

FARM MECHANIZATION PLANNING

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TSUKUBA INTERNATIONAL CENTRE

JAPAN INTERNATIONAL COOPERATION AGENCY

PREFACE

TSUKUBA INTERNATIONAL CENTRE of JICA had opened the new course named as [Agricultural Mechanization for Sustainable Farming System] in 2002.

The Agricultural Mechanization for Sustainable Farming System Course was designed to systematically introduce scientific knowledge and technology on farm mechanization (such as effective selection, introduction and utilization of farm machinery), and to plan the appropriate farm work system for each country.

Farm mechanization planning is one of the most important and basic lectures in this course.

Therefor, this textbook was edited for understanding of following items:

1. Farm work series of rice cultivation
2. Farm machinery abilities
3. Cost analysis
4. Planning of the optimal farm work system

from the view point of farm mechanization for sustainable farming system.

Advanced technology of planning will be introduced at another textbook of [Systems Engineering in Agriculture].

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