

Training

Courses Given in 2001

Title and dates	Location	Language	Participants		
			Male	Female	Total
<i>Formation des paysans innovateurs et des formateurs</i> 27–31 March	Bouaké, Côte d'Ivoire (ANADER)	French	35	7	42
<i>Initiation à la biométrie pour les chercheurs d'Afrique francophone</i> 17–21 April	M'bé, Bouaké, Côte d'Ivoire (WARDA)	French	16	1	17
<i>Les techniques améliorées de culture de riz de bas-fond et de riz pluvial</i> 7–8 June	M'bé, Bouaké, Côte d'Ivoire (WARDA)	French	16	4	20
<i>Les techniques de production, de commercialisation et de contrôle de qualité des semences en Côte d'Ivoire</i> 11–22 June	M'bé, Bouaké, Côte d'Ivoire (WARDA)	French, English	35	6	41
Integrated Crop Management for Irrigated Rice [for farmers] July–October (4 training course days per site)	Boundoum and Podor, Senegal	Wolof	80	0	80
Participatory Learning and Action Research for Integrated Rice Management [for farmers] July 2001 to January 2002 (weekly)	Bamoro, Côte d'Ivoire	French	30	0	30
Participatory Learning and Action Research for Integrated Rice Management [for farmers] July 2001 to January 2002 (weekly)	Lokakpli, Côte d'Ivoire	French	25	5	30

WARDA Annual Report 2001–02 Annexes

Participatory Technology Development 26 August to 14 September	Abeokuta, Nigeria	English	23	9	32
Construction of the Thresher–Cleaner 1–26 October	Accra, Ghana	English	10	0	10
Training on Rice Participatory Research 15–20 October	M'bé, Bouaké, Côte d'Ivoire (WARDA)	English, French	5	2	7
Training on Rice Yellow Mottle Virus 29 October to 9 November	M'bé, Bouaké, Côte d'Ivoire (WARDA)	French, English	17	0	17
Sustainable Crop–Livestock Production for Improved Livelihoods and Natural Resources Management in West Africa 19–22 November	Ibadan, Nigeria	English	70	20	90
Participatory Rice Research and Seed Production [for national partners] 27–30 November	Kigali, Rwanda	French, English	29	2	31
Participatory Varietal Selection–Extension 19–21 December	M'bé, Bouaké, Côte d'Ivoire (WARDA)	French	20	1	21
<i>Atelier de formation des facilitateurs du CBSS [MINAGRA/WARDA/UNDP/WFP]</i> 19–22 December	Bouaké, Côte d'Ivoire (ANADER)	French	42	8	50
Total			453	65	518

Postgraduate Trainees in 2001

Name and thesis topic/subject	Institution	Sponsor	Degree
<i>Abi, Monnet Innocent**</i> <i>Impact des innovations variétales sur la gestion de la biodiversité : exemple des variétés améliorées de riz en Côte d'Ivoire</i>	Institut national polytechnique Houphouet-Boigny (INP-HB) Ecole supérieure d'agronomie (ESA)	WARDA/DFID	DAA
<i>Adesanwo, O.O.</i> Legume/phosphate rock combination for sustainable rice production in southwestern Nigeria	University of Agriculture, Abeokuta, Nigeria	WARDA	PhD
<i>Afolabi, Aboladi</i> Development of 'clean gene' technology for rice transformation	University of East Anglia/ John Innes Centre, UK	DFID/ Rockefeller Foundation	PhD
<i>Akanvou, René**</i> Quantitative understanding of the performance of upland rice–cover legume cropping systems in West Africa	Wageningen Agricultural University	Netherlands/ WARDA	PhD
<i>Aluko, Kiodé Gabriel</i> Genetic studies of soil acidity tolerance in rice	Louisiana State University	Rockefeller Foundation	PhD
<i>Amoussou, Pierre-Louis*</i> Genomics of rice yellow mottle virus	University of East Anglia, UK	Rockefeller Foundation/ John Innes Centre	PhD
<i>Assingbé, Paulin</i> <i>Intégration des légumineuses dans la rotation des cultures du riz pluvial au Bénin</i>	University of Cocody-Abidjan	BMZ/GTZ	PhD
<i>Bissouma, Laurence*</i> <i>Criblage de variétés locales de riz pour la résistance à la pyriculariose</i>	INP-HB/ESA	MESRS/ WARDA	DAA/ MSc
<i>Bognonkpe, Jean Pierre Irénée</i> The influence of land use on the dynamics of native soil nitrogen at watershed scale in West Africa	University of Bonn	DAAD/ Volkswagen Foundation	PhD

