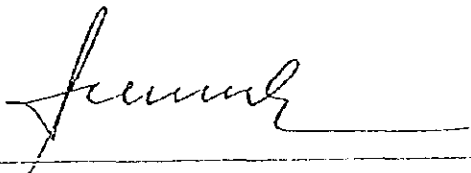


添付資料

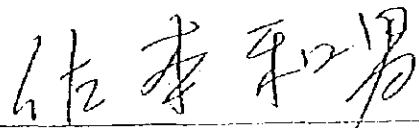
SCOPE OF WORK
FOR
THE STUDY
ON
THE IMPROVEMENT IN QUALITY OF THE TROPICAL FRUITS
IN
INDONESIA

AGREED UPON
BETWEEN
THE DIRECTORATE GENERAL OF FOOD CROPS AND HORTICULTURE
MINISTRY OF AGRICULTURE
THE REPUBLIC OF INDONESIA
AND
JAPAN INTERNATIONAL COOPERATION AGENCY

Jakarta, March 20, 1997



for Mr. Amrin Kahar
Director General of Food Crops and Horticulture,
Ministry of Agriculture



Mr. Kazuo SAMOTO
Leader of Preparatory Study Team,
Japan International Cooperation Agency

I. INTRODUCTION

In response to the request of the Government of the Republic of Indonesia (hereinafter referred to as "GOI"), the Government of Japan (hereinafter referred to as "GOJ") has decided to conduct the Study on the improvement in quality of the tropical fruits in the Republic of Indonesia (hereinafter referred to as "the Study"), in accordance with the relevant laws and regulations in force in Japan.

Accordingly, Japan International Cooperation Agency (hereinafter referred to as "JICA"), the official agency responsible for the implementation of the technical cooperation programs of the GOJ, will undertake the Study in close cooperation with the authorities concerned of the GOI.

The present document sets forth the Scope of Work with regard to the Study.

II. OBJECTIVES OF THE STUDY

The objectives of the Study are;

1. to prepare a Master Plan for each four provinces to increase in small scale farmers' income through improvement in quality of the target tropical fruits correspond to need for supply for domestic and international market, and
2. to carry out, in the course of the Study, technology transfer to the Indonesian counterpart personnel concerned.

III. STUDY AREA and TARGET TROPICAL FRUITS

The Study covers some 238,000km² located in four provinces and nine target tropical fruits as follows (See location map attached as ANNEX I, and list of the relation between each target tropical fruits and provinces as ANNEX II);

- North Sumatera province : Durian, Marquisa, Mangosteen, Salak, Rambutan
- West Java province : Durian, Mango, Avocado, Duku, Mangosteen, Salak
- East Java province : Durian, Mango, Avocado, Duku, Salak, Banana
- South Sulawesi province : Marquisa, Mango, Avocado, Mangosteen, Rambutan

IV. SCOPE OF THE STUDY

In order to achieve the above objectives, the Study will consist of field work in Indonesia and home work in Japan.

1. Field work in Indonesia.

1-1. To collect and review ;

- relevant data and information on the past activities of the Directorate General of Food Crops and Horticulture (hereinafter referred as to DGFCH) and other relevant organizations.
- relevant plan and projects including OECF project (Integrate Horticulture Development in Upland Areas, IHDUP).

1-2. To conduct field survey and investigation on following items,

(1) natural condition including,

- location, area and topography
- meteorology and hydrology
- geology
- soils
- vegetation
- others

(2) socio-economic condition including,

- economic indices
- social infrastructure
- demographic condition
- national and regional development plan
- gender
- others

(3) agricultural condition including,

- seedling preparation and distribution system
- present land use
- farming practices
- research activities
- supporting services
- agricultural economy
- post-harvest and processing system
- marketing system and analysis
- agro-infrastructure and maintenance
- farmers' organization
- others including agro-industry (home-industry)

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(4) rural infrastructure (farm road, etc.)

(5) environmental condition

1-3. To assess and analyze collected data and information.

1-4. To identify major constraints and development potential.

1-5. To prepare a Master Plan on the improvement in quality of the tropical fruits for each four provinces considering the DGFCH and other related organizations' activities in future. The plan shall include the results of selection and prioritization of potential area(s) with following items,

(1) improvement plan for preparation, production technology and distribution system of seedling,

(2) improvement plan for farming practices,

(3) improvement plan for post harvest and marketing system.

2. Home work in Japan

To make the Draft Final Reports and Final Reports considering some comments from Indonesia side.

