

Admin | News | Usage Statistics | Live Help | FAQ | Tutorial

Advanced Search | Browse Journals | My Journals

Home | Logout

Indian Agricultural Research Institute

☒ Peer-Reviewed Jnrls ☒ Professional & Industry Jnrls ☒ Open-Access Jnrls

Quick Search - Enter Search Term

MyJournals -- Edit Profile

Save Delete Add journals View Profile(s) Exit MyJournals

Profile Name: Science 4 Journals Selected

You can add Maximum of 25 Journals

- 1 Agricultural Journal
- 2 Agricultural Science Digest
- 3 Agronomy Research
- 4 Bioinformatics

Fig. 4.4.6: Saving the selected Journals in User's Profile

Any information related to these journals will be given by mail alerts to the user.



The screenshot displays the CERA website interface. At the top, there is a navigation bar with links: Admin | News | Usage Statistics | Live Help | FAQ | Tutorial. Below this, the main header features the CERA logo on the left, the title 'CONSORTIUM FOR e-RESOURCES IN AGRICULTURE' in the center, and a 'Home | Logout' link on the right. A secondary navigation bar includes 'Advanced Search | Browse Journals | My Journals'. The 'My Journals' section shows the user's profile for the 'Indian Agricultural Research Institute'. It includes checkboxes for 'Peer-Reviewed Jnls', 'Professional & Industry Jnls', and 'Open-Access Jnls', all of which are checked. A search bar is present with the text 'Quick Search - Enter Search Term' and a submit button. Below the search bar, a table titled 'MyJournals -- View Profile' displays the user's profile information. The table has columns for 'S.No', 'Profile Name(s)', and 'View Edit Delete'. A single profile is listed with 'S.No' 1 and 'Profile Name(s)' 'Science'. The 'View Edit Delete' link is visible for this profile.

Admin | News | Usage Statistics | Live Help | FAQ | Tutorial

CONSORTIUM FOR e-RESOURCES IN AGRICULTURE

Home | Logout

Advanced Search | Browse Journals | My Journals

Indian Agricultural Research Institute

☒ Peer-Reviewed Jnls ☒ Professional & Industry Jnls ☒ Open-Access Jnls

Quick Search - Enter Search Term

MyJournals -- View Profile

LoginName: xxx yyy
Department: IARI

MyJournals Home Exit MyJournals

S.No	Profile Name(s)	View Edit Delete
1	Science	View Edit Delete

Fig. 4.4.7: View of Profile created

A particular user can create at the max 5 profiles. In each profile, maximum 25 journals can be added.

New Features

The screenshot displays the CeRA website interface. At the top, a navigation bar includes links for Admin, News, Usage Stats, Live Help, FAQ, and Tutorial. A callout box points to the 'News' link, stating: "News provides the latest updates of the CeRA". Below the navigation bar, the main header features the CeRA logo and the text "CONSORTIUM FOR e-RESOURCES IN AGRICULTURE". A secondary navigation bar contains links for Advanced Search, Browse Journals, My Journals, Home, and Logout. The main content area includes a section for "Indian Agricultural Research Institute" with a "Download J-Gate Toolbar" link and a "click here for Help" link. A "Click here to access J-Gate Agricultural & Biological Sciences" link is also present. The central area displays logos for various partners: Informatics, SpringerLink, Annual Reviews, IndianJournals.com, Taylor & Francis, American Society of Agronomy, and Oxford University Press. A "Quick Search" section on the right includes a search input field, a "Search Examples" link, and a list of search filters: Peer-Reviewed Journals, Professional & Industry Journals, and Open-access Journals. A "search" button is located below the filters. At the bottom, a status bar shows "Vis. today 388" and a footer with links for About CeRA, About IARI, Member List, Feedback, Contact Us, and Newsletter, along with the copyright notice: "Copyright 2012. © Informatics (India) Ltd., Bangalore and IARI, New Delhi."

