Asian Agriculture:
A Sourcebook
The CGPRT Centre
The Regional Co-ordination Centre for Research and Development of Coarse Grains, Pulses, Roots and Tuber Crops in the Humid Tropics of Asia and the Pacific (CGPRT Centre) was established in 1981 as a subsidiary body of UN/ESCAP.

Objectives
In co-operation with ESCAP member countries, the Centre will initiate and promote research, training and dissemination of information on socio-economic and related aspects of CGPRT crops in Asia and the Pacific. In its activities, the Centre aims to serve the needs of institutions concerned with planning, research, extension and development in relation to CGPRT crop production, marketing and use.

Programmes
In pursuit of its objectives, the Centre has three interlinked programmes to be carried out in the spirit of TCDC: Research, which entails the preparation and implementation of studies covering production, utilization and trade of CGPRT crops in the countries of Asia and the South Pacific; Training of national research and extension workers; Information and documentation which encompasses the collection, processing and dissemination of relevant information for use by researchers, policy makers, and extension workers.

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This series is published by the CGPRT Centre, Bogor. The series will contain research papers, statistical excerpts and bibliographies. Editor for the series is J.W. Taco Bottema, Agricultural Economist. For further information, please contact:

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Bogor 16111
Indonesia
Asian Agriculture:
A Sourcebook
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The opinions expressed in signed articles are those of the authors and do not necessarily represent the opinion the United Nations.
Asian Agriculture: A Sourcebook

Compiled by
Sri Wahyuni Soeripto
Judith Green

CGPRT Centre
Regional Co-ordination Centre for
Research and Development of Coarse Grains,
Pulses, Roots and Tuber Crops in the
Humid Tropics of Asia and the Pacific
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Foreword

The emergence of agricultural economic research as a special area is a relatively recent phenomenon in developing Asia. Its significance is increasing, as a higher proportion of products are now being marketed and as farming has become a business requiring economic and financial decisions, in addition to technical ones.

The sourcebook may be of use for researchers, libraries, national and international organizations engaged in agriculture. It contains cross indexed lists of institutes and sources of information. In its present state the sourcebook is not complete, it is unlikely that it could ever be. It is hoped that with the help of users second versions could be expanded and updated.

This sourcebook has been prepared from the resources and information available in the CGPRT Centre, especially the Centre's Library. The library has been developed to assist research on the agricultural economic aspects of secondary crops. I hope this book is useful as a basic tool for researchers and policy planners working in the area of agricultural economics.

Seiji Shindo
Director
CGPRT Centre
Acknowledgements

This sourcebook has been compiled with the help and encouragement of Mr. J.W. Taco Bottema. We thank him for patient reading through the drafts and his critical comments to improve the contents of this book.

Professional assistance of the staff at the CGPRT Centre is gratefully acknowledged and special thanks are due to the following staff members, Mr. John Owens, Mr. Prayogo U. Hadi, Mr. Deddy Subandi M., Mr. Taufik Angkasali, and Mr. Sutisna Wijaya.

Sri Wahyuni Soeripto
Judith Green C
Compilers
Introduction

This volume presents sources on agricultural and statistical information in Asia. The reason for compiling it is a simple one. In recent years a massive amount of information has become available in Asia. The concentrated efforts of the FAO and the CGIAR research institutes, and ICRISAT have been known for fairly long time.

Recently a large number of institutes have released new, more specialized information while at the same time statistical information is available in ever increasing quantity and quality. There is a need for a simple listing of sources of information on Asia from outside the region and more importantly from the region itself. This volume lists a large number of institutes, and provides a directory of directories and a bibliography of bibliographies. It also lists a selection of journals and newsletters of relevance.

With regard to statistical information a few remarks are necessary. It has been the experience of the CGPRT Centre that national statistics are severely under-used and that quality of much research could be improved by showing more respect for the variety and quality of national data sources. Yet, in tackling this task it is clear that exhaustive listing of data sources in the region is a very difficult task. In a later version of this volume the section on statistics will be updated and expanded. However, to underline the wealth of information available a selection of statistical information available in Indonesia has been presented.

Chapter 6 lists national and international organizations which engage in Asian agriculture and disseminate information.

This chapter is cross referenced with all organizations mentioned in the source book. This chapter may be useful for libraries in Asia which wish to keep in touch with the large flow of information which is usually available free of charge.

Finally, to stimulate the involvement of private distributors in the distribution of information on Asian agriculture in the developed world as well as in Asia, a list of publishers and distributors has been included. We hope that more extensive use of private and non profit distributors will result in the long run in a wider flow of information to users in Asia and the rest of the world.

It will be clear from the above description of the contents of this volume that it seeks to assist users in Asia as well as outside Asia. It is fully recognized that users in Asia face entirely different problems in access to information as compared to users in the industrialized world. Library budgets are invariably inadequate because of overall budgets constraints, language is always a problem and career rewards for using up-to-date information may not come automatically for researchers of agriculture in the developing countries of Asia.

Yet, in the past decades substantial progress can be noticed in the collections and management of small libraries serving universities, research institutes, and NGOs. It is hoped that this volume will contribute to the expansion of their collection and use of information.

Users in the industrialized world face different constraints when seeking information in Asia. The availability of the massive datasets through on line services
Introduction

regarding technical issues contrasts sharply with sometimes shallow statistical basis of research. Especially agricultural economical literature of a general nature tends to view that Asia lives by rice alone. This, as is well-known in Asia, is not the case. This volume may serve to widen the perspective on Asia and to contribute to the recognition of the many facets, aspects and details of Asian agriculture.
Introduction

Many abstracts and indexes covering agricultural economics and related disciplines are now easily available from many agricultural databases which can be accessed through on-line service systems. The on-line files version is usually derived from the machine-readable magnetic tape version which is used in the preparation of the printed version. The number of agricultural economic records available on-line is extremely impressive. However, many countries may find on-line access via telecommunication not yet possible or even impossible. Recent developments in information technology have enabled access to information databases via CD-ROM (Compact Disc Read Only Memory), the new information medium, which does not need expensive and sophisticated telecommunication systems.

Many libraries and information services built their own in-house databases by using PC or mini-computers. Their databases are not accessible through on-line services, but some of them have been able to provide services via CD-ROM, diskette and/or in printed form.

Some on-line databases and in-house databases plus their addresses are listed here. These may be useful for the agricultural economists. Some well-known databases are listed under the database's name then followed by in-house databases listed under their institution's name in alphabetical order.

AGRIASIA, CARIS-SEA, and APINMAP

Agricultural Information Bank for Asia (AIBA)
SEARCA
4031 College, Laguna
Philippines
Tel. 2380, 2576 & 3459 (Los Banos Line)
Tx. (ITT) 40904 SEARCA PM
Fac. (632) 817 05 98

AIBA is a project of the Southeast Asian Regional Center for Graduate Study and Research in Agriculture (SEARCA). It is a regional co-ordinating center for agricultural scientific information services in Asia. Its databases are AGRIASIA, CARIS-SEA and APINMAP. They contain information on tropical agriculture in the Southeast Asian region from the network countries (i.e. Indonesia, Korea, Malaysia, The Philippines, Singapore and Thailand).

AGRIASIA: a bibliographic database composed of almost 85,000 records of Southeast Asian scientific agricultural literature covering the period from 1977 to the present. The citations are taken from serials, books, conference papers, research reports, theses,
Databases, On-Line Services and CD-ROM

maps, standards, pamphlets, brochures etc. 70% - 80% of the literature cited are non-conventional or unpublished.

Its publication is Agriasia: a current bibliography of Southeast Asian agricultural literature. Published quarterly. It also publishes special bibliographies. CARIS-SEA: a database on ongoing agricultural research in the region. The printed output of this database is published annually in the form of an inventory.

APINMAP (Asian Pacific Information Network for Medicinal and Aromatic Plants) sponsored by UNESCO.

APINMAP is an integrated database (i.e., bibliographic as well as a non-bibliographic, referral-type database) on medicinal and aromatic plants.

Data from AGRIASIA and CARIS-SEA are forwarded to AGRIS processing unit in Vienna, Austria where they are further merged with other current agricultural literature from all over the world into AGRIS and CARIS databases. AGRIASIA and CARIS-SEA can be searched in response to users' information needs. Selective Dissemination of Information (SDI) services is also available. The information can be obtained in diskette and/or printed form.

AGRICOLA
National Agricultural Library of the U.S. Department of Agriculture
Beltsville, MD 20705 USA.

The AGRICOLA database contains bibliographic records of materials acquired by the National Agricultural Library (NAL) and co-operating institutions in the agricultural and related sciences. Ninety percent of the records describe journal articles and book chapters, and the remaining ten percent describe monographs, series, microforms, audiovisuals, maps, and other types of materials. Together they provide worldwide coverage of the agricultural literature. It contains 3 million citations, from 1970 to the present.

On-line services
AGRICOLA can be accessed through DIALOG Information Services (USA), BRS Information Technology (USA).

AGRICOLA on CD-ROM
AGRICOLA database is also available on CD-ROM. Updated quarterly.

AGRIS (FAO's International Information System for Agricultural Science and Technology) Database
AGRIS Co-ordination Centre
Food and Agricultural Organization of the United Nations.
Via delle Terme di Caracalla
00100, Rome, Italy
Tel. (6) 5797, 4993
Tx. 610181 FAO I
Fac. 657973152
E-Mail: EARN/BITNET ID GILSN2 @IRMFAO01
This international bibliographic database is produced by the AGRIS Co-ordinating Centre of the FAO in co-operation with participating countries and international organizations. The database was established in 1975. It consists of data submitted by 143 national AGRIS centres and 17 international and regional centres, and includes serial articles, books, published conference proceedings and scientific and technical reports, theses and conference papers. Subject scope is worldwide coverage of agricultural sciences and technology. This includes agricultural administration, agricultural economics, crops, economics, food, plant production, rural development. The whole database contains 1,800,000 references as per Jan. 1991. The time span of the information collected dates from 1975 to the present.

On-line access
AGRIS database is accessible on-line through several hosts, namely: DIALOG Information Services, Inc. (USA) and only non-US part of AGRIS; DIMDI (Deutsches Institut fur Medizinische Dokumentation und Information, Cologne, Germany); IAEA (International Atomic Energy Agency, Vienna, Austria) and; ESA-IRS (Italy).

AGRINDEX on CD-ROM
AGRIS database is also available in CD-ROM. Available discs are 1989 - December 1990 and Archival: 1986-1988. Archival set: 1975-1985, is currently under preparation. The information can also be obtained in the form of diskette and magnetic tape. The database on CD-ROM is updated quarterly.

Printed products of AGRIS is Agrindex

AGROSTAT (FAO Information System of Agricultural Statistics)
FAO. Economic and Social Policy Department. Statistic Division
Via delle Terme di Caracalla
00100 Rome
Italy
Tel. (6) 57971
Tx. 610181 FAO I
Pac. 5782610/57973152
Cab. FOODAGRIROME

AGROSTAT is a numeric referral database. It covers worldwide data on population, land use and agricultural input-output tables, agricultural production (crops, livestock), agricultural trade (crops, livestock), and food (availability, use and intake). The statistical data of these areas are available starting from 1961, except for the land use and agricultural inputs which start from 1967.

The information can be accessed via magnetic tape, diskette, on-line (experimental) and printout. Yearly publications corresponding to the database, are FAO yearbooks.
CAB ABSTRACTS
Commonwealth Agricultural Bureau International (CABI)
Information Services
Wallingford
Oxon, OX10 18DE
United Kingdom
Tel. (0491) 32111
Tx. 847964 (COMAGG G)
Fac. (491) 33508
E-Mail: Telecom Gold/Dialcom: 84: CAUOO1

CAB International (CABI) is an international, intergovernmental organization registered
with the United Nations. CABI Information Services creates a bibliographic database of
research on agriculture, forestry and allied disciplines. Over 12,000 serials and 5,000 other
publications are scanned, and approximately 130,000 bibliographic records are compiled each
year. This computerized database provides a wide range of information services and products in
hard copy and machine-readable form, designed to meet a variety of customer needs.

On-line Retrieval
The machine-readable database, known as CAB abstracts, is publicly accessible on-line through
DIALOG Information Services (USA), BRS Information Technology (USA), ESA-IRS (Italy),
DIMDI (GFR), JICST and Tsukuba Daigaku (Japan), and CAN-OLE (Canada). The whole
database, which dates back to 1973, contains over 2 million records.

CAB ABSTRACTS on CD-ROM
The database is also available on CD-ROM. Volume one contains bibliographic citations and
abstracts for 1984-86; the second volume contains the 1987-89 data; and data for 1990-1992 has
also been released Updated annually.

FOOD, AGRICULTURE AND SCIENCE. Consultative Group on International
Agricultural Research (CGIAR), prototype disk.
Consultative Group on International Agricultural Research
1818 H. Street, N.W.
Washington, D.C. 20433, U.S.A.
Tel. (202) 334 8021
Cab. INTBAFRAD
E-Mail: ITT Dialcom: 57: CGIO01

The CGIAR produces a prototype database on CD-ROM (Compact Disk). It contains 6,000
publications, full-text with illustrations of 20 international agricultural research centres, 1970-
1986. This CD-ROM is accompanied by trilingual aids in English, French, and Spanish on
floppy disks. This prototype disk is distributed free by international agricultural research
centers, to interested institutions in developing countries.
TROPAG & RURAL
Royal Tropical Institute (KIT) Information and Services
63 Mauritskade
1092 AD Amsterdam
The Netherlands
Tel. (020) 5688290
Tx. 15080 KIT NL
Fac. (20) 5688444
Cab. INTROPEN

KIT provides libraries and other information centres with direct access to its databases on tropical agriculture (TROPAG) and rural development (RURAL). Approximately 75,000 abstracts from two databases, cover information on crop production and protection, farming systems, cultural practices, economic policy and planning, nutrition, and health care. The database contains bibliographic information from 1975 to date.

On-line Retrieval
TROPAG database, the machine-readable version of ATA (Abstracts on Tropical Agriculture) is available on-line via Orbit Search Service, Maxwell On-line.

TROPAG and RURAL are available on CD-ROM and hard copy.
Databases on CD-ROM are updated annually. Printed publications of TROPAG and RURAL are:
  - Abstracts on Tropical Agriculture (TROPAG)
  - Abstracts on Rural Development in the Tropics (RURAL)

Databases Listed Under Institutions

CGPRT Centre (Regional Research and Development Centre for Coarse Grains, Pulses, Roots and Tubers)
Jl. Merdeka 145
Bogor 16111
Indonesia
Tel. (0251) 328399, 326290
Tx. 48369 AARDMA IA
Fac. 62 251 326290

In the Asian region, many special libraries have been utilizing a software programme, Mini-micro CDS/ISIS, developed by UNESCO. CDS/ISIS is an information storage and retrieval system designed specifically for the computerized management of a library, documentation or information database. The CGPRT Centre Library has built two databases using this programme: IILIB and MAGA

IILIB database contains bibliographic information on the library's holdings of books, reports, conference proceedings, chapter contents, journal articles and papers, in the field of agricultural economics on CGPRT crops. At present the database contains 3,800 records, which includes a special collection of agricultural statistical materials. This collection is primarily used by the RSDS Database as an information source. The
information retrieval service is available on request, in the form of a printed list of references.

MAGA database contains serials received by the CGPRT Centre Library.

RSDS database
The Centre has also established a statistical database maintained by the Regional Statistical Database Systems Section.

RSDS III (Regional Statistical Database System) is a programme developed in-house by the RSDS Section. This database is being developed to cover statistical information on Coarse Grains, Pulses, Root and Tuber Crops in the Asia and Pacific region. The information provides time series data and general economic indicators on area, production and yield development, farmgate, wholesale and retail prices, agricultural wages, consumption and cost of production and trade. Data on both Indonesia and Thailand have already been covered, and the Philippines is in the process of data entry. Other countries such as Malaysia, Myanmar, Viet Nam, Bangladesh, India, Pakistan, Sri Lanka and China, as well as countries in the Pacific region, are in the process of joining the RSDS.

The statistical data from RSDS is available on request. The information can be acquired in printed form or on floppy disks. From this database, statistical profiles for Indonesia and Thailand have been published:


CIAT (International Center for Tropical Agriculture)
Apartado Aereo 6713
Cali, Colombia
Tel. 57 23 675050
Tx. 05769 CIAT CO
Fac. 57 23 677243
E-MAIL ITT Dialcom ID 57:CGI301

CIAT's library collection contains over 40,000 volumes with an emphasis on tropical agriculture. CIAT has several databases: CINFOS, SERIAD, BICIAT.

CINFOS contains references and abstracts from more than 37,000 research documents covering the world literature on common beans and cassava (in Spanish and English), and tropical pastures (Spanish only).

SERIAD contains bibliographic information and holdings for 3,000 journals, newsletters and other serial publications located at CIAT, as well as 5,000 other journals located in other international agricultural research centres.
BICIAT contains references to more than 3,000 publications produced by the CIAT scientific and technical staff.

CIAT disseminates bibliographic information on common beans, cassava and tropical pastures to world-wide user through its quarterly publications: Abstracts on Field Beans, Abstracts on Cassava, and Resumenes Analíticos sobre Pastos Tropicales.

CIP (International Potato Center)
Apartado 5969
Lima, Peru
Tel. 366920; 354354
Tx. 25672 PE
Fac. 351570
Cab. CIPAPA, Lima
E-Mail. 157:CGI801; CIP; 157:CGIO43; CIP-ISD

CIP's library collection contains literature on potato and sweet potato from throughout the world. It emphasizes findings from national institutions and universities in the developing world. CIP has several databases containing references on potato and sweet potato.

CIP DATABASE contains over 32,000 bibliographic references from CIP's library collection;

AGRIS. Potato and Sweet Potato contains references extracted from FAO's bibliographic database, 1975 to present;

CABI. Potato and Sweet Potato contains references and abstracts from CABI database. Produced by CAB International, 1984 to present;

Potato and Sweet Potato Network Database contains basic information on individuals and institutions involved in potato and sweet potato research activities.

CIMMYT (International Maize and Wheat Improvement Center)
Headquarters
Lisboa 27
Apartado Postal 6-641
06600 Mexico, D.F.
Mexico
Tx. 1772023 CIMTME
Fac. NATL: 91 595 41069; INTL: 525 954 1069
E-MAIL. (DIALCOM) 157:CGI201

CIMMYT’s library collection of over 6,000 books and 600 journals has literature on wheat, maize and triticale collected from throughout the world. CIMMYT also has several databases on its mandated crops:

LIBR contains references to 6,000 books, reprints and reports in the CIMMYT library;
SERI contains titles and holdings of 600 journals, newsletters and other serials in the CIMMYT library;

INTD contains CIMMYT internal documents;

AGRB contains references to 50,000 documents on cereal production from the AGRIS database;

CABI contains references and abstracts to 50,000 documents published on maize, wheat, barley and triticale.

CIMMYT also has World Weather Disks which contains climatological records from thousands of weather stations around the globe, dating from the 18th century to the present.

CIMMYT disseminates bibliographic information on its mandated commodities through the joint CABI-CIMMYT bi-monthly publications: Wheat, barley and triticale abstracts; Maize abstracts.

FADINAP/ARSAP Databases
United Nations
Economic and Social Commission for Asia and the Pacific
The United Nations Building
Rajadamnern Avenue
Bangkok 10200, Thailand
Tel. 2829161 200; 2829381 389
Tx. 82392 ESCAP TH; 82315 ESCAP TH
Fac. 2829602
Cab. ESCAP BANGKOK

The ESCAP/FAO/UNIDO Fertilizer Advisory, Development and Information Network for Asia and the Pacific (FADINAP) and the Agricultural Requisites Scheme for Asia and the Pacific (ARSAP) both collect, analyze, and disseminate information on socio-economic aspects of crop protection and fertilizer trade, distribution and use. To this end they have compiled a number of databases, as described below.

BIBLIOGRAPHIC database: 5,000 citations (as of May 1991) on fertilizers and crop protection in Asia and the Pacific. Some general background information on agriculture in the region is covered, and some technical information which is not specific to any particular geographical area.

Publication: RISS: Regional Information Support Service, an abstract journal on fertilizer-related subjects (monthly, annual index)

DIRECTORY database: sources of fertilizer-related information. Organizations, government agencies and fertilizer producers are listed, with names, addresses, telephone, fax, telex and cable information, type of organization, products/interests, and serial publications (as of May 1991, 900 entries).
Databases, On-Line Services and CD-ROM


FERTILIZER prices and trade: in Asia and the Pacific, from 1985 to the present date. Includes information on purchasers, origins or loading ports, destinations, prices/ton, quantities purchased, dates and suppliers.

