

Appendices

Appendix-1 Member of the Study Team

	Position	Name	Organization
1	Team Leader	Tateo KUSANO	System Science Consultants Inc
2	Facility Planning	Mutsumi GANDO	System Science Consultants Inc
3	Equipment Planning	Masami SUDA	System Science Consultants Inc
4	Marketing and Management Planning	Kazuko YAMAMOTO	Agricultural Marketing Research
5	Construction and Procurement Planning	Yoshiya NAKANISHI	System Science Consultants Inc
6	Environmental and Social Consideration	Izumi OKATA	KRI International Corp.
7	Facility Planning (STA)	Toshiya WATANABE	Nippon Koei Co., Ltd.
8	Marketing and Project Evaluation	Takuya NAKAGAWA	Nippon Koei Co., Ltd.
9	Natural Condition Survey	Shoichiro BAN	Nippon Koei Co., Ltd.
10	Liaison	Daigo SANO	System Science Consultants Inc

Appendix-2 List of Attendants Concerning in Recipient Country

Ministry of Agriculture (MOA)

Name	Position	Organization
Mr. Agustin Zein Karnaen	Executive Secretary	Directorate General of Processing and Marketing for Agricultural Products, MOA
Mr. Ery A.	Staff of Secretariat of Directorate General	Directorate General of Processing and Marketing for Agricultural Products, MOA
Mr. Daniel	Ditto	Ditto
Mrs. Andi Arnida M.	Ditto	Ditto
Mr. Mesah Tarigan	Director of International Marketing	Directorate of International Marketing, Directorate General of Processing and Marketing for Agricultural Products, MOA
Mr. Dedi Junaedi	Deputy Director, Bilateral Marketing	Ditto
Mr. Komarudin	Head of Sub-division, Bilateral Marketing for Asia, Pacific and American	Ditto
Mrs. Ermia Sofiyeksi	Head of Subdivision, Bilateral Marketing for Africa, Middle East and Europe	Ditto
Mrs. Desi J		Ditto
Mr. Reynaldi E.A.	Bilateral Market Staff	Ditto
Mrs. Emmy Susanti		Ditto
Mrs. Yuliawati R.		Ditto
Mr. Efi Sofyadi	Head of Sub directorate of Facility and Market Institution	Directorate of Domestic Marketing, Directorate General of Processing and Marketing for Agricultural Products, MOA
Mrs. Novi Suryani	Head of Marketing Facility Section	Ditto
Mr. Sadaruddin	Section of Market Institution	Ditto
Mr. Agustian	Staff	Ditto
Mr. Yusral Tahir	Deputy-director	Directorate of Bilateral Cooperation, Center for International Cooperation, MOA
Ms. Heny R.	Section Head	Directorate of Bilateral Cooperation for East Asia, MOA
Mr. Dadeng Gunawan	Head of Sub-division for Asia and Pacific	Foreign Cooperation Bureau, MOA
Mr. Danang Dudi S.	Staff	Center for Foreign Cooperation, MOA
Ms. Nasyitha		Directorate of Horticulture, MOA

Mr. Hayato Nakajima	JICA Expert	Secretariat General, MOA
---------------------	-------------	--------------------------

Ministry of Environment (MOE)

Name	Position	Organization
Ms. Feni	Technical staff, EIA division	MOE
Ms. Widjihatini S.Si, ME	Head of subdivision for Evaluation and development chemical industry	Ditto
Ms. Wahyu Indraningsih	Assistant Deputy for planning on natural resources use and environment	Ditto

BAPPENAS

Name	Position	Organization
Ms. Puspita Suryaningtya	Staff	Directorate of Food and Agriculture, BAPPENAS

Pasar Jaya (Operation Organization of Kramat Jati Wholesale Market)

Name	Position	Organization
Mr. Sumanto	Manager of research and development	Pasar Jaya
Mr. Wisa Zulfathia	Assistant manager, sub-division for evaluation	Research and Development, Pasar Jaya
Danang Dudi S.		KLN Center