<i>Cairns, Jill**</i> Root penetration and QTL mapping in upland rice	University of Aberdeen	DFID	PhD
<i>Chérif, Mamadou</i> <i>Effet de la toxicité ferreuse sur l'activité photosynthétique du riz : étude de la variabilité génétique</i>	Université d'Abidjan	AfDB	PhD
<i>Chowwen, Anthony</i> Evaluation of participatory research approaches in Nigeria	University of Agriculture Abeokuta, Nigeria	BMZ/GTZ	PhD
<i>Clark, Cary</i> Rural finance systems and related constraints for lowland rice intensification	University of Reading	Private/ WARDA	PhD
<i>Djadjaglo, David</i> <i>Détermination des facteurs influençant la productivité des systèmes de production à base de riz au sud du Bénin</i>	Hohenheim University	BMZ/GTZ	PhD
<i>Dudnik, Nina*</i> Molecular biology	—	Fulbright	—
<i>Guèye, Talla</i> Nitrogen use efficiency in irrigated rice	University of Göttingen	DAAD	PhD
<i>Häfele, Stephan**</i> Soil fertility management in irrigated rice	University of Hamburg	BMZ/GTZ	PhD
<i>Horna, Daniela*</i> Brokering of knowledge and information in the rice production system in Southern Nigeria and Benin Republic	Hohenheim University	BMZ/GTZ	PhD
<i>Keijzer, Pieter</i> Plant science	Wageningen University	Wageningen University/ WARDA	MSc
<i>Kotchi, Valère</i> <i>Dynamique du phosphore dans les sols en région tropicale : le cas de la Côte d'Ivoire</i>	Université d'Abidjan	AfDB	PhD
<i>Kouamé, Arsène Kouadio**</i> <i>Analyse de la gestion des semences de riz et de l'adoption des variétés modernes en milieu paysan</i>	INP-HB/ESA	WARDA/ DFID	DAA

<i>Kouassi Niankan, Aubin*</i> <i>Evaluation de la résistance à la panachure jaune du riz de 297 variétés locales de riz de la région de Gagnoa</i>	INP-HB/ESA	MESRS/ WARDA	DAA/ MSc
<i>Lago, N'brin Gaston**</i> <i>Mécanismes de résistances à la cécidomyie africaine du riz, Orseolia oryzivora</i>	INP-HB/ESA	ESA/WARDA	DAA
<i>Larbaigt, Frédéric**</i> Sustainability and maintenance in community-based irrigation schemes in the Senegal River floodplain	Ecole nationale du Génie de l'eau et de l'environnement de Strasbourg	IWMI/ WARDA	MSc
<i>Maji, Alhassan Tswako</i> Genetics of resistance to African rice gall midge in <i>Oryza glaberrima</i>	University of Ibadan	Rockefeller Foundation	PhD
<i>Mandé, Sémon</i> Assessment of biodiversity in <i>Oryza glaberrima</i> using microsatellite markers	Cornell University	Rockefeller Foundation	PhD
<i>Mesmin, Meye Mella*</i> Influence of spatial variability on fertilizer recommendations	Technical School Bambey	—	Agro-nomic engineer
<i>Mulder, Linda*</i> Effect of straw application on yield and on plant availability of N and P for alkaline irrigated rice soils	Wageningen University	DFID	MSc
<i>Soko Dago, Faustin*</i> <i>Epidémiologie du RYMV : étude des conditions d'établissement et de déroulement des épidémies pour une gestion intégrée de la panachure jaune du riz en Côte d'Ivoire</i>	Université d'Abidjan	Japan	PhD
<i>Sorho, Fatogoma</i> Assessment of rice yellow mottle virus pathology as a prerequisite of the deployment and the durability of the natural genetic resistance to rice yellow mottle disease	Université d'Abidjan	IRD	PhD
<i>Tia, Dro Daniel*</i> <i>Caractérisation morphologique de la biodiversité du riz local de la région de Gagnoa</i>	INP-HB/ESA	WARDA	DAA