Publications: FADINAP Fertilizer Trade Information (monthly); Fertilizer Trade Information Telex (twice a month).

IPHYTROP: Pesticides available in Asia and Pacific countries: active ingredients, trade names, importing or formulating countries, use, toxicity and antidotes.

Publication: Regional Agro-pesticide Index, 1990 edition: Asia, Africa, South Pacific Goint publication with International Co-operation Centre of Agricultural Research for Development (CIRAD)).

JOURNALS: Serials received by FADINAP Information/ Documentation Unit.

PROJECTS: Aid assisted fertilizer-related Projects in Asia and the Pacific: project names and numbers, funding organizations, implementing organizations, project aims and project types, budget.


THESAURUS: Terms for indexing information on fertilizers and plant protection and related subjects; presented with subject groupings, broader, narrower and related terms, lead-in term (synonyms and quasi-synonyms) and scope notes.


SATCRIS (Semi-Arid Tropical Crops Information Service)
ICRISAT - International Crops Research Institute for the Semi-Arid Tropics.
Patancheru, Andhra Pradesh 502 324
India
Tel. Hyderabad 91 (842) 224016
Tx. 422203 ICRI IN; 4256366 ICRI IN
Fac. 91(842) 241239
Cab. CRISAT, Hyderabad
E-Mail. Dialcom 157: CG1505

SATCRIS database. SATCRIS is an integral part of ICRISAT’s Library and Documentation Services Division. The SATCRIS database is built from subsets of machine-readable data from the CABI and AGRIS databases and local input. It contains both conventional and non-conventional literature on all five mandated crops (sorghum, pearl millet, chickpea, pigeonpea, and groundnut).

It provides a Selective Dissemination of Information (SDI) Service, which means that it disseminates information to meet specific individual needs and interests on
current literature. The search output is provided free, wherever possible. SATCRIS collaborates with CABI to produce three specialist abstracts journals covering the five mandate crops:

Sorghum and millet abstracts, commenced in 1987;
Chickpea and pigeonpea prompts, commenced in 1988;

These abstracts Journals are published by CABI and are distributed free to selected individuals and institutions all over the SAT.

Online retrieval
On-line information retrieval services only available within ICRISAT Centre.
**Bibliographies, Abstracts, Indexes and Other Reference Tools**

**Introduction**

Bibliographies, abstracts and indexes, provide access to the primary literature such as periodical articles, reports, theses, and published conference proceedings. The following bibliographies, abstracts and indexes are held in the CGPRT Centre Library. Following this list is some reference tools which are deemed important to help access to a brief information on a given subject, such as dictionaries, handbooks, and directories. This list is arranged in alphabetical order under author and title combined. Publications with no author/s name are entered under the title.


*Abstracts on cassava.* 1982; 1985; 1988 -. Cali, Colombia: CIAT.

*Abstracts on field beans.* 1988 -. Cali, Colombia: CIAT.


*Agrindex.* v. 12 (1986) -. Rome, Italy: Food and Agriculture Organization.

*Agritrop:* Agriculture and rural development in the tropics and subtropics. v. 13 (1989) -. Montpellier, France: CIRAD.


Bibliographies, Abstracts, Indexes and Other Reference Tools

Arora, Jagdish


Badruddoza, Kazi M.


**Bibliography on socio-economic studies on CGPRT (Coarse grains, pulses, roots and tubers) crops in the Philippines.** 1984. Los Banos, Laguna, Philippines: Philippine Council for Agriculture and Resources Research and Development. 16 p.


**Bibliography of soybean rust 1985-1986.** 1987. Shanhua, Tainan, Taiwan: Asian Vegetable Research and Development Center. 102 p. (AVRDC Library Bibliography Series; no. 4.)


Borlaug, Norman E.


Carlier, Hans


Diseases and insect pests of mungbean and blackgram: A bibliography. 1988. Shanhua, Tainan, Taiwan: Asian Vegetable Research and Development Center. 254 p. (AVRDC Library Bibliography Series; no. 5)

EnCarnacion, Emmanuel N.


Fildes, Robert; David Dews; Syd Howell


Garrity, Dennis P.


Gomez V., Stella; Nora Rizo P.


Hawkes, J.G.


Jensen, Harold J.; Judith Armstrong; Parviz Jatala
Annotated bibliography of nematode pests of potato. 1979. Lima, Peru: International Potato Center &. Oregon State University Experiment Station. 315 p.


Meyer, Paul A.; Colin MacAndrews and Richard Tampubolon
Transmigration in Indonesia: An annotated bibliography. 2nd ed. 1982. Yogyakarta, Indonesia: The Population Institute, Gadjah Mada University. 245 p. (PI-GMU Bibliography Series; no. 3)

Norman E. Borlaug

Passera, Carmen

Petocz, Ronald G.
Bibliographies, Abstracts, Indexes and Other Reference Tools


Soeripto, Sri Wahyuni


State of the art: Abstract bibliography of agrarian reform research. 1981. Los Banos, Laguna, Philippines: Philippine Council for Agriculture, Forestry and Natural Resources Research and Development. 61 p. (PCARRD Socio-economics Bibliography Series; no. 3)

State of the art: Abstract bibliography of com marketing researches. 1984. Los Banos, Laguna, Philippines: Philippine Council for Agriculture and Resources Research and Development. 43 p. (PCARRD Socio-economic Bibliography Series; no. 5)

State of the art: Abstract bibliography of farming systems research. 1984. Los Banos, Laguna, Philippines: Philippine Council for Agriculture and Resource Research and Development. (Farm Resource and Systems Bibliography Series; no. 2)

State of the art: abstract bibliography of peanut researches. 1985. Los Banos, Laguna, Philippines: Philippine Council for Agriculture and Resources Research and Development. 49 p. (Crops Bibliography Series; no. 4)
**Bibliographies, Abstracts, Indexes and Other Reference Tools**


**State of the art abstract bibliography of white potato researchers.** 1985. Los Banos, Laguna, Philippines: Philippine Council for Agriculture and Resources Research and Development. 71 p. (Crops Bibliography Series; no. 11)

Sutardji


**Transmigrasi.** n.d. Bogor, Indonesia: Pusat Perpustakaan Pertanian dan Biologi. 16 p. (Seri bibliografi; no. 38)


**OTHER REFERENCE TOOLS**

**Dictionaries and handbooks**


Burkill, I.H.


De Geus, J.G.


Heyne, K.


Singh, Umrao; A.M. Wardhwani; B.M. Johri


DIRECTORIES


Bibliographies, Abstracts, Indexes and Other Reference Tools
Journals, Current Awareness Publications

Introduction
These abstract and index services usually refer the agriculturalist and agricultural economist to the periodical literature. Periodicals (serials, journals), are the main communication media for the agricultural economist. Periodicals vary considerably in their subject coverage. Some cover broad fields, such as the American Economic Review. Others such as the Asian Potato Journal, Cassava Newsletter, are more specific.


Ulrich's International Periodical Directory lists more than 150 periodicals under the subject heading of Agricultural Economics. The periodicals listed include many different types, ranging from those concerned with research articles to those simply providing market reports on particular farm commodities.

Current Awareness Publications. The basic problem with abstracting and indexing journals is their currency. This presents a serious problem to the agricultural economist who wants to keep up to date with current developments. To alleviate this problem, a further range of journals often referred to as 'current awareness journals', have been produced. The basic function of these journals is to report the current periodical literature as quickly as possible. The following list covers the main current awareness journals. They are published mostly by International, Regional and National Institutes or Organizations. Addresses are listed in section 6, entered alphabetically under the acronym, for example IRRI for International Rice Research Institute. We have been collecting the addresses with our most effort, however, some of them have not been completed yet. The institution or organization name without its acronym means that the address is not available. This list is based on the CGPRT Centre Library collection, it represents only a part of the world's periodicals on agricultural economics.

Journals, Newsletters and Reports of Various Organizations
Agency for Agricultural Research and Development - Indonesia (AARD)
AARD newsletter
Indonesian agricultural research and development journal
Indonesian journal of crop science
Jurnal penelitian pengembangan pertanian
Warta penelitian dan pengembangan pertanian

Agency for International Development (AID)
AID resources report

Agraria Press Ltd (APL)
Agriculture International: The journal of international crop and animal husbandry
Journals, Current Awareness Publications

Agricultural Information Bank for Asia (AlBA)
   Aginfolink: A quarterly publication of the Agricultural Information Network – Southeast Asia
   Agriasia

Agricultural Products Services Centre
   Occasional bibliography

American Agricultural Economics Association (AAEA)
   AAEA newsletter
   American journal of agricultural economics

American Economic Association (AEA)
   American economic review
   Journal of economic literature
   Journal of economic review

Appropriate Technology International (ATI)
   Appropriate technology international - Annual report
   Appropriate technology international bulletin

ASEAN
   ASEAN newsletter: A publication of the ASEAN secretariat

ASEAN Agricultural Development Planning Centre (ADPC)
   ADPC newsletter

ASEAN Food Handling Bureau (AFHB)
   ASEAN food handling newsletter
   ASEAN food journal

ASEAN Food Security Research Board (AFSRB)
   Food hi-lights

ASEAN Secretariat (ASEAN)
   ASEAN information series

Asia-Pacific Agribusiness Club
   ASPAC newsletter: A quarterly publication of the Asia-Pacific Agribusiness club

Asia and Pacific Centre for Transfer of Technology (APCTT)
   Asia Pacific techmonitor

Asia Soil Conservation Network for the Humid Tropics (ASOCON)
   Contour
Asian Development Bank (ADB)
ADB quarterly review
Asian Development Bank: News release
Asian Development Bank annual report
Asian development outlook
Asian development review
Key indicators of developing Asian and Pacific countries
Loan, technical assistance and private sector, operations approvals
 Proposed projects, procurement notices and contracts awarded
 Project profiles for potential co-financing

Asian Institute for Rural Development (AIRD)
AIRD news

Asian Potato Association (APA)
Asian potato journal

Asian Rice Farming Systems Network (ARFSN)
In collaboration with Farming Systems and Soil Resources Institute (FSSR)
Rice farming systems technical exchange

Asian Vegetable Research and Development Center (AVRDC)
AVRDC progress report
Centerpoint
Soybean rust newsletter
TVIS news.

Association for Asian Studies (AAS)
Journal of Asian studies

Australian Bureau of Agricultural and Resource Economics (ABARE)
Agriculture and resources quarterly
Farm surveys report
Quarterly review of the rural economy

Australian Centre for International Agricultural Research (ACIAR)
ACIAR newsletter
ACIAR postharvest Newsletter
Annual report - ACIAR
Food legume newsletter
Grain storage newsletter
Partners for research in development
Research report - ACIAR grain storage research program

Australian National University. Research School of Pacific Studies (AND)
Bulletin of Indonesian economic studies
Journals, Current Awareness Publications

Bangladesh Agricultural Research Council (BARC)
Agrisearch news
Bangladesh journal of agriculture
Pulses improvement project - Annual report

Bank Indonesia
Laporan mingguan = Weekly report
Statistik ekonomi - keuangan Indonesia = Indonesian
Financial statistics

Bank Negara Indonesia 1946
Economic review

Bank of Thailand (BT)
Bank of Thailand quarterly bulletin

Bogor Agricultural University (IPB)
Forum pascasarjana

Bogor Research Institute for Food Crops (BORIF)
Bulletin penelitian
Bulletin teknik
Penelitian pertanian

British Sulphur Corporation Limited (BSC)
Feed markets

CAB International (CABI)
CAB International news
Chickpeas and pigeonpeas - CAB prompts series
Groundnuts - CAB prompts series

Canadian International Development Agency (CIDA)
Development

Center for Policy Studies (CPS)
Indonesian economy

Central Bureau of Statistics (CBS)
Bulletin ringkas
Export: Foreign trade statistical bulletin
Imports: Foreign trade statistical bulletin
Indikator ekonomi
Statistics of Indonesia
Central Research Institute for Food Crops (CRIFC)
Berita puslitbangtan
Contributions
Laporan tahunan
Pemberitaan penelitian puslitbangtan
Continued by Berita puslitbangtan
Berita puslitbangtan
Puslitbangtan: Komunikasi intern

Central Tuber Crops Research Institute (CTCRI)
CTCRI news
Research highlights CTCRI

Centre for Agro Socio-Economic Research (CASER)
Forum penelitian agro-ekonomi
Journal agro-ekonomi

Centre for Overseas Pest Research (COPR)
Tropical pest management

Centre for Southeast Asian Studies (CSEAS)
Southeast Asian Studies

Centre for the Promotion of Imports (CBI)
CBI news bulletin

Centre on Integrated Rural Development for Asia and the Pacific (CIRDAP)
CIRDAP newsletter
CIRDAP report

Centro Internacional de Agricultural Tropical (CIAT)
Abstracts on cassava
Abstracts on field beans (Phaseolus vulgaris)
Annual report - CIAT
Annual report - CIAT - Cassava program
Annual report - CIAT - Rice program
Bibliography of CIAT publication
Cassava newsletter
CIAT international report of research and international co-operation
CIAT report
Pages of content = Paginas de contenido: Agricultural economics and rural development
Pages of content = Paginas de contenido: General agriculture
Pages of content = Paginas de contenido: Pastures, nutrition and animal production
Pages of content = Paginas de contenido: Plant physiology
Pages of content = Paginas de contenido: Plant protection
Pages of content = Paginas de contenido: Soil and plant nutrition
Journals, Current Awareness Publications

Centro International de Mejoramiento de Maiz Y Trigo (CIMMYT)
  Annual report - CIMMYT
  CIMMYT research highlights
  CIMMYT review
  CIMMYT today
  Scientific Information Bulletin
  Wheat, barley and triticale bibliography
  World maize facts and trends
  World wheat facts and trends

CGPRT Centre
  Palawija news

Chinese Academy of Agricultural Sciences (CAAS)
  Scientia Agricultura Sinica

CIAT Bean Program (CIAT)
  Bean newsletter

CIRAD (Centre de co-operation et de Documentation en Agronomie des Region Chaudes)
  Agritrop

CIRAD. Departement Systemes Agraires (CIRAD)
  Cahiers de la Recherche Developpement

Consultative Group on International Agricultural Research (CGIAR)
  News from CGIAR

Cooperative for American Relief Everywhere. Office of Education (CARE)
  CARE brief on development issues

CSIRO. Division of Food Processing
  Food research quarterly

CUSO. Canadian University Services Overseas
  Small farm newsletter

Department of Agriculture, Ministry of Agricultural Development and Research (MOADR)
  Soyanews: A newsletter on soya development in Sri Lanka
  Tropical agriculturist

Directorate of Pulses Research (ICAR)
  Pulse crops newsletter
  Research highlights DPR
ESCAP (United Nations Economic and Social Commission for Asia and the Pacific)
Annual report - ESCAP
Economic and Social Survey of Asia and the Pacific
ESCAP media bulletin
Continued by ESCAP news
ESCAP news
Information services

ESCAP. Agriculture Division
Agricultural information development bulletin

ESCAP. Development Planning Division
Development planning newsletter
Economic bulletin for Asia and the Pacific

ESCAP. Environment Division
ESCAP environment news

ESCAP. International Trade Division. Trade Promotion Centre
Prices of selected Asia-Pacific products
TISNET: Trade information sheet

ESCAP. Library
Asian bibliography
EBIS register of serials
ESCAP documents and publications

ESCAP. Natural Resources Division
ESCAP's energy news

ESCAP. Social Development Division
Momentum: An Asian Pacific forum on youth-related concerns
Social development newsletter
WINAP newsletter: Women's information network for Asia and the Pacific

ESCAP. Statistical Division
Handbook on agricultural statistics for Asia and the Pacific
Quarterly bulletin of statistics for Asia and the Pacific
Statistical indicators for Asia and the Pacific
Statistical newsletter
Statistical yearbook for Asia and the Pacific

European Community. Directorate General for Information, Communication and Culture.
Agricultural Information Service (EC)
Green Europe: Newsletter on common agricultural policy
Newsflash: European Community - Green Europe
Journals, Current Awareness Publications

European Community. Southeast Asia Press and Information Service (EC)
  Delegation
  Europa
  Europe and South East Asia

FAO (Food and Agriculture Organization of the United Nations)
  AGSP - policy, programmes, activities
  CERES: The FAO review on agriculture and international co-operation
  FAO documentation
  FAO quarterly bulletin of statistics
  Food crops and shortages: Special report
  Food outlook Monthly bulletin of statistics
  World food report

FAO. Commodities and Trade Division
  Food aid in figures

FAO. Library and Documentation Systems Division
  FAO Documentation: Current bibliography

FAO. Plant Protection and Protection Division
  Plant genetics resources newsletter

FAO. Statistics Division
  FAO Yearbooks

FAO Project RAS/89/O40
  Food legume and coarse grain newsletter

FAO Regional Animal Production' and Health Commission
  Asian livestock

FAO Regional Commission on Farm. Management for Asia and the Far East
  Farm management notes for Asia and the Far East

Far East Trade Press (FETP)
  Asian business

Farming Japan Ltd (FJ)
  Farming Japan

Farming Systems Support Project. University of Florida (FSSP)
  FSSP bibliography of readings in farming systems
  FSSP newsletter
Fertilizer Advisory, Development and Information Network for Asia and the Pacific (FADINAP)
   Agro-chemicals news in brief
   Calendar of meetings on agro-chemicals
   Fertilizer trade information monthly bulletin
   Regional Information Support Service (RISS)

Food and Fertilizer Technology Center for the Asian and Pacific Region (FFTC) Extension bulletin
   FTC annual report
   Newsletter: A quarterly publication of the Food and Fertilizer Technology Center for the Asian and Pacific Region
   Prices of major agricultural products and chemical fertilizers in the Asian and Pacific region
   Quarterly statistics of agricultural commodity prices in the Asian-Pacific region Technical bulletin

Food Industry Research and Development Institute (FIRDI)
   Annual report

Food Research Institute, Stanford University (FRI)
   Food Research Institute - Biennial report
   Food Research Institute Studies

Gardens for development
   Gardens for development: A bulletin for professionals in small scale food production

Genetic Resources Communications Systems, Inc. (GRCS)
   Diversity

Hunger Project (HP)
   African farmer

Indian Council for Agricultural Research (ICAR)
   Annual report - Indian Council for Agricultural Research
   Indian farming
   Indian journal of agricultural sciences

Information Centre for Development Policy and Modeling (ICDM)
   ICDM newsletter

Information Centre for Low External Input Agriculture (ILEIA)
   ILEIA newsletter

Institut de Recherches Agronomiques Tropicales (IRAT)
   L'agronomie tropicale

Journals, Current Awareness Publications

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Journals, Current Awareness Publications

Institute of Food and Agricultural Sciences, University of Florida (IFAS)
FSRE: Farming systems research - extension newsletter

Inter-American Institute for Cooperation on Agriculture (IICA)
Annual report - IICA
News IICA
Official documents series

International Agricultural Development Service (IADS)
IADS newsletter
IADS report

International Board for Plant Genetic Resources (IBPGR)
IBPGR annual report
IBPGR Regional Committee for South East Asia newsletter

International Board for Soil Research and Management (IBSRAM)
IBSRAM highlights
IBSRAM newsletter

International Council for Research in Agro-forestry (ICRAF)
ICRAF newsletter and agroforestry review

International Cover Crop Clearing House (CIDICCO)
Cover crop news

International Crops Research Institute for the Semi-Arid Tropics (ICRISAT)
Annual report - ICRISAT
At ICRISAT
ICRISAT research highlights
International arachis newsletter
International chickpea newsletter
International pigeonpea newsletter
SMIC newsletter

International Development Journal Co. Ltd. (IDJC)
Japan's ODA outlook

International Development Research Centre (IDRC)
IDRC reports
Sustainable agriculture newsletter

International Documentation Center for the Winged Bean
Winged bean flyer

International Food Policy Research Institute (IFPRI)
IFPRI abstracts
IFPRI food policy statement
IFPRI report
International Fund for Agricultural Development (IFAD)
  Annual report - IFAD

International Grain Legume Information Centre (IGLIC)
  Tropical grain legume bulletin

International Institute of Tropical Agriculture (IITA)
  Annual report - IITA
  IITA research briefs
  IITA research highlights

International Irrigation Management Institute (IIMI)
  A selected bibliography on irrigation management