Pt. Tritunggal Sentra Sejahtera (Operation Organization of Kramat Jati Wholesale Market)

Name	Position	Organization
Mr. Utomo Santoso	CEO	Pt. Tritunggal Sentra Sejahtera
Mr. Budi Amanta Pohan	Marketing Manager	Ditto

Tanatingi Wholesale Market

Name	Position	Organization
Ms. Ohra	Secretary of the manager	Pt. Selarasgriya Adigunatama

Lampung Province

Name	Position	Organization
Mr. Anshori Djausal	Joint Expert Staff of Development Division	TA Acceleration Committee, Lampung Provincial Government
Mr. Bihikmi Soefian	Business Director of Food Crops and Horticulture Office	Agricultural Agency of Food Crops and Horticulture, Lampung Provincial Government
Mr. Sobaruddin	Director General of Agriculture Products' Processing and Marketing	Ditto
Mr. Masri Yahya	Secretary of Agriculture Agency	Ditto
Mr. Indriatmoko	Head of Regional Technical Implementation Unit for Center of Seeds of Food Crops and Horticulture	Ditto
Mr. Rozali	Head of Task Force for Pest and Diseases	Ditto
Mr. Suhatrik	Head of section for Food Crops Division	Ditto
Mr. Enggar B.W.	Head of Technical Staff	Ditto
Mr. Iskandarsyah	Head of Regional Technical Implementation Unit for Processing Dry, Agricultural Land, and Agricultural Machinery and Equipments	Ditto
Mrs. Sugiarti	Head of Section for Processing Agricultural Land Division	Ditto
Mr. Mulyadi	Head of Section for Promotion and Marketing, Estate Crops Division	Ditto
Mr. Agung Rekso P.	Staff of Processing and Marketing Products	Ditto
Mrs. Herlin Retnowati	Head of Processing and Marketing Products	Ditto
Ms. Alice Yasmin	Staff of Processing and Marketing Products	Ditto
Mrs. M. Budianingsih	Horticatures Division,	Ditto
Mrs. Des Rahyumi Tj.	South Lampung Head of Marketing	Ditto
Mr. Laksono Ramdan	Head of Business Counseling Section	Ditto
Ms. Emilia K	Head of Division for Horticulture	Ditto
Mr. Panca Ambar W	Head of Regional Technical Implementation Unit	Ditto
Mr. Denis		Ditto
Mr. Denny Smestriawan	Staff	Ditto

Mr. Fahrizal Darminto	Director	BAPPEDA, Lampung Provincial Government
Mr. Dodi Hendrawan	Head of Production Sub Division	Ditto
Mr. Erwin F	Head of Spatial Planning Sub Division	Ditto
Mrs. Yeni T	Staff of Economic Division	Ditto
Mrs. Dwi Retno M.	Staff of Economic Division	Ditto
Mr. A. Zoelkarnaen R.	Head of Economic Research and Development Sub Division	Ditto
Mr. Rachmat Susilo	Head of Regional Technical Implementation Unit for Transportation Operational System	Transportation Agency, Lampung Provincial Government
Ms. Ce'na	Head of Planning Sub Division	Ditto
Mr. Minto Rahardjo	Secretary	Ditto
Mr. Gandi	Staff	Ditto
Mr. Ali Subaidi	Head of Equipment Bureau	Equipment and Asset Agency, Lampung Provincial Government
Mr. Bahrn Cholil	Head of Procurement Section	Ditto
Mr. Ichsan	Head of Equipment Bureau	Ditto
Mr. Meydiandra Eka Putra	Head of Division, Member of Land Procurement Coordination Team	Ditto
Mrs. Meli Susanti	Head of Procurement Sub-section	Ditto
Mr. Achmad Adji Perwante	Director	Environment Management Agency (BPLHD), Lampung Provincial Government
Mrs. Elya Rusmaini	Head of Environment Communication & People Empowerment Division	Ditto
Mr. Iskandarsyah	Head of Regional Technical Implementation Unit for Processing Dry, Agricultural Land, and Agricultural Machinery and Equipments	Ditto
Mr. Azwar Rais	Secretary	Ditto
Mr. Heri Munzail	Head of EIA Division	Ditto
Mr. Alberuni Kusumayuda	Expert, EIA Division	Ditto
Ms. Alberuni Kusumayuda	Expert, EIA (Environmental Impact Analysis) Division	Ditto
Mr. Mawardi	Staff of Land and Water Processing	Ditto
Mr. Indra Jaya		Ditto
Mr. Sumardi	Head of Section for Forestry Product Processing	Forestry Agency, Lampung Provincial Government

