

## NEW PUBLICATIONS

### CORPORATE PUBLICATIONS

• **ACIAR Corporate Plan 2008–12** Outlines the challenges and the critical success factors for ACIAR, along with linkages to strategies to meet these challenges. *CP14, 30pp.*

• **ACIAR Annual Report 2007–08** Outlines ACIAR's performance including a review of project activities by each partner country and the centre's financial statements. *AR 2007-08, 151pp.*

• **Country Profiles: China; Cambodia, Lao PDR and Thailand; Indonesia; Pacific Islands; Papua New Guinea; the Philippines; South Asia; Vietnam** These eight ACIAR Country Profiles are a snapshot of the collaborative research carried out between developing country partners and Australia in 2008.

• **Indonesian, Lao, Vietnamese and Khmer translations of extracts from ACIAR's Annual Operational Plan 2008–09**

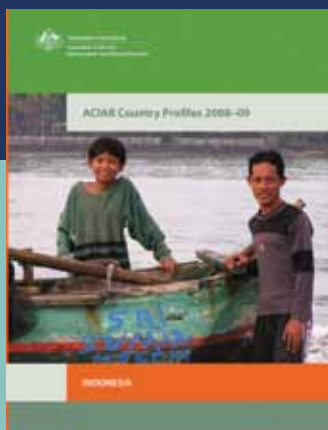
### MONOGRAPHS

• **Measuring plant-associated nitrogen fixation in agricultural systems**

A state-of-the-art reference on the various methods and practical applications for measuring nitrogen fixation in the field. *M. Unkovich, D. Herridge, M. Peoples, G. Cadisch, B. Boddey, K. Giller, B. Alves and P. Chalk, 2008, ACIAR Monograph 136, 258 pp.*

• **Sea cucumber fisheries: a manager's toolbox** In response to the dire condition of many sea cucumber fisheries today, ACIAR convened the 'Papua New Guinea, Pacific Islands and Northern Australia Sea Cucumber Fisheries Management Workshop', held at Motupore Island Research Centre, PNG, in March 2006. This booklet is a direct outcome of that workshop. *K. Friedman, S. Purcell, J. Bell and C. Hair, 2008, ACIAR Monograph 135, 36pp.*

• **Growing peanuts in Papua New Guinea: a best management practice manual** Peanut growing is regaining popularity in Papua New Guinea, where peanuts are now seen as an important cash crop for many smallholder farmers and commercial operators. This is a best management production manual aimed at the wide spectrum of industry stakeholders interested in growing and marketing peanuts in Papua New Guinea. *M. Hughes, R.C.N. Rachaputi, L. Kuniata and A. Ramakrishna, 2008, ACIAR Monograph 134, 77pp.*



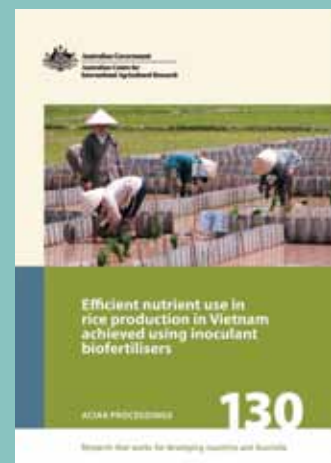
## PROCEEDINGS

• **Efficient nutrient use in rice production in Vietnam achieved using inoculant fertilisers**

A summary of research in Vietnam that showed the significant benefits provided by the biofertiliser BioGro on rice growth and yield. Technological aspects and commercial assessments of the application of BioGro are included. *I.R. Kennedy, A.T.M.A. Choudhury, M.L. Kecskés and M.T. Rose (eds) 2008, ACIAR Proceedings 130, 137 pp.*

• **Management of classical swine fever and foot-and-mouth disease in Lao PDR**

A compilation of research papers presented at a workshop in Vientiane on foot-and-mouth disease and classical swine fever, which continue to be a problem for livestock producers. The outcomes from collaborative research in Lao PDR were shared with partners from throughout South-East Asia, and scientists provided up-to-date information on the disease situation in their respective countries. *J.V. Conlan, S.D. Blacksell, C.J. Morrissy and A. Colling (eds) 2008, ACIAR Proceedings 128, 98 pp.*



