

IDRC-TS44e



**Checklist of Publications
Associated with IDRC
and Recorded in AGRIS: 1975-1982**

The International Development Research Centre is a public corporation created by the Parliament of Canada in 1970 to support research designed to adapt science and technology to the needs of developing countries. The Centre's activity is concentrated in five sectors: agriculture, food and nutrition sciences; health sciences; information sciences; social sciences; and communications. IDRC is financed solely by the Parliament of Canada; its policies, however, are set by an international Board of Governors. The Centre's headquarters are in Ottawa, Canada. Regional offices are located in Africa, Asia, Latin America, and the Middle East.

Le Centre de recherches pour le développement international, société publique créée en 1970 par une loi du Parlement canadien, a pour mission d'appuyer des recherches visant à adapter la science et la technologie aux besoins des pays en voie de développement ; il concentre son activité dans cinq secteurs : agriculture, alimentation et nutrition ; information ; santé ; sciences sociales ; et communications. Le CRDI est financé entièrement par le Parlement canadien, mais c'est un Conseil des gouverneurs international qui en détermine l'orientation et les politiques. Établi à Ottawa (Canada), il a des bureaux régionaux en Afrique, en Asie, en Amérique latine et au Proche-Orient.

El Centro Internacional de Investigaciones para el Desarrollo es una corporación pública creada en 1970 por el Parlamento de Canadá con el objeto de apoyar la investigación destinada a adaptar la ciencia y la tecnología a las necesidades de los países en desarrollo. Su actividad se concentra en cinco sectores: ciencias agrícolas, alimentos y nutrición; ciencias de la salud; ciencias de la información; ciencias sociales, y comunicaciones. El Centro es financiado exclusivamente por el Parlamento de Canadá; sin embargo, sus políticas son trazadas por un Consejo de Gobernadores de carácter internacional. La sede del Centro está en Ottawa, Canadá, y sus oficinas regionales en América Latina, África, Asia y el Medio Oriente.

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Foreword

AGRIS is the International Information System for the Agricultural Sciences and Technology; it is managed by the Food and Agricultural Organization of the United Nations (FAO) in cooperation with the national and regional centres listed on pages 62-65 of this publication.

The information recorded in AGRIS is that provided by the participating centres and by FAO acting for itself and for certain other international agencies. Each item of information is the description of a document and, in 1982, a total of 130 829 such items were added to the file. AGRIS is a computerized system, and the totality of the file (data base) is available to the participating centres on magnetic tape. FAO maintains this data base and also publishes a monthly current awareness service, *Agrindex*, which is derived from the new items as they are reported and which is constructed by photocomposition from the computer records.

The carrier language of AGRIS is English. Hence, although the system is hospitable to information describing documents whatever their original language, titles are translated into English and the indexing is based on this language. That situation may evolve soon as FAO has adopted a multilingual thesaurus, *AGROVOC*, for the indexing of AGRIS records in the future, and participating countries are encouraged to use it. However, the retrospective bibliography that is presented here was compiled from the existing AGRIS file and necessarily follows the language rules established by FAO.

AGRIS was officially launched at the start of 1975, and the first issue of *Agrindex* appeared in January of that year. The records that appeared in the first issues were, however, prepared in 1974. For the title of this publication, we have chosen to use the dates of appearance of the items in *Agrindex*, that is 1975-1982; however, broadly speaking, the documents described were originally published in 1974-1981.

The International Development Research Centre (IDRC) has been associated with the development of AGRIS since the earliest days. It contributed staff-time during the design phase, and co-sponsored meetings with FAO to help ensure that the needs of developing countries were reflected in the design. IDRC has provided financial and professional assistance to several of the regional and national centres now actively participating in the system.

IDRC has itself also acted as a participant in the system, reporting via FAO its own publications that fall within the subject scope of AGRIS (agriculture, forestry, fisheries, food science, and rural development). These publications represent the majority of the items contained within this bibliography.

The bibliography was, however, constructed by searching for those documents that, in any data element, contained the name "International Development Research Centre", or the acronym "IDRC", or the French and Spanish equivalents of these. Hence this search also picked up items published elsewhere if, for example, IDRC was shown as the affiliation of a personal author. Items were also extracted if the record, as reported to AGRIS, indicated that the document was copublished by IDRC or produced as a result of work financed by IDRC.

It would be wrong to see this as a complete bibliography of all work in the agricultural sector supported by IDRC. Any document that may have been produced as a result of IDRC activities will appear here only if that document was reported to AGRIS by the national centre in the country where it was produced (and if the record prepared by the national centre indicated a relationship to IDRC). And, although AGRIS has progressed a long way toward comprehensive coverage of the world's new agricultural documents, there is still a distance yet to go.