Mr. Rokadi	Head of Provincial Production Development Department	Economic Agency, Lampung Provincial Government
Mr. Syaifullah		Ditto
Mr. Desnini	Head of Processing & Marketing Estate Crops Division	Estate Crops Agency, Lampung Provincial Government
Mr. Mulyansyah	Head of Processing & Marketing Estate Crops Section	Ditto
Mrs. Hayati		Ditto
Mrs. Titin Ruskiawati		DKP, Lampung Provincial Government
Mr. Hermawan	Head of Planning Section	Irrigation Agency, Lampung Provincial Government
Ms. Siti Raudha Yulianti	Head of Distribution Section	Livestock Agency, Lampung Provincial Government
Mr. Sukarsono	Marketing staff	Marines & Fisheries Agency, Lampung Provincial Government
Mr. Waskito	Head of Evaluation Sub Section	Legal Agency, Lampung Provincial Government
Ms. Sulistyowati	Head of Regional Policy division	Ditto
Ms. Veriyana V.	Staff of regional Policy Division	Ditto
Mr. Budi Mulyono	Business Director	PT (Ltd. Company), Lampung Jasa Utama
Mr. Ardi Johan	Manager	Agro Outlet – Kramat Jati Wholesale Market

Bandar Lampung Municipal Office

Name	Position	Organization
Mr. Weka T.R.	Secretary	Market Management Section, Bandar Lampung Municipal Government
Mr. Edusar	Head of Development Division	Ditto
Mr. Jan Roma	Head of Planning Sub Division	Ditto
Mr. Juhandi G.	Head	Bandar Lampung Municipal BAPPEDA
Mrs. Desti Mega Putri	Head of Physical and Infrastructure Sub Division	Ditto

South Lampung Regency

Name	Position	Organization
Mr. Alfian		South Lampung Regency, BAPPEDA
Mr. Tomo Thalib		Ditto
Mr. Eddyar Saleh		BLHD (Bandan Lingkungan Hidyp Daerah: Regional Environment Management Agency), South Lampung Regency

Mr. TS. Pawbabena		Ditto
Ms. Nurul Hidayare		Ditto
Mr. Abid Yusuf Kades Sukabaru	Village head	Sukabaru Village, Penengahan Sub-district, South Lampung Regency
Mr. Slamet S.		Farmers Community Forum, Katibung, South Lampung Regency
Mr. Sugito		Farmers Community Forum, Katibung, South Lampung Regency

Other Regency in Lampung Province

Name	Position	Organization
Mr. Subagio	Head of Business Counseling Section	Tanggamus Food Crops and Horticultures
Mr. M. Moh. Guntoro	Head of Business Counseling Section	Distanaksiur Karbl
Mr. Hasanuddin	Head Section of Market	Dinas Koperindag
Evan	Head of Division	Dinas Koperindag

Natar, South Lampung Regency

Name	Position	Organization
Mr. Solihin	Head of Sub Village	Main Sub Village Merak Batin, Natar
Mr. Agus	Head of Village	Village Merak Batin, Natar Sub-district
Mr. Bahri	Ex-village head	Ditto
Ms. Evi Damayanti	Teacher of secondary school	Ditto
Ms. Masayu Iriani	Teacher of secondary school	Ditto
Mr. Novian Andriana	Teacher of secondary school	Ditto
Ms. Wessy Sapriila	Teacher of secondary school	Ditto