## IMPACT ASSESSMENT SERIES

• **Two-stage grain drying in the Philippines** The study found that grain-drying technology was not adopted in the Philippines because the process was unprofitable for the small-scale operators that dominate the industry. It provides some very useful lessons for guiding future investments in research, in particular the need to take local industry and policy conditions into account when developing research activities. *A. Chupungco, E. Dumayas and J. Mullen, ACIAR Impact Assessment Series 59, 52 pp.*

• **Guidelines for assessing the impacts of ACIAR's research activities** A set of guidelines for all independent consultants to use as a basis for future assessments to ensure consistency in the methodological approaches used, the treatment of information collected and presentation of the results. *J. Davis, J. Gordon, D. Pearce and D. Templeton, ACIAR Impact Assessment Series 58, 76pp.*

• **Management of internal parasites in goats in the Philippines** In collaboration with Philippine and international organisations, ACIAR funded a program to develop a management package to effectively control internal parasites and enhance goat production. The study found, via an extensive survey of farmers and local extension groups, that the substantial adoption of changed management practices in the target regions continues to expand. The project has had a significant impact, providing an estimated \$66 million of welfare gains (net present value), a benefit:cost ratio of 10:1 and an internal rate of return of 25%. *N.D. Montes, N.R. Zapata Jr, A.M.P. Alo and J.D. Mullen, 2008, ACIAR Impact Assessment Series 57, 44pp.*

• **A review and impact assessment of ACIAR's fruit-fly research partnerships, 1984–2007** This review of the full set of 17 fruit-fly projects supported by ACIAR, with many partner organisations and countries, showed there has been a significant return on this substantial investment in R&D. The net present value of all benefits is estimated to be \$208.1 million, giving a benefit:cost ratio of over 5:1 and an internal rate of return of 33%. *B. Lindner and P. McLeod, 2008, ACIAR Impact Assessment Series 56, 164 pp.*

• **ACIAR fisheries projects in Indonesia: review and impact assessment** This study reviewed ACIAR-funded fisheries research in Indonesia and provides detailed studies of tuna capture fisheries and shrimp aquaculture. For captured fisheries management the share of returns attributed to ACIAR was assessed to be \$168 million, with a benefit:cost ratio of ACIAR and partner-invested funds of 179:1 and an internal rate of return of 210%. For shrimp aquaculture, the impact of the development of

effective technologies for pond remediation was found to be worth \$547 million, with a benefit:cost ratio of 52:1 and internal rate of return of 26%. *Greg Martin, 2008, ACIAR Impact Assessment Series 55, 76 pp.*

• **Impact of improved management of white grubs in peanut-cropping systems in India** This project looked at the problems caused by various species of white-grub pests in peanut production in India and Australia. Links with the non-government organisation Agricultural Man Ecology Foundation helped ensure adoption of the technology package in a target region of Raichur in India. The present value of the net benefits was estimated at \$6.1 million, with a benefit:cost ratio of 5.7:1 and an internal rate of return of 29%. *M. Monck and D. Pearce, 2008, ACIAR Impact Assessment Series 54, 31pp.*

## PROJECT FINAL REPORTS

### PNG AND PACIFIC

• **A sea cucumber fisheries management project in PNG: a project feasibility review to ACIAR** *Alistair McIlgorm, Bob Lindner and Jeff Kinch, ACIAR Final Report FIS/2002/110, www.aciar.gov.au/node/9702*

• **Genetic and morphological relationships of mud crabs, genus *Scylla*, from throughout the Indo-Pacific** *P. Keenan, D. Mann, S. Lavery and P. Davie, ACIAR Final Report FIS/1992/017, www.aciar.gov.au/publication/FR2008-39*

• **Horticulture industry development for market-remote communities: Cape York and Samoa** *R. Holmes, R. Goebel, P. Tuivavalagi, J. Daniells and M. Tinifu, ACIAR Final Report HORT/2001/023, www.aciar.gov.au/publication/FR2008-43*

• **Impacts of the policy and institutional environment on ACIAR research in the South Pacific** *B. Warner, E. Stephens and L. Davis, ACIAR Final Report PLIA/2005/150, www.aciar.gov.au/publication/FR2008-45*