Documents mentioned in this publication may be obtained from the IDRC when they are not available from the reader's library. Microfiche are sent free of charge to institutions and researchers in developing countries. Other users may obtain them for \$1 CAD each. In certain cases, hard copies are available upon request. When requesting a document from the Information Sciences Division of IDRC, readers are kindly requested to indicate the sequential reference number (RN) as well as the title printed in boldface.

This bibliography was prepared as photocomposed computer output by the staff of FAO. IDRC wishes to express its thanks for the cooperation it has always received from the FAO staff, as well as its interest to continue the fruitful cooperation with FAO in the development of AGRIS.

John E. Woolston
Vice-President
Information Programs
International Development
Research Centre

Avant-propos

Le système d'information pour les sciences et la technologie agricoles, AGRIS, est géré par l'Organisation des Nations Unies pour l'agriculture et l'alimentation (FAO), en collaboration avec les centres nationaux et régionaux cités aux pages 62 à 65 de la présente publication.

L'information entrée dans AGRIS est fournie par les centres participants et par la FAO qui soumet, en plus de ses propres enregistrements, ceux d'un certain nombre d'agences internationales. Chaque enregistrement décrit un document; en 1982, le fichier d'AGRIS a augmenté de 130 829 enregistrements. Le système AGRIS est automatisé, et le fichier complet (base de données) est à la disposition de chaque centre participant, sous forme de bande magnétique. La FAO gère cette base de données, et publie également *Agrindex*, à titre de service de signalisation courante. *Agrindex* est publié chaque mois, par photocomposition, à partir des enregistrements nouvellement reçus et mis en mémoire.

La langue véhiculaire d'AGRIS est l'anglais, et l'analyse documentaire se fait dans cette langue exclusivement. Le système accepte cependant des documents écrits dans d'autres langues : le titre du document est alors traduit en anglais. Cette situation pourrait évoluer assez rapidement, car la FAO vient d'adopter le thésaurus multilingue *AGROVOC*, pour l'indexation des enregistrements destinés à AGRIS, et encourage tous les centres participants à s'en servir. Cependant, la bibliographie rétrospective présentée ici a été compilée du fichier AGRIS existant, et respecte par conséquent les règles établies par la FAO en matière de langue d'analyse.

AGRIS a commencé officiellement au début de 1975, et le premier numéro d'*Agrindex* a été publié en janvier de la même année. Les notices figurant dans les premiers numéros d'*Agrindex* avaient donc été préparées en 1974. Nous avons choisi d'indiquer dans le titre de la présente bibliographie les dates correspondant à la parution des notices dans *Agrindex*, c'est à dire 1975 à 1982; les documents auxquels ces notices se réfèrent ont été publiés pour la plupart entre 1974 et 1981.

Le Centre de recherches pour le développement international (CRDI) s'est associé au développement d'AGRIS depuis ses débuts. Il a détaché du personnel au moment de la conception du système, et a collaboré avec la FAO à l'organisation de réunions cherchant à assurer que le système tiendrait compte des besoins des pays en développement. Le CRDI a également fourni une assistance financière et technique à plusieurs des centres nationaux et régionaux qui participent maintenant activement à AGRIS.

Le CRDI collabore également à titre de centre participant, soumettant à la FAO des enregistrements se rapportant à ses propres publications dans les domaines couverts par AGRIS (agriculture, foresterie, sciences alimentaires et développement rural). Ces publications représentent la majorité des notices figurant dans la bibliographie que voici.

Cette bibliographie a été produite au moyen d'une recherche portant sur l'ensemble du fichier AGRIS, afin de récupérer tous les enregistrements où figuraient le nom entier ou le sigle du CRDI, soit en anglais, français ou espagnol. Elle contient donc également des notices de documents publiés ailleurs, mais dont l'auteur est attaché au CRDI, ou qui résultent d'un projet de recherche subventionné par le CRDI.

Il serait erroné de croire que cette bibliographie couvre l'ensemble des documents produits dans le cadre des recherches subventionnées par le CRDI. En effet, pour figurer dans cette bibliographie, un document doit avoir été signalé par le centre national du pays où il a été produit, et contenir une mention d'un lien avec le CRDI. Et, bien qu'AGRIS ait fait des pas considérables vers une couverture compréhensive de la production documentaire mondiale en matière d'agriculture, ce but n'a pas encore été atteint complètement.

Le lecteur peut obtenir un document cité dans la présente publication en s'adressant au CRDI lorsque ce document n'est pas disponible auprès de la bibliothèque qu'il consulte habituellement. En général, le CRDI distribue les documents demandés sous forme de microfiches, qui sont offertes gratuitement aux institutions et aux chercheurs dans les pays en développement. Les autres utilisateurs peuvent obtenir des microfiches à 1 \$Can l'unité. Dans certains cas, les documents originaux ou des photocopies sont disponibles sur demande. Le lecteur est prié d'adresser ses requêtes à la Division des sciences de l'information, en indiquant, en plus du titre figurant en caractères gras, le numéro de référence de la notice (RN).