Bakau Huni Port Office

Name	Position	Organization
Mr. Sugianto Albert	Port Operational Assistant Manager	PT. ASDP (River Lake Port Transportation Company), Bakauheni Port Office
Mr. Agustiadi	General Affairs Assistant Manager	Ditto
Mr. Winanda	Human Resources Manager	Ditto
Mr. Arthur Groeneveld	Supervisor	Ditto

PLN (State Electric Power Company) in Bandar Lampung

Name	Position	Organization
Mr. Augusta Yusuf	Technical Assistant Manager	PLN (State Electric Power Company), Tanjung Karang Branch

East Jawa Province

Name	Position	Organization
Mrs. Siti Hidayati	Head of Subdivision	Agricultural Office of East Java, East Java Provincial Government
Mrs. Retno	Staff	Ditto

Malang Regency, East Jawa Province

Name	Position	Organization
Dwita Nirmala	Secretary	Agency of Agriculture
M. Tosin	-	Service Station of Biological Agents Pujon
Ganef Sulistyio	Department of Plantation	Agency of Agriculture
Hari Iswanto	-	Federation of Farmer Group/Pujon
Sudrakhman	-	Federation of Farmer Group
Hisrul Majedi	-	Farmer Group
M. Yusuf	-	Federation of Farmer Group Kecamatan
Totok P.	Department of Horticulture	STA Mantung
Ajunuddin	Department of Crop Handling and Marketing	Agency of Agriculture
Agusti S.	Department of Production	Agency of Agriculture
Ali Mansur	Member	Federation of Farmer Group Pujon
Kosirin	Member	Ditto
Kusnan	Member	Ditto
Wisno Ajis	Member	Ditto

STA Malan

Name	Position	Organization
Mr. Kantil Trimintoyo		STA Mantung
Mr. Didik Sudiarto		Ditto
Mr. Totok Purwanto	Head of Technical Staff	Ditto

Puspa Agro

Name	Position	Organization
Mr. A. Muchibudin	General and Financial Manager	Puspa Agro TA, Surabaya
Mr. Susono	General Manager	Ditto
Mr. Tatag Hadi		Ditto
Mr. Sonny Djoko S.	Marketing and Communication Manager	Ditto
Mr. Suhartoko	Public Relations	Ditto

North Sumatra Province

Name	Position	Organization
Mrs. Ratna Gultom	Head of Agriculture Counseling Division	Directorate of Agriculture Products' Processing & Marketing, North Sumatra Provincial Government
Mr. Zainal Abdi		Ditto
Mrs. Novi Suryani	Head of Marketing Facility Section	Domestic Marketing Division, Directorate of Agriculture Products' Processing & Marketing, North Sumatra Provincial Government
Mr. Jonni Akim P	Head of Germination Center	Agriculture Agency, North Sumatra Provincial Government

Simalungun Regency, North Sumatra Province

Name	Position	Organization
Bangun Gantinius	Secretary	Agency of Fisheries and Livestock
Zainal Abidin	Head of Agency	Federation of Farmer Group Saribudolok
Jakorasmien Purba	Head of Association	Farmers Market Association Gulasari
Dearmando Damanik	Staff	Regional Unit of Integrated Implementation Silimakuta
Sumihar Situmorang	Head of Food Security Department	B4K4KP Simalungun
Mintarina Sipayuk	Head of Unit	Regional Unit of Integrated Implementation Purba
Mislaini Saragih	Head of Division of Natural Resource Administration	Regional Secretariat of Simalungun Regency
Sariani Damanik	Secretary	Agency of Industry and Trade
Erni Saragih	Sub-division of Natural Resource Administration	Regional Secretariat of Simalungun Regency
Surawar Purba	Member	Cinta Desa Cooperative, Saribudolok
Paska Sipayung	Member	Ditto
Rudi Saragih	Member	Ditto
Fenry Girsang	Member	Ditto
Parman Sipayung	Member	Ditto
Roni Sipayung	Head of Cooperative	Ditto
Ramulak Sinaga	Treasurer	Ditto

