

UNESCO Open Access Forum - November 2011

FAO and Open Access

improving collaboration and access to
scientific information
for less developed countries

Stephen Rudgard

Chief Knowledge and Capacity for
Development

Global and Local Challenges in Research Communication

- **Capacities**
 - Lack of institutional policies to enable research communication
 - Lack of specialized skills in complex digital technologies
- **Diversity of Responses**
 - Customized Information/Knowledge Systems
 - In-house IKM Programmes
 - Institutional Networks
 - National Initiatives
 - R&D Community Forums/Platforms
 - Virtual and Web2.0 tools for Participation/Interaction



The way forward
Coherence in Information
for Agricultural Research
for Development

www.ciard.net
information@ciard.net

CIARD

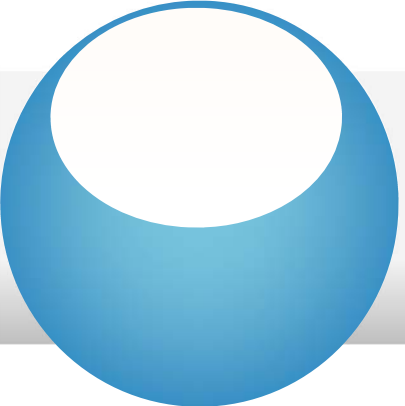
The Community

Founding Partners

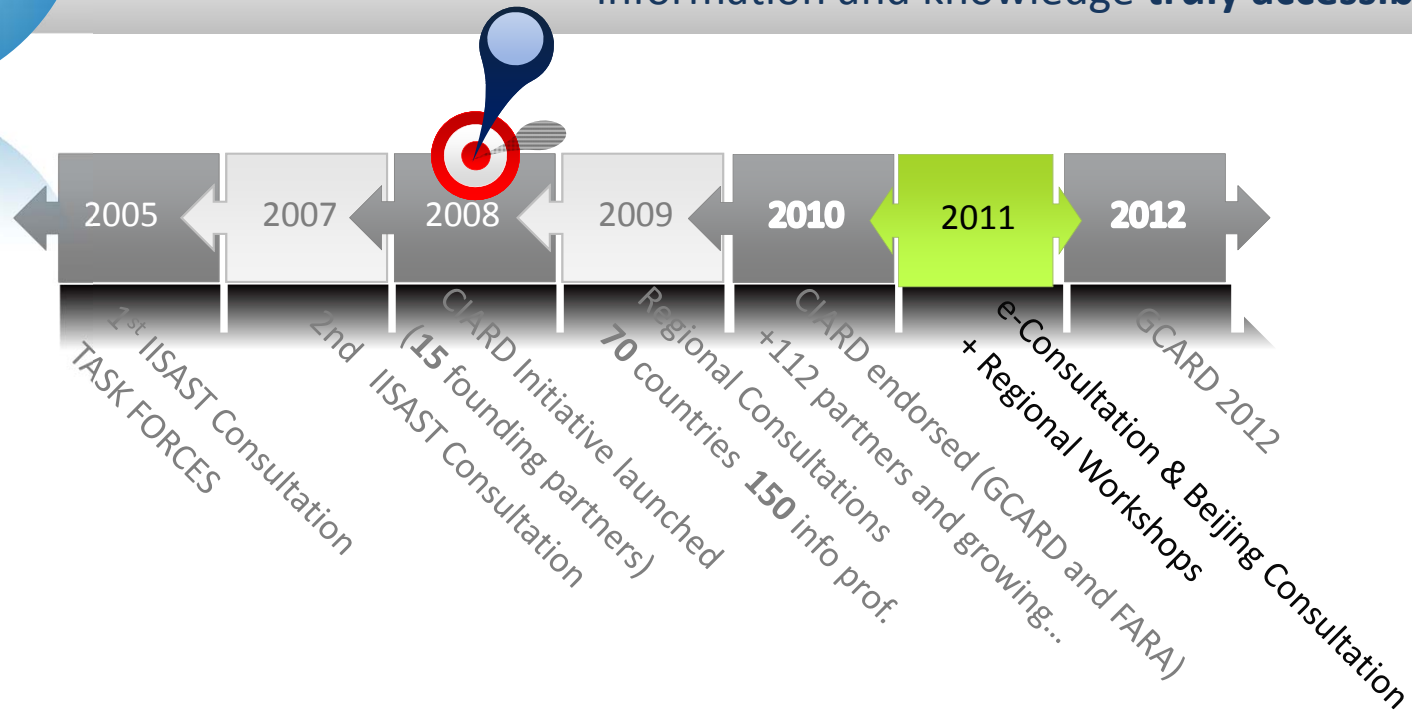


and still growing.....