V. STUDY SCHEDULE

The Study will be carried out in accordance with the attached tentative schedule. (See ANNEX III)

VI. REPORTS

JICA shall prepare and submit the following reports in English to the Government of Indonesia.

1. Inception Report

Forty (40) copies at the commencement of the field study in Indonesia.

2. Interim Report

Forty (40) copies at the halfway of the field study in Indonesia.

3. Progress Report

Forty (40) copies at the end of the field study in Indonesia.

4. Draft Final Report

Forty (40) copies after the end of the home office work in Japan. The Government of Indonesia will provide JICA with its comments on the Draft Final Report within one (1) month after receipt of the Draft Final Report.

5. Final Report

Sixty (60) copies within two (2) months after receipt of the Government of Indonesia's comments on the Draft Final Report.

VII. UNDERTAKING OF THE GOVERNMENT OF INDONESIA

1. To facilitate smooth conduct of the study, the Government of Indonesia shall take necessary measures ;
 - 1-1. to secure the safety of the Japanese study team,
 - 1-2. to permit the members of the Japanese study team to enter, leave and sojourn in the Republic of Indonesia for the duration of their assignment therein, and exempt them from foreign registration requirements and consular fees,
 - 1-3. to exempt the members of the Japanese study team from taxes, duties, fees and any other charges on equipment, machinery and other materials brought into the Republic of Indonesia for the conduct of the Study,
 - 1-4. to exempt the members of the Japanese study team from income tax and charges of any kind imposed on or in connection with any emoluments or allowances paid to the members of the Japanese study team for their services in connection with the implementation of the Study,
 - 1-5. to provide necessary facilities to the Japanese study team for the remittance as well as utilization of the funds introduced into the Republic of Indonesia from Japan in connection with the implementation of the Study,
 - 1-6. to secure permission for entry into private properties or restricted areas for the implementation of the Study,
 - 1-7. to secure permission for the Japanese study team to take all data and documents (including photographs and maps) related to the Study out of the Republic of Indonesia to Japan and
 - 1-8. to provide medical services as needed. Its expense will be chargeable on the members of the Japanese study team.

2. The Government of Indonesia shall bear claims, if any arises, against the members of the Japanese study team resulting from, occurring in the course of, or otherwise connected with, the discharge of their duties in the implementation of the Study, except when such claims arise from gross negligence or willful misconduct on the part of the members of the Japanese study team.

3. DGFCH, Ministry of Agriculture (MOA) shall act as counterpart agencies to the Japanese Study Team and also as the coordinating body in relation with other governmental organizations and non-governmental organizations concerned for smooth implementation of the Study.
4. DGFCH shall, at it's own expenses, provide the Japanese study team with the following, in cooperation with other organizations concerned ;
 - 4-1. available data and information related to the Study,
 - 4-2. counterpart personnel,
 - 4-3. suitable office spaces with necessary equipment and furniture in Jakarta and study sites,
 - 4-4. credentials or identification cards, and

