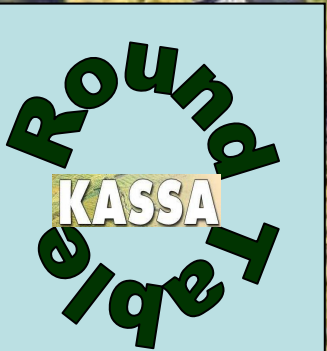


KASSA

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KASSA Search: Mining the Knowledge

Bharath Krishnan
RWC/CIMMYT-India



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Knowledge Database in KASSA

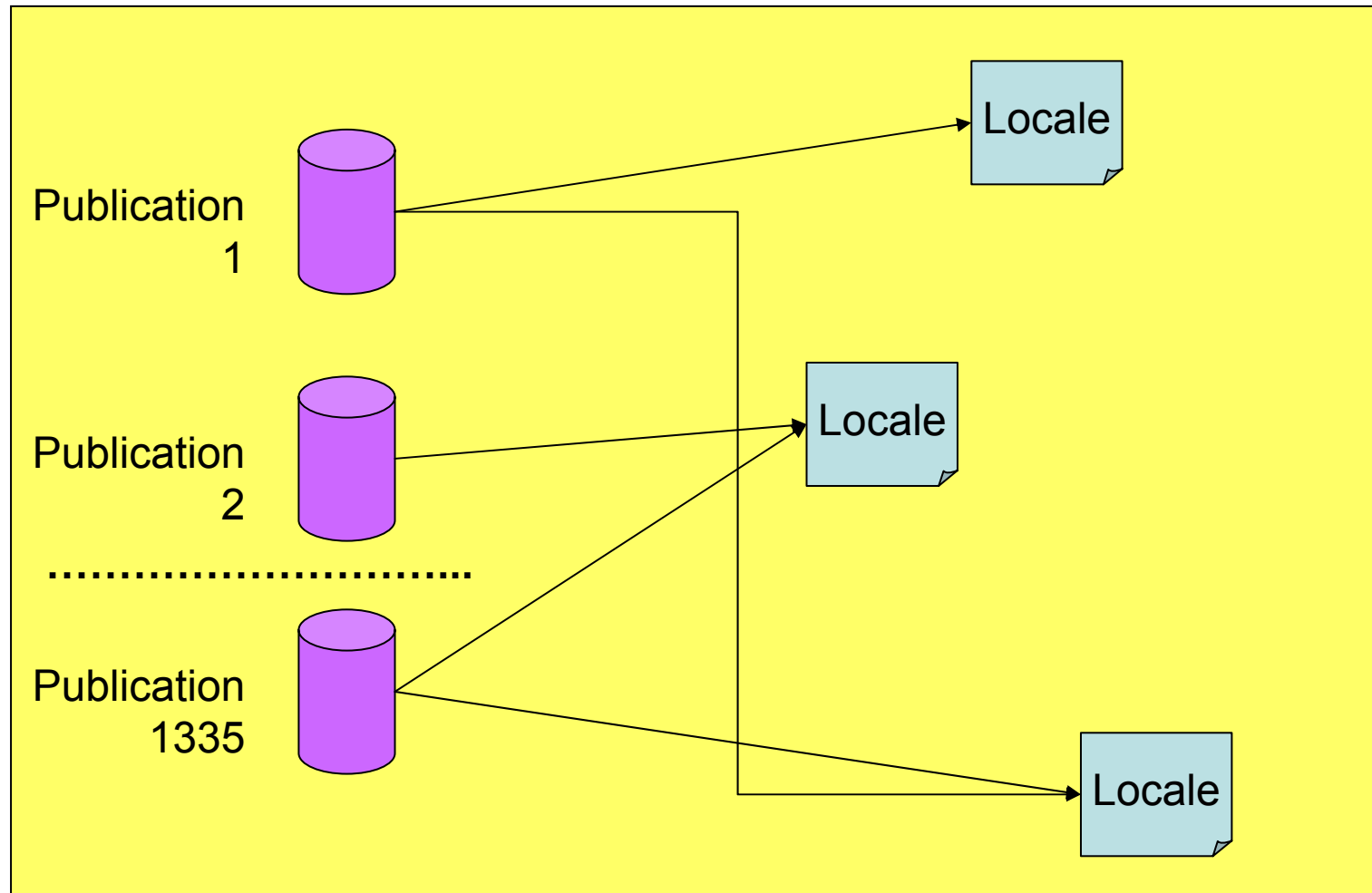
- Website database created and refined through Workpackage 5 (WP5)
- Partners use KASSA Website – kassa.cirad.fr – to enter and refine local knowledge from partners' locations through WP 1 and 2
- Database provides a gist of studies and experiences using a wide variety of CA technologies from KASSA platforms



