

Growing Lowland Rice A Production Handbook

Rainfed Rice
 Thailand, a Rice-growing Society
 RICE SCIENCE
 Water-wise Rice Production
 Rice Production Worldwide
 A Farmer's Primer on Growing Rice
 A Farmer's Primer on Growing Upland Rice
 Breeding Strategies for Rainfed Lowland Rice in Drought-prone Environments
 Progress in Rainfed Lowland Rice
 Upland Rice, Household Food Security, and Commercialization of Upland Agriculture in Vietnam
 Filling the World's Rice Bowl
 International Symposium on Technology for Double Cropping of Rice in the Tropics
 Classification and Management of Rice Growing Soils
 ORYZA2000
 Rainfed Lowland Rice Improvement
 Substituting for rice imports in Ghana
 Sustainable Crop Production
 Tropical Agriculture Research Series
 Lost Crops of Africa
 A Farmer's Primer on Growing Rice
 Upland Rice
 Rice in Laos
 White Gold: The Commercialisation of Rice Farming in the Lower Mekong Basin
 Rainfed Lowland Rice
 Major Research in Upland Rice
 Lowland Rice and Climate Change in Senegal (Casamance)
 Crop Production Levels and Fertilizer Use
 Principles and Practices of Rice Production
 Traditional Lowland Rice Agriculture in Sri Lanka
 Lowland Rice Growing Suggestions
 Guide to rice production in Borno State, Nigeria
 Rice
 Fundamentals of Rice Crop Science
 Terminology for Rice Growing Environments
 Nutrient Management in Rainfed Lowland Rice in the Lao PDR
 Water Table Control for Rice Production in Ghan
 Rice Improvement
 Rice Production in Cambodia
 Increased Lowland Rice Production in the Mekong Region

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NUNEZ ASIA

[Rainfed Rice](#) Springer Nature
 International networks; Varietal improvement; Soil, crop, and water management; Pest management; Technology transfer.
[Thailand, a Rice-growing Society](#) Int. Rice Res. Inst.
 These proceedings present the results of five years collaborative research involving scientists from Australia, Thailand and Lao PDR on the breeding of strategies for rainfed lowland rice in drought-prone environments.
[RICE SCIENCE](#) Int. Rice Res. Inst.
 "The objective of this book is to review the research that has been conducted on nutrient management of lowland rice in Laos from 1991 to 2000 and to present an integrated and sustainable nutrient management approach that is relevant to Lao farmers."--Page 1.
[Water-wise Rice Production](#) IRR
 An investigation has been undertaken to determine the consequence of using water table control for lowland rice production by growing rice varieties Azucena and IR36 in sand cores under a controlled environment in a series of experiments in which the water table was held at fixed levels. Each experiment had a duration of six weeks and in all, four treatments were used: (a) water table at a depth of 30 cm below the surface, (b) water table at

a depth of 15 cm below the surface, (c) saturated sand and (c) flooded sand

Rice Production Worldwide Asian and Pacific Region

Principles and Practices of Rice Production Int. Rice Res. Inst. Rainfed Lowland Rice Improvement Int. Rice Res. Inst.

[A Farmer's Primer on Growing Rice](#) Int. Rice Res. Inst.

Upland rice distribution; Climate; Landscape and soils; Cropping systems; Varietal improvement; Soil management; Land preparation and crop establishment; Farm equipment; Weed management; Disease management; Insect pest management; Economics of upland rice production.

[A Farmer's Primer on Growing Upland Rice](#) Int. Rice Res. Inst.

This book includes twenty-one comprehensive chapters addressing various soil and crop management issues, including modern techniques in enhancing crop production in the era of climate change. There are a few case studies and experimental evidence about these production systems in specific locations. Particular focus is provided on the state-of-the-art of biotechnology, nanotechnology, and precision agriculture, as well as many other recent approaches in ensuring sustainable crop production. This book is useful for undergraduate and graduate students, teachers, and researchers, particularly in the fields of crop science, soil science, and agronomy.

[Breeding Strategies for Rainfed Lowland Rice in Drought-prone Environments](#) Int. Rice Res. Inst.

Scenes of starvation have drawn the world's attention to Africa's agricultural and environmental crisis. Some observers question whether this continent can ever hope to feed its growing population. Yet there is an overlooked food resource in sub-Saharan Africa that has vast potential: native

food plants. Africa has more than 2,000 native grains and fruits--"lost" species due for rediscovery and exploitation. This volume focuses on native cereals, presenting information on where and how they are grown, harvested, and processed, their benefits and limitations as a food source, and the futures of each grain.

Progress in Rainfed Lowland Rice DIANE Publishing

Upland rice plant types; Life cycle of the rice plant; Seeds; Factors that affect seedling growth; What is a good seedling; How to grow good seedlings; Leaves; Roots; Tillers; Panicles; Dormancy; Fertilizers; How much nitrogen to apply; How to increase the efficiency of nitrogen fertilizer; Other fertilizers and organic matter; Carbohydrate production; Water; Yield components; Plant type with good yield potential; Factors that affect lodging; Land conservation and crop management; Weeds; Control of weeds; Herbicides; Major diseases; Major soil-borne insect pests; Major insect pests during vegetative phase; Major insect pests during reproductive phase; Other pests; Soil problems; Hot to judge a rice crop at flowering; Harvest and postharvest; Cropping systems.