VIII. UNDERTAKING OF JICA

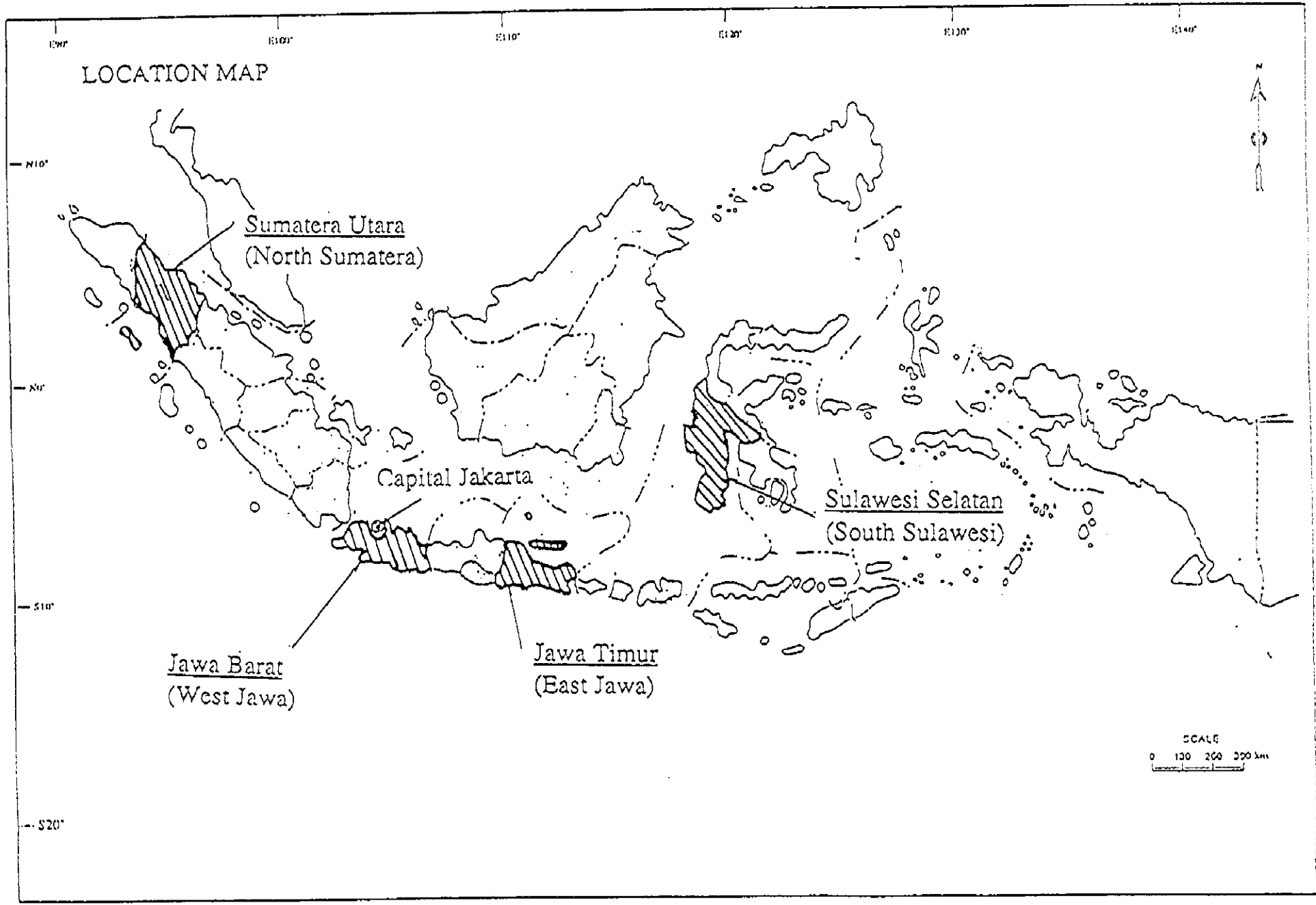
For the implementation of the Study, JICA shall take the following measures ;

1. to dispatch, at its own expense, study team to the Republic of Indonesia, and
2. to pursue technology transfer to the Indonesian counterpart personnel in the course of the Study.

IX. CONSULTATION

JICA and DGFCH shall consult with each other in respect of any matter that may arise from or in connection with the Study.

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ANNEX I

ANNEX II

THE RELATION BETWEEN EACH TARGET FRUITS AND PROVINCE

Fruits	Province			
	North Sumatera	West Java	East Java	South Sulawesi
Durian	○	○	○	
Marquisa	○			○
Mango		○	○	○
Avocado		○	○	○
Duku		○	○	
Mangosteen	○	○		○
Salak	○	○	○	
Rambutan	○			○
Banana			○	

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TENTATIVE SCHEDULE

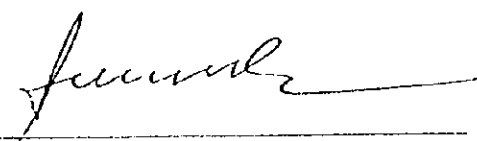
Month \ Item	1	2	3	4	5	6	7	8	9	10	11	12	
Work in Indonesia	■								■				
Work in Japan	■				■			■					
Reports	△ Ic/R				△ Ic/R			△ P/R	△ Df/R			△ F/R	

Ic/R : Inception Report, Ic/R : Interim Report, P/R : Progress Report,
Df/R : Draft Final Report, F/R : Final Report

MINUTES OF MEETING
ON
SCOPE OF WORK
FOR
THE STUDY
ON
THE IMPROVEMENT IN QUALITY OF THE TROPICAL FRUITS
IN
INDONESIA

AGREED UPON
BETWEEN
THE DIRECTORATE GENERAL OF FOOD CROPS AND HORTICULTURE
MINISTRY OF AGRICULTURE
THE REPUBLIC OF INDONESIA
AND
JAPAN INTERNATIONAL COOPERATION AGENCY