<i>Tonessia, Dolou Charlotte*</i> <i>Identification de la flore bactérienne et fongique hébergée par les semences de riz et tentative de lutte contre ces pathogènes</i>	Université de Cocody-Abidjan	MESRS/ WARDA	DEA
<i>Traoré, Karim*</i> Marker-assisted selection for improving drought resistance in rice root traits and osmotic adjustment	University of Texas	Rockefeller Foundation	PhD
<i>Tveteraas, Astrid*</i> The impact of AIDS on livelihood security in rural areas of Côte d'Ivoire	Agricultural University of Norway	Agricultural University of Norway/WARDA	MSc
<i>van Asten, Petrus</i> Salt-related soil degradation in irrigated rice-based cropping systems in the Sahel	Wageningen University	DGIS	PhD
<i>van 't Zelfde, Arjan*</i> Identification and quantification of processes contributing to alkalization in irrigated rice soils	Wageningen University	DFID	MSc
<i>Yao, Kouadio Nasser</i> <i>Androgène in vitro chez le riz Oryza glaberrima et d'hybrides interspécifiques sativa-glaberrima</i>	Université d'Abidjan	AfDB	PhD
<i>Zamble, Lout T. Corinne*</i> <i>Caractérisation morphologique de la biodiversité du riz local de la région de Danané</i>	INP-HB/ESA	WARDA	DAA
<i>Zekre, Sylvestre*</i> <i>Caractérisation morphologique de la biodiversité du riz local des régions de Boundiali et Touba</i>	INP-HB/ESA	WARDA	DAA
<i>Zeller, Heiko*</i> Characterization of rainfed upland rice production systems in southern Nigeria	Hohenheim University	BMZ/GTZ	PhD

* Started in 2001

** Completed in 2001

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- Ahmadi, N., A. Audebert, B. Traoré, J. Bozza, B. Feuillet and M. Simpara, 2001. Référentiel agronomique disponible pour l'intensification de la riziculture de bas-fonds en zone soudanienne. In: *Mise en valeur et aménagement des bas-fonds d'Afrique de l'Ouest* [CD-ROM]. CIRAD, Montpellier, France; CBF, Bouaké, Côte d'Ivoire; IER, Bamako, Mali; SARI, Koumassi, Ghana, & PSI, Dakar, Sénégal.
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ADRAO : 1971-2001. 2001. ADRAO, Bouaké, Côte d'Ivoire, 17 p. ISBN 92 9113 223 3.

African Rice Gall Midge Research Guide. C.T. Williams, K.M. Harris, M.N. Ukwungwu, S. Nacro, D. Dakouo, F.E. Nwilene, B.N. Singh and O. Okhidievbie, 2002. WARDA, Bouaké, Côte d'Ivoire, and CABI, Wallingford, UK, 28 p. ISBN 92 9113 197 0.

Agricultural Input Markets in Nigeria: An Assessment and a Strategy for Development. 2001. Paper Series IFDC—P-23. International Fertilizer Development Center (IFDC), Muscle Shoals, USA; International Institute for Tropical Agriculture (IITA), Ibadan, Nigeria; WARDA, Bouaké, Côte d'Ivoire, 31 p. ISBN 0 88090 128 4.

Annual Report 2000. 2001. WARDA, Bouaké, Côte d'Ivoire, 84 p. ISBN 92 9113 216 0.