International Network of Peed Information Centres (INFIC)
  INFIC newsletter

International Potato Center (CIP)
  Annual report - CIP
  CIP circular

International Rice Research Institute (IRRI)
  International rice research newsletter
  International rice testing program - Annual report
  IRRI annual report
  IRRI reporter
  IRRI research paper series
  Research highlights IRRI
  Rice IPM newsletter
  Rice literature update

International Service for National Agricultural Research (ISNAR)
  Annual report - ISNAR
  ISNAR newsletter

Lembaga Penelitian Hortikultura Pasarminggu
  Hortikultura: Majalah ilmiah populer

Malang Research Institute for Food Crops (MARIF)
  Laporan tahunan balitan Malang
  Penelitian palawija

Myanmar Agriculture Service (MAS)
  Myanmar Journal of agricultural sciences

National Agricultural Research and Service Centre - Nepal (NARSC)
  Annual Report
Journals, Current Awareness Publications

National Agriculture Library - Indonesia (PUSTAKA)
Abstrak hasil penelitian pertanian Indonesia

National Logistic Agency (BULOG)
Buletin statistik
BULOG - Annual report
Indonesian Food Journal
Info Litbang
Warta Intra BULOG

National Resources Institute (NRI)
NRI newsletter

Netherlands Universities Foundation for International Co-operation (NUFFIC)
Overzicht

NifTAL Project (NifTAL)
BNF bulletin

Overseas Development Institute (ODI)
ODI newsletter.
ODI network paper

Overseas Development Natural Resources Institute
see NRI

Pakistan Agricultural Research Council (PARC)
Annual report - PARC
Pakistan journal of agricultural research

Philippine Council for Agriculture, Forestry and Natural Resources Research and Development (PCARRD)
PCARRD monitor: Monthly publication
Research highlights PCARRD
Scientia Filipinas: The science magazine of PCARRD
Technology

Philippine Root Crops Research and Training Centre (pRCRTC)
PRCRTC Annual report

Philippine Root Crop Information Service (PRIS)
Address see PRCRTC
International sweet potato newsletter

Regional Network for Agricultural Machinery (RNAM)
RNAM newsletter

Rodale Institute (RI)
International ag-sieve
Royal Tropical Institute (KIT)
   Abstracts on rural development in the tropics
   Royal Tropical Institute - Survey of activities
   Royal Tropical Institute rural development programme - annual report

Rural Development Administration (RDA)
   Annual research report
   Research report of the Rural Development Administration

RWAL Publications
   Rural development in practice

South East Asia Regional Center for Tropical Biology (SEAMEO-BIOTROP)
   Annual report - BIOTROP
   SEAWICA notated bibliography

South East Asian Regional Center for Graduate Study and Research in Agriculture (SEARCA)
   Annual report - SEARCA
   SEARCA bulletin
   SEARCA diary
   SEARCA occasional paper
   SEARCA technical bulletin

South Media & Communications Ltd. (SMC)
   South

Southeast Asian Program for Potato Research and Development (SAPPRAD)
   SAPPRAD newsletter

Sukamandi Research Institute for Food Crops (SURIF). Media penelitian Sukamandi
   Reflektor

Technical Centre for Agricultural and Rural Cooperation (CTA)
   CTA annual report
   Spore

Thai Tapioca Trade Association (TTTA)
   TTTA - Monthly bulletin
   TTTA annual report
   Yearbook

Tropical Agriculture Research Center (TARC)
   Japanese journal of tropical agriculture
   JARQ: Japan agricultural research quarterly

Tropical Development Research Institute (TDRI)
   TDRI newsletter
Journals, Current Awareness Publications

United Nations (UN)
- DTCD newsletter: A quarterly newsletter of the United Nations Department of Technical Co-operation for Development

United Nations Development Programme (UNDP)
- Co-operation south: The magazine of Technical Co-operation among Developing Countries (TCDC)
- Decade watch
- UNDP news
- UNDP World development annual report
- World development

United Nations Information Center - Indonesia (UNIC)
- Indonesian newsletter
- United Nations in Indonesia

United States Department of Agriculture (USDA)
- Foreign agriculture: The magazine for business firms selling U.S. farm products overseas
- Oil crops situation and outlook reports
- World grain situation and outlook

University of Illinois at Urbana-Champaign, Office of International Agriculture (UIUC)
- International agriculture update

University of Illinois, International Program for Agricultural Knowledge Systems (INTERPAKS)
- Interpak Interchange

Winrock International Institute for Agricultural Development (WINROCK)
- Bulletin - Technical services and information
- Winrock International: Annual report
- Winrock International tech notes

World Bank (WB)
- Quarterly review of commodity markets
- World Bank annual report
- World Bank research observer
- World development report
Agricultural Statistics

Introduction

Statistical data offer important information for agricultural economists and policymakers. A wide range of data published by a variety of sources from various countries and international agencies are available from the CGPRT Centre's Library in the form of statistical books.

As well, updated (mainly time series) statistical data on CGPRT crops collected from various national and international sources, are available from the RSDS Database Section in printed form or on floppy disk. These include a variety of data such as: area harvested, production, yield, input and output prices, production costs, consumption, trade, and many other relevant macro indicators related to major crops such as rice, maize, wheat, groundnut, mungbean, soybean, cassava, sweet potato and white potato. So far three countries have been covered, i.e., Indonesia, Thailand, and the Philippines. Data for these three countries and future ones will be continuously updated. The data for those of Malaysia, Myanmar, Viet Nam, Bangladesh, India, Pakistan, Sri Lanka, China and various Pacific countries are being collected. In this publication, our information is heavily biased towards Indonesia as we are located here, and have easy access to it. In future editions we will expand our statistical data sources to more countries in the region.

The CGPRT Centre library has been collecting published statistical data of CGPRT crops and related information in Indonesia. The main source of this information is the Central Bureau of Statistics and other government institutions. Below is a list of the agricultural statistics of Indonesia, followed by sources of regional and world statistical data.

The Food and Agriculture Organization of the United Nations has established different types of databases of agricultural information. Several of them are designated to store and disseminate statistical data of agricultural production, products, trade, land use etc.

FAO, Economic and Social Policy Department, Statistics Division has established the AGROSTAT system which is used to store and retrieve worldwide statistical information on agriculture. The information is disseminated in the form of the FAO Yearbooks, standard tape, and diskette. For more details of information on the coverage of AGROSTAT system, see section 4 - On-line Services and Databases. Other departments also have their in-house databases such as RAIVAR - Rainfall Series for Probability Analysis, Seed Information System Database, Nutrients Database, MANAGE - Agroclimatological Data Bank.
Agricultural Statistics

AGRICULTURAL STATISTICS OF INDONESIA


Geurts, Peter M.H.

Agricultural Statistics

Hamang, A.  


Agricultural Statistics


Agricultural Statistics


Agricultural Statistics


Agricultural Statistics


Agricultural Statistics


Survei pertanian luas dan intensitas serangan jasad pengganggu padi dan palawija di Indonesia = Agricultural survey on area and intensity of pests; insects and calamity of paddy and secondary crops (palawija) in Indonesia. 1984 -. Jakarta, Indonesia: Biro Pusat Statistik.


Survei pertanian produksi buah-buahan di Jawa = Agricultural survey on fruit production in Java. 1985 -. Jakarta, Indonesia: Biro Pusat Statistik.


SOURCES OF STATISTICAL DATA

Address of the institute or organization is available in section 6, entered under the acronym. The one without acronym means that its address is not available.

Asia and Pacific

Bangladesh
Bangladesh Agricultural Research Council (BARC)
Bangladesh Bureau of Statistics (BBS)
- Report of the Bangladesh household expenditure survey
- Yearbook of agricultural statistics of Bangladesh,

Fiji
Ministry of Agriculture and Fisheries (MOAF)
Ministry of Primary Industries (MOPI)

Indonesia: see previous section.

Lao
Department of Agriculture (DOA)

Myanmar
Ministry of Agriculture and Forests, Planning and Statistics Department (MOAF)
Myanmar Agriculture Service (MAS)

Nepal
Ministry of Agriculture, Department of Food and Agricultural Marketing Service (MOA)
- Agricultural statistics of Nepal
- Foodstatistics of Nepal
Central Bureau of Statistics (CBS)
- Statistical yearbook of Nepal

Pakistan
Ministry of Food, Agriculture and Co-operatives (MOFAC)
- Agricultural statistics of Pakistan
Pakistan Agricultural Research Council (PARC)
**Agricultural Statistics**

**Papua New Guinea**
Department of Agriculture and Livestock (DOAL)
Department of Primary Industries (DPI)

**The Philippines**
Ministry of Agriculture. Bureau of Agricultural Statistics (BAS)
  - Crop statistics
  - Philippine crop statistics
National Census and Statistics Office
  - Census of agriculture: National summary
National Food Authority
  - Regional grains industry profile
Philippine Council for Agriculture and Resource Research and Development (PCARRD)
  - Data series on rootcrops statistics in the Philippines.

**Sri Lanka**
Department of Agriculture. Division of Agricultural Economics and Projects (DOA)
  - Cost of cultivation of agricultural crops-Yala
Ministry of Plan Implementation. Department of Census and Statistics (MOPI)
  - Sri Lanka census of agriculture: small holding sector
Ministry of Plan Implementation. Food and Nutrition Policy Planning Division (MOPI)
  - Food and nutrition statistics

**Thailand**
Bank of Thailand (BT)
  - Bank of Thailand quarterly bulletin
Ministry of Agriculture and Co-operatives. Centre for Agricultural Statistics (MOAC).
  - Agricultural statistics in brief crop
  - Agricultural statistics of Thailand crop
  - Selected economic indicators relating to agriculture
National Statistical Office
  - Agriculture census report

**Vietnam**
Department of Agricultural Science and Technology
Institute for Research on Market and Prices

**Regional and world statistics**
ASEAN Agricultural Development Planning (ADPC)
  - ASEAN statistical yearbook on Food, Agriculture and Forestry

Asian Development Bank (ADB)
  - Agriculture in Asia
  - Key indicators of developing member countries of ADB
  - The state of agricultural statistics in Southeast Asia (Statistical Report Series)
Agricultural Statistics

Economic and Social Commission for the Asian and Pacific (ESCAP)
- Asia-Pacific in figures
- Economic and social survey of Asia and the Pacific
- Prices of selected Asia/Pacific products
- Quarterly bulletin of statistics for Asia and the Pacific
- Statistical indicators for Asia and the Pacific
- Statistical yearbook for Asia and the Pacific
- TISNET: Trade information sheet

The Food & Fertilizer Technology Center for the Asian Pacific Region (FFTC)
- Prices of major agricultural products and chemical fertilizers in the Asian and Pacific Region
- Quarterly statistics of agricultural commodity prices in the Asian and Pacific countries

Food and Agriculture Organization of the United Nations (FAO)
- FAO fertilizer yearbook
- FAO production yearbook
- FAO trade yearbook
- Food balance sheet, 1989-1981 average
- Food outlook
- Foreign trade statistics of Asia and the Pacific
- The state of food and agriculture

Food and Agriculture Organization of the United Nations. Regional Office for Asia and the Pacific (FAO/RAPA)
- Selected indicators of food and agriculture development in Asia-Pacific region

International Rice Research Institute (IRRI)
- World Rice Statistics

United States Department of Agriculture. Economic Research Service (USDA)
- Oil crops: Situation and outlook report

The World Bank (WB)
- World development report

The World Bank/International Finance Corporation (WB)
- Office memorandum: Quarterly review of commodity markets
National and International Organizations and Research Institutes

Introduction

Research institutions and organizations, both National and International, are important sources of information. They provide up-to-date and highly current information. This information can often be obtained through consultation with either the research personnel and/or the information section of a research organization specializing in a particular field. Many research reports and case studies, plus other useful information, are not available in the publishers catalogues. Such items usually contain very up-to-date information and are available upon request. Contacts should be maintained with the programmes, activities, reports and publications of related institutions, to keep up with their flow of information, and to enable each institution to select information to meet its specific needs. Tracking down sources of information takes a lot of time and effort. The list provided in this book will help to identify important sources of information. This will thereby enable researchers to maintain their connection with the massive amount of new data generated at both national and international organizations.

AAAS  American Association for the Advancement of Science  1776 Massachusetts Avenue, N.W. Washington, D.C., USA

AAEA American Agricultural Economics Association  80 Heady Hall Iowa State University Ames, Iowa 50011-1070 USA Tel. (515)294-8700

AARD  Agency for Agricultural Research and Development (Government of Indonesia)  Ragunan 29, Pasar Minggu Jakarta 12540, Indonesia Kotak Pos 76 Pcm. Tel. (021) 782202, 7806203-782204 Tx. 46432.AARD J K IA Fax. (021) 7800644 Cab. LIITANI JAKARTA

AAS  Association for Asian Studies  Secretary-Treasurer or Administrative Officer Room 1, Lane Hall University of Michigan Ann Arbor Michigan 48109 U.S.A
### National and International Organizations and Research Institutes

<table>
<thead>
<tr>
<th>Organization</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ABARE</strong> Australian Bureau of Agricultural and Resource Economics (Formerly BAE) (Under Department of Primary Industries and Energy)</td>
<td>Macarthur House Macarthur Ave, Lynchem, ACT 2602 Australia G.P.O. Box 1563, Canberra ACT 2601 Australia Tel. (062)46 9111 Tx. AGEC AA61667 Fax. (062)46 9699</td>
</tr>
<tr>
<td><strong>ACIAR</strong> Australian Centre for International Agricultural Research</td>
<td>GP.O. Box 1571, Canberra ACT 2601 Australia Tel. (062) 488 588 Tx. AA62419 Fax. (062) 573051</td>
</tr>
<tr>
<td><strong>ACIAR</strong> Food Legume Research Program Coordinator</td>
<td>University of Queensland. Dept. of Agriculture St. Lucia Queensland 4067 Australia</td>
</tr>
<tr>
<td><strong>ADB</strong> Asian Development Bank</td>
<td>Headquarters: 6 ADB Avenue 1501 Mandaluyong, Metro Manila Philippines Mail: P.O. Box. 789 1099 Manila Philippines Tel. 632-4444 Connecting all Departments and offices; International Calls 63-2) 711-3851 Tx. 63587 ADB PH; 40571 ADB PM; 29066 ADB PN Cab. ASIANBANK MANILA Fax. (63-2) 741-7961 (63-2) 632-6816 (63-2) 631-6816</td>
</tr>
<tr>
<td><strong>Indonesian Office</strong></td>
<td>Indonesian Office: P.O. Box. 99 IKSA Gedung Danareksa, 6th floor Jl. Merdeka Selatan 13 Jakarta Pusat 10110, Indonesia Tel. 380 8151 to 53; 380 8154 (International) Tx. 46579 ADB IA Cab. ASIANBANK JAKARTA</td>
</tr>
<tr>
<td><strong>ADC</strong> Agricultural Development Council</td>
<td>1290 Avenue of the Americas, New York, 10104 USA</td>
</tr>
</tbody>
</table>
### National and International Organizations and Research Institutes

<table>
<thead>
<tr>
<th>Organization</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADPC</td>
<td>Kasetsart University Campus, Bangkhen, Bangkok 10900, Thailand</td>
</tr>
<tr>
<td>AEA</td>
<td>American Economic Association, 2104 Broadway, Suite 305, Nashville, TN</td>
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<tr>
<td>AFHB</td>
<td>Asean Food Handling Bureau, Level 3, G 14 &amp; 15, Damansara, KL, Malaysia</td>
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<tr>
<td>AFRSB</td>
<td>ASEAN Food Security Reserve Board, Ministry of Commerce, Thailand</td>
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<tr>
<td>AGLN</td>
<td>Asian Grain Legumes Network, ICRISAT, Andhra Pradesh, Patancheru, India</td>
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<tr>
<td>AGRIS</td>
<td>International Information System for Agricultural Sciences, Rome, Italy</td>
</tr>
<tr>
<td>AIBA</td>
<td>Agricultural Information Bank for Asia, Los Banos Line, Philippines</td>
</tr>
<tr>
<td>AIC</td>
<td>Agricultural Information Centre, BARC, Tokyo, Japan</td>
</tr>
<tr>
<td>AICAF</td>
<td>Association for International Cooperation of Agriculture and Forestry, Tokyo, Japan</td>
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</table>
### National and International Organizations and Research Institutes

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Name</th>
<th>Address</th>
</tr>
</thead>
</table>
| **AID**  | Agency for International Development (United States)  | **Main office:**  
320 - 21st Street NW  
Washington, DC 20523  
USA  
Tel. (703) 235 8850  

**Regional office:**  
37 Soi Somprasong 3,  
Petchburi Road  
Bangkok, Thailand  

**Indonesian contact:**  
Office of Agriculture and Rural Development  
American Embassy  
Jl. Medan Merdeka Selatan no. 3-5  
Jakarta, Indonesia  
Tel. 360360 ext. 370 |
| **AIDAB** | Australian International Development Assistance Bureau | GPO Box 887 Canberra, ACT 2617  
Australia  
Tel. 49-5733  
Tx. 62631  
Cab. ADAID  

**Indonesian Office:**  
Bank Niaga Bldg  
6th Floor  
Jl. M.H. Thamrin 55  
Jakarta Pusat  
Indonesia |
| **AIRD** | Asian Institute for Rural Development (Regional Institute for Scientific Research, Training and Field Action in Rural Development) | 7-A Ratnavilasa Rd.,  
Basavanagudi  
Bangalore 560004  
India  
Tel. 604091 or 608638  
Cable "ASIANCARE" Bangalore |
| **AIS** | Agricultural Information Service | address see: EC |
| **ANU** | Australian National University. Research School of Pacific Studies | Department of Economics  
G.P.O Box 4  
Canberra, A.C.T. 2601  
Tel. 06-2490303  
Tx. AA 62694 SOPAC  
Fax. 06 2571893 |
| **APA** | Asian Potato Association | c/o International Potato Center (CIP)  
Box 933, Manila  
Philippines |
<table>
<thead>
<tr>
<th>National and International Organizations and Research Institutes</th>
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<tr>
<td><strong>APCTT</strong> Asian and Pacific Centre for Transfer of Technology</td>
</tr>
<tr>
<td>P.O. Box 115</td>
</tr>
<tr>
<td>Bangalore-560 052 India</td>
</tr>
<tr>
<td>Tel. 8452719 APCTIN</td>
</tr>
<tr>
<td><strong>APL</strong> Agraria Press Ltd.</td>
</tr>
<tr>
<td>Yew Tree House, Horne</td>
</tr>
<tr>
<td>Horley, Surrey RH6 9JP</td>
</tr>
<tr>
<td>United Kingdom</td>
</tr>
<tr>
<td>Tel. 0342 843173</td>
</tr>
<tr>
<td>Fax. 0342 843173</td>
</tr>
<tr>
<td><strong>APO</strong> Asian Productivity Organization</td>
</tr>
<tr>
<td>Tokyo 107, Japan</td>
</tr>
<tr>
<td>Tel. APOOFFICE J26477</td>
</tr>
<tr>
<td>Fax. (03) 408-7220</td>
</tr>
<tr>
<td><strong>APROC</strong> Agricultural Projects Service Centre</td>
</tr>
<tr>
<td>Kathmandu, Nepal</td>
</tr>
<tr>
<td>Tel. 2305 APROSC NP</td>
</tr>
<tr>
<td><strong>ARFSN</strong> Asian Rice Fanning Systems Network</td>
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<tr>
<td><strong>ARTI</strong> Agrarian Research and Training Institute</td>
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<tr>
<td>Colombo 7, Sri Lanka</td>
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<tr>
<td><strong>ASOCON</strong> Asian Soil Conservation Network</td>
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<tr>
<td><strong>ATI</strong> Appropriate Technology International</td>
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<tr>
<td>Washington, D.C.</td>
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<tr>
<td>USA 20005</td>
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<tr>
<td><strong>AVRDC</strong> Asian Vegetable Research and Development Centre</td>
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<td>see also: TVIS</td>
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### National and International Organizations and Research Institutes