Upland Rice, Household Food Security, and Commercialization of Upland Agriculture in Vietnam Int. Rice Res. Inst.

Fertilizer in crop production; Relationship between crop production, crop yield and fertilizer use; Yield response to fertilizer; Economics of fertilizer use; Government programmes and policies affecting fertilizer use.

Filling the World's Rice Bowl Int. Rice Res. Inst.

This book is aimed at providing a comprehensive text on rice cultivation/production with major emphasis on rice based integrated farming system models, organic farming aspects, alternate cropping, new techniques like SRI, role of biotechnology etc., in an easily understandable manner. This book will also help to enrich the knowledge of young researchers in various fields of agriculture and in particular, agronomy, as well as to the teachers and researchers of the Agricultural Universities/Research Organisations.

International Symposium on Technology for Double Cropping of Rice in the Tropics Int. Rice Res. Inst.

As rice imports surge ahead of production in Ghana, increasing rice production and yields has become a priority. Annual per capita consumption of rice in Ghana grew from 17.5 kg during 1999-2001 to 24 kg during 2010-2011. President Mahama, concerned with rising importation costs, suggested that rice should be produced locally (Asare-Boadi & Syme 2014). As only 5 percent of global production is traded, local production would also protect consumers from price shocks in the world rice market (World Bank 2013). While substantial investments in national rice production have been made, local production is still not able to keep up with growing demand for rice in Ghana.

Classification and Management of Rice Growing Soils LAP Lambert Academic Publishing

Upland rice around the world. Climate of upland rice regions. Soils on which upland rice is grown. Growth-limiting factors of aerobic soils. Factors that limit the growth and yields of upland rice. Varietal diversity and morpho-agronomic characteristics of upland rice. Agronomic traits needed in upland rice varieties. Drought tolerance in upland rice. Control of upland rice insects through varietal resistance. Diseases of upland rice and their control through varietal resistance. Varietal resistance to adverse chemical environments of upland rice soils. Breeding methods for upland rice. Cultural practices for upland rice. Studies on insect pests of upland rice. Pesticide residue in upland rice soil. Mineral microbial transformations in upland rice soil. Future emphasis on upland rice.

ORYZA2000 IITA

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Growth and development of the rice plant. Climatic environments and its influence. Mineral nutrition of rice. Nutritional disorders. Photosynthesis and respiration. Rice plant characters in relation to yielding ability. Physiological analysis of rice yield.

Rainfed Lowland Rice Improvement Honolulu : University Press of Hawaii

Rice growing soils: constraints, utilization and research needs; Rice soils of Asia: distribution and management; Classification of rice growing soils; Rice soils of Japan; Rice soils of Sri Lanka; Process of padification in Korea; Fertility management of rice soils in R.O.C. on Taiwan; Fertility capability classification of Taiwan soils; Constraints to the use of rice soils for upland crops in R.O.C. on Taiwan, with particular reference to corn; The soil taxonomy system: important rice soils of Asia.

Substituting for rice imports in Ghana Int. Rice Res. Inst.

These proceedings report the outcome of an international workshop held in Vientiane, Laos, between 30th October and 2nd November 2000 to coincide with the beginning of a new ACIAR project, Increased productivity of rice-based cropping systems in Lao PDR, Cambodia and Australia.

Sustainable Crop Production Intl Food Policy Res Inst

The plant; Farm management; Farm analysis and improvement.

Tropical Agriculture Research Series Int. Rice Res. Inst.

This open access book is about understanding the processes involved in the transformation of smallholder rice farming in the Lower Mekong Basin from a low-yielding subsistence activity to one producing the surpluses needed for national self-sufficiency and a high-value export industry. For centuries, farmers in the Basin have regarded rice as "white gold", reflecting its centrality to their food security and well-being. In the past four decades, rice has also become a commercial crop of great importance to Mekong farmers, augmenting but not replacing its role in securing their subsistence. This book is based on collaborative research to (a) compare the current situation and trajectories of rice farmers within and between different regions of the Lower Mekong, (b) explore the value chains linking rice farmers with new technologies and input and output markets within and across national borders, and (c) understand the changing role of government policies in facilitating the on-going evolution of commercial rice farming. An introductory section places the research in geographical and historical context. Four major sections deal in turn with studies of rice farming, value chains, and policies in Northeast Thailand, Central Laos, Southeastern Cambodia, and the Mekong Delta. The final section examines the implications for rice policy in the region as a whole.

Lost Crops of Africa IRRI

Rice in the Cambodian economy: past and present; Topography, climate, and rice production; Soils and rice; Rice-based farming systems; Rice ecosystems and varieties; Pest management in rice; Farm mechanization; Capture and culture ricefield fisheries in Cambodia; Constraints to rice production and strategies for improvement.

A Farmer's Primer on Growing Rice BoD - Books on Demand

Life cycle of the rice plant; The seed; Seedling growth; How to select good seedlings; Transplanting; The leaves; The roots; The tillers; The panicle; Dormancy; Fertilizers; How much nitrogen to apply; How to increase the efficiency of nitrogen fertilizer; Why more nitrogen fertilizer is applied during the dry season; Carbohydrates production; Water; Yield components; Plant type of a lowland rice variety with high grain potential; Factors affecting lodging; Weeds; Control of weeds; Herbicides; How to judge a rice crop at flowering.