Database Specifications

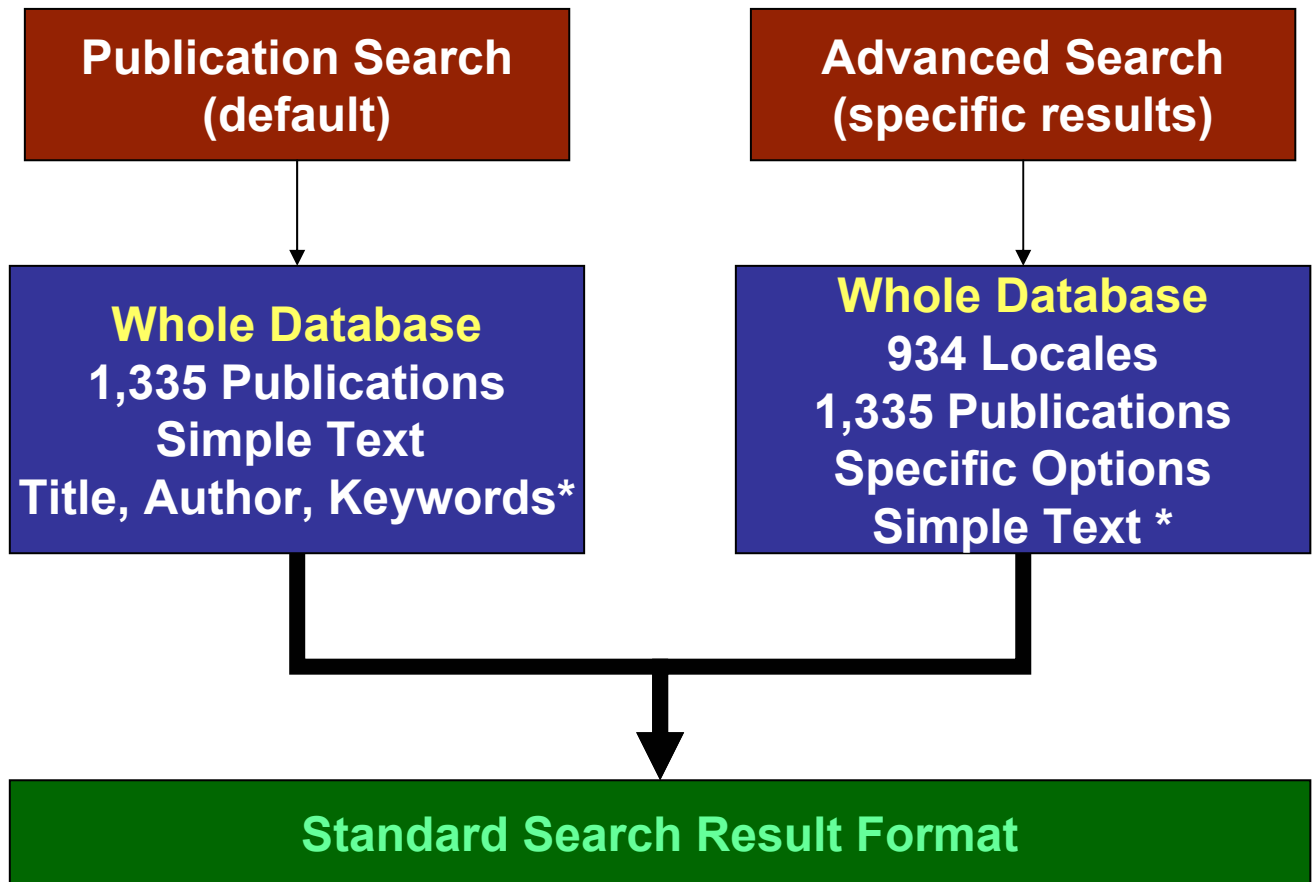
- Built over an open-source DBMS (MySQL)
- Contains:
 - 1,335 referred publications from the KASSA platforms
 - 934 locale information referred through publications

Publications and Locales



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KASSA Search



* Better indexing process currently being developed

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KASSA Search: Interface



The screenshot displays the KASSA website's search interface. At the top, a banner features a rural landscape with a small house and the text 'KASSA GOCE-CT-2004-505582 Knowledge Assessment and Sharing on Sustainable Agriculture'. Below the banner, a navigation menu on the left lists 'Search', 'News', 'Project', 'Partners', and 'Project members only'. The main content area includes logos for the Sixth Framework programme, Sustainable Development Global Change and Ecosystems, the European Union, and CIRAD. A breadcrumb trail shows 'Home > Search'. A search bar with a 'Search' button and a link to 'Advanced Search' is present. The footer contains the text 'KASSA - © Cirad, RWC 2005 - rabah.jahmar@cirad.fr'.