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<tr>
<th>Code</th>
<th>Organization Name</th>
<th>Address</th>
<th>Contact Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAR</td>
<td>Bureau of Agricultural Research (Philippines) (Under Department of Agriculture)</td>
<td>Department of Agriculture 3rd Floor ATI Bldg. Elliptical Road Diliman, Quezon City Philippines Tel. 985691-998505 Tx. (722)-27726 MOA-PH</td>
<td></td>
</tr>
<tr>
<td>BARC</td>
<td>Bangladesh Agricultural Research Council</td>
<td>Farm Gate, New Airport Road, Dhaka-1215, Bangladesh Tel 314295; 316587 Tx 642401 SHER BJ Cab. Agresearch Fax. 880 2 813196</td>
<td></td>
</tr>
<tr>
<td>BARC</td>
<td>Bubia Agricultural Research Centre (Under Department of Agriculture and Livestock, Papua New Guinea)</td>
<td>P.O. Box 1639 LAE Papua New Guinea Tel. (675) 451033 Fax. (675) 451034 Cab. AGRIC-LAE</td>
<td></td>
</tr>
<tr>
<td>BARI</td>
<td>Bangladesh Agricultural Research Institute</td>
<td>PO Joydebpur Gazipur, Bangladesh Tel. 401013, 0681-2091 Tx. 642401 SHER BJ</td>
<td></td>
</tr>
<tr>
<td>BARIF</td>
<td>Banjarbaru Research Institute for Food Crops (Under CRIFC)</td>
<td>Jl. Mayjen Soetoyo 1134A PO Box 1 Banjarmasin, South Kalimantan Indonesia Tel. (0511)2478, 3167</td>
<td></td>
</tr>
<tr>
<td>BAS</td>
<td>Bureau of Agricultural Statistics (Philippines) (Under Department of Agriculture)</td>
<td>1184 BenLor Building, Quezon Avenue Quezon City, Philippines Tel. 99 26 41 TO 52 IOC 2221</td>
<td></td>
</tr>
<tr>
<td>BBS</td>
<td>Bangladesh Bureau of Statistics</td>
<td>Ministry of Planning Government of People's Republic of Bangladesh Bangladesh Secretariat Building Dakha, Bangladesh</td>
<td></td>
</tr>
<tr>
<td>BEAN</td>
<td>Bean/Cowpea CRSP</td>
<td>200 Center for International Programmes Michigan State University East Lansing, Michigan 48824-1035 USA Tel. (517) 355-4693 Tx. 263359 CRSP UR</td>
<td></td>
</tr>
<tr>
<td>BIDS</td>
<td>Bangladesh Institute of Development Studies</td>
<td>E-17 Agrarian, Sher-e-bangla Nagar 6 PO Box 3844 Dhaka 1207 Bangladesh Tel. 324596</td>
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<td><strong>BORIF</strong> Bogor Research Institute for Food Crops (Under CRIFC)</td>
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<tr>
<td>West Java, Indonesia</td>
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<td><strong>BOSTID</strong> Board on Science and Technology for International Development - Office of International Affairs - National Academy of Sciences National Research Council</td>
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<tr>
<td>2101 Constitution Avenue, NW-JH-21O</td>
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<tr>
<td>Washington, D.C. 20418</td>
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<td><strong>BSC</strong> British Sulphur Corporation Ltd.</td>
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<tr>
<td>31 Mount Pleasant</td>
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<tr>
<td>London, England WC IX OAD</td>
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<td>Tel. (4471) 837 5600</td>
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<td>Fax. (-4471) 837 0292</td>
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<td><strong>BT</strong> Bank of Thailand</td>
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<tr>
<td>Department of Economic Research</td>
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<td>P.O. Box 154, BMC</td>
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<td><strong>BULOG</strong> National Logistic Agency</td>
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<td>Jakarta, Indonesia</td>
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<td><strong>CAAS</strong> Chinese Academy of Agricultural Sciences</td>
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<tr>
<td>30 Baishiziao Lu</td>
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<td>Tx. 222720 CAAS CN</td>
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<td><strong>CABI</strong> Commonwealth Agricultural Bureau International</td>
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<tr>
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<td><strong>CARD</strong> Center for Agricultural and Rural Development (see also: FAPRI)</td>
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<tr>
<td>Dept. of Economics</td>
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<tr>
<td>578 Heady Hall</td>
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<tr>
<td>Iowa State University</td>
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<tr>
<td>Ames, Iowa, 50011 USA</td>
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<tr>
<td>Tel (515)2943133; (515) 2946256</td>
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<td>Tx 283359 IASU UR</td>
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<td><strong>CARE</strong> Cooperative for American Relief Everywhere</td>
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<tr>
<td>Office of Education</td>
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<tr>
<td>CARE World Headquarters</td>
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<tr>
<td>660 First Avenue</td>
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<tr>
<td>New York, N.Y. 10016, USA</td>
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<tr>
<td>Tel. 212 6863110</td>
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<tr>
<td>Cab PARCELLUS NY</td>
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</tbody>
</table>
National and International Organizations and Research Institutes

CASA Centres for Asian Studies Amsterdam
Oude Hoogstraat 2H
1012 CE Amsterdam
The Netherlands
Tel. 5252745
Tx: NL 16526

CASER Center for Agro-Socio Economic Research
Pusat Penelitian Socio Agro-Ekonomi
Jl. A. Yani 70
Bogor 16111, West Java
Indonesia
Tel. (0251) 314496, 323964

CBI Centre for the Promotion of Imports from Developing Countries
Beursgebouw, 5th Fl.
Beursplein 37
PO Box 3009
3001 DA Rotterdam
The Netherlands
Tel. (010) 4130787
Tx. 27151
Fax. (0101) 4114081

CBS Central Bureau of Statistics (Indonesia)
Jl. Dr. Sutomo 8
P.O. Box 1003
Jakarta 10710, Indonesia
Tel. 3810291 to 3810295

CBS Central Bureau of Statistics (Nepal)
Ramshah Path, Thapathali
Kathmandu, Nepal

CDEM College of Development Economics and Management
University of the Philippines at Los Banos
Philippines

CEDA Centre for Economic Development, Tribhuvan University
P.O. Box 797
Kirtipur, Kathmandu
Nepal
Tel. 2-13325, 2-13851

CGIAR Consultative Group on International Agricultural Research. se also:
CIAT ICRISAT
CIP IFPRI
CIMMYT IITA
IBPGR ILRAD
ICARDA ISNAR
IRRI

1818 H St., NW
Washington, D.C. 20433
USA
Tel. (202) 3348028
Fax. (202) 334 8750
Tx 440098 WORLD BANK
Cab. World Bank INTBAFRAD
1825 K St. NW
Room 1001
Washington, D.C., USA
National and International Organizations and Research Institutes

CGPRT  Coarse Grains, Pulses, Roots and Tuber Crops Centre
(ESCAP-UN)
Jl. Merdeka 145
Bogor 1611, Indonesia
Tel. 0251 326290, 328399
Tx 48369 AARD MA IA
Cab ESCAP CGPRT BOGOR
Fax. 62 0251 326290

CIAT  Centro International de Agricultural Tropical
(CGIAR sponsored)
Headquarters: Apartado Aereo 6713
Cali, Columbia
Tel. 57 3 68011
Tx. 05769 CIA T CO

Regional office for Asia and
CIAT Cassava Program:
c/o Field Crop Research Institute
Department of Agriculture
Bangkhen, Bangkok 10900
Thailand
Tel. 579 7551; 579 3930-3 ext. 48
Tx.84478 INTERAG TH

CIDA  Canadian International Development Agency
200 Promenade du Portage
Hull, Quebec
K1A 0G4 Canada
Tel. (819) 997 5456
Cab. CIDA HULL

CIDARC
Centre d'Information et de Documentation
en Agronomie des Regions Chaudes = Information
and Documentation Center for Hot Climate
Agriculture
BP 5035
Avenue du Val de Monferrand
340312 Montpellier Cedex 1
France
Tel. 67-61-58-00
Tx. 480762 F
Fax. 67-61-58-20

CIDICCO
International Cover Crop Gearing House
P.O. Box 278-C
Tegucigalpa, D.C.
Honduras, C.A.

CIMMYT
Centro Internacional de Mejoramiento de Maiz
Y Trigo = International Center for Maize and
Wheat Improvement (CGIAR supported)
Main office:
Lisboa 27
Apartado Postal 6-641,
Col. Juarez Deleg. Cuauhtemoc
06600 Mexico/D.F.
Mexico
Tel. 761 33 11; 761 36 56
Tx. 1772023 CIMTME
Cab. CENCIMMYT
Fax. (595) 41069

Regional office:
P.O. Box. 9-188
Bangkok 10900, Thailand
Tel. 579 1025
Tx. 84478 INTERAG TH
Cab. CIMMYT, BANGKOK
### National and International Organizations and Research Institutes

<table>
<thead>
<tr>
<th>Organization</th>
<th>Address</th>
<th>City</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CIP</strong> Centro Internacional de la Papa = International Potato Center (CGIAR supported)</td>
<td>Apartado Postal 5969</td>
<td>Lima</td>
<td>Peru</td>
</tr>
<tr>
<td></td>
<td>Tel. 354354 366920</td>
<td></td>
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<tr>
<td></td>
<td>Tx. 25672 PE</td>
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<td></td>
<td><strong>Southeast Asia and the Pacific office:</strong></td>
<td></td>
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<tr>
<td></td>
<td>c/o IRRI</td>
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</tr>
<tr>
<td></td>
<td>Box 933, Manila, Philippines</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Tel. 50015 to 19 Loc 248</td>
<td></td>
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<tr>
<td></td>
<td>Tx. 45365 RICEINST PM via ITT; 22456 IRI PH via RCA; 63786 RICE PN via Eastern</td>
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<tr>
<td></td>
<td><strong>The International Potato Center-Region VII</strong></td>
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<tr>
<td></td>
<td>c/o Lembang Horticultural Research Institute</td>
<td></td>
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<tr>
<td></td>
<td>P.O. Box. 587</td>
<td>Bandung</td>
<td>Indonesia</td>
</tr>
<tr>
<td></td>
<td>Telex. 28276 PHEGAR IA</td>
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<tr>
<td></td>
<td>Fax. 62-2243 1583</td>
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<tr>
<td></td>
<td>E-mail. 9001: OMPOTT</td>
<td></td>
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</tr>
<tr>
<td><strong>CIRAD</strong> Centre de Cooperation Internationale en Recherche Agronomique pour le Developpement = Centre for International Co-operation of Agricultural Research for Development</td>
<td>42, rue Scheffer, 75116, Paris, France</td>
<td></td>
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<tr>
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<td>see also: CIDARC</td>
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<td><strong>Montpellier Research Center:</strong></td>
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<tr>
<td></td>
<td>Avenue du Val de Montferrand</td>
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<td></td>
<td>BP 5035</td>
<td>34032 Montpellier Cedex 1</td>
<td>France</td>
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<td>Tel. 67 61 5800</td>
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<td>Fax. 67 61 5986</td>
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<tr>
<td></td>
<td>Tx. CIRAD 489762 F</td>
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<tr>
<td><strong>CIRC</strong> CSIRO International Relations Centre (Formerly Centre for International Research Cooperation)</td>
<td>CSIRO Headquarters</td>
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<td></td>
<td>Canberra A.C.T</td>
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<tr>
<td></td>
<td>P.O. Box. 225, Dickson ACT 2602</td>
<td>Australia</td>
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<tr>
<td></td>
<td>Tel. 61-6-276 6467</td>
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<td></td>
<td>Tx. AA 62003</td>
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<td>Fax. 61-6-276 6292</td>
<td></td>
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</tr>
<tr>
<td><strong>CIRDAP</strong></td>
<td>Centre for Integrated Rural Development for Asia and the Pacific</td>
<td>Chameli House</td>
<td>Dhaka, Bangladesh</td>
</tr>
<tr>
<td></td>
<td>17, Topkhana Road</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>GP.O. Box. 2883</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**56**
National and International Organizations and Research Institutes

CMU  Chiang Mai University. Multiple Cropping Centre  130 Huay Kaew Road
      Chiang Mai 50002
      Thailand
      Tel. (053) 221275
      Tx. 43553 UNICHI TH

CNFAP  Center for National Food and Agricultural Policy
      Dept. of Agricultural Economics
      University of Missouri-Columbia
      Columbia, Missouri 65211, USA

COPR  Centre for Overseas Pest Research
      see: NRI

CPRI  Central Potato Research Institute
      Simla 171001, Himachal Pradesh
      India

(under ICAR)

CPS  Center for Policy Studies (Indonesia)
      Jl. Ciasem IV no. 13
      Kebayoran Baru
      Jakarta 12180
      P.O. Box 4862 Jakarta 10001
      Indonesia

CRCR  Centre for Root Crop Research
      Fak. Pertanian
      University of Brawijaya
      Malang, Indonesia

CRIFC  Central Research Institute for Food Crops
       (under AARD)
       Jl. Merdeka 147
       Bogor 16111, Indonesia
       Tel. 324089, 321718
       Fax. (0251) 325251

CRIIC  Central Research Institute for Industrial Crops
       Jl. Cimanggu no. I
       Bogor 16111, Indonesia
       Tel. 313083

CSEAS  Centre for Southeast Asian Studies
       Kyoto University
       46 Shimoadachi-cho, Yoshida,
       Sakyo-ku
       Kyoto, Japan

CSIRO  Commonwealth Scientific and Industrial Research
       Organization
       see also: CIRC
       CSIRO Corporate Centre
       P.O. Box 225, Dickson ACT 2602
       Australia
       Tel. (06) 2766 621
       Tx. AA62003
       Fax. 61 6 2766 304

CSIRO  Centre for Irrigation Research - Institute of Plant
       Production and Processing
       Private Bag, Griffith
       New South Wealth 2680 Australia
       Tel. (069) 621700
       Tx. 69990
National and International Organizations and Research Institutes

CSIRO Division of Entomology - Institute of Plant Production and Processing
CSIRO Division of Food Processing - Institute of Animal Production and Processing
CSIRO Division of Tropical Crops and Pastures Institute of Biological Resources
CSWCRTI Central Soil and Water Conservation Research and Training Institute (under ICAR)
CTA Centre Technique de Cooperation Agricole et Rurale = Technical Centre for Agricultural and Rural Cooperation (EEC-ACP Convention of Lome)
CTCRI Central Tuber Crops Research Institute (under ICAR)
CUSO Canadian University Services Overseas

Stored Grain Research Laboratory
Clunies Ross Street, Black Mountain via Canberra City ACT
G.P.O. Box 1708
Canberra ACT 2601
Australia
Tel. 06 246 4001
Tx. AA62309
Fax. (06) 246 4000

Gate, 51 Delhi Road, P.O. Box. 52
North Ryde, NSW 2113
Australia
Tel. (02) 887 8333
Tx. AA 23407
Fax. (02) 887 8455

306 Carmody Rd., St. Lucia, Queensland 4067
Australia
Tel. (07) 377 0209
Tx. AA42159
Fax. (07) 371 3946

218 Kaula Garh Rd., Dehra Dun 248195
India
Tel. 27212
Tx. 595-237 SCRI IN

Headquarters:
'De Rietkampen'
Galvanistraat 9, 6716 AS Ede
The Netherlands

Mailing address:
Postbus 380
6700 AJ Wageningen
The Netherlands
Tel. (0) 8380 20484
Tx. 30169 cta nl

Sreekariyam, Trivandrum 695 017
Kerala, India
Tel. 8431 (Dir) 8551 to 8554
(Office + Labs)
Tx. 0435-247 ROOT IN
Cab. TUBERSEARCH

Indonesian Office:
JL Danau Tamblingan Fl/31
Pejompongan
Jakarta 10210, Indonesia
Tel. 021-583604
Tx. 45231 GTC IA
Fax. 62-21-341534
Cab. CUSOCAN Jakarta
National and International Organizations and Research Institutes

**Thailand Office:**
17 Phaholyothin Golf Village
Phaholyothin Road
Bangkhen, Bangkok 10900
Thailand
Tel. 513-3031, 513-5347

**DAST**  Department of Agriculture, Science, and Technology
Bach Thao
Hanoi
Bo Nong Nghiep va CNTP
Viet Nam
Tx. 411102 PUB VT

**DGFC**  Directorate General for Food Crops (Indonesia)
(Under Department of Agriculture)
Jl. AUP no. 3
Kotak Pos 8/PSM
Jakarta, Indonesia
Tel. (021)782819, 781269, 781204
Tx. & Cab. as AARD

**DOA**  Department of Agriculture (Lao)
(Under Ministry of Agriculture)
Vientiane
Lao PDR

**DOA**  Department of Agriculture. Information Center
(Thailand)
Paholyothin Road, Bangkhaen
Bangkok 10900
Thailand
Tel. 5498539

**DOAL**  Department of Agriculture and Livestock
PO Box 417
Konedobu
Port Moresby, National Capital District
Papua New Guinea
Tel. 214699
Tx. 22143

**DOAL**  Department of Agriculture and Livestock.
Division of Crop Research
Spring Garden
PO Box 417 Konodebu, NCD
Papua New Guinea
Tel. 21-2862
Tx. 22143/23295
Fax. 21-1337

**DPI**  Department of Primary Industries
P.O. Box 417
Konodebu, NCD
Papua New Guinea

**DSA**  Departement Systemes Agraires
(under CIRAD)
Centre de Documentation
Avenue du Val de Montpellier
BP 5035, 34032 Montpellier Cedex 1
France
Tel. 67 615800, 639170, 542830
Tx. DSA 490294 F
Fax. 67 41 40 15
### National and International Organizations and Research Institutes

<table>
<thead>
<tr>
<th>Organization</th>
<th>Address/Contact Information</th>
</tr>
</thead>
</table>
| **DSE** German Foundation for International Development | Weilinger Str. 52  
D-8133 Feldaling  
Federal Republic of Germany  
Tel. 08157/38-0  
Tx. 526436 |
| **EC** European Communities - Directorate General for Development | Rue de la Loi, 200  
1049, Brussels, Belgium  
Tel. 735 00 40, 735 80 40  
Tx. 21877 COMEU B  
Cab. COMEUR Brussels  
Regional Office for South-East Asia  
Regional Office:  
Thai Military Bank Bldg 34  
Phya Thai Rd, Bangkok, Thailand  
Tel. 282 1452  
Tx. 82764 COMEU BK TH |
| **EDC** Economic Development Centre - Department of Agricultural and Applied Economics | University of Minnesota  
St. Paul's, Minnesota  
USA |
| **EMBRAPA** Empresa Brasileira de Pesquisa Agropecuaria | Caixa Postal 007, Cruz das Almas  
BA, CEP 44380 Brazil |
| **EMDI** Environmental Management Development in Indonesia | Kantor Menteri Negara  
Kependudukan dan Lingkungan Hidup  
Medan Merdeka Barat 15 Jakarta Pusat  
Indonesia  
Tel. (62)21 371 239/035  
Tx. 44240 SEKNEGIA |
| **ESCAP** Economic and Social Commission for Asia and the Pacific (UN) | United Nations Building  
Rajdamnern Avenue  
Bangkok 10200, Thailand  
All ESCAP Divisions are at the same address  
Tel. 2829161-170, 2829171-180  
2829281-190, 2829191-200, 2829365  
2829368, 2829373-4, 2829376-9  
2829381-9, 2829392  
Tx. 82392 ESCAP TH,  
82315 ESCAP TH  
Fax. 2829602 |

ESCAP Agriculture and Rural Development Division  
ESCAP Development Planning Division  
ESCAP Division of Industry, Human Settlements and Environment  
ESCAP International Trade and Tourism Division  
ESCAP Social Development Division  
ESCAP Statistics Division
National and International Organizations and Research Institutes

FADINAP
Fertilizer Advisory, Development and Information Network for Asia and the Pacific
(under ESCAP)
United Nations Building
Rajdamnern Avenue Bangkok 2, Thailand
Tel.: 282 9161 (Ext. 1325)
Tx. 82392 ESCAP TH

FAO
Food and Agriculture Organization
Main office:
Via delle Terme di Caracalla
00100 Rome, Italy.
Tel. 5797
Tx. 61181
Cab. FOODAGRI ROME

Regional office for Asia and the Far East
Maliwan Mansion
Phra Atit Road
Bangkok 10200, Thailand
Tel. 281 7844, 281 7084

FAO Country Representatives Bangladesh
Bangladesh
PO Box 5039 (New Market)
Dhaka, Bangladesh
Tx. 310311, 310312, 310313 310314
Tx. 642979 FAO BJ (BANGLADESH)
Cab.FOODAGRI DHAKA

China
Jianguomenwai 4-2-151 and 152
Beijing, PRC
Tel. 5322835/6/7 PABX, 5321345
Tx. 22664 FAO BJCN (CHINA)
Cab.: FOODAGRI BEIJING