Cette bibliographie a été préparée, à partir d'une sortie d'ordinateur photocomposée, par le personnel de la FAO. Le CRDI tient à exprimer sa reconnaissance de la collaboration que lui a toujours apportée le personnel de la FAO, et son souhait de voir se continuer cette coopération fructueuse avec la FAO en vue du développement d'AGRIS.

John E. Woolston
Vice-président
Programmes d'information
Centre de recherches
pour le développement international

Prólogo

AGRIS es el Sistema Internacional de Información para Ciencias y Técnicas Agrícolas; es administrado por la Organización de las Naciones Unidas para la Agricultura y la Alimentación (FAO) en cooperación con los centros nacionales y regionales que aparecen listados en las páginas 62-65 de esta publicación.

La información registrada en AGRIS es aquella entregada por los centros participantes y por FAO actuando por sí misma y por otras agencias internacionales. Cada ítem de información es la descripción de un documento y, en 1982, un total de 130 829 fueron agregados al archivo. AGRIS es un sistema computarizado y la totalidad del archivo (base de datos) se encuentra disponible en cinta magnética a los centros participantes. FAO mantiene esta base de datos y publica *Agrindex*, servicio de información mensual actualizado que incorpora los nuevos ítems entregados a AGRIS y que se produce por fotocomposición de los datos computarizados.

El idioma oficial de AGRIS es el inglés. Por lo tanto, a pesar de que el sistema está abierto a información concerniente a documentos cualquiera sea su idioma original, los títulos son traducidos al inglés y su correspondiente indización se basa en este idioma. Esta situación puede variar en un futuro próximo, ya que FAO ha adoptado una tesoro multilingüe para la indización de AGRIS, llamado *AGROVOC* y cuyo uso se recomienda a los países participantes. Sin embargo, la bibliografía retrospectiva aquí presentada ha sido recopilada de los archivos de AGRIS actualmente en existencia y sigue, por lo tanto, las reglas idiomáticas establecidas por FAO.

AGRIS fue oficialmente establecido a comienzos de 1975 y el primer ejemplar de *Agrindex* apareció en Enero del mismo año, aunque los registros allí publicados fueron preparados en 1974. Para el título de esta publicación hemos elegido las fechas de aparición de los ítems en *Agrindex*, es decir 1975-1982, pero, de acuerdo a la realidad, los documentos fueron originalmente publicados durante el período 1974-1981.

El Centro Internacional de Investigaciones para el Desarrollo (CIID) ha estado asociado con la evolución de AGRIS desde sus primeros comienzos. Contribuyó con aporte intelectual durante la fase de diseño y co-auspició reuniones con FAO para asegurar que las necesidades de los países en desarrollo fueran reflejadas en el diseño. El CIID otorgó ayuda financiera y profesional a varios de los centros regionales y nacionales que en este momento participan activamente en el sistema.

El CIID mismo ha actuado como participante en el sistema, registrando, a través de FAO, sus propias publicaciones que entran en el ámbito de AGRIS (agricultura, ciencias forestales, pesca, ciencias de la alimentación y desarrollo rural). Estas publicaciones representan la mayoría de los ítems contenidos en esta bibliografía.

Sin embargo, la preparación de esta bibliografía fue basada en la búsqueda de documentos que en cualquier elemento de información contuvieran el nombre "International Development Research Centre" o el acrónimo "IDRC" o sus equivalentes en español y francés. En consecuencia, esta búsqueda incluyó también en sus resultados documentos publicados fuera del Centro, como por ejemplo, un documento en el cual el CIID apareció como la afiliación de su autor. También fueron incluidos registros correspondientes a documentos que, según la información entregada a AGRIS, indicaban haber sido co-publicados por CIID o producidos como resultado de un trabajo financiado por CIID.

Sería erróneo considerar ésta una bibliografía completa de todo el trabajo en el sector agrícola auspiciado por CIID. Cualquier documento que pudiera haber sido producido como resultado de las actividades del Centro aparecerá aquí siempre y cuando él haya sido registrado en AGRIS por el centro nacional en el país de origen (y si el registro preparado por el

centro nacional indica alguna relación con CIID). Además, a pesar de que AGRIS ha logrado cubrir una amplia extensión de los nuevos documentos en materia agrícola en el mundo, un largo camino queda aún por recorrer.

Los documentos citados en esta publicación pueden ser obtenidos del CIID si ellos no se encuentran disponibles en la biblioteca del lector. Microfichas son enviadas sin costo alguno a instituciones e investigadores de países en desarrollo. Otros usuarios pueden obtenerlas al precio de \$1 (canadiense) cada una. En ciertos casos, ejemplares impresos o fotocopias están disponibles a pedido del usuario. Se ruega que, al solicitar documentos a la División de Ciencias de la Información de CIID, se indique el número sucesivo de referencia (RN), como también el título, en letra de imprenta.