Bintou et son nouveau riz pour l'Afrique : Briser la spirale de la culture itinérante dans la région la plus pauvre du monde. 2002. ADRAO, Bouaké, Côte d'Ivoire, 32 p. ISBN 92 9113 234 9.

Bintu and Her New Rice for Africa: Breaking the shackles of slash-and-burn farming in the world's poorest region. 2001. WARDA, Bouaké, Côte d'Ivoire, 32 p. ISBN 92 9113 207 1. [Winner of the CGIAR King Baudouin Award 2000.]

BOFANI (WAB 450-I-B-P-38-HB) [fiche technique]. [2001]. [ADRAO for Ministère de l'Agriculture et des ressources animales, Côte d'Ivoire], [1] p.

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Collaboration ADRAO/SNRA : Potentiel d'une révolution verte dans le domaine de la riziculture en Afrique de l'Ouest et du Centre. Rapport de la deuxième réunion biennale ADRAO/Comité des experts nationaux, 20-21 mars 2000, M'bé, Bouaké, Côte d'Ivoire. *Rapport de réunion biennale ADRAO/Comité des experts nationaux* n° 2. 2001. ADRAO, Bouaké, Côte d'Ivoire, 110 p. ISBN 92 9113 209 8.

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Development of Training Materials in Agriculture. A course manual. A. Youdeowei and J. Kwarteng, 1995. WARDA, Bouaké, Côte d'Ivoire, 104 p. ISBN 92 9113 072 9. [Reprint.]

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- La ferme expérimentale de l'ADRAO.* 2001. ADRAO, Bouaké, Côte d'Ivoire, [6] p. ISBN 92 9113 221 7.
- Gestion intégrée pour la riziculture irriguée dans la vallée du fleuve Sénégal, région Bokhol à Matam* [fiche technique]. [2001]. ADRAO, [Bouaké, Côte d'Ivoire], SAED [Société nationale d'aménagement et d'exploitation des terres du delta du fleuve Sénégal et des vallées du fleuve Sénégal et de la Falémé, St-Louis, Sénégal], & ISRA [Institut sénégalais de recherches agricoles, Dakar, Sénégal], [2] pp.
- Gestion intégrée pour la riziculture irriguée dans la vallée du fleuve Sénégal, (Saint-Louis – Bokhol)* [fiche technique]. [2001]. ADRAO, [Bouaké, Côte d'Ivoire], SAED [Société nationale d'aménagement et d'exploitation des terres du delta du fleuve Sénégal et des vallées du fleuve Sénégal et de la Falémé, St-Louis, Sénégal], & ISRA [Institut sénégalais de recherches agricoles, Dakar, Sénégal], [2] pp.
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Abbreviations and Acronyms