Fiji
Private Mail Bag
Apia, Western Samoa
Tel. 22127, 20710
Tx. 284 FOODAGRI SX APIA
Cab. FOODAGRI APIA
Fax. (170) 22126

India
PO Box 3088
New Delhi 110 003
Tel. 693060 (direct)
690410, 690762
Tx. 316216 FAO IN
Cab. FOODAGRI NEWDELHI

Indonesia
Jl. M.H. Thamrin 14
PO Box 3338
Jakarta 10001
Tel. 3210308
Tx. 45260 FAOREP IA
Cab. FOODAGRI JAKARTA
Fax. 0062 21 335516
### National and International Organizations and Research Institutes

<table>
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<th>Country</th>
<th>Address</th>
<th>Phone Numbers</th>
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<tbody>
<tr>
<td>Lao</td>
<td>PO Box 1640 Vientiane</td>
<td>Tel. 3344, 5745</td>
<td>Tx. 4324 FAO VTE LS</td>
<td>Cab. FOODAGRI VIENTINE</td>
</tr>
<tr>
<td>Myanmar</td>
<td>PO Box 101 Yangon, Myanmar</td>
<td>Tel. 30276</td>
<td>Tx. 21505 FOODAG BM</td>
<td>Cab. FOODAGRI YANGON</td>
</tr>
<tr>
<td>Nepal</td>
<td>PO Box 25 Kathmandu, Nepal</td>
<td>Tel. 523200, 523239</td>
<td>Tx. 2371 FAO KTM NP</td>
<td>Cab. FOODAGRI KATHMANDU</td>
</tr>
<tr>
<td>Pakistan</td>
<td>PO Box 1476 Islamabad, Pakistan</td>
<td>Tel. 820392, 822104, 820238</td>
<td>Tx. 5548 FAO IB PAKISTAN</td>
<td>Cab. FOODAGRI ISLAMABAD</td>
</tr>
<tr>
<td>Philippines</td>
<td>PO Box 1864 Metro Manila, Philippines</td>
<td>Tel. 850611/30, 8171654</td>
<td>Tx. 64111 FAO PN or 23149 FAOR PH</td>
<td>Cab. FOODAGRI MANILA</td>
</tr>
<tr>
<td>Sri Lanka</td>
<td>PO Box 1505 Colombo 7, Sri Lanka</td>
<td>Tel. 588537, 58091/8</td>
<td>Tx. 22203 FAOR CE (SRI LANKA) Cab. FOODAGRI COLOMBO</td>
<td></td>
</tr>
<tr>
<td>Thailand</td>
<td>Maliwan Mansion, Phra Atit Road Bangkok 2, Thailand</td>
<td>Tel. 2817844</td>
<td>Tx. 83815 FOODAGRI TH</td>
<td>Cab. FOODAGRI BANGKOK</td>
</tr>
<tr>
<td>Viet Nam (Socialist Rep.)</td>
<td>PO Box 63 Hanoi, Viet Nam</td>
<td>Tel. 57208, 57239</td>
<td>Tx. 411418 FAOR VT</td>
<td>Cab. FOODAGRI HANOI</td>
</tr>
<tr>
<td>FAO</td>
<td>FAO Project RAS/89/O40 Secretariat</td>
<td>Tel. (0251) 312824</td>
<td>Fax. 62-0251-312824</td>
<td></td>
</tr>
<tr>
<td>FAPRI</td>
<td>Food and Agricultural Policy Research Institute</td>
<td>Dept of Economics</td>
<td>Iowa State University</td>
<td>Ames, Iowa, 50011 USA</td>
</tr>
</tbody>
</table>
### National and International Organizations and Research Institutes

<table>
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<tr>
<th>Organization</th>
<th>Address Details</th>
</tr>
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</table>
| FETP (Far East Trade Press Limited) | 3rd Floor, Kaitak Commercial Bldg  
317 Des Voeux Road Central  
Hongkong  
Tel. 6457200  
Tx. 83434 FETP HX  
FAX. 5446979 or 8504437 |
| FFTC (Food & Fertilizer Technology Centre for the Asian and Pacific Region) | 5th floor, 14 Wenchow street, Taipei, Taiwan  
Tel. 3936239  
Cab. FFTC TAIPEI |
| FINNIDA (Finnish International Development Agency) | 15-C Manahan St., Helsinki, Finland  
Tel. 406077 |
| FIRDI (Food Industry Research and Development Institute) | P.O. Box. 246  
Hsinchu, 300 Taiwan  
Rep. of China  
Tel. 035 223191-6  
Fax. 035 214016 |
| FJ (Farming Japan Co., Ltd.) | 5-4, Uchikanda Ichome  
Chiyoda-ku, Tokyo, Japan  
Tel. 03-291-5788  
Fax. 03-293-7985 |
| FRI (Food Research Institute) | Stanford University  
Stanford, California 94305  
USA |
| FORD (Food Foundation) | Main office:  
320 East 43rd Street, New York, New York 10017  
USA  
Tel. (212) 573 5000  
Cab. FORDFOUND, NEWYORK  
Indonesian office:  
P.O. Box. 2030  
Taman Kebon Sirih 1/4  
Jakarta, Indonesia  
Tel. (021) 336705 |
| FORI (Forest Research Institute) | MNR College  
Laguna 3720, Philippines |
| FSSP (Farming Systems Support Project) | see: IFAS |
| FSSRI (Farming Systems and Soil Resources Institute) | Training and Extension Section  
FSSRI - University of the Philippines at Los Banos (UPLB)  
College, Laguna  
Philippines |
| GATE | see: GTZ |
### National and International Organizations and Research Institutes

<table>
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<tr>
<th>Organization</th>
<th>Address</th>
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<tr>
<td><strong>GATT</strong></td>
<td>Centre William - Rappard 154 rue de Lausanne CH-1211 Geneva 12, Switzerland Tel. 022-39-52-95 Tx. 28787 GAIT CH Fa. 022-31-42-06</td>
<td>Cab. GATT GENEVA</td>
</tr>
<tr>
<td><strong>GERDAT</strong></td>
<td>Groupement d'études et de recherches pour le Développement de l'agronomie tropicale See : CIRAD</td>
<td></td>
</tr>
<tr>
<td><strong>GRCS</strong></td>
<td>Genetic Resources Communication Systems, Inc. 727 8th Street, SE Washington, DC 20003 USA Tel. (202) 543-6843 Fax. 202 544-2521</td>
<td></td>
</tr>
<tr>
<td><strong>GTZ</strong></td>
<td>Deutsche Gesellschaft für Technische Zusammenarbeit = German Agency for Technical Cooperation Dag Hammarskjold Weg I - Postfach 5180 D-6236 Eschborn I West Germany Tel. 06196 40 II Tx. 417405 gtz d Cab. GERMA TEC, Eschborn Taunus</td>
<td></td>
</tr>
<tr>
<td><strong>HP</strong></td>
<td>The Hunger. Project, Global Office One Madison Avenue New York, NY 10010, USA Tel. 212-532-4255 Tx. 4972126 THPIUI Fax. 212-532-9785</td>
<td></td>
</tr>
<tr>
<td><strong>IAC</strong></td>
<td>International Agricultural Centre Lawickse Allee II Postbox 88, 6700 AB Wageningen, The Netherlands Tel. (0) 8370 19040 Tx. 45888 NL INITAS Cab. INITAS, Wageningen</td>
<td></td>
</tr>
<tr>
<td><strong>IADS</strong></td>
<td>International Agricultural Development Service 1611 North Kent Street, Arlington, Virginia 22209 USA</td>
<td></td>
</tr>
<tr>
<td><strong>IAEA</strong></td>
<td>International Atomic Energy Agency (UN) (includes Soil Fertility, Irrigation and Crop Production Section – FAO/IAEA) Vienna International Centre Wagramerstrasse 5 P.O. Box. 100, A-1400 Vienna, Austria Tel. 23600 Tx. 112645 Cab. INATOM VIENNA</td>
<td></td>
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<tr>
<td><strong>IARC</strong></td>
<td>International Agricultural Research Centres see: IRRI, IITA,IBPGR, CIAT</td>
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<td>Organization</td>
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<tr>
<td>IARI Indian Agricultural Research Institute</td>
<td>New Delhi 110012, India</td>
<td></td>
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<tr>
<td>(under ICAR)</td>
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<tr>
<td>IASRI Indian Agricultural Statistics Research Institute</td>
<td>Library Ave New Delhi 110012, India</td>
<td></td>
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<tr>
<td>(under ICAR)</td>
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</tbody>
</table>
| IBPGR International Board for Plant Genetic Resources | Regional office: Maliwan Mansion
(in Crop Ecology and Genetic Resources Unit, FAO)
(CGIRAR supported)                               | Main office: Via delle Terme de Caracalla
                                      00100 Rome, Italy
                                      Tel. 610181 FAOI
                                      Cab. FOODGARI, ROME                                                     |
| IBSNAT International Benchmark Sites Network for Agrotechnology Transfer | University of Hawaii at Manoa
College of Tropical Agriculture and Human Resources
Department of Agronomy and Soil Science
2500 Dole Street, Krauss Hall 22
Honolulu, Hawaii 96822
USA
Tel. (808)948-8858
Cab. UNIHAW                                      |
| IBSRAM International Board for Soil Research and Management | P.O. Box. 9-109
Bangkhen, Bangkok 10900
Thailand
Tel. 579-7590
Tx. 21505 IBSRAM TH.
Cab. IBSRAM                                     |
| ICAR Indian Council of Agricultural Research   | "Krishi Anusandhan Bhawan" Pusa New Delhi 11001, India
see also: CPRI, CTCRI, IARI, IASRI, NBPG
NRC, (Soya)                                      | Tel. 388991
Tx. 031-3701 ICAR IN
Telegram AGRISEC                                |
| ICAR All India Coord. Research Project Soybean  | G.B. Pant University of Agriculture Technology
Pantnagar, U.P., India                                               |
| ICAR Directorate of Oil Seeds Research          | Rajendranagar, Hyderabad 500 030
Andhra Pradesh, India
Tel. 48222
Cab. SODH TELHAN                                |
| ICAR Directorate of Pulses Research             | Kalyanpur, Kapur 208 024
Uttar Pradesh, India                                |
National and International Organizations and Research Institutes

ICARDA
International Center for Agricultural Research in the Dry Areas
(CGJAR supported)
P.O. Box. 114/5055
Aleppo, Syria
Tel. 550465; 551280; 213433
Tel. Hadya; 213477 Tel. Hadya
Tx. 331206 SY; 331208 SY; 331263 SY

ICDM
Information Centre for Development Policy Modelling
Systems Research Institute
17A Gulkekdi, poona 411 037
India
Tel. (0212) 470323

ICDUP
International Council for Development of Underutilized Plants
18 Meadow Park Court
Orinda, CA94563
U.S.A.

ICIMOD
International Centre for Integrated Mountain Development
4/80 Jawalakhe
P.O. Box. 3226
Kathmandu, Nepal
Tel. 522819, 521575
Tx. NP 2245 SAT A

ICIPE
International Center for Insect Physiology and Ecology
P.O. Box. 30772
Nairobi, Kenya
Tel. Nairobi 43049/43081/43719
Tx. 22053

ICLARM
International Centre for Living Aquatic Resources Management
MCC P.O. Box. 1501, Makati,
Metro Manila, Philippines
Tel. 818 04 66; 818 92 83 Tx. IT
T 45658 ICLARM PM
Cab. ICLARM Manila

ICRISAT
International Crops Research Institute for the Semi-arid Tropics
(CGJAR supported)
Hyderabad office:
6-3-346 Road no. I
Banjara Hills,
yderabad 500034
India
Mail:
Patancheru P.O
Andhra Pradesh 502 324
India
Tel. Hyderabad 224016
Tx. 0152 203, 0155-366
Cab. CRISA T, Hyderabad
National and International Organizations and Research Institutes

IDCJ  International Development Centre of Japan
Kyofuku Bldg.
9-11, Tomioka 2-Chome,
Koto-Ku
Tokyo 135, Japan
Tel. (03) 630-6911
Cab. INTL DEVCENTER TOKYO
Tx. 125338 DEVCENT
Fax. (03) 630-8120

IDE  Institute of Developing Economies
41 Ichigaya-Hommata-Chō
Shinjuku-ku, Tokyo 162
Japan
Tel. Tokyo (3) 353-4231
Tx. AJIJEN 132473
Cab. AJIJEN Tokyo
Fax. (03) 226-8475

IDIC  International Development Journal Co. Ltd.
Tornado Building 13-19
Akasaka 2-chome
Minatoku, Tokyo 107, Japan
Tel. (03) 584-2191
Cab. IDJ TKO
Fax. (03) 582-5745

IDRC  International Development Research Centre =
Centre de Recherches pour le développement International
Main office:
P.O. Box/BP 8500
Ottawa, Ontario, Canada K1G 3H9
Tel. (613) 236-6163
Tx. 053 3753
Main office:
Cab. RECENTRE
Area office:
Mail: Tanglin P.O. Box. 101
Singapore 9124
Location:
7th Story RELC Building
30, Orange Grove Road
Singapore 1025
Tel. 2351344
Tx. SINIDRC RS 21076
Cab. IDRECENTRE

IEE  The Institute of Energy Economics
No. 10 Mori Bldg. 18-1,
Totanomon 1 chome Minato-ku,
Tokyo, Japan

IFAD  International Fund for Agricultural Development (UN)
Via del Serafico 107
00142 Rome, Italy
Tel. 54591
Tx. 614160/2 IFADM1
Cab. IFAD ROME
National and International Organizations and Research Institutes

IFAS  Institute of Food and Agricultural Sciences  University of Florida
3028 McCarty Hall
Gainsville, Florida 32611
USA

IFDC  International Fertilizer Development Center  P.O. Box. 2040
Muscle Shoals, Alabama
35662 USA

IFPRI  International Food Policy Research Institute
(CGIAR supported)  1776 Massachusetts Avenue, NW
Washington, D.C. 20036, USA
Tel. (202) 862 5600
Tx. 440054
Fax. (202) 467-4439
Cab. IFPRI

IGLIC  International Grain Legume Information Centre
address see: IITA

IICA  Instituto Interamericano de Cooperacion para la
Agricultura de la OEA = Inter-American Institute
for Co-operation in Agriculture  Sede Central
Apartado 55-2200 Coronado
San Jose, Costa Rica
Tel. 29 02 22
Tx. CR 2144 IICA San Jose,
Costa Rica
Cab. IICA SANJOSE

IIED  International Institute for Environment and
Development  3 Endsleigh Street
London, WC1H OOD
United Kingdom

IIMI  International Irrigation Management Institute
Headquarters:
P.O. Box 2075
52, New Parliament Road
Rajagiriya via Colombo
Sri Lanka
Tel. 941 565601
Tx. 22318 & 22907 IIMIHQ CE
Fax 941562919

Indonesian Office:
Direktorat Irigasi I,
Jl. Pattimura no 20/Perc 7,
Kebayoran Baru Jakarta
P.O. Box. 435 KBY,
Jakarta 12001, Indonesia
Tel. 773803, 775465
Tx. 61894FF JKT

IITA  International Institute of Tropical Agriculture
(CGARI supported)  Oyo Road, PMB 5320, Ibadan,
Oyo State, Nigeria
Tx. TROPIB NG 31417
Cab. TROFOUND, IJEKA,
NIGERIA

Mailing address:
P.O. Box. 5320
Ibadan, Nigeria
National and International Organizations and Research Institutes

ILCA  International Livestock Centre for Africa  P.O. Box. 5689
Addis Ababa
Ethiopia
Tel. 18 32 15
Tx. ILCA 21207
Cab. ILCAF ADDIS ABABA

ILEIA  Information Centre for Low External Input Agriculture
Kastanjelaan P.O. Box 64
830 AB Leusden
The Netherlands
Tel. 033 943086
Tx. 79380 ETCLN
Fax. 033 940791

ILO  International Labour Organization (UN)
4 Route des Morillons
CH-1211
Geneva 22, Switzerland
Tel. 99.61.11
Tx. 22 271
Cab. INTERLAB GENEVA

For national office see UNDP country office

Indonesian Office:
Jl. M.H. Thamrin 14
P.O. Box 1075
Jakarta 10001
Tel. 321308
Tx. 44178 UNDEVPROIA
Fax. 3100766
Cab. INTERLAB JAKARTA

ILRAD  International Laboratory for Research on Animal Diseases
(PGIAR supported)
P.O. Box. 30709
Nairobi, Kenya
Tel. Nairobi 592311
Tx. 22040 ILRAD
Fax. 593499

ILRI  International Institute for Land Reclamation and Improvement
Marijkeweg 11, P.O. Box. 45
6700 AA Wageningen,
The Netherlands
Tel. 08370 19100

IMF  International Monetary Fund (UN)
700 19th Street NW
Washington, D.C. 20431
USA
Tel. 477 7000
Tx. 64111
Cab. INTERFUND WASHINGTON

INFIC  International Network of Feed Information Centres
Prospect P.O. Box. 239
Blacktown NSW 2148, Australia
Tel. 612 631 8022
Tx. 27450
Fax. 612 688 2340
### National and International Organizations and Research Institutes

**INTERPAKS**  
International Program for Agricultural Knowledge Systems  
University of Illinois at Urbana-Champaign  
113 Mumford Hall  
1301 West Gregory Drive  
Urbana, Illinois 61801  
USA

**INTSOY**  
International Soybean Program  
University of Illinois at Urbana-Champaign,  
113 Mumford Hall  
1301 West Gregory Drive  
Urbana, Illinois 61801, USA  
Tel. (217)333 6422  
Tx. 206957  
Cab. INTSOY

**IPB**  
Bogor Agricultural University  
Jl. Raya Pajajaran  
Baranangsiang, Bogor  
Indonesia  
Tel. 323081, 312032  
Fax: 312708

**IPC**  
see: CIP

**IPI**  
International Potash Institute  
CH-3048  
Berne- W orblaufen, Switzerland  
East & Southeast Asia programme office:  
126 Watten Estate Road  
Singapore 1128  
Tel. 468 1143  
Tx. RS 56759 PPIPI  
Cab. POTAINST

**IRAT**  
Institut de Recherches Agronomiques Tropicales (under CIRAD)  
45 bis  
Avenue de la Belle Gabrielle  
94736 Nogent-sur-Marne Cedex France  
Tel. (1) 43 94 43 00  
Fx. IRA T 264656 F  
Fax. (1) 4394 4491

**IRFA**  
Institut de Recherches sur les Fruits et Agrumes (under CIRAD)  
IRFA-CIRAD  
Avenue du Val Montferrand  
BP 5035  
34032 Montpellier Cedex  
France  
Tel. 67-61-58-00  
Tx. IR-FAMON 485631

**IRMP**  
Institute for Research on Market and Prices  
1, ThuyKhue Street  
BaDinh, Hanoi  
Viet Nam  
Tel. 62927, 53431
<table>
<thead>
<tr>
<th>Organization</th>
<th>Description</th>
<th>Address</th>
</tr>
</thead>
</table>
| IRRI         | International Rice Research Institute (CGIAR supported) | Research Center: Los Banos, Laguna, Philippines  
Mailing address: P.o. Box. 933  
1099 Manila, Philippines  
Tx. 45365 RICE PM via ITT;  
22456 IRI PH via RCA;  
67552 RICE PN via Eastern  
Fax. (63-2) 817-8470; 818-2087 |
| ISEAS        | Institute of Southeast Asian Studies  
Asean Economic Research Unit | Heng Mui Keng Terrace  
Pasir Panjang  
Singapore 0511 |
| ISIS         | Institute of Strategic and International Studies (Malaysia) | Jalan Sultan Salah uddin  
P.O. Box. 12424  
50778 Kuala Lumpur  
Malaysia  
Tel. 03-2939366  
Tx. M. 31679  
Cab. ISISMA Kuala Lumpur |
| ISNAR        | International Service for National Agricultural Research (CGIAR supported) | Oranje Buitensingel 6  
2511 VE The Hague  
The Netherlands  
P.O. Box 93375  
2509 AJ.  
The Hague, The Netherlands  
Tel. 070/47.29.91  
Tx. 33746 |
| ISTIC        | The Institute Scientific & Technical Information of China | P.o. Box. 640  
Peking,  
The People's Republic of China |
| ITB          | Institute of Technology Bandung - Development Technology Center | Jl. Ganesha 10  
Bandung, Indonesia  
Tel. 83307, 82768 |
| ITC          | International Trade Center (sponsored by GATT and UNCTAD) | Palais des Nations  
CH-1211  
Geneva 10, Switzerland  
Tel. 99.61.11  
Tx. 289052 ITC-CH  
Cab. INTRADCEN GENEVA |
| JICA         | Japan International Co-operation Agency | P.o. Box. 216, Shinjuku Mitsui Bldg  
2-1, Nishi-Shinjuku,  
2-chome Shinjuku-ku  
Tokyo 16O, Japan  
Tel. 346-5191, 346-500-3  
Japanese Embassy Compound  
24, Jl. Thamrin  
Jakarta |
National and International Organizations and Research Institutes