CIARD Becoming a movement



A **global movement** providing a platform for coherence between information-related initiatives to make public domain agricultural research information and knowledge **truly accessible to all**



Endorsement of CIARD

1st Global Conference on Agricultural Research for Development (GCARD), March 2010

Recommended that:

Stakeholders use the potential of multi-partner initiatives such as CIARD to facilitate availability and access to information and knowledge in innovative ways.

5th General Assembly of the Forum for Agricultural Research in Africa (FARA), July 2010

Recommended that CIARD should:

advocate for more coherent approaches to knowledge sharing and communication of the outputs of agricultural research support development of national capacities for all types of stakeholders



Advocacy Task Force

Capacity Building Task Force

Content Management Task Force

The CIARD Vision and Manifesto

“To make public domain agricultural research information and knowledge truly accessible to all”

- All organizations that create and possess public agricultural research information disseminate and share it more widely
- CIARD partners will (a) coordinate their efforts, (b) promote common formats, (c) adopt open systems
- Create a global network of public collections of information

The CIARD Values

To increase the benefits from investments in agricultural research and innovation for development, the partners in the CIARD initiative have agreed to make research outputs truly accessible, based on a common set of values:

- Advocate effective investments
- Establish coherent systems and services
 - Communicate content
- Develop and strengthen capacities



Checklist of Good Practices

Developing Institutional Readiness

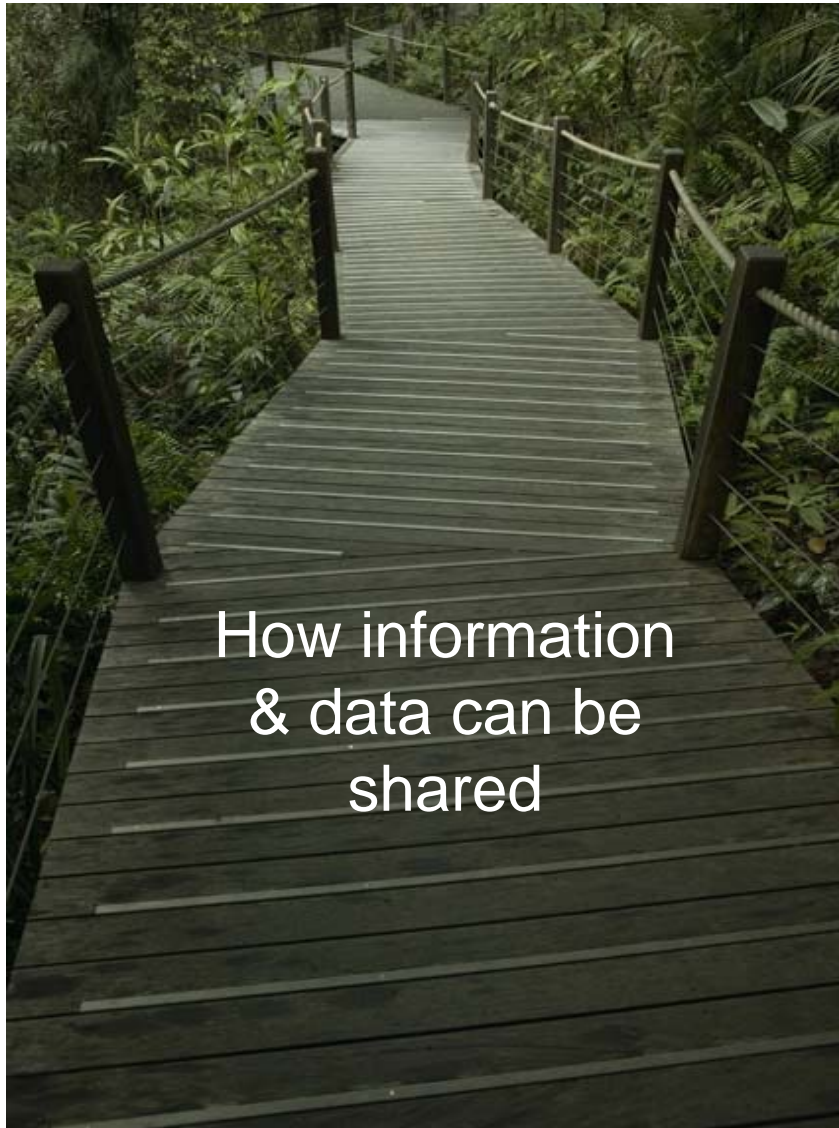
1. Introduce and gain support for the CIARD Manifesto and Values in your institution
2. Have your institution recognised as a CIARD partner
3. Adopt a formal institutional information/ communication strategy
4. Develop the capacities of your institution to achieve the CIARD Checklist
5. Develop national/local partner networks to share resources and skills