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Knowledge Assessment and Sharing on Sustainable Agriculture

- Search
- News
- Project
- Partners
- Project members only

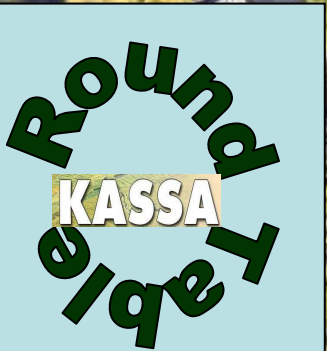
Sixth Framework programme Sustainable Development Global Change and Ecosystems The European Commission Community Research CIRAD

Home > Search

Search

Search Advanced Search

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Search Results

Results 1 - 25 of about 105 for rice

ing rice in the Indo-Gangetic plains.
profiles under resource

KASSA Search Results for rice - Bharath World Explorer - [Working Offline]

Address: http://localhost/rwc/rwcive/KASSA/search.asp?q=rice&sa=Search

KASSA
GOCE-CT-2004-505582
Knowledge Assessment and Sharing on Sustainable Agriculture

Search

Home > Search

rice Search Advanced Search

KASSA Database Results 1 - 25 of about 105 for rice

Soil Health and Sustainability of the Rice-Wheat Systems of the Indo-Gangetic Plains. Impact assessment of tillage systems on plant pathogenic organisms for wheat following rice in the Indo-Gangetic plains. And to increase overall knowledge about soil health, including mapping soil microbiota profiles under conservation tillage in South Asia. ... Duvellier, E.; Bridge, J.; Rutherford, M. and Keeling, S. (for CIMMYT and CAB)

Rice straw mulching and nitrogen response of no-till wheat following rice in Bangladesh. Crop residue management for improved soil and crop productivity in rice-wheat cropping system. To study the long-term effects of green manure and crop residues on crop production. ... Yadvinder Singh, Bijay Singh, Khera, T.S. and KHIND, C.S. (for Punjab Agricultural University)

S. (for Punjab Agricultural University)

1 2 3 4 5

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Advanced Search

Search Options

for searching publications and locales that include the following (check those that apply)

Technology

- ☐ Minimum Tillage (MT) ☐ Low Tillage ☐ Reduced Tillage (RT) ☐ No Tillage (NT) ☐ Zero Tillage (ZT)
- ☐ Conservation Tillage (CT) ☐ Crop Residue Management(CRM) ☐ Direct Planting in Straw
- ☐ Permanent Direct Seeding ☐ Direct sowing Mulch-based Conservation agriculture (DMC) ☐ Conservation Agriculture
- ☐ No-Till/Conservation Agriculture (NA/CA) ☐ Agroforestry ☐ Ley Farming
- ☐ Organic Agriculture (OA) ☐ Organic Farming ☐ Ecological Agriculture
- ☐ Biological Agriculture ☐ Integrated Pest Management (IPM) ☐ Integrated Weed Management (IWM)
- ☐ Integrated Plant Nutrient Systems (IPNS) ☐ Sustainable Land Management (SLM) ☐ Better Land Husbandry (BLH)
- ☐ Other

Ecosystem

- ☒ none ☐ Temperate ☐ Mediterranean ☐ Sub-Tropical ☐ Tropical

Impacts

Agronomic

- ☐ Yield ☐ Water-use ☐ Nutrient-use ☐ Machinery ☐ Weed management ☐ Crop residue management
- ☐ Fertilizers management ☐ Pests/diseases management ☐ others