Risden Sipayung	Head of Department	Agency of Plantation
Robert Tua Siregar	Secretary	Ditto
Hormauli Purba	Head of Division	Ditto
Mr. Diben Simbolon	Head of Agribusiness Division	Ditto
Imelda	Staff	Ditto
Diben Simbolon	Head of Agribusiness and Agro-industrial Department	Ditto
Marwan Dapot	Staff	Ditto
Satria Hamdani	Staff	Ditto
Reno Wijaya	Staff	Ditto
Binsar Situmorang	Head of Agency	Regional Development Planning Agency
Latif Nasution	Deputy head	Regional Secretariat of Simalungun Regency
Joni Alcim Purba	Head of BBI Kota Gaduy Berastagi	Provincial Agency of Agriculture, North Sumatera
Amran Sinaga	Head of Agency	Agency of Agriculture
Drs. Iismail Ginting Msi.	Head	Regional Secretariat of Simalungun Regency

Municipal Office of Saribudolok, North Sumatra

Name	Position	Organization
Mr. Arisman Purba	First Agricultural Counselor	Municipality Office, Saribudolok
Mr. Arison Saragih	First Agricultural Counselor	Ditto

South Sulawesi Province

Name	Position	Organization
Ms. Sri	Director	Agriculture Agency, Gowa Regency
Najma, S.TP.	Coordinator	STA Cappa Bungaya
Perawati A. Sili	Coordinator	STA Pattapang

Gowa Regency, South Sulawesi Province

Name	Position	Organization
Ir. Asriawan Umar	Head of Agency	Agency of Agriculture
H. Abdul Rauf	Head of Food Cultivation Department	Ditto
H. Zulkarnaen	Head of Horticulture Department	Ditto
Wakito	Director	PERUSDA (Regional Company)
H. Mukhsin Tahir	Head of PLA Department	Agency of Agriculture
A. Mappatangka	Staff	Ditto
Alimuddin S.P.	-	KCD Tinggimoncong
Muh. Said	Head of Division of Food Cultivation Production	Agency of Agriculture
Abdul Jalil	Consultant	Ditto
Hj. Sahriwati	Consultant	Ditto
Siti Jamila Mustari	Head of Division of Instrumentation	Ditto
Mulisty Said	Head of Division of Seed Production	Ditto
Gulhani	Head of Division of Horticulture Technical Package Supplying	Ditto
Nirnawatia	Staff	Ditto
Nurmini	Staff	Ditto
Chandra Dewi	Staff	Ditto
Herlinda	Staff	Ditto
Andi Tenri Fitriani	Staff	Ditto
Fatmawati	Staff	Ditto
Bungawati	Head of Division of Post-Harvest and Crop Handling	Ditto
Nurbaya	Head of Marketing Division	Ditto
Siti Nurhaedah	Information Technology	Ditto
Hj. Sri Mujahidah	Head of PPHP Department	Ditto
Maryani Pagassugi	Head of Human Resource Development Department	Ditto
Ichsan	Staff	Ditto
Vera	Coordinator	STA Pattapang

Embassy of Japan

Name	Position	Organization
Mr. Toru Senba	First Secretary	Embassy of Japan in Indonesia

JICA Indonesia Office

Name	Position	Organization
Mr. Jitsuya Ishiguro	Senior Representative	JICA Indonesia Office
Ms. Mari Miura	Representative	Ditto

Appendix-3 Minutes of Meeting

3.1 Minutes of Meeting on Counterpart Meeting (Phase 1 Work in Indonesia)

MINUTES OF MEETING OF

Distribution Mechanism Reform through Development of Wholesale Market

(Improving of Post-Harvest Handling and Marketing Facilities)

(Agriculture)

The meeting for the The Distribution Mechanism Reform through Development of Wholesale Market (Improving of Post-Harvest Handling and Marketing Facilities) (Agriculture) was held on May 5th, 2011 at Ministry of Agriculture, Indonesia. Discussion and suggestions are shown in this minutes of the meeting.