Increasing the Availability, Accessibility and Applicability of Research Outputs

6. Ensure your research outputs are available digitally.
7. Develop institutional or thematic information repositories of your outputs as open archives.
8. Use international metadata standards, data exchange protocols, and agricultural vocabularies and thesauri.
9. Develop a clearly defined licensing policy for your outputs.
10. Optimize the structure and the content of web sites for search engines.
11. Share metadata by participating in international information systems.
12. Use 'social' Web 2.0 media and applications to share your outputs.
13. Build formal and informal networks to to repackage your outputs.

www.ciard.net

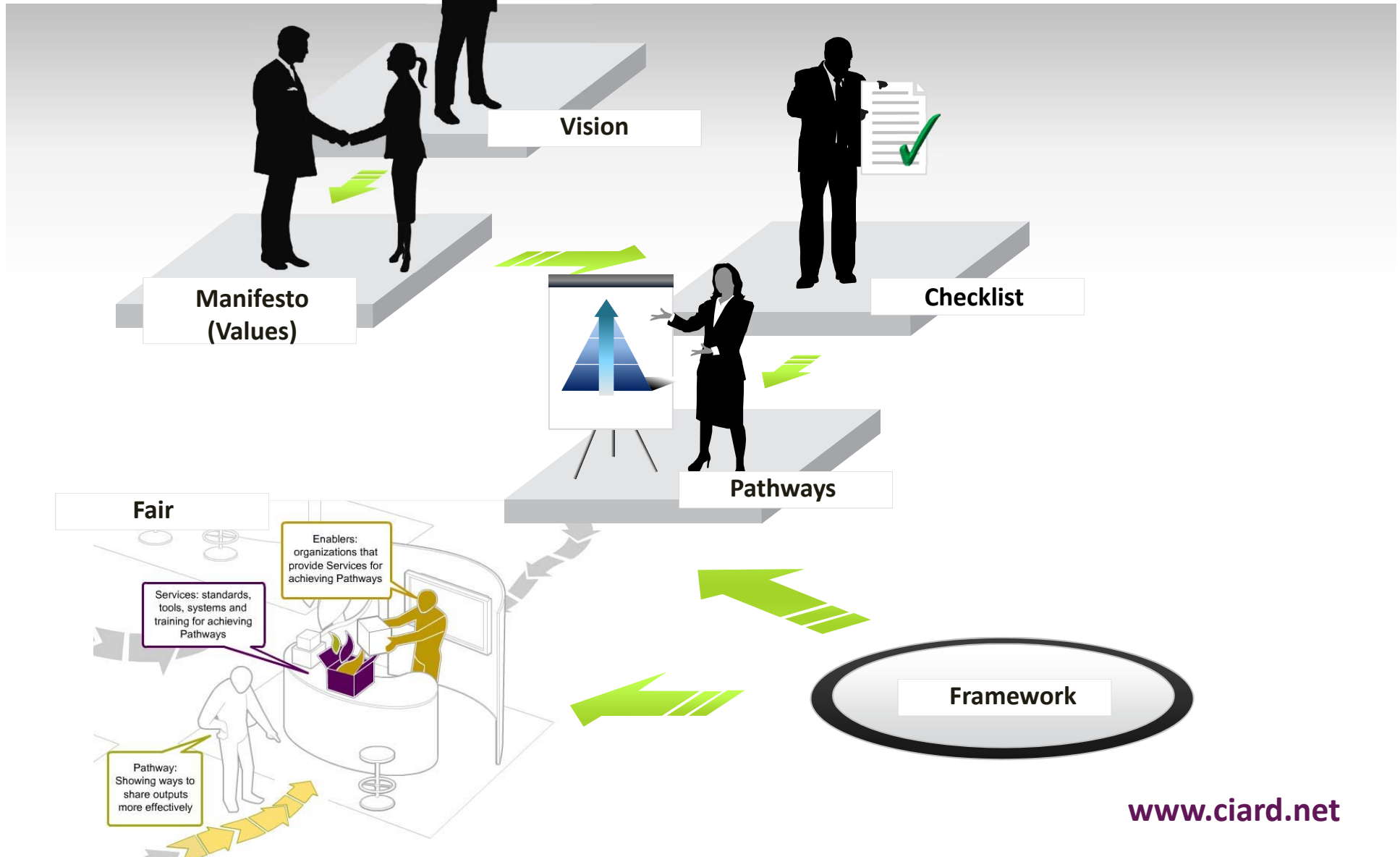
CIARD Pathways to achieve the Checklist



Developing Institutional Readiness

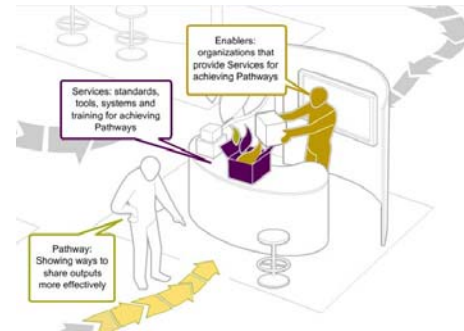
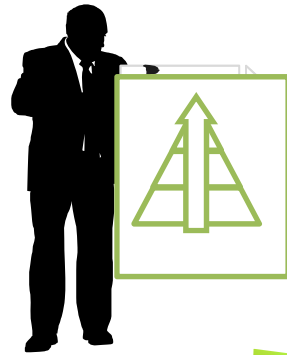
Collection and Preservation