4Rs	Regional Rice Research Review (biennial meeting of ROCARIZ)
AABNF	African Association for Biological Nitrogen Fixation
ACT	Almanac Characterization Tool
ADRAO	Association pour le développement de la riziculture en Afrique de l'Ouest (French name of WARDA)
AfDB	African Development Bank
AICAF	Association for International Cooperation of Agriculture and Forestry (Japan)
AIDS	Acquired Immune Deficiency Syndrome
AMVS	Autorité de mise en valeur de la vallée de Sourou (Burkina Faso) [Sourou Valley extension service]
ANADER	Agence nationale d'appui au développement rural (Côte d'Ivoire)
ARI	African Rice Initiative
ASI	ADRAO/SAED/ISRA thresher–cleaner (ADRAO, Senegal)
AVRDC	Asian Vegetable Research and Development Center (Taiwan)
BMZ	Bundesministerium für Wirtschaftliche Zusammenarbeit (Germany)
BNETD	Bureau national d'études techniques et de développement
CABI	Centre for Agriculture and Biosciences International (United Kingdom)
CBF	Consortium bas-fonds (French name of IVC)
CBSS	community-based seed (production) system(s)
CD-ROM	compact disk – read-only memory
CDC	Center Directors Committee (CGIAR)
CERAAS	Centre d'étude régional pour l'amélioration de l'adaptation à la sécheresse (Senegal)
CERDI	Centre d'études et de recherches sur le développement international
CFA	Communauté financière africaine franc(s)
CFC	Common Fund for Commodities [donor]
CG	Consultative Group on International Agricultural Research
CGIAR	Consultative Group on International Agricultural Research
CIAT	Centro Internacional de Agricultura Tropical
CIFOR	Center for International Forestry Research
CIMMYT	Centro Internacional de Mejoramiento de Maiz y Trigo
CIP	Centro Internacional de la Papa
CIRAD	Centre de coopération internationale en recherche agronomique pour le développement (France)
CIRES	Centre ivoirien de recherches économiques et sociales
cm	centimeter(s)
CNRA	Centre national de recherche agronomique (Côte d'Ivoire, <i>formerly</i> IDESSA)
CNRS	Centre national de recherche scientifique (France)
CORAF	Conseil ouest et centre africain pour la recherche et le développement agricole [French name of WECARD]
CRF	Competitive Research Funds (DFID)
CTA	Technical Centre for Agricultural and Rural Cooperation (The Netherlands)
DAA	Diplôme d'agronomie appliquée
DAAD	Deutscher Akademischer Austauschdienst
DAF	Director of Administration and Finance (WARDA)

DANIDA	Danish International Development Agency
DC	District of Columbia (USA)
DEA	Diplôme d'études approfondies (degree)
DFID	Department for International Development (UK)
DGIS	Directorate General for International Cooperation (The Netherlands)
DIARPA	Diagnostique rapide de pré-aménagement (diagnostic tool)
Dr	doctor
Drs	doctors
DRDR	Direction régionale du développement rural
DRC	Domestic Resource Cost ratio
ECA	Economic Commission for Africa (UN)
ECART	European Consortium for Agricultural Research in the Tropics
ECODEV	Association a but non-lucratif l'approche intégrée au développement [NGO]
Ed. / ed.	editor(s)
e.g.	for example
EPHTA	Ecoregional Program for the Humid Tropics of Africa (CGIAR)
ESA	Ecole supérieure d'agronomie (INP-HB)
FAO	Food and Agriculture Organization of the United Nations
FARA	Forum for Agricultural Research in Africa
FDCIC	Fonds de contrepartie ivoiro-canadien
FDFP	Fonds de développement de la formation professionnelle
FDPPE	Fondation pour le développement des projets à petite échelle [NGO, Senegal]
Fe	iron
FEPRODES	Fédération des femmes productrices de la région de Saint-Louis du Sénégal (Senegal)
Fig.	Figure
FPATDD	Farmer Participatory Approaches to Technology Development and Dissemination (WARDA Project)
GDP	Gross Domestic Product
GIS	geographical information system(s)
GTZ	Gesellschaft für Technische Zusammenarbeit (Germany)
ha	hectare(s)
HE	His Excellency
HIV	Human Immunodeficiency Virus
HRI	Horticultural Research International (UK)
IAEG	Impact Assessment and Evaluation Group (CGIAR)
ICARDA	International Center for Agricultural Research in the Dry Areas
ICLARM	International Center for Living Aquatic Resources
ICM	integrated crop management
ICRAF	International Centre for Research in Agroforestry
ICRISAT	International Crops Research Institute for the Semi-Arid Tropics
IDESSA	Institut des savannes (<i>now</i> CNRA, Côte d'Ivoire)
IDRC	International Development Research Centre (Canada)
i.e.	that is
IER	Institut d'économie rurale (Mali)
IFAD	International Fund for Agricultural Development
IFDC	International Fertilizer Development Corporation
IFPRI	International Food Policy Research Institute (Washington, DC, USA)
IGBP	International Geosphere-Biosphere Programme
IHP	Interspecific Hybridization Project (WARDA)