Esta bibliografía fue preparada por personal de FAO como producto computarizado de fotocomposición. El CIID desea agradecer la colaboración que siempre ha recibido de parte del personal de FAO, como así también expresar su interés en continuar la fructífera cooperación con FAO en el desarrollo de AGRIS.

John E. Woolston,
Vice-Presidente
Programas de Información
Centro Internacional de
Investigaciones para el Desarrollo

Typical Entries

In this publication, entries are ordered in the Bibliography according to the sequential reference number (RN) originally assigned by the AGRIS Coordinating Centre. The description of data elements is as shown on the following page. To facilitate consultation by French- and Spanish-speaking users, an explanation of the sequence of data elements of which the entries are composed appears in French and Spanish as well as in English.

Dans cette publication, les notices sont classées dans la Bibliographie selon le numéro de référence séquentiel (RN) attribué par le Centre de coordination AGRIS. La description des éléments d'information de chaque notice est donnée dans la liste de la page suivante. Pour faciliter la consultation aux lecteurs de langue française ou espagnole, l'explication de la suite des éléments d'information que comportent les notices est traduite de l'anglais vers le français et l'espagnol.

En esta publicación, los asientos que figuran en la Bibliografía siguen un número de referencia por secuencias (RN), atribuido por el Centro de Coordinación del AGRIS. La descripción de los elementos de datos es la que se indica a continuación. Para facilitar las consultas a los usuarios de lengua francesa y española, se da en francés y en español, después del inglés, una explicación de la secuencia de los elementos informativos de que se componen los asientos.

TYPICAL ENTRIES

- 1 144257 Characterization studies of cassava mosaic agents Nigeria. (En).
 2 Peterson, J.F.; Yang, A.F. (Macdonald College, Ste. Anne de
 3 Bellevue (Canada). Plant Pathology Dept.).
 4 Nestel, B. (ed.). International Development Research Centre, Ottawa
(Canada); International Institute of Tropical Agriculture, Ibadan (Nigeria).
African cassava mosaic. Report of an Interdisciplinary Workshop. IDRC -
071e. ISBN 0-88936-096-0. Ottawa (Canada). IDRC. 1976. p. 17-26. *IDRC,
Ottawa (Canada), also in microfiche, 15 ref. 9
- 5 103082 [World documentation center on cassava in Colombia]. (Es).
Centro mundial de documentacion sobre yuca en Colombia.
 6 Amaya P, S. *CIID Informa (Colombia)*. Centro Internacional de
Investigaciones para el Desarrollo. (Jan 1976). v. 4(4) p. 7-9. 10
 11
- 7 118939 Food [world production and consumption]. (En).
Herrera, A.O.; Scolnik, H.D.; Chichilnisky, G.; Gallopin, G.C.;
Hardoy, J.E.; Mosovich, D.; Oteiza, E.; Romero Brest, G.L. de; Suarez,
C.E.; Talavera, L. Fundacion Bariloche, Buenos Aires (Argentina);
International Development Research Centre, Ottawa (Canada). Catastrophe
or new society ? A Latin American World Model. IDRC-064e. ISBN 0-
88936-083-9. Ottawa (Canada). IDRC. 1976. p. 55-69. 5 diagrams, 3
graphs, table. *IDRC, Ottawa (Canada), also in microfiche. 12
 13
- 8 153275 The cost effectiveness of information services in agriculture.
Working Paper no. 2. (En). Broadbent, K.P. International
Development Research Centre, Ottawa (Canada). Ottawa (Canada). 1977.
19 p. 7 ref. Summary (En). Appendices. *AIBA. [Seminar on Agricultural
Information Systems. Serdang, Selangor (Malaysia). 28 Jan 1977.] 14