Making content
widely accessible on the Web



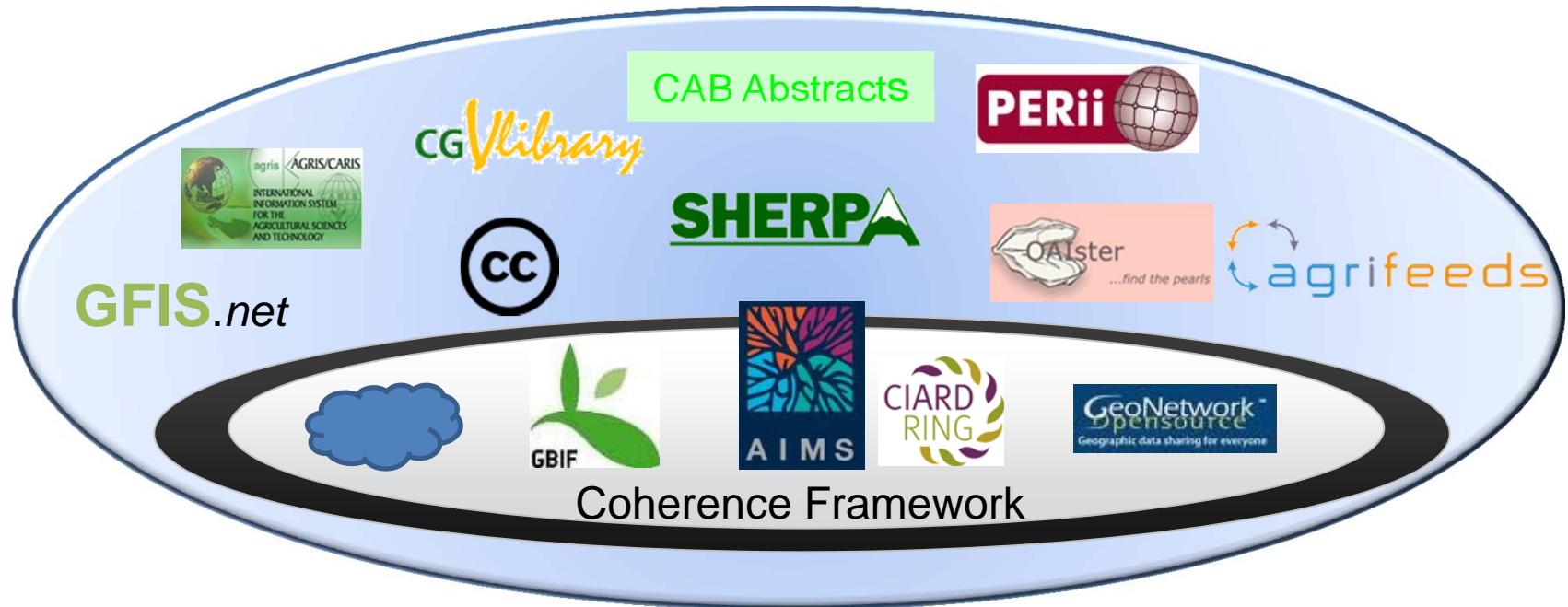
CIARD Virtual Fair

Pathways



Enablers

Services





Routemap to **I**nformation
Nodes and **G**ateways



- Global registry of information sources and services in agriculture
- information providers register their services in various categories – e.g.
 - 103 document repositories (50 OAI) with over 4 million accessions, and 810,00 full text documents
 - 217 other services registered from 147 providers

<http://ring.ciard.net/>

AGRIS: 2.7 million bibliographic records on agricultural science since 1975



Multequina (2008/06)
 Sintaxones ruderales y adventicios en la zona del Alto Valle de Río Negro y Neuquén
 Conticello, Luisa (Universidad Nacional del Comahue Facultad de Ciencias Agrarias); Bustamante, A. (Universidad Nacional del Comahue Facultad de Ciencias Agrarias); Cerazo, M. B. (Universidad Nacional del Comahue Facultad de Ciencias Agrarias)

Publisher Dirección de Recursos Naturales Renovables de Mendoza; Instituto Argentino de Investigaciones de las Zonas Áridas (IADIZA-CONICET)

Date of publication 2008/06

Free keywords Fitosociología; Ruderal; Banquinas; Phytosociology; Ruderal; Roadsides

Language Spanish

Full-text http://www.scielo.org.ar/scielo.php?script=sci_arttext&pid=S1852-73292008000100004

Journal Title Multequina

ISSN 1852-7329

Vol. No. vol.17 num.1

Abstract (Spanish) El presente trabajo surge de la revisión de la literatura sobre sintaxones ruderales y adventicias en la zona del Alto Valle de Río Negro y Neuquén, cuyo objetivo común fue el estudio fitosociológico y ecológico de la vegetación pradera dedicada al cultivo de frutales de pepita. Como contribución se presentan los sintaxones que sirven como un modo de ordenamiento y guía para el estudio de las mismas. Los mismos están ordenados en un orden fitosociológico, ecológico y corológico.