**JSPS**  Japan Society for the Promotion of Science  
Jamato Bldg, 5-3-1, Kojimochi, Chiyoda-ku, Tokyo 102, Japan

**JSSSPN**  Japanese Society of Soil Science and Plant Nutrition  
c/o Center for Academic Publications Japan, 4-16, Yayoi 2-chome, Bunkyo-ku, Tokyo 113, Japan

**KIT**  Koninklijke Instituut voor de Tropen = Royal Tropical Institute  
63 Mauritskade 1092 AD Amsterdam, The Netherlands  
Tel. (020) 92 49 49  
Tx. 15080 KIT NL  
Cab. INTROPEN

**KU**  Kasetsart University. Department of Agricultural and Resource Economics  
Paholyothin Road, Bangkhen, Bangkok 10900, Thailand  
Tel. 5792539, 56113.69  
Tx. 84478 INTERAE TH  
Fax. 662 561 3034

**LAES**  Lowland Agriculture Experiment Station (DOAL)  
P.O. Keravat, Rabaul, East New Britain Province, Papua New Guinea  
Tel. (675-92) 6251, 6252, 6253  
Tx. 22143

**LC**  Library of Congress Office - Southeast Asia (from US)  
*Office:*  
Jl. H.O.S. Cokroaminoto 65  
Menteng, Jakarta, Indonesia  
Tel. 345124  

*Mail:*  
American Embassy  
Jl. Medan Merdeka Selatan 5  
Jakarta, Indonesia

**MARDI**  Malaysia Agricultural Research Development Institute  
Peti Surat 12301  
Pejabat Besar Pos 50774 Kuala Lumpur, 50774 Malaysia  
Tel. (03) 9486276  
Tx. MA 37115 MARDI  
Fax. (03) 9483664

**MARIF**  Malang Research Institute for Food Crops (under CRIFC)  
Jl. Raya Kendalpayak  
P.o. Box. 66  
Malang 65101, East Java, Indonesia

**MAS**  Myanmar Agriculture Service  
72-74 Swedagon Pagoda Road  
Yangon, Myanmar  
Tel. (01) 80235  
Tx. 21311 AGRICO BM
National and International Organizations and Research Institutes

MOA   Ministry of Agriculture (Indonesia)   Jl. Harsono RM no. 3
       Ragunan, Pasar Minggu
       Jakarta Selatan
       Indonesia
       Tel. 7804156, 7805305
       Tx. 44246, 44332 DEPTAN IA
       Fax. 62-78041237

MOA   Ministry of Agriculture (Nepal)       Bagbazar
       Kathmandu
       Nepal

MOAC  Ministry of Agriculture and Cooperatives, Centre for
       Agricultural Economics
       Rajadammern Avenue
       Bangkok, 10200, Thailand
       Tel. 66-2-2824053
       Fax. 66-2-2829217

MOAC  Ministry of Agriculture and Cooperatives. Office
       Of Agricultural Economics (Thailand)
       Kasetsart University
       Bangkhen, Bangkok 10900
       Tel. 579-8596
       Tx. 84478 INTERACTH

MOADR Ministry of Agricultural Development and Research.
Department of Agriculture (Sri Lanka) P.O. Box 47
       Gannonew
       Peradeniya
       Sri Lanka
       Tel. 88011

MOADR Department of Agriculture Division of Agricultural
Economics & Planning P.O. Box 7
       Paradeniya
       Sri Lanka
       Tel. 08-88081, 88206
       Tx. 94-8 MTKDY
       Fax. 94-8-88654
       Cab. AGRIC ECONOMICS

MOAF  Ministry of Agriculture and Forestry. Planning
       And Statistics Department (Myanmar)
       Thiri Mingalar Avenue
       Off Kaba Aye Pagoda Road
       Yankin, P.O. Yangon
       Myanmar
       Tel. 64225
       Tx. 21311 AGRICO BM

MOAF  Ministry of Agriculture and Fisheries. Department of
       Agriculture (Fiji) P. O. Box 358
       Suva
       Fiji
       Pacific Island

MOAFI Ministry of Agriculture and Food Industry
       Bach Thao
       Hanoi
       Bo Nong Nghiep va CNTP
       Socialist Republic of Viet Nam
       Tel. 42-68161
       Tx. 411266 MAFIVT

MOFAX Ministry of Food, Agriculture and Cooperatives
       Islamabad
       Pakistan
<table>
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<tr>
<td><strong>MOPI</strong> Ministry of Plan Implementation</td>
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<tr>
<td>P. O. Box 563</td>
</tr>
<tr>
<td>Colombo 7</td>
</tr>
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<td>Sri Lanka</td>
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<tr>
<td><strong>MORIF</strong> Maros Research Institute for Food Crops</td>
</tr>
<tr>
<td>(Under CRIFT)</td>
</tr>
<tr>
<td>Jl. Dr. Ratulangi 47</td>
</tr>
<tr>
<td>P.O. Box 173</td>
</tr>
<tr>
<td>Ujung Pandang, South Sulawesi, Indonesia</td>
</tr>
<tr>
<td>Tel. (0411)84987</td>
</tr>
<tr>
<td><strong>MPI</strong> Ministry of Primary Industries (Fiji)</td>
</tr>
<tr>
<td>P.O. Box 358</td>
</tr>
<tr>
<td>Suva</td>
</tr>
<tr>
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<tr>
<td>Pacific Island</td>
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<tr>
<td><strong>MPI</strong> Ministry of Primary Industries. Koronivia Research</td>
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<tr>
<td>Station</td>
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<tr>
<td>P.O. Box 77</td>
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<td>Nausori</td>
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<tr>
<td>Fiji</td>
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<tr>
<td>Pacific Island</td>
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<tr>
<td><strong>MSU</strong> Michigan State University. Department of Agricultural</td>
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<tr>
<td>Economics</td>
</tr>
<tr>
<td>Agricultural Hill</td>
</tr>
<tr>
<td>East Lansing, Michigan</td>
</tr>
<tr>
<td>48824 U.S.A.</td>
</tr>
<tr>
<td>Tel. 517 353 9330</td>
</tr>
<tr>
<td>Tx. 650 265 1763 MCI</td>
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<tr>
<td><strong>NARC</strong> National Agricultural Research Centre. Department of</td>
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<tr>
<td>Agriculture. (LAO)</td>
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<tr>
<td>P.O. Box 811</td>
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<tr>
<td>Vientiane</td>
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<td>Lao PDR</td>
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<td><strong>NARSC</strong> National Agricultural Research and Services Centre</td>
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<td>Khumaltar</td>
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<tr>
<td>Nepal</td>
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<tr>
<td>Tel. 5-23041</td>
</tr>
<tr>
<td>Fax. 521219</td>
</tr>
<tr>
<td><strong>NBPGR</strong> National Bureau of Plant Genetic Resources</td>
</tr>
<tr>
<td>(Under ICAR)</td>
</tr>
<tr>
<td>FCI Building</td>
</tr>
<tr>
<td>CTO Complex, Pusa</td>
</tr>
<tr>
<td>New Delhi 110012, India</td>
</tr>
<tr>
<td><strong>NIFTAL</strong> Nitrogen Fixation by Tropical Agricultural Legumes</td>
</tr>
<tr>
<td>Project</td>
</tr>
<tr>
<td>1000 Holomua Road</td>
</tr>
<tr>
<td>Paia, Hawaii 96779-9744</td>
</tr>
<tr>
<td>U.S.A.</td>
</tr>
<tr>
<td><strong>NLI</strong> National Library of Indonesia = Perpustakaan Nasional</td>
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<td>Indonesia</td>
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<tr>
<td>Jl. Salemba Raya 28</td>
</tr>
<tr>
<td>P. O. Box. 3624</td>
</tr>
<tr>
<td>Jakarta 10002, Indonesia</td>
</tr>
<tr>
<td>Tel. 3101411</td>
</tr>
<tr>
<td><strong>NMDP</strong> National Maize Development Program</td>
</tr>
<tr>
<td>Dept. of Agriculture</td>
</tr>
<tr>
<td>P.O. Box 133</td>
</tr>
<tr>
<td>Kathmandu, Nepal</td>
</tr>
<tr>
<td>Tel. 521323, 521359</td>
</tr>
<tr>
<td>Or</td>
</tr>
<tr>
<td>Rampur Agri Station</td>
</tr>
<tr>
<td>Rampur, Chitwan</td>
</tr>
<tr>
<td>Narayani Zone, Nepal</td>
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<td>National and International Organizations and Research Institutes</td>
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</tr>
</tbody>
</table>
| **NRC (Soya)**  
National Research Centre for Soybean (ICAR)  
Khandwa Road  
Indore 452001  
Madya Pradesh, India  
Tel. 65653 |
| **NRCG**  
National Research Centre for Groundnut  
Maharshi Dayanand Farm  
Gujarat Agricultural Univ.  
Campus Junagarh 362002  
India |
| **NRI**  
Natural Resources Institute  
*Formerly:*  
Tropical Development and Research Institute  
Overseas Development Natural Resources Institute (ODNRI)  
Central Avenue  
Chatham Maritime  
Kent ME4 4TB  
United Kingdom  
Tel. 063480088  
Tx. 2639078 LDN G  
Fax. 0634 880066/880077  
Cab. NRI Chatham |
| **NRIAE**  
National Research Institute of Agricultural Economics  
2-1 Nishigahara 2, Kita-ku  
Tokyo 114, Japan  
Tel. 03 910 3946 |
| **NUFFIC**  
Netherlands Universities Foundation for International Cooperation  
Badhuisweg 251  
Postbus 90734  
2509 LS ’s Gravenhage  
The Netherlands  
Tel. (070) 510510  
Tx. 33565 NUFIC NL  
Fax. (070) 510513 |
| **ODP**  
Oilseed Crops Development Project  
see: TISTR |
| **ODA**  
Overseas Development Administration (United Kingdom)  
Eland House, Stag Place  
London SW1E 5DH  
United Kingdom  
Tel. 01 213 3000  
Cab. MINISTRANT, London  

Southeast Asia Development Division:  
c/o British Embassy  
Wireless Rd., Bangkok, Thailand  
Tel. 253 0191 ext 295  
Tx. 82263 (a/b PRODROM TH) |
| **ODC**  
Overseas Development Council  
1717 Massachusetts Ave NW  
Washington, D.C. 20036  
USA  
Tel. 202 234 8701 |
| **ODI**  
Overseas Development Institute  
Regent's College  
inner Circle  
Regent's park  
London NW1 4NS  
England  
Tel.  
Fax. |
National and International Organizations and Research Institutes

ODNRI Overseas Development Natural Resources Institute
(merger of TPI and COPR)
see: NRI

OECD Organization for Economic Co-operation and Development
2, rue Andre-Pascal
75775 Paris Cedex 16 France
Tel. (1) 45-24-82-00
Tx. 620 160 OECD
Fax. (33-1) 45-248500

Publications and Information Centre:
Landic Akasaka Bldg.
2-3-4 Akasaka, Minato-ku
Tokyo 107
Tel. 586-2016-8
Fax. 584-7929

ORSTOM Institut Francais de Recherche Scientifique pour le Developpement en Cooperation
70-74, tourse Aulnay,
93140 Bondy, France

PAE Pusat Penelitian Sosio Agro-Ekonomi
see: CASER

PARC Pakistan Agricultural Research Council
L-13, Al-Markaz F/7
P.O. Box. 1031
Islamabad, Pakistan
Tel. 813860/2513
Tx. 5604 PARC PK
Cab. AGRESCOUNCIL

PCARRD Philippine Council for Agriculture, Forestry and Natural Resources Research and Development
Los Banos
Laguna 3720, Philippines
Tel. 50015 to 24;

Office:
Manila 8323773, 8323733
Tx. 40860 PARKS PM
Fax. 63-2-094 50016
Cab. AGRESPHIL Manila

PCSP Peanut Collaborative Support Project
Georgia State University
Athens, Georgia
USA

PDII-LIPI Pusat Dokumentasi dan Informasi Ilmiah
(Indonesian Centre for Scientific Documentation and Information)
Jl. Jend. Gatot Subroto 10
Jakarta 12190, Indonesia
P.O. Box. 269/JKSMG/88
Jakarta 12790, Indonesia
Tel. 583465, 583467, 510719
Tx. 62873 IA
Cab. PDII

PIA Postgraduate Institute of Agriculture (Sri Lanka)
see: UP
<table>
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<tr>
<th>Organization/Center</th>
<th>Address/Contact Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRCRTC</td>
<td>Philippine Root Crops Research and Training Center Visayas State College of Agriculture Visca, Baybay, Leyte Philippines 6521-A</td>
</tr>
<tr>
<td>PUSTAKA</td>
<td>National Agriculture Library – Indonesia Jl. Ir. H. Juanda no. 20 Bogor, Indonesia Tel. (0251) 321746 Fax. 327107, 324394</td>
</tr>
<tr>
<td>RDA</td>
<td>Rural Development Administration Suweon 441-707 Republic of Korea Tel. 0331-292-0955/7, 4370/9 Tx. K27361 RURDEV Fax. 0331-292-4163 Cab. ORD Suweon</td>
</tr>
<tr>
<td>RI</td>
<td>Rodale Institute 222 Main Street Emmaus, PA 18098 U.S.A. Tel. (215) 967-5171 Tx. 847338 Fax 215-961-3044</td>
</tr>
<tr>
<td>RNAM</td>
<td>Regional Network for Agricultural Machinery (under ESCAP) Office: Univ. of Philippines Los Banos, College, Laguna 3720 Philippines Mail: c/o UNDP P.O. Box. 7285 ADC Pasay City, Metro Manila Philippines Tel. 3470, 3522 Tx. RCA 72222250/7222251, Globe Mackay ITTT 45226, Eastern 63557/63696 Cab. UNDEVPRO Manila</td>
</tr>
<tr>
<td>ROC</td>
<td>ROC - Agricultural Technical Mission to Indonesia Mail: P.O. Box. 24 Bulaksumur, Yogyakarta, Indonesia (57 Kaliurang, Yogyakarta)</td>
</tr>
<tr>
<td>ROCK</td>
<td>The Rockefeller Foundation 1133 Avenue of the Americas New York, New York 10036, USA Tel. (212) 869 8500 Cab. ROCKFOUND, NEWYORK</td>
</tr>
<tr>
<td>RTI</td>
<td>Royal Tropical Institute see: .KIT</td>
</tr>
</tbody>
</table>
National and International Organizations and Research Institutes

RWAL  RWAL Publications  Llyods Bank Chambers  15 Devonshire Road  Bexhill-On-Sea, E. Sussex  TN1AH, United Kingdom  Tel. (0424) 2190312  Tx. 457485 ROBING-O  Fax. Nat 0424 730291  Int. 44 424730291

SABRAO  Society for the Advancement of Breeding Researchers in Asia and Oceania  c/o Dr. Yap  Professor of Plant Breeding  Department of Agronomy and Horticulture  University of Agriculture  Serdang, Selangor, Malaysia

SAREC Swedish Agency for Research Co-operation with Developing Countries  Birger larlsagatan 61  S-10515 Stockholm  Sweden  Tel. 08 15 01 00  Tx. 114 50  Cab. SIDA Stockholm  or  Saltmatargatan 8  Stockholm, Sweden  Tel. 7285100

SARIF  Sukarami Research Institute for Food Crops (underCRIFC)  Bandar Buat  P.O. Box. 34  Padang, West Sumatra, Indonesia

SEAMEO-BIOTROP  South-East Asian Regional Center for Tropical Biology  Jl. Raya Tajur Km. 6  P.O. Box 17  Bogor, Indonesia  Tel. (0251)323848  Tx. 48299 BIOTROP IA

SEARCA  South East Asian Regional Centre for Graduate Study and Research in Agriculture  see also: AIBA  4031 College  Laguna 3720, Philippines  Tel. 2317, 2290, 2477  Tx. (lIT) 40904 SEARCA PM

SERED Socio-Economic Research Division (under NARSC)  Khumaltar  Lalitpur  Nepal  Tel. 5-25703  Fax. 521219

SMC  South Media & Communication Ltd.  Head Office:  525 Fulham Road  London, SW6 LHF  United Kingdom  Tel. 071-3811555  Tx. 8814201 TRIMEDG  Fax. 071-610 1495
SMIC Sorghum and Millets Information Center
see: ICRISA

SOW VU Centre for World Food Studies (Stichting Onderzoek Wereldvoedselvoorziening van de Vrije Universiteit)
De Boelelaan 1105
1081 HV Amsterdam
The Netherlands
Tel. 31 20 5484622
Fax. 31 20 425525

SRES School for Resource and Environmental Studies-Dalhousie
1312 Robie Street
University Halifax, Nova Scotia
Canada B3H 3E2

SURIF Sukamandi Research Institute for Food Crops (under CRIFC)
Jl. Raya 9, Sukamandi
Tromol Pos II, Cikampek,
Jawa Barat 41256, Indonesia
Tel. (0264) 21157, 21158, 21159

TARC Tropical Agriculture Research Centre
Kitanakazuma, Yatabe-machi,
Tsukuba-gun, Ibaraki-ken 305,
Japan
Tel. 02975-6-6302

Regional Office Malaysia
Ministry of Agriculture
Forestry and Fisheries
c/o Mada Agricultural Development Authority (MADA)
Ampang Jajar
05990 Alor Setar
Kedah, Malaysia
Tel. 04 728255 ext. 207, 208, 229
Fax. 04 712667

TDRI Tropical Development and Research Institute
see: NRI

TISTR Thailand Institute of Scientific and Technological Research
196 Phahonyothin Road
Bangkhen
Bangkok 10900
Tel. (02) 579 1121-30, 579 7530
Tx. 21392 TISTR TH
Cab. TISTR/Bangkok

TPI Tropical Products Institute
see: NRI

TITA The Thai Tapioca Trade Association
20th Floor, Sathon Thani Bldg 11
92/58 Thanon Sathom Nua
Silon, Bangnak, Bangkok 10500
Tel. 234-4724, 234-0620, 236-6084
Tx. 20522 TAPIOCA TH
Cab. TAPIOCA

TVIS Tropical Vegetable Information Service
see: AVRDC
### National and International Organizations and Research Institutes

<table>
<thead>
<tr>
<th>Organization</th>
<th>Address</th>
<th>Phone</th>
<th>Fax</th>
<th>Telex</th>
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<tbody>
<tr>
<td>UAF</td>
<td>University of Agriculture and Forestry</td>
<td>Tho Doc, Ho Chi Minh City, Tel. 84-8-98540, Tx. 81269</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UGM</td>
<td>Gadjah Mada University, Faculty of Agriculture</td>
<td>Jl. Sekip Unit 1, P.O. Box 1, Yogyakarta, Indonesia, Tel. (0274) 3062, 3582, Fax. (0274) 3582, Tx. 25135 UGM</td>
<td></td>
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</tr>
<tr>
<td>UIVC</td>
<td>University of Illinois at Urbana-Champaign, Office of International Agriculture</td>
<td>113 Mumford Hall, 1301 West Gregory Drive, Urbana Illinois 61801, USA, Tel. (217) 333-6420, Tx. 206 957 (INTAC URBA), Fax. (217) 244-6537</td>
<td></td>
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<tr>
<td>UNCTAD</td>
<td>United Nations Conference on Trade and Development</td>
<td>Palais des Nations, CH-1211 Geneva, 10 Switzerland, Tel. 34.60.11, Tx. 289696, Cab. UNATIONS GENEVA</td>
<td></td>
<td></td>
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<tr>
<td>UNDP</td>
<td>United Nations Development Programme</td>
<td>One United Nations Plaza, New York 10017, New York, USA, Tel. 754 1234, Tx. 125 980, Cab. UNDEVPRO NEWYORK</td>
<td></td>
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**Field Offices:**