IITA	International Institute of Tropical Agriculture (Ibadan, Nigeria)
ILRI	International Livestock Research Institute (Nairobi, Kenya and Addis Ababa, Ethiopia)
Inc.	Incorporated (company)
INERA	Institut de l'environnement et des recherches agricoles (Burkina Faso)
INGER	International Network for the Genetic Evaluation of Rice
INP-HB	Institut national polytechnique Houphouët-Boigny (Yamoussoukro, Côte d'Ivoire)
INRM	integrated natural-resources management
IPGRI	International Plant Genetic Resources Institute (Rome, Italy)
IRAG	Institut de recherche agronomique de Guinée (Guinea)
IRAT	Institut de recherches agronomiques tropicales et des cultures vivrières
IRD	Institut de recherche pour le développement (<i>formerly</i> ORSTOM, France)
IRM	integrated rice management
IRRI	International Rice Research Institute (Los Baños, The Philippines)
IRTP	International Rice Testing Program (forerunner of INGER, IRRI)
ISBN	International Standard Book Number
ISNAR	International Service for National Agricultural Research (The Hague, The Netherlands)
ISRA	Institut sénégalais de recherches agricoles (Senegal)
IVC	Inland Valley Consortium (WARDA)
IWMI	International Water Management Institute
JIRCAS	Japan International Research Center for Agricultural Sciences
JOCV	Japanese Overseas Cooperation Volunteer
K	potassium
kg	kilogram(s)
km	kilometer(s)
LANADA	Laboratoire national d'appui au développement agricole (Côte d'Ivoire)
Ltd	Limited (company)
MAFF	Ministry of Agriculture, Forestry and Fisheries (Japan)
MESRS	Ministry of Higher Education and Scientific Research (Côte d'Ivoire)
MINAGRA	Ministry of Agriculture (Côte d'Ivoire)
MSc	Master of Science (degree)
N	nitrogen
NARES	national agricultural research and extension system(s)
NARI	National Agricultural Research Institute (The Gambia); national agricultural research institution
NARS	national agricultural research system(s)
NCRI	National Cereals Research Institute (Nigeria)
NCU	National Coordination Unit (IVC)
NERICA	New Rice for Africa
NGO	non-governmental organization
NISER	Nigerian Institute of Social and Economic Research
n°	number [French usage]
no.	number
NRI	Natural Resources Institute (UK)
OAU	Organization of African Unity
OCPC	Organizational Change Program (CGIAR)
OECD	Organisation for Economic Co-operation and Development
OFDA	Office of US Foreign Disaster Assistance (part of USAID)
ORSTOM	Institut français de recherche scientifique pour le développement en coopération (<i>now</i> IRD, France)
OVDL	Organisation des volontaires pour le développement local (Côte d'Ivoire) [NGO]

P	phosphorus
P. / p.	page(s)
Pp. / pp.	pages
PADS	Participatory Adaptation and Diffusion of technologies for rice-based Systems (WARDA project)
PhD	Doctor of Philosophy (doctorate)
PLAR	participatory learning and action research
PNR	Projet national riz (Côte d'Ivoire)
PRA	participatory rural appraisal
PRGA	System-wide Programme on Participatory Research and Gender Analysis for Technology Development and Institutional Innovation (CGIAR)
PRIGA	Participatory Rice Improvement and Gender/User Analysis (WARDA)
PSI	Pôle systèmes irrigués (CORAF)
PTDP	Participatory Technology Development Project (WARDA)
PVS	participatory varietal selection
QTL	quantitative trait locus
RCU	Regional Coordination Unit (IVC)
REN	nitrogen recovery rate
RIDEV	rice development (crop model)
ROCARIZ	Reseau ouest et centre africain du riz (WARDA/CORAF Rice Research and Development Network for West and Central Africa)
RYMV	rice yellow mottle virus
SAED	Société d'aménagement et d'exploitation des terres du delta du fleuve Sénégal et des vallées du fleuve Sénégal et de la Falémé (Senegal)
SARI	Savanna Research Institute (Ghana)
SC-DLO	Winand Staring Centre for Integrated Land, Soil and Water Research (Wageningen, The Netherlands)
SES	Standard Evaluation Score (IRRI)
SNPRV	Service national de la promotion rurale et de la vulgarisation agricole (Guinea)
SNRA	système(s) national/nationaux de recherche agricole (French for NARS)
SPIRIVWA	Sustainable Productivity Improvement for Rice in Inland Valleys of West Africa (IVC project funded by CFC)
SRO	Sub-regional Organization
SSSA	Soil Science Society of America
subsp.	subspecies
SVG	Scalable Vector Graphics
SWIHA	System-wide Initiative on HIV/AIDS and Agriculture (CGIAR)
t	tonne(s)
TCDC	Technical Cooperation among Developing Countries (UNDP)
UK	United Kingdom
UN	United Nations
UNAIDS	Joint United Nations Programme on HIV/AIDS
UNDP	United Nations Development Programme
US	United States
USA	United States of America
USAID	United States Agency for International Development
WAIVIS	West Africa Inland Valley Information System
WARDA	West Africa Rice Development Association
WARF	West Africa Rural Foundation (NGO)
WASDU	West Africa Seed Development Unit

