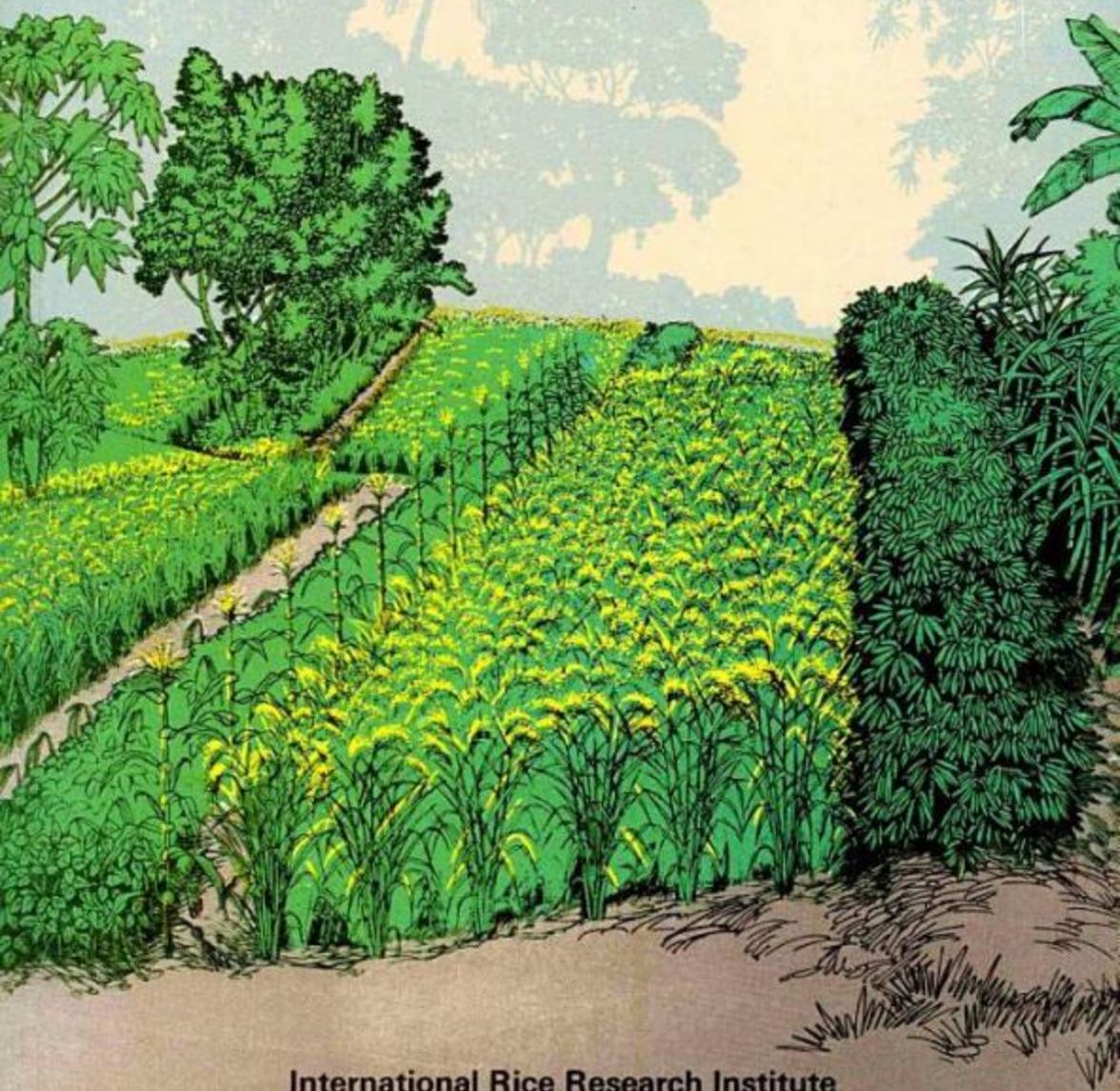


A Farmer's Primer on Growing Upland Rice

M.A. Arraudeau and B.S. Vergara



International Rice Research Institute
and
French Institute for Tropical Food Crops Research (IRAT)

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and
French Institute for Tropical Food Crops Research (IRAT)**

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Los Baños, Laguna, Philippines
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Foreword

Upland or dryland rice covers nearly 20 million hectares worldwide. It is usually grown by the most underprivileged rice farmers under adverse and risky conditions. Yields are low, averaging about 1 ton per hectare. Scientists and extension workers have demonstrated in many countries, however, that improved cropping systems and practices can be combined with higher-yielding varieties to achieve a stable 2 tons per hectare under various ecosystems.

But the dearth of literature on upland rice farming means that extension workers lack the background to guide farmers, who in turn lack the technical knowledge to use existing cultural practices efficiently to minimize cash inputs and maximize returns.

A Farmer's Primer on Growing Upland Rice is part of a global upland rice strategy to train extension workers and help farmers. Students and scientists will also find advice and guidelines for their own programs and projects in the book.

The book is patterned after the widely known *A Farmer's Primer on Growing Rice*, which the International Rice Research Institute (IRRI) released in 1979. Modifications have been made to meet the needs of upland rice growers, and additional information on diseases, pests, and cropping systems of upland rice has been added.

This new primer was written by M.A. Arraudeau, a visiting IRRI plant breeder from the Institut de Recherches Agronomiques Tropicales, Centre International de Recherche Agronomique pour le Developpement, France, in collaboration with B.S. Vergara of IRRI, who wrote the original *Farmer's Primer*.

Like the original primer, which had been published in 35 languages by mid-1988, this book is designed for inexpensive copublication in developing countries. The English text has been blocked off from the line drawings. IRRI makes complimentary sets of the illustrations available to cooperators, who may translate, strip text onto the drawings, and print translated editions on local presses.

The volume was edited by Stephen J. Banta with the assistance of Gloria Argosino. The art was prepared by John Figarola, Gladys Balacuit, Oscar Figuracion, Arturo Ortega, and Ed Delfino.

Klaus Lampe
Director General

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Upland rice plant types

- Tall, traditional upland variety **3**
- Intermediate-statured plant type **4**
- Aus type from the Indian subcontinent **5**
- Modern plant type **6**