Jakarta, March 20, 1997



for Mr. Amrin Kahar
Director General of Food Crops and Horticulture,
Ministry of Agriculture



Mr. Kazuo SAMOTO
Leader of Preparatory Study Team,
Japan International Cooperation Agency

The preparatory study team (hereinafter referred to as "the Team") organized by the Japan International Cooperation Agency (hereinafter referred to as "JICA"), and headed by Mr. Kazuo SAMOTO, visited the Republic of Indonesia March 9 to 26, 1997 for the purpose of discussing and confirming the Scope of Work for the Study on Improvement in quality of the tropical fruits in the Republic of Indonesia (hereinafter referred to as "the Study")

The Team had a series of discussions with the officials concerned at Directorate General of Food Crops and Horticulture (hereinafter referred to as "DGFCH") and other organizations on the Scope of Work. The list of participants in the meetings is attached in the ANNEX I.

As the result of the discussions, the Team and DGFCH agreed on the Scope of Work.

The following are main issues discussed and agreed upon by both sides in relation to the Scope of Work for the Study.

1. Both sides agreed that the Study would cover the following target tropical fruits in each four provinces.
 - North Sumatera : Durian, Marquisa, Mangosteen, Salak, Rambutan
 - West Java : Durian, Mango, Avocado, Duku, Mangosteen, Salak
 - East Java : Durian, Mango, Avocado, Duku, Salak, Banana
 - South Sulawesi : Marquisa, Mango, Avocado, Mangosteen, Rambutan
2. The Team requested that counterpart personnel to the Japanese study team, necessary for smooth and effective implementation of the Study, be assigned in Jakarta and each four provinces. DGFCH agreed with the idea and promised to be responsible for the request.
3. The Team suggested that a Steering Committee (hereinafter referred to as "the Committee") for the smooth and effective implementation of the Study, be organized by relevant departments and organizations of the GOI, and be held at least three times on Inception Report, Interim Report, Draft Final Report. DGFCH agreed with the idea and promised to organize the Committee as ANNEX II.
4. DGFCH requested counterpart training in Japan. The Team promised to convey its request to the JICA headquarters in Tokyo.
5. DGFCH requested to hold the workshop which explains the results of the Study.
6. DGFCH shall provide offices for the Japanese study team equipped with telephone(s) of communication facilities, electricity, water supply and necessary number of desks and chairs will be provided in Jakarta and four provinces.
7. DGFCH requested that the following equipment necessary for the Study be arranged by JICA. The Team promised to convey its request to the JICA headquarters in Tokyo.
 - vehicle(s) with driver(s)
8. The Team agreed forty copies of the Inception Report, Interim Report, Progress Report, Draft Final Report will be submitted to DGFCH.
9. DGFCH agreed that the Final Report would be available to any person who is interested in the Study.

LIST OF PARTICIPANTS

[Directorate General of Food Crops and Horticulture (DGFCH), MOA (HDQ in Jakarta)]

1. Mr. Amrin Kahar Director General of Food Crops and Horticulture
2. Ir. Soemitro Ariantadisastra, Ph.D. Director of Planning and Programming, DGFCH
3. Mr. Muhamad Sidik M.Sc. Secretary to the DGFCH
4. Dr. Ir. Edward Napitupulu Head of Sub-Directorate of Foreign Cooperation
5. Dr. Nyoman Oka Tridjaja Head of Sub-Directorate of Farm Business & Processing for Horticulture
6. Mr. Suroto Head of Sub-Directorate of Horticulture Seed, DGFCH
7. Mr. Achmad Fuadi Head of Section of Preparation for Foreign Cooperation, DGFCH
8. Mr. Muhammad Staff, Directorate of Seed Development
9. Mr. Rusli Hukum Staff, Directorate of Horticulture Production Development
10. Mrs. Ari Staff, Directorate of Horticulture Production Development
11. Mr. Widjatmiko Staff, Directorate of Planning and Programming, DGFCH
12. Mrs. Wijayanti Staff, Directorate of Planning and Programming, DGFCH

13. Mr. Naotoshi Kakiya Senior Advisor of the DGFCH, JICA Expert
14. Mr. Hajime Nakahigashi Advisor to the DGFCH, JICA Expert
15. Mr. Y. Sugii JICA Expert to the DGFCH

[The Preparatory Study Team, Japan International Cooperation Agency (JICA)]

