

Training

Courses Given in 1999

Title and dates	Location	Language	Participants		
			Male	Female	Total
Systems Analysis and Simulation of Rice Production and Rice–Weed Interactions [Postgraduate course of the Department of Theoretical Production Ecology, Wageningen Agricultural University] 22–30 March	M'bé, Bouaké, Côte d'Ivoire (WARDA)	English	18	2	20
Participatory Rice Improvement and Gender/User Analysis 19–25 April	Yamoussoukro, Côte d'Ivoire (Hotel President)	English, French	28	3	31
Community-based Seed Production 26–29 April	Sérédou, Guinea	French, Kissien, Mandingou	28	8	34
Formation agronomique de base 26–30 April	M'bé, Bouaké, Côte d'Ivoire (WARDA)	French	30	0	30
Community-based Seed Production 1–3 May	Kindia, Guinea	French, Peulh, Soussou	22	6	28
Les techniques de production de riz irrigué 29 May to 10 June	Rosso, Mauritania	French	24	1	25
Rice Seed Production Techniques, Organization, Management and Varietal Release Procedures 26 September to 9 October	Ghana (CRI)	English	17	1	18
Total			167	21	186

Postgraduate Trainees in 1999

Name and thesis topic	Institution	Sponsor	Degree
<i>Ajayi, Oluyedi Olutomide Clifford*</i> Pesticide use practices, productivity and farmers' health: the case of cotton-rice system in Côte d'Ivoire, West Africa	University of Hannover	GTZ/WARDA	PhD
<i>Akanvou, René</i> Optimizing rice-legumes intercropping in inland valleys in West Africa: A systems approach to interspecific competition	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>Bousquet, Violaine</i> Variation de l'enracinement du riz pluvial en fonction du cultivar et du type de sol	Institut National Polytechnique de Nancy	CIRAD	DEA
<i>Cairns, Jill</i> Root penetration and QTL mapping in upland rice	University of Aberdeen	DFID	PhD
<i>Clark, Cary</i> Rural finance systems and related constraints for lowland rice intensification	University of Reading	Private/WARDA	PhD
<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	GTZ	PhD
<i>Jalloh, Alpha Bella</i> Genetics of iron toxicity tolerance in <i>indica</i> rice	University of Sierra Leone	AfDB	MPhil
<i>Keïta, Moutar</i> Criblage de variétés de riz pour la résistance horizontale à la pyriculariose à Bouaké M'bé et à Man (Côte d'Ivoire)	Ecole supérieure d'agronomie (ESA), Yamoussoukro	MESRS/WARDA	DAA
<i>Maji, Alpha 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>Masiyandima, Mutsa*</i> Impact of land use on recharge to shallow groundwater	Cornell University Foundation	Rockefeller	PhD
<i>Ojehomon, Ohifeme</i> Effects of parboiling, storage, and cultivar management on rice grain quality	University of Ibadan	WARDA	PhD
<i>Ouassa, Anne-Marie*</i> Control of mosquito populations in Gambian rice fields	University of Abidjan/ Institut Pierre Richet	AfDB/WARDA (Health Consortium)	PhD
<i>Soko, Dago Faustin</i> Variabilité pathologique de quelques isolats du virus de la panachure jaune du riz (RYMV) de Gagnoa (Côte d'Ivoire)	Université de Cocody, Abidjan	MESRS/WARDA	DEA
<i>Somado, Eklou Attiogbévi</i> Enhancing nutrient cycling in rice–legume rotations through phosphate rock in acid soil	University of Göttingen	DAAD	PhD
<i>Timmerman, Henk-Jan*</i> The impact of land use intensity on soil degradation	University of Amsterdam	IVC/University of Amsterdam	MSc
<i>van Asten, Petrus</i> Salt-related soil degradation in irrigated rice-based cropping systems in the Sahel	Wageningen UR	DGIS	PhD

* Completed in 1999

Publications

- Afun, J.V.K., D.E. Johnson and A. Russell-Smith, 1999. The effects of weed residue management on pests, pest damage, predators and crop yield in upland rice in Côte d'Ivoire. *Biological Agriculture & Horticulture* 17: 47–58.
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Rapport annuel 1997. 1999. ADRAO/WARDA, Bouaké, Côte d'Ivoire, 71 p. ISBN 92 9113 115 6.

Rice Interspecific Hybridization Project: Research Highlights 1999. 1999. WARDA, Bouaké, Côte d'Ivoire, 34 p. ISBN 92 9113 203 9.