Database Entries: Addressed Issues

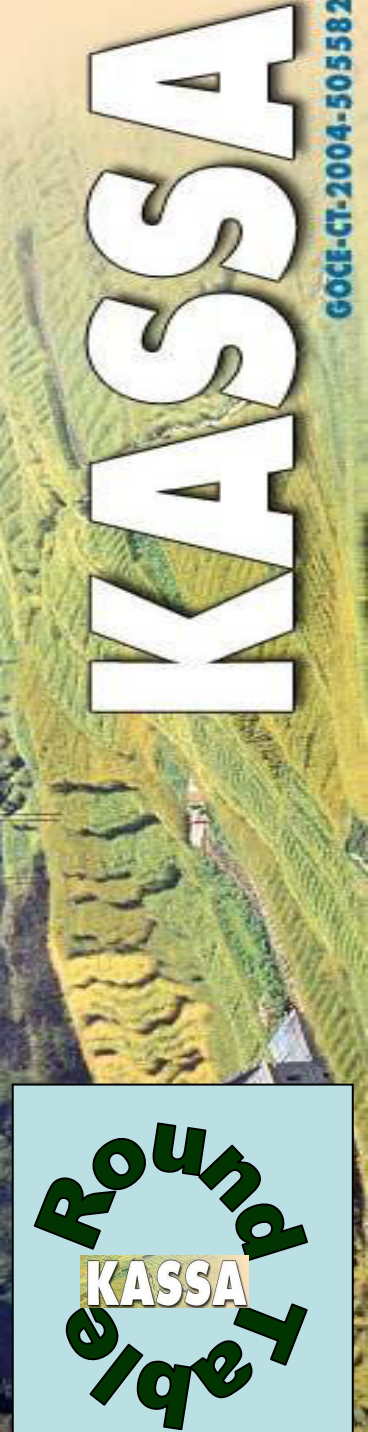
- Many columns/values left blank
- Non-standard entries
 - eg. Classifications can be structured around one system and made selective instead of user-entered
 - Errors reduced
 - Information more structured
 - Information standardized
 - Encourages search efficiency

Database Entries: Addressed Issues

- “Escaped/Isolated” entries
 - Contains no data
 - Contains information that would escape search results despite potential “value”
- Quantified search
 - Numeric data organization needed
 - Could help in simulations/projections

Getting the Knowledge Across

- Valuating the Database
 - **Who** would use it?
 - **Where** would they be?
 - **Why** would they use it?
 - **How** would they access it?
 - **What** could they expect?



Getting the Knowledge Across

- Extending the Database
 - **More, updated** records
 - Include farmer participation to provide real experiences
 - Quantitative data
 - **Different** media options
 - Rural radio (call-in programs etc)
 - Studies made into television programs
 - **New platforms**
 - Lessons learnt translated to education
 - Global/regional seminars on lessons from other KASSA platforms
 - Interface with similar Knowledge-based initiatives
 - Foster development of **result-oriented** DSS

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Interacting with online resources

- RWC and other partners' websites
- PRISM: Regional project information database for South Asia
- Rice Knowledge Bank from IRRI
- International Crop Information System
- CGIAR ICT-KM projects
- Global ICT for Development initiatives, such as the WSIS

Getting KASSA recognized on other websites

Western Australian
No-Tillage Farmers Association

Join Now!

DIAMOND SPONSORS
GRDC
Grains Research & Development Corporation

Thanks to Partners and Diamond Sponsors.

AUSTRALIAN PRIMARY SUPERANNUATION FUND

BorreGRO
soil conditioner

Department of Agriculture
Government of Western Australia

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Farm WEEKLY

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Extracts from our latest magazine.

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No-till Essentials!
A great introduction to No-till.

Meckering R&D
Meckering R&D
Trials and Field Days.

Report
President
President's Report
from Tim Braslin.

KASSA
Knowledge CA
Search the global database from the KASSA Consortium

wantfa
NEW FRONTIERS IN AGRICULTURE

We are a farmer group looking for sustainable ways of growing healthy, high yield food crops without destroying the soil. We also aim to improve soils that have been damaged by years of tillage. WANTFA's goal is to share our experiences with others.

This Website is currently undergoing reconstruction.
Please visit us again in the coming months as the new site is unveiled.

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Your soil biology questions answered.

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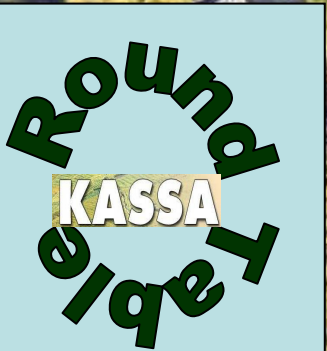
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www.rwc.cgiar.org/KASSA

Thank you



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