1. Mr. Kazuo Samoto Team Leader
2. Mr. Kazuyuki Abe Fruit Cropping
3. Mr. Katsuhisa Suzuki Post-harvesting & Marketing
4. Mr. Tetsuya Kihira Marketing Analysis
5. Mr. Makoto Takahashi Coordinator


[JICA Jakarta Office]

1. Mr. Masahiro Tawa Assistant Resident Representative

**MINUTES OF DISCUSSION
ON
INCEPTION REPORT
FOR
STUDY
ON
THE IMPROVEMENT IN QUALITY OF THE TROPICAL FRUITS
IN
INDONESIA**

**AGREED UPON
BETWEEN
THE DIRECTORATE GENERAL OF FOOD CROPS AND HORTICULTURE
MINISTRY OF AGRICULTURE
THE REPUBLIC OF INDONESIA
AND
JAPAN INTERNATIONAL COOPERATION AGENCY**

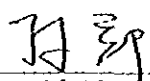
Jakarta, July 28, 1997



Mr. Amrin Kahar
Director General of Food Crops and Horticulture,
Ministry of Agriculture



Mr. Yutaka Matsumoto
Leader of Study Team
Japan International Cooperation Agency



Dr. Kazuyuki Abe
Leader of Advisory Team
Japan International Cooperation Agency

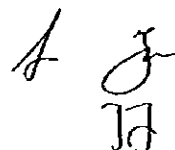
The advisory team headed by Dr. Kazuyuki Abe and the study team (hereinafter referred to as "the Team") headed by Mr. Yutaka Matsumoto, both organized by the Japan International Cooperation Agency (hereinafter referred to as "JICA"), visited the Republic of Indonesia on July 21 to 29, 1997 for the purpose of making presentation and discussion about the contents of the Inception Report on "Improvement in Quality of the Tropical Fruits in the Republic of Indonesia" (hereinafter referred to as "the Study).

The Team had a series of discussions with the officials concerned at Directorate General of Food Crops and Horticulture (hereinafter to as "DGFCH") of the Ministry of Agriculture and other organizations on the plan of operation presented in the Inception Report. The list of participants in the meetings is attached in the ANNEX-1.

As the result of the discussions, the Team and DGFCH agreed on the basic approach, plan of operation and work schedule of the Study.

The following are main issues discussed and agreed upon by both sides in relation to the focal points of the Study.

1. The Team will pay its special attention to the following points, as mentioned in the Inception Report, in the course of the Study on order to formulate practical action programs :
 - BAPPENAS's mainconcern about how to establish fruit industry from upstream of downstream in line with the Government's concepts of agri-business development;
 - Prevailing condition of fruit nurseries operated by both public and private sectors;
 - Registration and maintenance system of mother plants;
 - Current seedling production system of BBI and BBU;
 - Selection of potential and priority locations in each Province;
 - Establishment of fruit orchard (fruit producing area) coupled with small land ownership and farmer's willingness to participation into market-oriented fruit commodity development activities;
 - Organization of participatory farmers;
 - Transfer of technology in the field of processing and post-harvest; and
 - Quality standard in relation to preference of markets and consumers.
2. The Team will prepare questionnaire form for data an information collection matching with the capacity of local government's staff.



LIST OF PARTICIPANTS

Directorate General of Food Crops and Horticulture (DGFCH), MOA

- | | | |
|-----|---------------------------|---|
| 1. | Mr. Muhammad Sidik M. Sc. | Secretary to the DGFCH |
| 2. | Mr. M. Munawir | Director of Seed Production |
| 3. | Dr. Ir. Edward Napitupulu | Head of Sub-Directorate of Foreign Cooperation |
| 4. | Mr. Winny D. Wibawa | Head of Sub-Directorate of Fruit Production, DGFCH |
| 5. | Mr. Achmad Fuadi | Head of Section of Preparation for Foreign Cooperation, DGFCH |
| 6. | Mr. Samad Siam | Sub-Directorate of Farm Business and Processing |
| 7. | Mr. Muhammad | Staff, Directorate of Seed Development |
| 8. | Mr. Bambang Budhianto | Staff, Directorate of Seed Production |
| 9. | Mr. Yul H. Bahar | Staff, Directorate of Planning and Programming, DGFCH |
| 10. | Mr. Naotoshi Kakiya | JICA Expert Senior Advisor for Integrated Agriculture and Rural Development, Bureau of Foreign Cooperation, MOA |
| 11. | Mr. Hajime Nakahigashi | JICA Expert Advisor for Integrated Agriculture and Rural Development, Bureau of Foreign Cooperation, MOA |
| 12. | Mr. Y. Sugii | JICA Expert to the DGFCH |