Abbreviations and Acronyms

ADRAO	Association pour le développement de la riziculture en Afrique de l'Ouest (French name of WARDA)
AfDB	African Development Bank
AMVS	Autorité de mise en valeur de la vallée de Sourou (Burkina Faso) [Sourou Valley extension service]
BMZ	Bundesministerium für Wirtschaftliche Zusammenarbeit (Germany)
Ca	calcium
CABI	Centre for Agriculture and Biosciences International (United Kingdom)
CBSS	community-based seed (production) system(s)
CCER	Center-Commissioned External Review
CEMV	Centre universitaire de formation en entomology médicale et vétérinaire (Côte d'Ivoire)
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
CIDA	Canadian International Development Agency
CIRAD	Centre de coopération internationale en recherche agronomique pour le développement (France)
CNRA	Centre national de recherche agronomique (Côte d'Ivoire)
CNRADA	Centre national de recherche agronomique et de développement agricole (Mauritania)
CORAF	Conseil Ouest et Centre africain pour la recherche et le développement agricoles (<i>formerly</i> , Conférence des responsables de la recherche agronomique africaine)
CRDI	Centre de recherche pour le développement international (French of IDRC)
CRF	Competitive Research Funds (DFID)
CRI	Crops Research Institute (Ghana)
CSSA	Crop Science Society of America
CTA	Technical Centre for Agricultural and Rural Cooperation (the Netherlands)
cv.	cultivar
DAA	Diplôme d'agronomie appliquée
DAAD	Deutscher Akademischer Austauschdienst
DANIDA	Danish International Development Agency
DEA	Diplôme d'études approfondies (degree)
DEAP	Département d'épidémiologie des affections parasitaires (Mali)
DFID	Department for International Development (<i>formerly</i> ODA, UK)
DGIS	Directorate General for International Cooperation (The Netherlands)
ECA	Economic Commission for Africa (UN)
ECSA	Eastern, Central and Southern Africa
ed.	editor(s)
EPMR	External Program and Management Review
FAO	Food and Agriculture Organization of the United Nations
FDCIC	Fonds de contrepartie ivoiro-canadien
GFAR	Global Forum for Agricultural Research
GTZ	Gesellschaft für Technische Zusammenarbeit (Germany)

HHC	Human Health Consortium (WARDA)
HRI	Horticultural Research International (UK)
IAEG	Impact Assessment and Evaluation Group (CGIAR)
IARC	international agricultural research center (CGIAR)
IDC	Information and Documentation Center (WARDA)
IDRC	International Development Research Centre (Canada)
IFAD	International Fund for Agricultural Development
IFDC	International Fertilizer Development Corporation
IHP	Interspecific Hybridization Project (WARDA)
IITA	International Institute of Tropical Agriculture (Ibadan, Nigeria)
INERA	Institut de l'environnement et de recherches agricoles (Burkina Faso)
INGER	International Network for the Genetic Evaluation of Rice
IPR	Institut Pierre Richet (Côte d'Ivoire)
IRD	Institut de recherche pour le développement (<i>formerly</i> ORSTOM, France)
IRRI	International Rice Research Institute (Los Baños, The Philippines)
ISBN	International Standard Book Number
ISNAR	International Service for National Agricultural Research (The Hague, The Netherlands)
IVC	Inland Valley Consortium (WARDA)
IWMI	International Water Management Institute
JICA	Japan International Cooperation Agency
JIRCAS	Japan International Research Center for Agricultural Sciences
K	potassium
LSD	least significant difference
MAFF	Ministry of Agriculture, Forestry and Fisheries (Japan)
MARA	Mapping malaria Risk in Africa
MESRS	Ministère de l'enseignement supérieur et de la recherche scientifique (Côte d'Ivoire)
Mg	magnesium
MOFA	Ministry of Foreign Affairs of Japan
MPhil	Master of Philosophy (degree)
MSc	Master of Science (degree)
MTP	Medium-Term Plan
N	nitrogen
NARS	national agricultural research system(s)
NERICA	New Rice for Africa
NGO	non-governmental organization
NRI	Natural Resources Institute (UK)
OCCGE	Organisation de Coordination pour la lutte Contre les Grandes Endémies (Côte d'Ivoire)
OCP	Organizational Change Program
ODA	Overseas Development Administration (<i>now</i> DFID, UK)
OMS-TEAE	Organisation mondiale de la santé - Tableau mixte d'experts sur l'aménagement de l'environnement pour la lutte antivectorielle (French of WHO-PEEM)
ORSTOM	Institut français de recherche scientifique pour le développement en coopération (<i>now</i> IRD, France)
P	phosphorus
p./pp.	page(s)/pages
PAGE	polyacrylamide gel electrophoresis
PEEM	Joint Panel of Experts on Environmental Management for Vector Control (WHO/FAO/UNEP/UNCHS)
PhD	Doctor of Philosophy (doctorate)
PRIGA	Participatory Rice Improvement and Gender/User Analysis (WARDA)
PVS	participatory varietal selection

QTL(s)	quantitative trait locus (loci)
RADORT	Research on Accelerated Diffusion of Rice Technology (WARDA/Winrock International project)
RFLP	restriction fragment length polymorphism
ROCARIZ	Reseau Ouest et Centre africain du riz (WARDA/CORAF Rice Research and Development Network for West and Central Africa)
R-to-D	research-to-development
RYMV	rice yellow mottle virus
SARA	Salon international de l'agriculture et des ressources animales
SC-DLO	Winand Staring Centre for Integrated Land, Soil and Water Research (Wageningen, the Netherlands)
SONADER	Société nationale pour le développement rural (Mauritania)
subsp.	subspecies
TCDC	Technical Cooperation among Developing Countries (UNDP)
TSP	triple super phosphate
UK	United Kingdom
UN	United Nations
UNDP	United Nations Development Programme
US	United States
USA	United States of America
USAID	United States Agency for International Development
WARDA	West Africa Rice Development Association
WCA	West and Central Africa
WECARD	West and Central African Council for Research and Development (English of CORAF)
WHO	World Health Organization
WHO-PEEM	World Health Organization Panel of Experts on Environmental Management for Vector Control
YAAS	Yunnan Academy of Agricultural Sciences (China)



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Printing and binding: Pragati, Hyderabad, India.

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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 (Manila, Philippines)
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)



West Africa Rice Development Association

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