WAU	Wageningen Agricultural University
WCV	wide compatibility variety
WECARD	West and Central African Council for Research and Development (English of CORAF)
WFP	World Food Programme (FAO)
WUR	Wageningen University and Research Centre
Zn	zinc



About the Consultative Group on International Agricultural Research (CGIAR)

The Consultative Group on International Agricultural Research (CGIAR) was founded in 1971 as a global endeavor of cooperation and goodwill. The CGIAR's mission is to contribute to food security and poverty eradication in developing countries through research, partnership, capacity building and policy support, promoting sustainable agricultural development based on the environmentally sound management of natural resources. The CGIAR works to help ensure food security for the twenty-first century through its network of 16 international and autonomous research centers, including WARDA. Together, the centers conduct research on crops, livestock, fisheries and forests, develop policy initiatives, strengthen national agricultural organizations, and promote sustainable resource management practices that help provide people world-wide with better livelihoods.

The CGIAR works in partnership with national governmental and non-governmental organizations, universities and private industry. The United Nations Development Programme, the United Nations Environment Programme, the World Bank, and the Food and Agriculture Organization of the United Nations sponsor the CGIAR. The CGIAR's 57 members include developing and developed countries, private foundations, and international and regional organizations. Developing world participation has doubled in recent years. All members of the OECD (Organisation for Economic Co-operation and Development) Development Assistance Committee belong to the CGIAR.

The CGIAR is actively planning for the world's food needs well into the twenty-first century. It will continue to do so with its mission always in mind and with its constant allegiance to scientific excellence.

CGIAR Centers

CIAT	Centro Internacional de Agricultura Tropical (Cali, Colombia)
CIFOR	Center for International Forestry Research (Bogor, Indonesia)
CIMMYT	Centro Internacional de Mejoramiento de Maiz y Trigo (Mexico, DF, Mexico)
CIP	Centro Internacional de la Papa (Lima, Peru)
ICARDA	International Center for Agricultural Research in the Dry Areas (Aleppo, Syria)
ICLARM	International Center for Living Aquatic Resources Management (Penang, Malaysia)
ICRAF	International Centre for Research in Agroforestry (Nairobi, Kenya)
ICRISAT	International Crops Research Institute for the Semi-Arid Tropics (Patancheru, India)
IFPRI	International Food Policy Research Institute (Washington, DC, USA)
IITA	International Institute of Tropical Agriculture (Ibadan, Nigeria)
ILRI	International Livestock Research Institute (Nairobi, Kenya)
IPGRI	International Plant Genetic Resources Institute (Rome, Italy)
IRRI	International Rice Research Institute (Los Baños, Philippines)
ISNAR	International Service for National Agricultural Research (The Hague, Netherlands)
IWMI	International Water Management Institute (Colombo, Sri Lanka)
WARDA	West Africa Rice Development Association (Bouaké, Côte d'Ivoire)



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