The Advisory Team, Japan International Cooperation Agency (JICA)

- | | | |
|----|------------------------|-------------|
| 1. | Dr. Kazuyuki Abe | Team Leader |
| 2. | Mr. Shinjiro Amameishi | Coordinator |

JICA Indonesia Office

- | | | |
|----|---------------|-----------------------------------|
| 1. | Mr. Eiji Inui | Assistant Resident Representative |
|----|---------------|-----------------------------------|

JICA Study Team

- | | | |
|----|-----------------------|------------------------------|
| 1. | Mr. Yutaka Matsumoto | Team Leader |
| 2. | Mr. Fumihiko Furuichi | Co-Team Leader, Farm Economy |
| 3. | Dr. Hiroshi Daito | Seedling Production |
| 4. | Mr. Takeshi Saito | Post-harvest and Marketing |



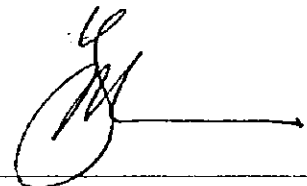
MINUTES OF DISCUSSION
ON
INTERIM REPORT
FOR
THE STUDY
ON
THE IMPROVEMENT IN QUALITY OF THE TROPICAL FRUITS

AGREED UPON
BETWEEN
THE DIRECTORATE GENERAL OF FOOD CROPS AND HORTICULTURE
MINISTRY OF AGRICULTURE
THE REPUBLIC OF INDONESIA
AND
JAPAN INTERNATIONAL COOPERATION AGENCY

Jakarta, November 26, 1997




Dr. Ir. Chairil A. Rasahan, MSc
Director General of Food Crops and Horticulture
Ministry of Agriculture



Mr. Yutaka Matsumoto
Team Leader
Japan International Cooperation Agency



Mr. Jun Shimada
Leader of Advisory Team
Japan International Cooperation Agency



The Advisory Team headed by Mr. Jun Shimada and the Study Team (hereinafter referred to as "the Team") headed by Mr. Yutaka Matsumoto, both organized by the Japan International Cooperation Agency (hereinafter referred to as "JICA"), visited the Republic of Indonesia on November 19, 1997 for the purpose of making presentation and discussion about the contents of the Interim Report on "Improvement in Quality of the Tropical Fruits" (hereinafter referred to as "the Study").

In the meeting held at the Directorate General of Food Crops and Horticulture (hereinafter referred to as "DGFCH") of the Ministry of Agriculture on November 25, 1997, the Team had a series of discussions with the officials concerned of the DGFCH and other organizations about the basic plan of horticulture development in four Provinces; namely, North Sumatra, West Java, East Java and South Sulawesi, presented in the Interim Report. This meeting was chaired by Dr. Ir. Tom Edward M. Napitupulu, Director of Programming and Planning of the DGFCH. The list of participants in the meeting is attached as ANNEX-1.

As the result of the discussions, the Team and the DGFCH agreed on the basic plan of horticulture development in four Provinces and work schedule of the Phase-II of the Study.

The followings are focal points discussed and agreed upon by both sides :

1. The Team will pay its further attention to comments and suggestions given by Indonesian side and itemized below, in formulating a comprehensive horticulture development plan in the course of the Phase-II of the Study :
 - a. Seedlings : For introduction of new fruit varieties from abroad, attention needs to be paid to Indonesia's plant quarantine system, legal regulation and plant genetic resources. The on-going mother plant inventory by the Directorate of Seed Production is to be referred to the Study. Special consideration is required for strengthening the existing seed production and certification systems;
 - b. Farm Management : Because of importance of water supply to orchard, practical system of watering is to be examined in the Study . Shifting from fruit gardening to orchard is indispensable for horticulture development, but application of an effective method to consolidate small land pieces into one large lot is very difficult especially in Java. Taking such prevailing land resources situation into account, therefore, practical land consolidation need to be considered;
 - c. Post-harvest Handling : Attractiveness of packaging system needs to be considered;
 - d. Marketing : Special consideration is taken into account for developing market channel of quality fruits to fulfill the downstream demand including five stars hotels, restaurants, fruit shops, and so on;
 - e. Farmers Organization and Human Resources Development : As establishment of fruit growers association is the key for orchard development in Indonesia, details of its process

and function need to be included into the final development plan. Attention is paid to capability building of extension workers coupled with utilization of NGO due to lack of resource persons with overall knowledge of fruit growing to marketing; and

f. Orchard Development and Quality improvement Plan : Formulation of the future development programs need to focus upon prioritization of target fruits and potential areas in four Provinces. In this regard, inter-ministry coordination and on-going agri-business development projects have to be taken into consideration.

