

## Featured Publication

Last Updated Wednesday, 16 July 2008

### FEATURED PUBLICATION Commercialization of Agricultural Biotechnology in Philippine Public Research and Development Institutions

This undertaking resulted from the research project, "Models and Conditions for the Generation and Commercialization of Agricultural Biotechnology Among Selected Public Research and Development Institutions in the Philippines," funded by the Department of Agriculture Biotechnology Program.

It analyzes the relationship between agricultural biotechnology and intellectual property rights, and the favorable implications of IPRs, ownership and commercialization of public agbiotech for public servants.

Another result of the collaborative efforts of PhilRice and Sikap/Strive Foundation, this publication focuses on addressing issues on the protection and commercialization of publicly generated agricultural biotechnology products in the Philippines. *Appreciating Rice*

This book contains the scientific knowledge, ideas, and some other information gathered from the published materials, mostly from the Philippine Rice Research Institute and the International Rice Research Institute, and from the working knowledge of experts and practitioners in the rice industry.

It is written by Dr. Anselmo S. Roque, an educator-journalist, for popular reading and for easy understanding by those who don't have much experience in relation to rice growing, production, harvesting, postharvest, and the rest of the activities up to putting the cooked rice to the plate for eating.

#### Intellectual Property Rights and Commercialization of Agricultural Biotechnology: Implications for Public Servants

Affirming the Philippine Rice Research Institute's intellectual property rights (IPR) initiatives, this book examines the legal implications of IPRs, ownership, and commercialization of public agbiotech for public servants.

This book is the result of Atty. Ronilo A. Beronio's Master of Laws thesis at the San Beda College. Atty. Beronio, OIC executive director of PhilRice, hopes that exceptional public servants engaged in research and development will be inspired to generate more agbiotech products that could be registered as intellectual property and commercialized to boost productivity in the agriculture sector for national development.

**Ex Ante Impact Assessment of 3-in-1 Rice** This book presents the assessment of the impact of the 3-in-1 rice variety on production, the environment, potential health risks to consumers, potential costs and benefits to society, and acceptability to farmers and consumers.

Highlighted in this book, the ex ante impact assessment study was conducted by the Philippine Rice Research Institute and SIKAP/STRIVE Foundation social science researchers led by Atty. Ronilo A. Beronio of PhilRice and Dr. Leonardo A. Gonzales of SIKAP/STRIVE Foundation.

**Philippine Rats - Ecology and Management** This book features our current knowledge of the Philippine rodents, their ecology, systematics, diseases, and management. It covers a wide array of topics from the historical perspective of the development of rodent pest management from 1968 to 1988, to biology and management in complex agroecosystems, to ecology of pest and native rodent species, and to their impact on farming communities.

It comes with two auto-run CD-ROMs: the electronic simple identification keys to differentiate quickly the pest and non-pest rodent species in rice and non-rice habitats in the Philippines; and the comprehensive bibliography and database on Philippine rodents, which is searchable by keywords.

Dr. Grant R. Singleton, coordinator of the Irrigated Rice Research Consortium at the International Rice Research Institute, Dr. Ravindra C. Joshi, chief science research specialist of the Philippine Rice Research Institute (PhilRice), and Dr. Leocadio S. Sebastian, outgoing PhilRice executive director teamed up to produce this 200-page book.

### The Rice Tungro Virus Disease: A Paradigm in Disease Management

This book highlights the features of the most important rice virus disease in tropical Asia — TUNGRO. It contains the most recent and comprehensive information on the rice tungro virus disease, including expanding knowledge in rice virus pathology, recent studies on transgenic resistance to tungro viruses, and improved tungro management approaches.

It is composed of twelve chapters written by local and international rice scientists, pathologists, and economists, who have conducted various researches on the rice tungro disease, including breeding resistant rice varieties using conventional and biotechnology methods. Although much is known about the disease, various researches continue as tungro remains a major threat to rice production. For instance in the Philippines, tungro incidence can lower rice production by 44% to 81% in severe cases.

The book editors are Drs. ER Tiongco, ER Angeles, and LS Sebastian &ndash; research experts in plant pathology and breeding relating to rice tungro disease.

Price: Within the Philippines, P 1000, Developed countries USD 60, Developing countries USD 30

Shipping and Handling costs:

Philippines: P 120 to P150 (via postal or fast courier)

International (depending on zones): \$25 to \$65 (3-5 day courier, excluding remote area surcharge)

For orders, please email: [prri@philrice.gov.ph](mailto:prri@philrice.gov.ph). Please make check/postal money order payable to the Philippine Rice Research Institute.

Rice Black Bugs: Taxonomy, Ecology, and Management of Invasive Species

This book far carries such an extensive literature on the taxonomy, ecology, and sustainable management of RBB, attests Dr. Hans Rudolf Herren, internationally known entomologist who provided one of the forewords of the book. Indeed, Drs. Ravindra C. Joshi, Alberto T. Barrion, and Leocadio S. Sebastian teamed up to deliver an 800-page book that reinterprets old problems and introduces new ecological techniques for the management of rice black bugs (RBB). Composed of four sections, the book covers clarifications on the confusing taxonomy using traditional and modern taxonomic tools, country reports of RBB experiences of other rice-growing countries, aside from approaches to management of RBB pest species.

The book comes with a stand alone and auto-run DVD-ROM containing about 350 published full-text articles on RBB sourced out from experts around the world, dating way back 1864 to 2006. All articles are searchable using both natural language and keywords from a structured vocabulary indexed automatically by freeware Search Engine Builder.

The editors hope that the wealth of information contained in the book will provide guidance and directions to RBB research on ecological management in the next few years.

Price: P 2,500/copy (local)

Developed countries \$102, Developing countries \$52

Shipping and Handling costs:

Local: P 500 to 800 (via postal or fast courier)

International (zone dependent, excluding remote area surcharge): \$55 to \$ 150 (3-5 day courier)

You may make arrangement through: [prri@philrice.gov.ph](mailto:prri@philrice.gov.ph) and orders will be processed upon receipt of postal money order/check payable to: Philippine Rice Research Institute.

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