



Handbook on Upland Rice Cultivation



*Capacity Building Project
for the Implementation of the Executive Programme
for the Agricultural Revival*

Akio GOTO
JICA Expert

Introduction

Rice is new crop for farmers in Sudan, but it is sure that farmers can obtain not only profit through cultivating it but also opportunity to eat healthy food by cooking it. Rice is new crop. Therefore, there is not enough information on cultivating it. There are also not enough extensionists who have knowledge, techniques and experiences on rice cultivation. Meanwhile, there are enormous accumulations of knowledge and techniques on rice cultivation in the world. Sudan is the huge country and has different environmental conditions on soil, climate, and so on. However, the fundamental rice cultivation knowledge and techniques can be utilized to most of the field in Sudan. This hand book provides the fundamental knowledge and techniques on rice cultivation in Sudan. The Project believes that farmers realize high yield and obtain profit with support of skilled extensionists by utilizing this book. Extensionists must improve and increase their techniques and experiences on rice cultivation for farmers continuously.

Understanding without practice produces nothing at all !

Table of Contents

● Important Technical Points on Upland Rice Cultivation before Postharvest.....	2
● Rice growth stage.....	3
● General Cropping Calendar for Upland Rice.....	4
● Using pure seed.....	5
● Good land preparation (Leveling).....	10
● Fertilizer application.....	17
● Proper sowing operation.....	18
● Sowing at optimum time.....	23
● Effective weed control.....	27
● Appropriate irrigation.....	40
● Harvesting at proper time.....	48
● Additional information.....	50