When there is no explicit link to full text, AGRIS queries Google for title and keywords, and finds a full text link for 50% of all records

Many AGRIS records contain an explicit link to full text

Revista industrial y agrícola de Tucumán (2010/06)
 Espectroscopia por infrarrojo cercano (NIRS): Su aplicación en análisis de jugos de caña de azúcar

Zossi, Silvia (EAAOC Sección Química de Productos Agroindustriales); Ruiz, Roberto M. (EAAOC Sección Química de Productos Agroindustriales); Sorol, Natalia (EAAOC Sección Química de Productos Agroindustriales); Sastre, Marcos (EAAOC Sección Química de Productos Agroindustriales)

Publisher Estación Experimental Agroindustrial "Obispo Colombres"

Date of publication 2010/06

Free keywords Calidad de jugos de caña; Brix y pol en jugos de caña; Análisis estadístico; Sugar cane juice quality; Brix and pol in sugar cane juice; Statistical analysis

Language Spanish

Journal Title Revista industrial y agrícola de Tucumán

ISSN 1851-3018

Vol. No. vol.87 num.1

Abstract (Spanish) La espectroscopia por infrarrojo cercano (NIRS) es una metodología instrumental que ha presentado un desarrollo creciente en los últimos años en la industria azucarera mundial. Se la utiliza tanto en centros de investigación como en diversas industrias, por ser una técnica no destructiva, rápida, que no emplea reactivos químicos y que requiere menos mano de obra que los métodos tradicionales empleados en el laboratorio. Por tal motivo, se decidió determinar para las condiciones de la industria azucarera de Tucumán (Argentina), los modelos de calibración más adecuados que permitan predecir los parámetros Brix y pol en jugo de caña de azúcar, mediante el empleo de un equipo NIRS, haciendo posible el reemplazo de los ensayos tradicionales de estos dos parámetros. Los resultados obtenidos de indicadores estadísticos, tales como error estándar de calibración (SEC), error estándar de predicción (SEP) y coeficiente de correlación de la calibración (R²) fueron altamente satisfactorios en los parámetros evaluados y presentaron concordancia con los valores encontrados en la bibliografía mundial.

Related AGRIS Results:

- Discrimination of sunflower, weed seedlings and wheat stubble by Near-Infrared Reflectance Spectroscopy (NIRS) by Alenciano, S.; López-Granados, F.; Durado-Expósito, M.; González-Andújar, J.L.; García-Torres, L. (Consejo ... (2001) in Spanish

Other related searches by title

Related searches by author/s

powered by Google™

About the Title

Espectroscopia por infrarrojo cercano (NIRS): Su aplicación en análisis de jugos de caña de azúcar. Silvia Zossi*, Roberto M. Ruiz*, ...
www.scielo.org.ar

About the author Zossi, Silvia

Revista industrial y agrícola de Tucumán -
 Su aplicación en análisis de jugos de caña de azúcar. Silvia Zossi*, Roberto M. Ruiz*, Natalia Sorol* y Marcos Sastre*. *Sección ... Palabras clave: Calidad de jugos de caña; Brix y pol en jugos de caña; Análisis estadístico. Abstract ... Key words: Sugar cane juice quality; Brix and pol in sugar cane juice; Statistical analysis. ...
www.scielo.org.ar



AIMS : standards and good practices in information management in agriculture and rural development

Assuring quality in metadata creation

Controlled vocabularies: help semantic navigation & visibility

Tools for document repositories

Services providers: maximizing access to content

The screenshot shows the AIMS website interface. At the top, there are language options (english, français, español, العربية, 中文) and the AIMS logo. The main header reads "AGRICULTURAL INFORMATION MANAGEMENT STANDARDS" and "STANDARDS, TOOLS, SERVICES AND ADVICE". The left sidebar contains a navigation menu with items: Home, About, News, Events, Standards, Tools, Services, Advice, Community, and User area. The main content area features a "Weekly Spotlight" on INASP, a "News" section with several articles, and an "UPCOMING EVENTS" section. The footer includes contact information, social media links, and the CIARD logo.

AIMS focuses on access to scientific and technological publications, scholarly papers and grey literature

Get started on Open Access

<http://aims.fao.org/>



Institut de recherche
pour le développement



Information Management Resource Kit

100,000 learners
in 5 languages



Modules

- Investing in Information for Development (2006)
- Digital Libraries, Repositories and Documents (2010)
- Knowledge Sharing for Development (2011)
- Building Electronic Communities & Networks (2007)
- Web 2.0 and Social Media for Development (2010)
- Scientific and Technical Writing (2012)
- Management of Spatial Data (2012)