Fig. 5.1: New Features (News)






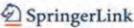



Admin | News | **Usage Stats** | Live Help | Feedback

CONSORTIUM FOR e-RESOURCES IN AGRICULTURE

Advanced Search | Browse Journals | My Journals Home | Logout

Indian Agricultural Research Institute [Download J-Gate Toolbar](#) [click here for Help](#)

[Click here to access J-Gate Agricultural & Biological Sciences](#)



Quick Search Search Examples

Enter Search Term

☒ Peer-Reviewed Journals

☒ Professional & Industry Journals

☒ Open-access Journals

[>> search](#)

Vis. today 388

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Usage Stats gives the value of the number of times publishers, journals have been accessed during a particular time period

Fig. 5.2: New Features (Usage Stats)

Admin | News | Usage Stats | **Live Help** | FAQ | Tutorial

CONSORTIUM FOR e-RESOURCES IN AGRICULTURE

Advanced Search | Browse Journals | My Journals

Home | Logout

Indian Agricultural Research Institute

Download J-Gate Toolbar [click here for Help](#)

Click here to access J-Gate Agricultural & Biological Sciences

Quick Search Search Examples

Enter Search Term

☒ Peer-Reviewed Journals

☒ Professional & Industry Journals

☒ Open-access Journals

>> search

Vis. today 388

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Live Help is an approach of solving users query as soon as possible.

Fig. 5.3 (a): New Features (Live Help)

INFORMATICS
INFORMATION TECHNOLOGY

Support Chat

Thanks for contacting us! To better serve you, please fill out the short form below and click the Start Chat button in the lower right.

Name: *

Email: *

Phone: *

(* - indicates required field)


 **Start Chat**

Fig. 5.3 (b): Queries can be solved with the help of Live Chat

Admin | News | Usage Stats | Live Help | **FAQ** | Tutorial

CONSORTIUM FOR e-RESOURCES IN AGRICULTURE

Advanced Search | Browse Journals | My Journals Home | Logout

Indian Agricultural Research Institute Download J-Gate Toolbar click here for Help

Click here to access J-Gate Agricultural & Biological Sciences

INFORMATICS A Pioneer in e-Journaling

SpringerLink

ANNUAL REVIEWS A Nonprofit Scientific Publisher

IndianJournals.com A Product of Open Enterprises

Taylor & Francis Taylor & Francis Group

OXFORD UNIVERSITY PRESS

ELSEVIER

CSIRO

American Society of Agronomy Agronomy feeds the world

Quick Search Search Examples

Enter Search Term

☒ Peer-Reviewed Journals

☒ Professional & Industry Journals

☒ Open-access Journals

>> search

Vis. today 388

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FAQ gives the frequently asked questions

Fig. 5.4 (a): New Features Frequently Asked Questions (FAQ)



CONSORTIUM FOR e-RESOURCES IN AGRICULTURE



Indian Agricultural Research Institute

FAQ

FAQ

1. What is CeRA?
2. What is the procedure to access the CeRA Site?
3. Which are the Publishers included in CeRA?
4. What are the journals available in CeRA?
5. Explain 'Admin' ?
6. What is 'Request the Article' (RA) ?
7. Why CeRA is not accessible outside the campus or at home?
8. How to become a member of CeRA?
9. Can you conduct a workshop in our institute?
10. Know more details about subscription information?

What is CeRA?

Consortium for e-Resources in Agriculture (CeRA) has been established under the NAIP for providing online access to e-journals and resources in over 120 ICAR libraries. Objective is to expand the existing R & D information resource base of ICAR Institutions/Universities, etc., comparable to world leading institutions/organizations, and nucleate e-access culture among scientists/teachers in ICAR Institutes / Agricultural Universities.

[Top]

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Fig. 5.4 (b): FAQ section

Admin | News | Usage Stats | Live Help | FAQ | **Tutorial**

CONSORTIUM FOR e-RESOURCES IN AGRICULTURE

Advanced Search | Browse Journals | My Journals

Home | Logout

Indian Agricultural Research Institute

Download J-Gate Toolbar [click here for Help](#)

[Click here to access J-Gate Agricultural & Biological Sciences](#)

Quick Search

Search Examples

Enter Search Term

☒ Peer-Reviewed Journals

☒ Professional & Industry Journals

☒ Open-access Journals

[>> search](#)

Vis. today 388

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Tutorial is an online guide for accessing CeRA

Fig. 5.5: New Features (Tutorial)

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Venus Printers and Publishers, B 62/8, Naraina Indl. Area, Phase-II, New Delhi - 110028

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