1 —	Reference number (RN) Numéro de référence (RN) Número de referencia (RN)	—	A six-digit computer-assigned number, in boldface, at the beginning of each entry.	—	Un nombre de six chiffres déterminé par l'ordinateur, en caractères gras, au début de chaque notice.	—	Un número de seis dígitos asignado por el ordenador, en negrilla, al principio de cada asiento.
2 —	Author Auteur Autor	—	The name(s) of all authors contributing to the entry.	—	Le nom (ou les noms) de tous les auteurs contribuant au(x) texte(s).	—	El nombre o nombres de todos los autores que han contribuido en el asiento.
3 —	Author affiliation Organisme dont dépend l'auteur Afilación del autor	—	Name and location of organization, in parentheses.	—	Nom et adresse de l'organisation, entre parenthèses.	—	Nombre y lugar de la organización, entre paréntesis.
4 —	Corporate author Collectivité auteur Autor corporativo	—	Name and location of organization.	—	Nom et adresse de l'organisation.	—	Nombre y lugar de la organización.
5 —	Primary title Titre primaire Título primario	—	English title of document, in boldface, translated where necessary.	—	Titre anglais du document, en caractères gras, traduit le cas échéant.	—	Título inglés del documento, en negrilla, traducido cuando proceda.
6 —	Original title Titre original Título original	—	Transliterated in accordance with AGRIS rules if necessary.	—	Translitéré le cas échéant conformément aux normes d'AGRIS.	—	Transcrito de acuerdo con las normas de AGRIS si es necesario.
7 —	Language Langue Idioma	—	Language of source document. (for codes see next page)	—	Langue du document original (pour les indicatifs, voir page suivante)	—	Idioma del documento original (para las abreviaturas véase la página siguiente)
8 —	Note Note Nota	—	Any additional information relevant to the document described.	—	Toute information complémentaire concernant le document.	—	Toda información adicional pertinente a lo descrito.
9 —	Collation Collation Colación	—	Physical extent of piece of literature, including volume number, issue number and pagination.	—	Longueur du texte, avec indication du volume, du numéro de la livraison et pagination.	—	Extensión física de la obra, incluyendo el volumen, número de ejemplar y número de páginas.
10 —	Serial title Titre de la publication en série Título de la revista	—	In italics, standardized in accordance with AGRIS rules.	—	En italiques, conformément aux normes d'AGRIS.	—	En letra bastarda, normalizada de acuerdo con las normas de AGRIS.
11 —	Imprint Adresse bibliographique Pie de imprenta	—	Place of publication, name of publisher, and date of publication.	—	Lieu de publication, nom de l'éditeur et date.	—	Lugar de publicación, nombre del editor y fecha de publicación.
12 —	Report or patent number Numéro de rapport ou brevet Número del informe o patente	—	Number assigned by originating organization.	—	Numéro assigné par l'organisation d'origine du document.	—	Número asignado por la organización de donde procede.
13 —	Availability Où se procurer les textes visés Disponibilidad	—	Address or code of contributing centre from which nonconventional documents can be obtained (see Centres Participating in AGRIS given on pages 62-65).	—	Pour les documents qui ne sont pas distribués par les voies normales, adresse ou numéro de code du centre participant auprès duquel il est possible de se les procurer (voir la liste des Centres participant à AGRIS donnée aux pages 62 à 65).	—	Dirección o código del centro contribuyente del que pueden obtenerse documentos no convencionales (véase la lista de Centros que participan en AGRIS en las páginas 62-65).
14 —	Conference title, place and date Dénomination, lieu et date de la conférence Título, lugar y fecha de la conferencia	—	Cited for literature presented at a conference shown in square brackets.	—	Indications entre crochets pour les textes présentés à une conférence.	—	Citado cuando un documento fué presentado en una congerencia y que figura entre corchetes.

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- 006058 Production and export control in Thailand and the marketing in Europe of tapioca pellets.** (En). Mathot, P.J. (Cehave n.v., Veghel (Netherlands). Research and Development Dept.). IDRC-031e. Araullo, E.V.; Nestel, B.; Campbell, M. (eds.). International Development Research Centre, Ottawa (Canada). Cassava processing and storage. Proceedings of an interdisciplinary workshop. ISBN 0088936036. Ottawa (Canada). IDRC. 1974. p. 27-42. Also in microfiche. Summary (En, Fr). *IDRC, Ottawa (Canada).
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- 006060 Problems of the Thai tapioca trade.** (En). Tulananda, D. (Bangkok Bank Ltd. (Thailand)). IDRC-031e. Araullo, E.V.; Nestel, B.; Campbell, M. (eds.). International Development Research Centre, Ottawa (Canada). Cassava processing and storage. Proceedings of an interdisciplinary workshop. ISBN 0088936036. Ottawa (Canada). IDRC. 1974. p. 51-57. Also in microfiche. Tables Summary (En, Fr). *IDRC, Ottawa (Canada).
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- 006146 Agronomy and physiology of triticales.** (En). Fischer, R.A. (Centro Internacional de Mejoramiento de Maiz y Trigo, Mexico City (Mexico)). IDRC-024e. MacIntyre, R.; Campbell, M. (eds.). Centro Internacional de Mejoramiento de Maiz y Trigo, Mexico City (Mexico); Manitoba Univ., Winnipeg (Canada); International Development Research Centre, Ottawa (Canada). Triticale. Proceedings of an International Symposium. ISBN 0088936028. Ottawa (Canada). International Development Research Centre. 1974. p. 201-209. Also in microfiche. 6 ref. Summary (En, Fr). *IDRC, Ottawa (Canada).
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Assistance Technique Suisse, Zurich (Switzerland)
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Canadian International Development Agency, Ottawa
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Central Tuber Crops Research Institute,
Trivandrum (India)