2. The Team will make the next presentation concerning an outline of comprehensive development plan at the end of January 1998 to invite your comments before starting preparation of the Draft Final Report in Japan.

ANNEX-1

LIST OF PARTICIPANTS

Indonesian Side

1. Dr. Ir. Tom Edward M. Napitupulu Director, Directorate of Planning and Programming, Directorate General of Food Crops and Horticulture (DGFCH), Ministry of Agriculture (MOA)
2. Dr. Gellwynn Yusuf Bureau of Agriculture and Forestry, National Development Planning Board (BAPPENAS)
3. Anwar Sunari Bureau of Agriculture and Forestry, BAPPENAS
4. Adib Busro Directorate General of Agriculture and Forestry Product, Ministry of Industry and Trade
5. I Wayan Sidhya Bureau of Planning, Secretariat General, MOA
6. Yandri Bureau of Foreign Cooperation, Secretariat General, MOA
7. Zahron Helmy Agricultural Extension Center, Secretariat General, MOA
8. Robert Sibarani Agency for Agribusiness, MOA
9. Supriyadi Agency for Agricultural Research and Development (AARD), MOA
10. Dr. Prabowo T. Center for Horticulture Research and development, AARD
11. Rusli Hukum Directorate of Horticulture Production, DGFCH
12. Soeroto Directorate of Seed Development, DGFCH
13. Muhammad Directorate of Seed Development, DGFCH
14. Kismosatmoro Directorate of Farm Business and Product Processing Development, DGFCH
15. Sidik Rosyadi Directorate of Planning and Programming, DGFCH
16. Supriyadi Directorate of Planning and Programming, DGFCH
17. Ronizon Ali Directorate of Planning and Programming, DGFCH
18. Agus Wediyanto Directorate of Planning and Programming, DGFCH
19. Hilma Maizir Directorate of Planning and Programming, DGFCH
20. Kumia Nur Directorate of Planning and Programming, DGFCH
21. Yenny NS Directorate of Planning and Programming, DGFCH
22. Sri Wijayanti Directorate of Planning and Programming, DGFCH
23. Yul H. Bahar Directorate of Planning and Programming, DGFCH
24. Agus Solihin Directorate of Planning and Programming, DGFCH
25. Solelia HR Directorate of Planning and Programming, DGFCH
26. Tommy Nugraha Horticulture Agribusiness Development (P2AH) Project Office (Integrated Horticulture Development in Upland Areas, IHDLA), DGFCH

Japanese Representatives and Experts

27. Eiji Inui Assistant Resident Representative, JICA Indonesia Office
28. Naotoshi Kakiya JICA Expert/Advisor for Third Umbrella Cooperation
29. Hajime Nakahigashi JICA Expert/Advisor for Third Umbrella Cooperation
30. Yutaka Sugii JICA Expert/Advisor for DGFCH

JICA Advisory Team

- | | | |
|-----|------------------|-------------|
| 31. | Jun Shimada | Team Leader |
| 32. | Kazumi Yoshihara | Coordinator |

JICA Study Team


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|-----|------------------------|--|
| 31. | Yutaka Matsumoto | Team Leader |
| 32. | Fumihiko Furuichi | Co-Team Leader/Farm Economy |
| 33. | Hiroshi Daito | Seedling Production Expert |
| 34. | Moehd. Baga Kalie | Cultivation/Extension Expert |
| 35. | Takeshi Saito | Post-harvest Handling and Marketing Expert |
| 36. | Ridhwan D. Marwy | Rural Society/Gender Expert |
| 37. | Dr. Irlan Soejono, MSc | Market Analysis Expert |
| 38. | Kenji Kyouizumi | Infrastructure and Facilities Expert |

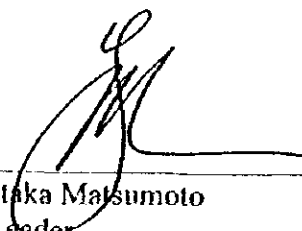
MINUTES OF DISCUSSION
ON
DRAFT FINAL REPORT
FOR
THE STUDY
ON
THE IMPROVEMENT IN QUALITY OF THE TROPICAL FRUITS