- **Afghanistan**
  - Shah Mahmoud, Ghazi Watt, 4-1, Kabul, Tel. 26051-5, 20445, Cab. UNDEVPRO KABUL
<table>
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<tr>
<th>Country</th>
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<tr>
<td>Bangladesh</td>
<td>House no. 60, Road no. II A Dhanmondi Residential Area Dhaka-5 PO Box 224 Ranna, Dhaka, Bangladesh Tel. PBX 317181 to 5 311511, 315336, 317374</td>
<td>Tel. PBX 317181 to 5 311511, 315336, 317374</td>
<td>Cab. UNDEVPRO DHAKA</td>
<td></td>
</tr>
<tr>
<td>Bhutan</td>
<td>Hydel Building (Off Narzin Lane Behind Cotage Industries Emporium) Thimphu Tel. 2498, 2315, 2424, 2443</td>
<td>Tel. 2498, 2315, 2424, 2443</td>
<td>Cab. UNDEVRO THIMPHU</td>
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</tr>
<tr>
<td>China</td>
<td>United Nations Bldg. 2 Donggi Jie Sanlitun Beijing, PRC Tel. 523730-9 Tx. 22314 DPBJG CN Fax. 85 22314</td>
<td>Tel. 2498, 2315, 2424, 2443</td>
<td>Cab. UNDEVPRO BEIJING</td>
<td></td>
</tr>
<tr>
<td>Fiji</td>
<td>Parade Building 5th Floor, Joske St. Private Mail Bag Suva, Fiji Tel. 312500 Tx. 228 UNDP SUVA</td>
<td>Tel. 312500 Tx. 228 UNDP SUVA</td>
<td>Cab. UNDEVPRO SUVA</td>
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</tr>
<tr>
<td>India</td>
<td>55, Lodi Estate PO Box 3059 New Delhi 110 003, India Tel. 690410, 690135 Tx. 61652 UNDP IN</td>
<td>Tel. 690410, 690135 Tx. 61652 UNDP IN</td>
<td>Cab. UNDEVPRO NEWDELHI</td>
<td></td>
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<tr>
<td>Indonesia</td>
<td>JI. M.H. Thamrin 14 PO Box 2338 Jakarta, Indonesia Tel. 321308 Tx. 44178 UNDEVPRO IA</td>
<td>Tel. 321308 Tx. 44178 UNDEVPRO IA</td>
<td>Cab. UNDEVPRO JAKARTA</td>
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</tr>
<tr>
<td>Korea (Rep. of)</td>
<td>94-37 Yongdongsu-dong Yongdongsu-ku, Area code 150 Seoul C.P.O. Box 143 Area Code 100 Seoul</td>
<td>Tel. 6339456, 6339451 to 5 Tx. 27366 (KOREA)</td>
<td>Cab. UNDEVPRO SEOUL</td>
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</tr>
</tbody>
</table>
National and International Organizations and Research Institutes

Lao
Rue Phone Kheng
B.P. 345
Vientiane
Tel. 2342, 2501
Tx. 4306 ONU VTE LS
Cab. UNDEVPRO VIENTIA

Malaysia
Blocks K-9 & K-10
Government Offices Complex
Jalan Dutta, Kuala Lumpur
P.O. Box 12544
Kuala Lumpur 01-23
Malaysia
Tel. 942555, 942687, 9422717, 942840, 942905
Tx. MA 30270
Fax. 60-3-2552870
Cab. UNDEVPRO KUALALUMPUR

Myanmar
24, Manawhari
Cheape Road
P.O. Box 650
Yangon
Yangon
Tel. 82164, 82176, 82758
Tx. 21318 DPBUR BM
Cab. UNDEVPRO YANGON

Nepal
United Nations Bldg.
Pulchowk
PO Box 107
Kathmandu, Nepal
Tel. 521981-88
Tx. 2206 UNDP NP
2306 UNDP NP
Cab. UNDEVPRO KATHMANDU

Papua New Guinea
4th Floor, Credit House
Musgrave Street
PO Box 1041
Port Moresby, PNG
Tel. 214960, 211106
Tx. 22197 (PAPUA NEW GUINEA)
Cab. UNDEVPRO PORTMORESBY

Philippines
NEDA SA Makati Bldg.
106, Amorsolo Street
Legaspi Village, Makati
PO Box 1864
Metro Manila, Philippines
Tel. 881536, 850611
Tx. RCA 22250 (pHILIPPINES)
Cab. UNDEVPRO MANILA
<table>
<thead>
<tr>
<th>Country</th>
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<tbody>
<tr>
<td>Sri Lanka</td>
<td>204 Buddhaloka Mawatha PO. Box 1505 Colombo - 7, Sri Lanka Tel. 580691 through 98 Tx. COLOMBO 21210 Cab. UNDEVPRO COLOMBO</td>
</tr>
<tr>
<td>Thailand</td>
<td>United Nations Bldg. 12th Floor PO Box 613 Rajadamnern Avenue Bangkok 10200, Thailand Tel. 282-9613, 282-9161, 282-9171, 282-9191 Tx. TH 82392, TH 82315 BANGKOK Cab. UNDEVPRO BANGKOK</td>
</tr>
<tr>
<td>Viet Nam (Socialist Republic)</td>
<td>27-29 Phan Boi Chau PO Box 59 Hanoi, Viet Nam Tel. 57318, 57495 Tx. 4417 UNDP VT Cab. UNDEVPRO HANOI</td>
</tr>
<tr>
<td>UNDRO Office of the United Nations Disaster Relief Co-ordinator</td>
<td>Palais des Nations CH-1211 Geneva, Switzerland</td>
</tr>
<tr>
<td>UNEP United Nations Environment Programme</td>
<td>P.O. Box. 30552 Nairobi, Kenya Tel. 333930 Tx. 22068 Cab. UNITERRA NAIROBI</td>
</tr>
<tr>
<td>UNESCO United Nations Educational, Scientific and Cultural Organization</td>
<td>7 Place de Fontenoy F-75700 Paris, France Tel. 568.0000 Cab. UNESCO PARIS</td>
</tr>
<tr>
<td>UNESCO Office of the Regional Adviser for the General Information Programme/ ASTINPO Secretariat</td>
<td>24/1 Sukhumvit Soi 59 GPO Box 1425 Bangkok 10501 Tel. 3902564 Tx. 20591 TH Cab. UNESCO BANGKOK</td>
</tr>
<tr>
<td>UNIC United Nations Information Center</td>
<td>Indonesian office: Gedung Dewan. Pers 5th Flout, 32-34 Jalan Kebon Sirih Jakarta, Indonesia P.O. Box 2338 JAKARTA Tel. 3800292, 3800274, 378050</td>
</tr>
</tbody>
</table>
National and International Organizations and Research Institutes

UNIDO United Nations Industrial Development Organization
Vienna International Centre
Wagramer Strausse 5
P.O. Box. 300
A-1400 Vienna, Austria Tel. 26310
Tx. 135612
Cab. UNIDO VIENNA

UNU United Nations University
Toho Seimei Building (29th floor)
15-1 Shibuya 2-chome
Shibuyaku
Tokyo, Japan
Tel. 499 2811
Tx. 125442
Cab. UNATUNIV TOKYO

UP University of Peradeniya
Old Galaha Road
Peradeniya, Sri Lanka
Tel. 08-88203

UPLB University of the Philippines at Los Banos
College
Los Banos, Laguna 3720
Philippines
Tel. 63-833-2326
Tx. 40904 SEARCA PM

SAID see: AID

USDA United States Department of Agriculture
1301 New York Ave., N.W.
Washington, D.C. 20005-4788
USA

USP University of the South Pacific
P.O. Box. 1168
Suva, Fiji
Tel. 313900
Tx. FJ2276
Cab. University Suva

VIC Vienna International Centre
(Joint project of IAEA and UNIDO)
P.O. Box. 100
A-1400
Vienna, Austria

ViSCA Visayas State College of Agriculture
Baybay, Leyte 6521-A
The Philippines

WB World Bank (UN)
Main office:
1818 H Street NW
Washington, D.C. 20433, USA
Tel. 477 7000
Tx. RCA 248423
Cab. INTBARFRAD
WASHINGTON
National and International Organizations and Research Institutes

Indonesian office:
LIPPO Bldg
Jl. Rasuna Said Kav. B 10
Kuningan
(P.O. Box. 324 / JKT)
Jakarta 12940, Indonesia
Tel. 5207316
Tx. 62141 IBRD IA
Cab. INTBAFRAD JAKARTA

WFC  World Food Council (UN)  Via delle Terme di Caracalla
                  00100 Rome, Italy
                  Tel. 5797
                  Tx. 61181 FOODAGRI Cab. FOODAGRI
                  ROME

WFP  World Food Programme (UN and FAO)  Via delle Terme di Caracalla
                  00100 Rome, Italy
                  Tel. 5797
                  Tx. 610481 WORLDFOOD
                  Cab. WORLDFOOD ROME

WHO  World Health Organization (UN)  20 Avenue Appia
                  CH-1211
                  Geneva 27, Switzerland
                  Tel. 912111
                  Tx. 27821
                  Cab. UNISANTE GENEVA

WINROCK  WINROCK International Institute for Agricultural Development
                  Headquarters:
                  Petit Jean Mountain, Route 3
                  Morrilton, Arkansas 72110, USA
                  Tel. (501)727 5435
                  Tx. 910 720 6616 WI HQ UD
                  Dialcom 41 TCN400

                  Bangladesh location:
                  BARC Complex, Farm Gate, Dhaka.
                  Bangladesh
                  Tel. 314361, 325061-5 (Ext. 13)
                  Tx. 642401 SHER BJ WINROCK

                  Mail:
                  P.O. Box. 6083 Gulshan
                  Dhaka 12, Bangladesh

WMO  World Meteorological Organization (UN)  41, Avenue Giuseppe-Motta
                  P.O. Box. 5
                  CH-1211
                  Geneva 20, Switzerland
                  Tel. 346400
                  Tx. 23260
                  Cab. METEOMOND GENEVA
Country Index

**AUSTRALIA**
- ABARE  Australian Bureau of Agricultural and Resource Economics (Formerly BAE)
- ACIAR  Australian Centre for International Agricultural Research
- ACIAR  Food Legume Research Programme Co-ordinator
- ADAB  Australian Development Assistance Bureau
- ANU  Australian National University. Research School of Pacific Studies
- CIRC  CSIRO International Research Co-operation
- CSIRO  Commonwealth Scientific and Industrial Research Organization
- CSIRO  Bureau of Scientific Services
- CSIRO  Centre for Irrigation Research - Institute of Biological Resources
- CSIRO  Division of Entomology - Institute of Biological Resources
- CSIRO  Division of Food Processing - Institute of Animal and Food Sciences
- CSIRO  Division of Tropical Crops - Institute of Biological Resources
- INFIC  International Network of Feed Information Centres

**AUSTRIA**
- IAEA  International Atomic Energy Agency (UN)
- UNIDO  United Nations Industrial Development Organization
- VIC  Vienna International Centre

**BANGLADESH**
- AIC  Agricultural Information Centre
- BARC  Bangladesh Agricultural Research Council
- BARI  Bangladesh Agricultural Research Institute
- BBS  Bangladesh Bureau of Statistics
- BIDS  Bangladesh Institute of Development Studies
- CIRDAP  Centre for Integrated Rural Development for Asia and The Pacific
- FAO  Food and Agriculture Organization (UN) (Representative)
- UNDP  United Nations Development Program (Field office)
- WINROCK  Winrock International Institute for Agricultural Development

**BELGIUM**
- EC  European Communities. Directorate General for Development

**BRAZIL**
- EMBRAPA  Empresa Brasileira de Pesquisa Agropecuaria

**CANADA**
- CIDA  Canadian International Development Agency
- IDRC  International Development Research Centre
- SRES  School for Resource and Environmental Studies - Dalhousie University

**CHINA**
- CAAS  Chinese Academy of Agricultural Sciences
- FAO  Food and Agriculture Organization (UN) (Representative)
- ISTIC  Institute Scientific and Technical Information of China
- UNDP  United Nations Development Program (Field office)
### National and International Organizations and Research Institutes

#### COLUMBIA
- **CIAT**: Centro Internacional de Agricultura Tropical

#### COSTA RICA
- **IICA**: Inter-American Institute for Co-operation in Agriculture

#### ETHIOPIA
- **ILCA**: International Livestock Centre for Africa

#### FIJI
- **FAO**: Food and Agriculture Organization (UN) (Representative)
- **MOAF**: Ministry of Agriculture and Fisheries
- **MPI**: Ministry of Primary Industries
- **UNDP**: United Nations Development Program (Field office)
- **USP**: University of the South Pacific

#### FINLAND
- **FINNIDA**: Finnish International Development Agency

#### FRANCE
- **CIDARC**: Centre d'Information et de Documentation en Agronomie des Regions Chaudes
- **CIRAD**: Centre de Co-operation Internationale en Recherche Agronomique pour le Developpement
- **DSA**: Department Systemes Agraires (CIRAD)
- **GERDAT**: Groupement d'Etudes et de Recherches pour le Developpement de l'Agronomique Tropicale
- **IRAT**: Institut de Recherches Agronomiques Tropicales (CIRAD)
- **IRFA**: Institut de Recherches sur les Fruits et Agrumes (CIRAD)
- **OECD**: Organization for Economic Co-operation and Development
- **ORSTOM**: Institut Francais de Recherche Scientifique pour le developpement en Co-operation
- **UNESCO**: United Nations Educational, Scientific and Cultural Organization

#### GERMANY
- **DSE**: German Foundation for International Development
- **GTZ**: German Agency for Technical Co-operation

#### HONGKONG
- **FETP**: Far East Trade Press Limited

#### INDIA
- **AGLN**: Asian Grain Legumes Network (under ICRISAT)
- **AIRD**: Asian Institute for Rural Development
- **APCTT**: Asian and Pacific Centre for Transfer of Technology
- **CPRI**: Central Potato Research Institute (ICAR)
- **CSWCRTI**: Central Soil and Water Conservation Research and Training Institute (ICAR)
- **CTCRI**: Central Tuber Crops Research Institute (ICAR)
- **FAO**: Food and Agriculture Organization' (UN) (Representative)
- **IARI**: Indian Agricultural Research Institute (ICAR)
- **IASRI**: Indian Agricultural Statistics Research Institute (ICAR)
- **ICAR**: Indian Council for Agricultural Research
- **ICAR**: All India Co-ordination Research Project: Soybean
- **ICAR**: Directorate of Pulse Research
- **ICAR**: Directorate of Oil Seeds Research
- **ICDM**: Information Centre for Development Policy Modelling
- **ICRISAT**: International Crops Research Institute for the Semi-arid Tropics
National and International Organizations and Research Institutes

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Full Name</th>
</tr>
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<tbody>
<tr>
<td>NBPGN</td>
<td>National Bureau of Plant Genetic Resources (ICAR)</td>
</tr>
<tr>
<td>NRCG</td>
<td>National Research Centre for Groundnut</td>
</tr>
<tr>
<td>SMIC</td>
<td>Sorghum and Millets Information Center</td>
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<tr>
<td>UNDP</td>
<td>United Nations Development Program (Field office)</td>
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**INDONESIA**

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<tr>
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<tr>
<td>AARD</td>
<td>Agency for Agricultural Research and Development</td>
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<tr>
<td>ADB</td>
<td>Asian Development Bank (Local Office)</td>
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<tr>
<td>AID</td>
<td>Agency for International Development</td>
</tr>
<tr>
<td>ASEAN</td>
<td>Association for Southeast Asian Nations</td>
</tr>
<tr>
<td>ASOCON</td>
<td>Asia Soil Conservation Network for the Humid Tropics</td>
</tr>
<tr>
<td>BARIF</td>
<td>Banjarmasin Research Institute for Food Crops</td>
</tr>
<tr>
<td>BORIF</td>
<td>Bogor Research Institute for Food Crops</td>
</tr>
<tr>
<td>BULOG</td>
<td>National Logistic Agency</td>
</tr>
<tr>
<td>CASER</td>
<td>Centre for Agro Socio-Economic Research</td>
</tr>
<tr>
<td>CBS</td>
<td>Central Bureau of Statistics</td>
</tr>
<tr>
<td>CGPRT</td>
<td>CGPR T Centre</td>
</tr>
<tr>
<td>CIP</td>
<td>International Potato Center-Region VII</td>
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<tr>
<td>CPS</td>
<td>Centre for Policy Studies</td>
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<tr>
<td>CRRC</td>
<td>Centre for Root Crops Research</td>
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<td>CRIFC</td>
<td>Central Research Institute for Food Crops</td>
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<tr>
<td>CRIC</td>
<td>Central Research Institute for Industrial Crops</td>
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<tr>
<td>CUSO</td>
<td>Canadian University Services Overseas</td>
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<tr>
<td>DGFC</td>
<td>Directorate General for Food Crops</td>
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<td>EMDI</td>
<td>Environmental Management Organization (UN) (Local contact)</td>
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<td>FAO</td>
<td>Food and Agricultural Organization (UN) (Representative)</td>
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<td>FOR</td>
<td>Ford Foundation</td>
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<tr>
<td>IPB</td>
<td>Bogor Agricultural University</td>
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<td>IIMI</td>
<td>International Irrigation Management Institute</td>
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<tr>
<td>ILO</td>
<td>International Labour Organization</td>
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<tr>
<td>JICA</td>
<td>Japan International Co-operation Agency</td>
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<td>LC</td>
<td>Library of Congress</td>
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<td>MARIF</td>
<td>Malang Research Institute for Food Crops</td>
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<tr>
<td>MOA</td>
<td>Ministry of Agriculture</td>
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<td>MORIF</td>
<td>Maros Research Institute for Food Crops</td>
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<td>NLI</td>
<td>National Library of Indonesia</td>
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<td>PDI-LIPI</td>
<td>Centre for Scientific Documentation and Information</td>
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<td>PUSTAKA</td>
<td>National Agriculture Library</td>
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<td>ROC</td>
<td>Republic of China Technical Mission to Indonesia</td>
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<td>SARIF</td>
<td>Sukarami Research Institute for Food Crops</td>
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<tr>
<td>SEAMEO</td>
<td>South-East Asian Regional Center for Tropical Biology</td>
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<td>SURIF</td>
<td>Sukamandi Research Institute for Food Crops</td>
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<tr>
<td>UGM</td>
<td>Gadjah Mada University. Faculty of Agriculture</td>
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<td>UGM</td>
<td>Gadjah Mada University, Population Institute</td>
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<td>UNDP</td>
<td>United Nations Development Programme (Field office)</td>
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<td>UNIC</td>
<td>United Nations Information Centre (Local office)</td>
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<td>WB</td>
<td>World Bank (UN) (Local office)</td>
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**ITALY**

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<tr>
<td>AGRIS</td>
<td>International Information System for Agricultural Sciences and Technology (FAO)</td>
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<td>FAO</td>
<td>Food and Agriculture Organization (UN)</td>
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<tr>
<td>IBPGR</td>
<td>International Board for Plant Genetic Resources</td>
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<td>IFAD</td>
<td>International Fund for Agricultural Development (UN)</td>
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</table>