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Centro Agronomico Tropical de Investigacion y
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Centro Internacional de Agricultura Tropical,
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Centro Internacional de la Papa, Lima (Peru)
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Centro Internacional de Mejoramiento de Maiz y
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Centro para el Desarrollo Rural y Cooperativo,
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Food and Agriculture Organization of the United
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Fundacion Bariloche, Buenos Aires (Argentina)
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Instituto Colombiano Agropecuario, Bogota
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Instituto de Investigaciones Agropecuarias,
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Instituto de Nutricion de Centro America y
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Instituto Interamericano de Cooperacion para la
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International Atomic Energy Agency, Vienna
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International Center for Agricultural Research in
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International Grain Legume Information Centre,
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International Institute of Tropical Agriculture,
Ibadan (Nigeria)

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International Laboratory for Research on Animal
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International Livestock Centre for Africa, Addis
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International Society for Tropical Root Crops,
Bogota (Colombia)

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International Society for Tropical Root Crops,
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International Union of Food Science and
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International Union of Nutritional Sciences,
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Ministry of Agriculture and Cooperatives, Bangkok
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Sociedad Internacional de Raices Comestibles
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298242

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Study and Research in Agriculture, College,
Laguna (Philippines)
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Union de Países Exportadores de Banano, Panama
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548029 556835

Union internationale des sciences de la
nutrition, Goteborg (Sweden)
828271

Union internationale des sciences de la
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Union internationale des sciences et techniques
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United Nations Conference on Science and
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United States. Agency for International
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Panama (IDIAP)
Departamento de Informacion Cientifico-
Tecnologica
Santiago, Veraguas
- * **PARAGUAY (XL)** PY
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Ministerio de Agricultura y Ganaderia
Presidente Franco 479
Asuncion
- * **PERU (XL)** PE
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Universidad Nacional Agraria
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1200 Lisbon

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Portuguese National FAO Committee
Ministerio dos Negocios Estrangeiros
Palacio das Necessidades
Lisbon
- * **ROMANIA** RO
Oficiul da Informare Documentara pentru
Agricultura si Industria Alimentaria
Academiei de Stiinta Agricole si Silvice
Bv. Marasti 61
Bucuresti 33
- * **RWANDA** RW
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Service de presse
Ministere de l'agriculture et de l'elevage
B.P. 621
Kigali
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Research and Development Department
Ministry of Agriculture and Water
Riyadh
Telex: 201108 AGRWAT
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Centre de Documentation
Ministere du Developpement Rural
B.P. 4005
Dakar
- * **SIERRA LEONE** SL
Rice Research Station
Rokupr
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Central University
National University of Singapore
Kent Ridge
Singapore 0511
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Centro de Enlace AGRIS
Jose Abascal 56
Madrid 3
Telex: 23425 AGRIM
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Central Library
Department of Agriculture
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Peradeniya
- * **SUDAN** SD
Agricultural Research Corporation
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Wad Medani
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Secretary, Agricultural Sub-Committee
National Research Council
Malkerns Research Station
P.O. Box 4
Malkerns
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Ulnabiblioteket
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Telex: 76062 ULTBIBL
- * **SWITZERLAND** CH
Station Federale de Recherches d'Economie
d'Entreprise et de Genie Rural
CH-8355 Taenikon TG
- * **TANZANIA, UNITED REPUBLIC OF** TZ
Agricultural Library
Ministry of Agriculture
P.O. Box 2066
Dar es Salaam
- * **THAILAND (XB)** TH
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Kasetsart University Library
Bangkhen
Bangkok 9
- * **TOGO** TG
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Ministere du Plan
BP 2818
Lome
Telex: 3501
- * **TRINIDAD AND TOBAGO (XL)** TT
Library
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Telex: 303