AGREED UPON
BETWEEN
THE DIRECTORATE GENERAL OF FOOD CROPS AND HORTICULTURE
MINISTRY OF AGRICULTURE
THE REPUBLIC OF INDONESIA
AND
JAPAN INTERNATIONAL COOPERATION AGENCY


Jakarta, April 9, 1998



 Dr. Ir. Chairil A. Rasahan, MSc.
Director General of Food Crops and Horticulture
Ministry of Agriculture



Mr. Yutaka Matsumoto
Team Leader
Japan International Cooperation Agency


Mr. Shinjiro Amameishi
Leader of Advisory Team
Japan International Cooperation Agency

The Advisory Team headed by Mr. Shinjiro Amameishi and the Study Team (hereinafter referred to as "the Team") headed by Mr. Yutaka Matsumoto, both organized by the Japan International Cooperation Agency (hereinafter referred to as "JICA"), visited the Republic of Indonesia on March 29, 1998 for the purpose of making presentation and discussion about the contents of the Draft Report on Improvement in Quality of the Tropical Fruits (hereinafter referred to as "the Study").

In the meeting held at the Directorate General of Food Crops and Horticulture (hereinafter referred to as "DGFCII") of the Ministry of Agriculture on March 31, 1998, the Team had a series of discussions with the officials concerned of the DGFCII and relevant agencies about the results of the Study covering four Provinces; namely North Sumatra, West Java, East Java and South Sulawesi. This meeting was chaired by Dr. Ir. Tom Edward M. Napitupulu, Director of Programming and Planning of the DGFCII. The list of participants in the meeting is attached as ANNEX-1.

As the result of the discussions, the Team and the DGFCII agreed on the master plan focusing upon quality improvement and production development of the nine target fruits presented in the Draft Final Report as well as how to utilize the final outputs of the Study.

The followings are focal points discussed and agreed upon by both sides.

1. The Team will pay its further attention to comments and suggestions given by the Indonesian side and itemized below in preparing the Final Report :

a. Programs at Central Level

- To make an additional recommendation on how to substantialize five programs for quality seedling production and distribution through accelerating research and development works as well as strengthening private nurseries activities including establishment of foundation block (FB) to select and maintain mother plants; and
- To consider the current enlargement of organization and function of the Assessment Institutes for Agricultural Technology (BPTP).

b. Programs at Provincial Level

- To pay attention to the project monitoring aspects in formulating the programs for "Strengthening of Project Planning Capacity at Provincial and District Levels" and "Strengthening of Management Capability Building of Provincial and District Staffs"; and
- To include post-harvest handling, processing (home industry) and transportation aspects in the training program for "Enhancement of Extension Staff's Knowledge on Horticulture Agribusiness Development".

c. Programs at District Level

- To consider the possibilities of increasing varieties for effective market promotion of target fruits;
- To indicate a realistic approach to promotion of partnership between farmers' groups and private sector;
- To give more detailed explanation on the program of "Introduction and Practice of Market Oriented Quality Fruit Growing Techniques" in connection with improvement of fruit quality;
- To consider quality improvement measures in processing fresh fruits in the program of "Development of Post-harvest Handling System"; and
- To review how to improve the present fruit trading system for enabling farmers to enter into fruit marketing and trading activities.

d. Implementation Schedule

- To reconsider implementation plans from the viewpoint of accelerating target realization and packaging of the whole orchard development programs at 37 sites.

2. The Team will prepare the Final Report in May after receiving additional comments from the Government of Indonesia by the end of April 1998. In preparing the Final Report, the Study Team will pay its special attention to the discussion results obtained through a series of meeting in Jakarta and seminars in the four Provinces. The Final Report will be submitted to the Indonesian side through JICA by the end of May 1998.

In the meeting, the DGFCII stressed that the pressing needs to tackle the current economic crisis in rural areas are to increase farmers income and to create new job opportunities. Agribusiness horticulture development can be largely expected to contribute as most effective countermeasures to meet such requirements, especially in critical areas depending those economy on upland crop cultivation. In this connection, the DGFCII expressed the necessity of urgent implementation of recommended programs in the master plan and its plan for taking necessary action to enter into the next stage directing towards program implementation as soon as possible.

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Indonesia Side

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JICA Study Team

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