88
<table>
<thead>
<tr>
<th>Organization</th>
<th>Description</th>
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<tbody>
<tr>
<td>WFC</td>
<td>World Food Council (UN)</td>
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<tr>
<td>WFP</td>
<td>World Food Programme (UN and FAO)</td>
</tr>
<tr>
<td>AICAF</td>
<td>Association for International Co-operation of Agriculture and Forestry</td>
</tr>
<tr>
<td>AIPO</td>
<td>Asian Productivity Organization</td>
</tr>
<tr>
<td>CSEAS</td>
<td>Centre for South East Asian Studies</td>
</tr>
<tr>
<td>FJ</td>
<td>Farming Japan Co. Ltd.</td>
</tr>
<tr>
<td>IDCJ</td>
<td>International Development Centre of Japan</td>
</tr>
<tr>
<td>IDE</td>
<td>Institute of Developing Economics</td>
</tr>
<tr>
<td>IDJC</td>
<td>International Development Journal Co. Ltd.</td>
</tr>
<tr>
<td>IEE</td>
<td>Institute of Energy Economics</td>
</tr>
<tr>
<td>JICA</td>
<td>Japan International Co-operation Agency</td>
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<tr>
<td>JSPS</td>
<td>Japan Society for the Promotion of Science</td>
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<tr>
<td>JSSPN</td>
<td>Japanese Society of Soil Sciences and Plant Nutrition</td>
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<tr>
<td>NRIAE</td>
<td>National Research Institute of Agricultural Economics</td>
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<tr>
<td>OECD</td>
<td>OECD Publications and Information Center</td>
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<tr>
<td>TARC</td>
<td>Tropical Agriculture Research Centre</td>
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<tr>
<td>UNU</td>
<td>United Nations University</td>
</tr>
<tr>
<td>FAO</td>
<td>Food and Agriculture Organization (UN) (Representative)</td>
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<tr>
<td>ICIPE</td>
<td>International Centre for Insect Physiology and Ecology</td>
</tr>
<tr>
<td>ICRAD</td>
<td>International Council for Research in Agroforestry</td>
</tr>
<tr>
<td>ILRAD</td>
<td>International Laboratory for Research on Animal Diseases</td>
</tr>
<tr>
<td>UNEP</td>
<td>United Nations Environment Programme</td>
</tr>
<tr>
<td>RDA</td>
<td>Rural Development Administration</td>
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<tr>
<td>UNDP</td>
<td>United Nations Development Program (Field office)</td>
</tr>
<tr>
<td>DOA</td>
<td>Department of Agriculture</td>
</tr>
<tr>
<td>FAO</td>
<td>Food and Agriculture Organization (UN) (Representative)</td>
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<tr>
<td>NARC</td>
<td>National Agricultural Research Centre</td>
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<tr>
<td>UNDP</td>
<td>United Nations Development Program (Field office)</td>
</tr>
<tr>
<td>AFHB</td>
<td>Asean Food Handling Bureau</td>
</tr>
<tr>
<td>ISIS</td>
<td>Institute of Strategic and International Studies</td>
</tr>
<tr>
<td>MARDI</td>
<td>Malaysian Agricultural Research Development Institute</td>
</tr>
<tr>
<td>SABRAO</td>
<td>Society for the Advancement of Breeding Researchers in Asia and Oceania</td>
</tr>
<tr>
<td>TARC</td>
<td>Tropical Agricultural Research Centre</td>
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<tr>
<td>UNDP</td>
<td>United Nations Development Program (Field office)</td>
</tr>
<tr>
<td>CIMMYT</td>
<td>International Centre for Maize and Wheat Improvement</td>
</tr>
<tr>
<td>FAO</td>
<td>Food and Agriculture Organization (UN) (Representative)</td>
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<tr>
<td>FAO</td>
<td>Food and Agriculture Organization (UN) (Representative)</td>
</tr>
<tr>
<td>MAS</td>
<td>Myanmar Agriculture Service</td>
</tr>
<tr>
<td>MOAF</td>
<td>Ministry of Agriculture and Forests. Planning and Statistic Division</td>
</tr>
<tr>
<td>UNDP</td>
<td>United Nations Development Program (Field office)</td>
</tr>
</tbody>
</table>
National and International Organizations and Research Institutes

NEPAL
APROSC  Agricultural Projects Service Centre
CBS  Central Bureau of Statistics
CEDA  Centre for Economic Development and Administration
FAO  Food and Agriculture Organization (UN) (Representative)
ICIMOD  International Centre for Integrated Mountain Development
MOA  Ministry of Agriculture. Dept. of Food and Agricultural Marketing Services
NARSC  National Agricultural Research and Service Centre
NMNP  National Maize Development Programme
SERED  Socio-Economic Research Division (NARSC)
UNDP  United Nations Development Program (Field office)

NETHERLANDS
CASA  Centre for Asian Studies Amsterdam
CBI  Centre for the Promotion of Imports from Developing Countries
CTA  Technical Centre for Agricultural and Rural Co-operation
IAC  International Agricultural Centre
IICA  Information Centre for Low External Input Agriculture
ILRI  International Institute for Land Reclamation and Improvement
ISNAR  International Service for National Agricultural Research
KIT  Royal Tropical Institute
NUFIC  Netherlands Universities Foundation for International Co-operation
SOW VU  Centre for World Food Studies

NIGERIA
FAO  Food and Agriculture Organization (UN) (Representative)
IITA  International Institute for Tropical Agriculture International
IGLIC  Grain Legume Information Centre

PAKISTAN
FAO  Food and Agriculture Organization (UN) (Representative)
MOFAC  Ministry of Food, Agriculture and Cooperatives
PARC  Pakistan Agricultural Research Council
UNDP  United Nations Development Program (Field office)

PAPUA NEW GUINEA
BARC  Bubia Agricultural Research Centre (Under Department of Agriculture and Livestock)
DAL  Department of Agriculture and Livestock
DPI  Department of Primary Industries
UNDP  United Nations Development Program (Field office)

PERU
CIP  International Potato Center
FAO  Food and Agriculture Organization (UN) (Representative)

PHILIPPINES
ADB  Asian Development Bank
AIBA  Agricultural Information Bank for Asia (SEARCA)
APA  Asian Potato Association
ARFSN  Asian Rice Farming Systems Network
BAR  Bureau of Agricultural Research, Department of Agriculture
BAS  Bureau of Agricultural Statistics, Department of Agriculture
CDEM  College of Development Economics and Management
CIP  International Potato Center (Southeast Asia and Pacific office)
FAO  Food and Agriculture Organization (UN) (Representative)
### National and International Organizations and Research Institutes

<table>
<thead>
<tr>
<th>FORI</th>
<th>Forest Research Institute</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSSRI</td>
<td>Farming Systems and Soil Resources Institute</td>
</tr>
<tr>
<td>ICLARM</td>
<td>International Centre for Living Aquatic Resources Management</td>
</tr>
<tr>
<td>IRRI</td>
<td>International Rice Research Institute</td>
</tr>
<tr>
<td>PCARRD</td>
<td>Philippines Council for Agricultural Resources Research and Development</td>
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<tr>
<td>PRCRRC</td>
<td>Philippine Root Crops Research and Training Center</td>
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<tr>
<td>RNAM</td>
<td>Regional Network for Agricultural Machinery (ESCAP)</td>
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<tr>
<td>SEARCA</td>
<td>South East Asian Regional Centre for Graduate Study and Research in Agriculture</td>
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<tr>
<td>UNDP</td>
<td>United Nations Development Program (Field office)</td>
</tr>
<tr>
<td>VISCA</td>
<td>Visayas State College of Agriculture</td>
</tr>
</tbody>
</table>

#### SINGAPORE

| IDRC | International Development Research Centre (Area office) |
| IPI | International Potash Institute (East/Southeast Asia office) |
| ISEAS | Institute of Southeast Asian Studies. Asean Economic Research Unit |
| UNDP | United Nations Development Program (Field office see Malaysia) |

#### SRI LANKA

| FAO | Food and Agriculture Organization (UN) (Representative) |
| IMI | International Irrigation Management Institute |
| MOADR | Ministry of Agricultural Development Research. Department of Agriculture |
| MOADR | Department of Agriculture. Division of Agricultural Economics and Planning |
| MOPI | Ministry of Plan Implementation |
| UNDP | United Nations Development Program (Field office) |
| UP | University of Peradeniya |

#### SWITZERLAND

| GATT | General Agreement on Tariffs and Trade (UN) |
| ILO | International Labour Organization (UN) |
| IPI | International Potash Institute |
| ITC | International Trade Centre (GATT and UNCTAD) |
| UNCTAD | United Nations Conference on Trade and Development |
| UNDRO | Office of the United Nations Disaster Relief Co-ordinator |
| WHO | World Health Organization |
| WMO | World Meteorological Organization (UN) |

#### SYRIA

| ICARDA | International Centre for Agricultural Research in the Dry Areas |

#### TAIWAN

| AVRDRC | Asian Vegetable Research and Development Centre |
| FIRD | Food Industry Research and Development Institute |
| FFTC | Food and Fertilizer Technology Centre for the Asian and Pacific Region |
| TVIS | Tropical Vegetable Information Services (AVRDC) |

#### THAILAND

<p>| ADPC | Agricultural Development Planning Centre (ASEAN) |
| AFSRB | ASEAN Food Security Reserve Board |
| AID | Agency for International Development |
| BT | Bank of Thailand |
| CARE | Cooperative for American Relief Everywhere |</p>
<table>
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<tr>
<th>National and International Organizations and Research Institutes</th>
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<tbody>
<tr>
<td>CIAT              Centro Internacional de Agricultura Tropical (Regional office)</td>
</tr>
<tr>
<td>CIMMYT            International Centre for Maize and Wheat Improvement (Regional office)</td>
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<tr>
<td>CMU               Chiang Mai University. Multiple Cropping Centre</td>
</tr>
<tr>
<td>CUSO              Canadian University Services Overseas</td>
</tr>
<tr>
<td>DOA               Department of Agriculture</td>
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<td>EC                European Communities (Regional office)</td>
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<td>ESCAP             Economic and Social Commission for Asia and the Pacific (UN)</td>
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<td>ESCAP             Agriculture and Rural Development Division</td>
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<td>ESCAP             Development Planning Division</td>
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<tr>
<td>ESCAP             Division of Industry, Human Settlements and Environment</td>
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<tr>
<td>ESCAP             International Trade and Tourism Division</td>
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<tr>
<td>ESCAP             Social Development Division</td>
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<tr>
<td>ESCAP             Statistics Division</td>
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<tr>
<td>FADINAP           Fertilizer Advisory Development and Information Network for Asia and the Pacific (ESCAP)</td>
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<tr>
<td>FAO               Food and Agriculture Organization (UN) (Representative)</td>
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<td>IBPGR             International Board for Plant Genetics Resources (Regional Office)</td>
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<tr>
<td>IBSRAM            International Board for Soil Research and Management</td>
</tr>
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<td>KU                Kasetsart University</td>
</tr>
<tr>
<td>MOAC              Ministry of Agriculture and Co-operatives. Centre for Agricultural Economics</td>
</tr>
<tr>
<td>OCPD              Oilseed Crops Development Project see TISTR</td>
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<tr>
<td>ODA               Overseas Development Administration (Southeast Asia Development Division)</td>
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<td>TISTR             Thailand Institute of Scientific and Technological Research</td>
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<td>TTTA              Thai Tapioca Trade Association</td>
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<tr>
<td>UNESCO            United Nations, Educational Scientific and Cultural Organization</td>
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<td>UNDP              United Nations Development Program (Field office)</td>
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| BSC                British Sulphur Corporation Limited |
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| IIED              International Institute for Environment and Development |
| ODA               Overseas Development Administration |
| NRI               Natural Resources Institute |
| RWAL              RWAL Publication |
| SMC               South Media & Communication Ltd. |

**U.S.A.**

<p>| AAAS              American Association for the Advancement of Science |
| AAEA              American Agricultural Economics Association |
| AAS               Association for Asian Studies. |
| ADC               Agricultural Development Council |
| AEA               American, Economic Association |
| AID               Agency for International Development |
| ATI               Appropriate Technology International |
| BEAN              Bean/Cowpea CRSP |
| BOSTID            Board on Science and Technology for International Development |
| CARD              Center for Agricultural and Rural Development |
| CARE              Cooperative for American Relief Everywhere |
| CGIAR             Consultative Group on International Agricultural Research |
| CNFP              Center. for National Food and Agricultural Policy |
| EDC               Economics Development Center - University of Minnesota |
| FAPRI             Food and Agricultural Policy Research Institute - Iowa State University |
| FORD              Ford Foundation |
| FRI               Food Research Institute - Stanford University |
| FSSP              Farming System Support Project |
| GRCS              Genetic Resources Communication System, Inc. |</p>
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<td>IADS</td>
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<td>IBSNAT</td>
<td>International Benchmark Sites Network for Agrotechnology Transfer</td>
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<td>ICDUP</td>
<td>International Council for Development of Underutilized Plants</td>
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<td>IFAS</td>
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<td>IFDC</td>
<td>International Fertilizer Development Center</td>
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<td>IFPRI</td>
<td>International Food Policy Research Institute</td>
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<tr>
<td>IMF</td>
<td>International Monetary Fund</td>
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<tr>
<td>INTERPAKS</td>
<td>International Program for Agricultural Knowledge Systems</td>
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<td>INTSOY</td>
<td>International Soybean Program - University of Illinois</td>
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<td>Nitrogen Fixation by Tropical Agricultural Legumes Project</td>
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<td>Rockefeller Foundation</td>
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<td>RI</td>
<td>Rodale Institute</td>
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<td>UIUC</td>
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**VIET NAM**

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<td>FAO</td>
<td>Food and Agriculture Organization (UN) (Representative)</td>
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<tr>
<td>IRMP</td>
<td>Institute for Research on Market and Prices</td>
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<tr>
<td>MOAIFI</td>
<td>Ministry of Agriculture and Food Industry</td>
<td></td>
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<tr>
<td>UAF</td>
<td>University of Agriculture and Forestry</td>
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<tr>
<td>UNDP</td>
<td>United Nations Development Program (Field office)</td>
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Appendix
Some Technology In Asian Agriculture

Introduction
In agricultural literature, scientific terms are often employed in order to make writing precise and concise. However, they sometimes create a problem for the readers who may not be acquainted with the terms. There are also terms from local languages which are coined for local use. Such terms are sometimes used even in international meetings and publications. Thus, this column has been included to broaden the readers' vocabulary of terms used in agricultural literature, particularly those related to Food Legumes and Coarse Grains in Asia. Assistance from the UNDP/FAO, RAS/82/002 project, presently (RAS/89/040) and its regional co-ordinator Dr Made Tantre and the national co-ordinators is gratefully acknowledged.

The listings are by no means complete and will suggestions from readers for further completion.

Bangladesh

Season:
- Kharif = rainy season (summer)
- Rabi = post-rainy season (winter)

Food Product:
- Dhal (Dal) = mature dried seeds of legumes cooked whole, split, broken or ground in water with some spices and other additions to form a sort of thick soup or sauce; dehusked split pulse; soup made of dehusked pulses
- Beasan = Lathyrus flour

Disease:
- Tikka = Cercospora leaf spot

Appliance:
- Jata = local appliance for dehusking pulses
Appendix

Indonesia

Season:
- Labuhan = beginning of the wet season = beginning of the dry season
- Marengan = beginning of the dry season
- Ketigo = latter part of the dry season
- Rendeng = wet season
- Paceklik = period prior rice planting, a period of hardship for rural poor

Crops:
- Palawija = non-rice food crops; secondary food crops
- Kacang = food legumes

Systems:
- Tumpangsari = intercropping system
- Kedokan = system of contracting labour, renumerated after harvest with share of harvest
- Tebasan = system whereby the standing crop is sold in the field before harvest

Food Product:
- Tempe = fermented soybean
- Oncom = fermented soybean/grondnut cake
- Tahu, Tofu = soybean (protein) curd
- Tauco = salted fermented soybean
- Kecap = soy sauce
- Krupuk = Cracker made from rice flour tapioca shrimps.

Korea

Crops:
- Kong = soybean; a collective noun meaning food legumes, e.g. Than Kong = .groundnut, Gangnam Kong = common bean

Food Products:
- Koji = soy sauce
- Kochujang = a native food prepared by mixing koji with rice, wheat flour and chili

Lao PDR

Crops:
- Thua = a collective noun, meaning food legumes

Food Products:
- Thua Nao = fermented soybean
Appendix

Nepal

Season:
- Kharif = rainy season (summer)
- Rabi = post-rainy season (winter)

Region:
- Tarai (Terai) = low-lying narrow strip of deep, fertile alluvial flatland south of the foothills with tropical to subtropical climate
- Inner tarai = tropical to subtropical areas more or less enclosed by lower hills (Siwalik) in the south and higher hills (part of Siwalik, and Mahabharat range) in the north

Food Product:
- Dhal *

Pakistan

Season:
- Kharif = rainy season (summer)
- Rabi = post-rainy season (winter)

Food Product:
- Dhal *

Region:
- Barani = rainfed upland areas

Philippines

Season:
- Tag Init = dry season
- Tag Ulan = wet season

Food Products:
- Taho = soybean (protein) curd
- Polboron = soybean candy
- Tokwa = soybean cheese
- Sotanghon = mungbean noodle

* Same meaning as shown in Bangladesh
Appendix

Sri Lanka

Season:

Maha = major rainy season (Oct.-Mar.; NE Monsoon)
Yala = minor rainy season (Apr.-Aug.; SW Monsoon)

Region:

Chena = highland, rainfed deforested area cleared by slash and burn operation; shifting agriculture

Reservoir:

Tank = large body of water, natural or man-made

Food Products:

Dhal *

Thailand

Crops:

Thua = a collective noun meaning food legumes
Khao = rice; a collective noun meaning cereals

Food Products:

Tao Hu = soybean (protein) curd
Tao Chieo = fermented whole soybean
Tao Huai = a dessert made from soybean curd
Wun Sen = mungbean noodle

Viet Nam

Crops:

Dau = a collective noun meaning food legumes

Units of Measurements in RAS/82/002 Member Countries (to be converted to metric units)

Bangladesh

Weight:

1 tola = 11.66 g
1 `chatak = 58.3 g
1 `seer = 933.5 g
1 maund (md) = 37.327 kg
1 quintal (q) = 100 kg

Volume:

1 seer = 0.9335 l

* Same meaning as shown in Bangladesh
Appendix

Indonesia

Area:

1 bata = 14 m² (3.65 x 3.75 m) or 0.0014 ha

Korea

Lao PDR

Nepal

Pakistan

Philippines

Weight:

1 balde = 12.5 kg
1 cawan = 50 kg ( = 4 baldes)

Volume:

1 kutsarita = 5 ml
1 kutsara = 10 ml ( = 2 kutsaritas)
1 litro = 1000 ml ( = 100 kutsara)

Area:

1 ektarya = 10,000 m² ( = 1 hectare)

Sri Lanka

Thailand

Weight:

1 Pical (Hap) = 60 kg
1 Chang = 600 g

Volume:

1 Thang = 20 l
1 Kwian = 100 Thang = 2,000 l

Area:

1 Rai = 1,600 m² (6.25 rais = 1 ha)

Viet Nam
Appendix

Definition of Different Cropping Systems

Monocropping: Growing *one crop* on the same piece of land during one calendar year or one cropping season.

Multiple Cropping: Growing *more than one crop* on the same piece of land during one calendar year.

Intercropping: Growing more than one crop on the same piece of land *at the same time.*

Mixed Cropping: Intercrops are interspersed.

- Fixed pattern: fixed or organized spacings and plant populations.
- Random pattern: spacings and plant populations are random, or unevenly distributed.

Multi-storey Cropping: More than one canopy of crops are planted together. (e.g. coconut, black pepper, groundnut).

Row Intercropping: Intercrops are planted in alternate rows.

Strip (Lane) Cropping: Intercrops are planted in strip (of many rows), mainly to minimize erosion on slopes.

Relay Cropping: Growing more than one crop on the same piece of land, *with the second crop planted between plants or rows of an already established crop during the growing period of the first planted crop* (with at least one-third of the period overlapped).

Mixed Cropping: Second crop is planted in mixed pattern between the first crop.

Row-Relay Cropping: Second crop is planted between rows of the first crop.

Sequential Cropping: Growing more than one crop on the same piece of land *with one crop following the other.*

Double Cropping: *Two* crops are grown per year.

Triple Cropping: *Three* crops are grown per year.

Quadruple Cropping *Four* crops are grown per year.

Ratoon Cropping: Second crop sprouts from the stump of the first crop after harvest.
<table>
<thead>
<tr>
<th>English, Scientific and Local Names for Selected CGPRT Crops</th>
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</thead>
<tbody>
<tr>
<td><strong>English</strong></td>
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<tr>
<td>Bambara groundnut</td>
</tr>
<tr>
<td>Cassava</td>
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<tr>
<td>Chickpea</td>
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<tr>
<td>Cowpeas, Yardlong beans</td>
</tr>
<tr>
<td>Groundnuts</td>
</tr>
<tr>
<td>Lima beans, butter beans</td>
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<tr>
<td>Maize</td>
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<tr>
<td>Mungbeans, green gram</td>
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<td>Pigeon peas</td>
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<td>Podded p{}as, garden peas</td>
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<tr>
<td>Potato</td>
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<tr>
<td>Red kidney beans</td>
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<tr>
<td>Rice beans</td>
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<td>Sorghum</td>
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<td>Soybean</td>
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<td>Taro</td>
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<td>Velvet beans</td>
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## English, Scientific and Local Names for Selected CGPRT Crops (Continued)

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<thead>
<tr>
<th>English</th>
<th>Scientific</th>
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<th>Nepal</th>
<th>Philippines</th>
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<td>Bambara groundnut</td>
<td>Voandzea subterranea</td>
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