Jakarta, May 6th, 2011



Mr. Tateo Kusano

Study Team Leader

JICA Study Team

Japan



Mr. Mesah Tarigan²

Director for Directorate of International Marketing

Ministry of Agriculture

Republic of Indonesia

Discussion of Meeting on May 5th, 2011

1. Opening Speech

Mr. Mesah Tarigan, Director of International Market, began the discussion and addressed the following points.

- (1) The concept of Agribusiness Terminal (TA) has been initiated long time ago to accelerate product growth and distribution in Indonesia. Therefore, the feasibility study for the period of May 2011 – Jan 2012 is most welcomed.
- (2) It was committed that the Ministry of Agriculture (MOA) and each Provincial Government will cooperate with the study team within the boundaries of the authorities and regulations.
- (3) It was recognized that study area for the survey would be 1) Lampung Province for the new TA, and 2) North Sumatra, East Java, and Sulawesi for advice on the management of existing sub agribusiness terminal (STA).
- (4) There are going to be several workshops being held as a part of the study. Specifically to be participated by the relevant personnel of MOA the governments of the provinces, and also the regencies.
- (5) It was emphasized that Penengahan sub-district is the most suitable one for the proposed TA compared to the other two locations.

2. Explanation of Inception Report

Mr. Tateo Kusano explained the inception report. The background, aims, study areas, and study approach and schedule of this study was clarified and agreed with counterparts (C/Ps). It was also requested from JICA that the formation of Joint Coordination Committee (JCC) and a working group consists of counterparts (C/Ps) in the MOA at central government and provincial government (PG) is necessary to speed up the procedure of decision making as the time is limited. Indonesian side agreed on the formation of JCC and working group.

In addition, regarding the target crops in proposed TA in Lampung, it was agreed that the TA targets horticultural products, such as vegetable and fruits, and fresh coconuts. Other estate crops, such as cacao and coffee, are agreed to be excluded from the study crops.

Mr. Mutsumi Gando explained the study schedule for the 1st Phase (May 2011 to June 2011). In addition, the following assistances were requested: (1) at least one official to accompany a site survey, (2) arrangement of a meeting with survey team, (3) provision of documents and statistics data necessary for the survey. Indonesian side generally agreed on the schedule and the requests. In instance, Lampung Province and North Sumatera Province are well prepared for the study team.



3. Issues surrounding the Establishment of TA

(1) Selection of TA site for Lampung Province

Both provincial government of Lampung and Director of International Market emphasized that out of three proposed sites Penengahan is most suitable for the establishment of TA. It was because 1) in near future, there will be a bridge connecting Sumatera Island and Java Island, making Penengahan an access point to enter Lampung Province, and 2) the size of land prepared for TA in Penengahan will be 12 hectare from current size of 2 hectare.

(2) Regulation of Zero Emission Program (Provincial Regulation No. 8)

Mr. Toru Senba from Embassy of Japan and Mr. Hayato Nakajima emphasized the importance of the implementation of zero emission program, which regulates the products coming to Jakarta have to be sorted so they would not be any waste carried to the final destination. They pointed out that the stringent enforcement of the regulation is the prerequisite of this project, because target users of the expected TA would not have the incentive to use the facility without the enforcement.

Mr. Mesah Tarigan recognized the importance, and explained that there will be Mitra Praja Utama (MPU) meeting in June 2011 and one of the issues is to discuss the Provincial Regulation No. 8.

(3) On-going example from East Java

Mrs. Retno introduced an example of TA in East Java, Puspa Agro TA in Jemundo, which is one of biggest in East Java. It is Provincial Government program to ensure the food security, and to maintain the processing standard before the commodities enter Surabaya, therefore, reducing the waste. The Provincial Government is planning to issue a bill that any product entering Puspa Agro TA to give safe-food stickers to the trucks in collaboration to check the products not only from local producers but also on imported commodities.