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 30 rue Alain Savary
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 Telex: 12028 BIRH</p> <p>TURKEY TR
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 <i>Turkish National FAO Committee</i>
 <i>Int. Agricultural Relations Dept.</i>
 <i>Ministry of Agriculture and Forestry</i>
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 <i>Ankara</i></p> <p>* UNITED KINGDOM (XE) GB
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 Telex: 487964 COMAG</p> <p><i>Liaison:</i>
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 AGRIS Liaison Office
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 National Agricultural Library
 United States Department of Agriculture
 Beltsville, Md. 20705
 Telex: 710-828-0506</p> <p>* URUGUAY (XL) UY
 Sistema de Informacion Agricola de Uruguay
 Centro de Investigaciones Agricolas "Alberto Boerger"
 Casilla de Correos 1217
 Montevideo</p> <p>* USSR SU
 AGRIS Input Centre
 Vsesoiuznyi Nauchno-Issledovatel'skii Institut Informacii i Tehniko-Ekonomicheskikh Issledovaniia po Selskomu Hoziaistvu
 Orlikov Pereulok 3, Korpus A
 Moskva 107139</p> <p>* VENEZUELA (XL) VE
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 Centro Nacional de Investigaciones Agropecuarias - CENIAP
 Apartado 4653
 Maracay 2101 Aragua
 Telex: 43402 SIRCA</p> <p>* VIET NAM VN
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 <i>Service d'Information et Vulgarisation</i>
 <i>Agricoles</i>
 <i>12 Mac-Dinh-Chi</i>
 <i>Ho Chi Minh</i></p> <p>YEMEN ARAB REPUBLIC YE
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 <i>AGRIS Liaison Office</i>
 <i>Agricultural Research Service</i>
 <i>P.O. Box 4788</i>
 <i>Taiz</i></p> <p>* YUGOSLAVIA YU
 Institut za Organizaciju Poslovanja Ekonomski Fakultet
 Adolfa Singera 12
 Subotica 24000
 Telex: 15177 YU IOP SUB</p> | <p>* ZAIRE ZR
 Centre de Documentation Agricole
 BP 7537
 Kinshasa 1
 Telex: 21346 CDA-ZR</p> <p>* ZAMBIA ZM
 Ministry of Lands and Agriculture
 Research Branch
 Mount Makulu Research Station
 P.O. Box 7
 Chilanga
 Telegram: RESEARCH</p> <p><i>Liaison</i>
 <i>National Council for Scientific Research</i>
 <i>P.O. Box CH 158</i>
 <i>Chelston</i>
 <i>Lusaka</i>
 <i>Telegram: NACSIR CHELSTON LUSAKA</i></p> <p>ZIMBABWE ZW
 <i>Liaison only:</i>
 <i>Central Library</i>
 <i>Ministry of Agriculture</i>
 <i>Private Bag 7701</i>
 <i>Causeway, Harare</i></p> | <p>Multinational and International Centres</p> <p>* centres contributing input</p> <p>* AIBA XB
 Agricultural Information Bank for Asia,
 South-East Asian Regional Center for
 Graduate Study and Research in
 Agriculture (SEARCA)
 College, Laguna 3720 - Philippines
 Telex: 64628 SEARCA</p> <p>Input from the following countries, territory and institution is being submitted through this organization:
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 European Communities through the
 Commission of the European Communities,
 DG XIII Scientific and Technical
 Information and Information Management
 Batiment Jean Monnet
 Avenue de Gasperi
 Kirchberg - Luxembourg</p> <p>Input from the following countries is being submitted through this organization:
 Belgium, Denmark, France, Germany F.R., Ireland, Italy, Luxembourg, Netherlands, Portugal, UK</p> <p>* CIDIA XL
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 CIMMYT, International Maize and Wheat Improvement Centre (Mexico)
 CIP, International Potato Centre (Peru)</p> <p>* FAO XF
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 Library and Documentation Systems Division
 Via delle Terme di Caracalla
 Roma - Italy
 Telex: 610181</p> <p>Input received from the following institutes and organizations is being submitted through this organization:
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 IDRC, International Development Research Centre, Ottawa (Canada)
 ILCA, International Livestock Centre for Africa, Addis Ababa (Ethiopia), Telex: 21207
 IUFRO, International Union of Forestry Research Organizations, Vienna (Austria)</p> <p>* OMVS XV
 Centre de Documentation de l'Organisation pour la Mise en Valeur du Fleuve Senegal
 Saint Louis - Senegal</p> |
|---|--|--|

TABLE OF COUNTRY AND INSTITUTION CODES

TABLEAUX DES INDICATIFS DE PAYS ET D'INSTITUTIONS LISTA DE LAS ABREVIATURAS DE PAISES E INSTITUCIONES Derived from ISO 3166