### SOUTH-EAST ASIA

• **Improving smallholder crop-livestock systems in Eastern Indonesia** *N MacLeod, C. McDonald, J. Corfield, L. Wirajaswadi, R. Rahman, S. Bahar, N. Razak, K. Puspadi, Dahlanuddin, D. Sutaryono, R. Padjung, S. Saenong, L. Hadiawati, Sahardi, Mashur, and D. Proptomo, ACIAR Final Report LPS/2004/005, www.aciar.gov.au/publication/FR2008-40*

• **Impact of migration and off-farm employment on roles of women and appropriate technologies in Asian and Australian mixed farming systems** *T. R. Paris and F. Rola-Rubzen, ACIAR Final Report PLIA/2000/039, www.aciar.gov.au/publication/FR2008-42*

• **Enhancing project impact and science capability through ongoing evaluation**

*Steven Vallance, Nguyen Viet Hai and Ian Dreher, ACIAR Final Report PLIA/2002/103, www.aciar.gov.au/publication/FR2008-46*

### NORTH ASIA

• **Economic and policy constraints affecting the development of small-scale dairy farmers in Pakistan** *David Harris, ACIAR Final Report PLIA/2006/136, www.aciar.gov.au/publication/FR2008-47*

• **Increasing milk production from cattle in Tibet** *John Wilkins and John Piltz, ACIAR Final Report LPS/2002/104, www.aciar.gov.au/publication/FR2008-37*

• **Establishment of beef industries in additional red soils provinces in China** *R. A. Hunter, J. V. Nolan and N. D. MacLeod, ACIAR Final Report PLIA/2006/151, www.aciar.gov.au/publication/FR2008-41*

### SOUTHERN AFRICA

• **Developing profitable beef business systems for previously disadvantaged farmers in South Africa** *H. Burrow, E. Matjuda, P. Strydom, B. Nkhane Nengovhela, P. Madzivhandila, D. Motiang, G. Griffith and R. Clark, ACIAR Final Report LPS/1999/036, www.aciar.gov.au/publication/FR2008-44*

## ACIAR'S DISTRIBUTION POLICY

ACIAR provides complimentary copies of its publications to developing-country libraries, institutions, researchers and administrators with an involvement in agriculture, and to any scientist involved in an ACIAR project. For enquiries about complimentary copies, please contact ACIAR's Communications Unit, [comms@aciar.gov.au](mailto:comms@aciar.gov.au).

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Copies of most publications are available as free downloads from the ACIAR website, [www.aciar.gov.au](http://www.aciar.gov.au).

## NEW PROJECTS

AH/2003/008	Improved feeding systems for more efficient beef cattle production in Cambodia
AH/2006/159	Best practice health and husbandry of cattle and buffalo in Lao PDR
ASEM/2006/130	Enhancing production and marketing of maize and soybean in north-western Cambodia and production of summer crops in north-eastern Australia
ASEM/2007/096	The policy environment in Papua New Guinea and its impact on the adoption of the outputs of past ACIAR projects
CIM/2005/111	More effective water use by rainfed wheat in China and Australia
CIM/2007/120	Improving post-rainy sorghum varieties to meet the growing grain and fodder demand in India
CIM/2008/027	Development of conservation cropping systems in the drylands of northern Iraq
FIS/2007/116	Improving resilience and adaptive capacity of fisheries-dependent communities in Solomon Islands
FST/2004/057	Enhancing on-farm incomes through improved silvicultural management of teak and paper mulberry plantations in Luang Prabang Province, Lao PDR
LPS/2006/119	Integrated crop and dairy systems in Tibet Autonomous Region, PR China
ADP/2007/090	Scoping study on western China desertification
LWR/2008/015	Developing options to mainstream climate adaptation into farming systems in Cambodia, Laos, Bangladesh and India
AESM/2008/033	An assessment of the <i>Oribius</i> weevil outbreak in Papua New Guinea and its impact on coffee yield and productivity in Simbu and adjacent provinces
CIM/2007/122	Sustainable intensification of rice-maize production systems in Bangladesh