Appendix

List of Participants

No.	Name	Organization
1.	Mr. Tateo Kusano	JICA Study Team
2.	Mrs. Kazuko Yamamoto	JICA Study Team
3.	Mr. Toshiya Watanabe	JICA Study Team
4.	Mr. Mustumi Gando	JICA Study Team
5.	Mr. Daigo Sano	JICA Study Team
6.	Ms. Mari Miura	JICA Indonesia
7.	Ms. Rika	JICA Indonesia
8.	Mr. Toru Senba	Embassy of Japan
9.	Mr. Hayato Nakajima	Planning Bureau
10.	Mr. Bihikmi Soefian	Dinas Pertanian TPH Lampung (Agricultural Office of Food Crops and Horticulture Lampung Province)
11.	Mrs. Herlin Retnowati	Dinas Pertanian TPH Lampung (Agricultural Office of Food Crops and Horticulture Lampung Province)
12.	Mesah Tarigan	Director for Directorate of International Marketing Ministry of Agriculture
13.	Mr. Komarudin	Directorate of International Market
14.	Mr. Reynaldi	Directorate of International Market
15.	Mrs. Emmy Susanti	Directorate of International Market
16.	Mrs. Yuliawati R.	Directorate of International Market
17.	Mrs. Desi J.	Directorate of International Market
18.	Mr. Sadaruddin	Directorate of Domestic Market
19.	Mr. Agustian	Directorate of Domestic Market
20.	Mr. Reza Fahmy	Interpreter (JICA)
21.	Mr. Dadang G.	Foreign Cooperation Bureau
22.	Mr. Jaka Suryana	LPM Equator
23.	Ms. Nasyitha	Directorate Horticulture
24.	Mrs. Hormauli Purba, SP	Agriculture Office of Simalungun Regency
25.	Mr. Zainal Abdi	Agriculture Office of Sumatra Provincial Government
26.	Mrs. Retno	Agriculture Office of East Java
27.	St. Itidayati	Agriculture Office of East Java

3.2 Minutes of Meeting on Joint Counterpart Meeting (Phase 2 Work in Indonesia)

MINUTES OF MEETING

of

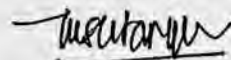
Distribution Mechanism Reform through Development of Wholesale Market (Improving of Post-Harvest Handling and Marketing Facilities) (Agriculture)

The meeting on phase 2 study in Indonesia for the Distribution Mechanism Reform through Development of Wholesale Market (Improving of Post-Harvest Handling and Marketing Facilities) (Agriculture) was held on August 15th, 2011 at Ministry of Agriculture, Indonesia. Discussion and suggestions are shown in this minutes of the meeting.

Jakarta, August 15th, 2011



Mr. Tateo Kusano
Study Team Leader
JICA Study Team
Japan



Mr. Mesah Tarigan
Director,
Directorate of International
Market Development
Ministry of Agriculture
Republic of Indonesia



Mr. Bihikmi Soefian
Director
Food Crops and Horticulture Agency
Lampung Province
Republic of Indonesia

I. New TA in Lampung

Counterpart meetings were held in MOA and Lampung Provincial Government, and stakeholder workshops were held in Bandar Lampung and DKI Jakarta to identify the basic concept of the New TA development in Lampung, and to select the target site of the new TA for its Feasibility Study. Indonesian side, MOA and Lampung Provincial Government, basically agreed the following concept and selected the target site of the New TA from three alternative sites, i.e. Natar, Gedong Tataan and Penengahang, based upon the comparative analysis prepared by JICA Study Team as follows.

(1) Target marketing products:

Fruits and vegetables to be inter-regionally distributed between Sumatra and Jawa islands.