AR	ARGENTINA (XL)	GT	GUATEMALA (XL)	PE	PERU (XL)
AT	AUSTRIA	GY	GUYANA (XL)	PH	PHILIPPINES (XB)
AU	AUSTRALIA	HK	HONG KONG (XB)	PK	PAKISTAN
BD	BANGLADESH (XB)	HN	HONDURAS (XL)	PL	POLAND
BE	BELGIUM (XE)	HT	HAITI (XL)	PT	PORTUGAL (XE)
BG	BULGARIA	HU	HUNGARY	PY	PARAGUAY (XL)
BJ	BENIN	ID	INDONESIA (XB)	QM	ILCA (XF)
BO	BOLIVIA (XL)	IE	IRELAND (XE)	QN	APIMONDIA (XF)
BR	BRAZIL	IL	ISRAEL	QO	IUFRO (XF)
BU	BURMA	IN	INDIA	QP	CIP (XL)
CA	CANADA	IQ	IRAQ	QT	CIAT (XL)
CF	CENTRAL AFRICAN REPUBLIC	IR	IRAN	QY	CIMMYT (XL)
CG	CONGO	IS	ICELAND	RO	ROMANIA
CH	SWITZERLAND	IT	ITALY (XE)	RW	RWANDA
CL	CHILE (XL)	JM	JAMAICA (XL)	SA	SAUDI ARABIA
CM	CAMEROON, UNITED REPUBLIC OF	JP	JAPAN	SD	SUDAN
CO	COLOMBIA (XL)	KE	KENYA	SE	SWEDEN
CR	COSTA RICA (XL)	KR	KOREA R. (XB)	SG	SINGAPORE (XB)
CS	CZECHOSLOVAKIA	KW	KUWAIT	SL	SIERRA LEONE
CU	CUBA	LB	LEBANON	SN	SENEGAL
CY	CYPRUS	LK	SRI LANKA	SO	SOMALIA
DD	GERMAN DEMOCRATIC REPUBLIC	LR	LIBERIA	SU	USSR
DE	GERMANY, FEDERAL REPUBLIC OF (XE)	LS	LESOTHO	SV	EL SALVADOR (XL)
DK	DENMARK (XE)	LU	LUXEMBOURG (XE)	SZ	SWAZILAND
DO	DOMINICAN REPUBLIC (XL)	LY	LIBYAN ARAB JAMAHIRIYA	TG	TOGO
DZ	ALGERIA	MA	MOROCCO	TH	THAILAND (XB)
EC	ECUADOR (XL)	MG	MADAGASCAR	TN	TUNISIA
EG	EGYPT	ML	MALI	TR	TURKEY
ES	SPAIN	MT	MALTA	TT	TRINIDAD AND TOBAGO (XL)
ET	ETHIOPIA	MU	MAURITIUS	TZ	TANZANIA, UNITED REPUBLIC OF
FI	FINLAND	MX	MEXICO (XL)	US	UNITED STATES
FR	FRANCE (XE)	MY	MALAYSIA (XB)	UY	URUGUAY (XL)
GA	GABON	NG	NIGERIA	VE	VENEZUELA (XL)
GB	UNITED KINGDOM (XE)	NI	NICARAGUA (XL)	VN	VIET NAM
GH	GHANA	NL	NETHERLANDS (XE)	XB	AIBA
GN	GUINEA	NO	NORWAY	XE	CEC
GR	GREECE (XE)	NP	NEPAL	XF	FAO
		NZ	NEW ZEALAND	XL	CIDIA
		PA	PANAMA (XL)		

TABLE OF COUNTRY AND INSTITUTION CODES

XV	OMVS
YE	YEMEN ARAB REPUBLIC
YU	YUGOSLAVIA
ZM	ZAMBIA
ZR	ZAIRE
ZW	ZIMBABWE

TABLE OF LANGUAGE CODES USED IN ENTRIES TABLEAU DES INDICATIFS DE LANGUE UTILISÉS DANS LES NOTICES LISTA DE LAS ABBREVIATURAS DE IDIOMAS UTILIZADAS EN LOS ASIENTOS (DERIVED FROM ISO/R 639)

Af	Afrikaans — Afrikaans — Afrikaans	Ja	Japanese — Japonais — Japonés
Al	Albanian — Albanais — Albanés	Ko	Korean — Coréen — Coréano
Ar	Arabic — Arabe — Árabe	La	Latin — Latin — Latin
Be	White Russian — Biélorussien — Ruso blanco	Li	Lithuanian — Lithuanien — Lituano
Bg	Bulgarian — Bulgare — Bulgaro	Lv	Latvian — Letton — Leton
Ch	Chinese — Chinois — Chino	Ma	Macedonian — Macédonien — Macedonio
Cs	Czech — Tchèque — Checo	Nl	Dutch — Hollandais — Holandés
Da	Danish — Danois — Danés	No	Norwegian — Norvégien — Noruego
De	German — Allemand — Aleman	Pe	Persian — Persan — Persa
Ee	Estonian — Estonien — Estonio	Pl	Polish — Polonais — Polaco
En	English — Anglais — Inglés	Pt	Portuguese — Portugais — Português
Es	Spanish — Espagnol — Espanol	Ro	Romanian — Roumain — Rumano
Fi	Finnish — Finnois — Finlandés	Ru	Russian — Russe-Ruso
Fr	French — Français — Francés	Sa	Sanskrit — Sanscrit — Sanscrito
Gr	Greek — Grec — Griego	Sh	Serbo-Croat — Serbo-Croate — Servocroata
He	Hebrew — Hébreu — Hebreo	Sk	Slovak — Slovaque — Eslovaco
Ha	Hungarian — Hongrois — Hungaro	Sn	Slovenian — Slovène — Esloveno
In	Indonesian — Indonésien — Indonesio	Sv	Swedish — Suédois — Sueco
Is	Icelandic — Islandais — Islandés	Tr	Turkish — Turc — Turco
It	Italian — Italien — Italiano	Uk	Ukrainian — Ukrainien — Ucrainiano
		Ur	Urdu — Ourdu — Urdu