(2) Target site :

Penengahang

Major reasons for site selection are as follows:

- 1) Political aspect: Consistency with government policy
 - MOA policy: Long-term Agriculture Development Plan (2000-2025), Medium-term Agricultural Development Plan (2005-2009) and Medium-term Agricultural Development Plan (2010-2014)
 - Lampung Provincial Policy: Agro Metropolitan Initiative covering eastern part of province stipulated in Regional Basic Plan Lampung Province 2009-2029
 - No relocation policy for the existing wholesale markets in Bandar Lampung
 - All Sumatra Governors Meeting
 - Capital Partnership Meeting (MPU) among the provinces of Jawa Island, Lampung province and some other provinces
 - Mutual agreement on the new TA between DKI Jakarta and Lampung province

2) Projected potential volume which will be dealt at the New TA

- Approx. 100 tons/day for domestic distribution to Bandar Lampung within Lampung province in 2011
- Less than 1,500 tons/day for inter-regional distribution between Sumatra and Jawa islands in 2011

3) Accessibility for stakeholders

- Advantages of Penengahang for inter-regional distribution, and advantages of Natar/Gedong Tataan for domestic distribution within Lampung province

4) Stakeholders interest

Stakeholders in DKI Jakarta are considered to be interested in investment and/or use of the New TA in case New TA in Penengahang provides the inter-regional distribution.

In Lampung, although 90% of attendants in stakeholder workshop are positive to participate new TA, most of them are stakeholders working in rather near area to Penengahang because of lack of clear-cut information to the other areas in Lampung Province on the new TA project.

5) Environmental aspect

Penengahang is considered to less affect environmental and social aspects than Natar and Gedong Tataan.

Preparation stage by Lampung provincial government on land acquisition and environmental assessment in Penengahang

6) Related infrastructure development : Almost completion of Trans-Sumatra highway

(3) Further consideration on the F/S in Phase III Study

1) Roles of the new TA

- Transaction points from up-stream such as farmers and STA at production area to the down-stream such as major wholesale market at DKI Jakarta
- Human resource development for quality control to increase more benefit to stakeholders both in up- and down-stream marketing system

ms

1

M J

- 2) Projection of the target volume of the new TA from Jawa to Sumatra Islands as well as Sumatra to Jawa Islands
- 3) Identification of the proposed functions and facilities of the new TA
- 4) Investment and management system of the new TA
- 5) Project feasibility: Economic and financial viability
- 6) Others
 - Socialization through dissemination of more information about the New TA to stakeholders should be more emphasized by MOA and Lampung Provincial Government.
 - Agricultural marketing system of fruits and vegetables through the new TA in Lampung should be closely linked with farmers and/or STA at production area as up-stream and the major consumption areas such as DKI Jakarta as down-stream of products distribution.

2. Three STAs in East Jawa, North Sumatra and South Sulawesi

(1) Principle of STA

Based on the analysis of the Study team, basic principle of STA on its functions is proposed as follows:

- STA is a wholesale market established in agricultural producing area, connecting farmers and buyers who bring commodities to consumers area;
- In a wholesale market, major players (users of a market) are farmers/collectors, wholesalers, and buyers;
- An important function is to provide market information in order to mitigate price fluctuation;
- Involvement of the government would be limited to provision of information and management of a place of transaction. Real players of distribution flow (to produce, buy, and sell) can be private sectors;
- STA can have a value added facilities such as grading/sorting/cold storage etc, however they can be equipped in case that conditions permit; and
- STA can provide some assistance for farmers such as provision of finance/credit and necessary extension services, however, they can be provided in case that conditions permit.

And, In order for STA to function well, the study team proposed that four points are considered important for STA establishment, namely 1) Selection of Location, 2) Facility Design Based on Certain Concept, 3) Opinions of Users, and 4) Socialization.

(2) Characteristics of Three STAs

For preparation of improvement plans, the Study team analyzed characteristics of three STAs as follows:

STA Mantung

- A Good Example of STA
- Complicated Price and Volume Mechanism
- Some Improvement Suggested in the Management

STA Saribudolok

- An Advantageous Location
- A Fact That the STA Is Not Used
- Different Concept of Facility Design
- Importance of Matching between Producer and Buyer

STA Pattapang

- An Advantageous Location
- A Fact That the STA Is Not Used
- Different Concept of Facility Design
- Importance of Collectors' Cooperation

(3) Proposed Improvement Plans

Based on the above, the Study team proposed improvement plans for three targeted STAs and they are summarized in the table below.

STA Mantung <i>Further Improvement</i>	STA Saribudolok <i>For a Wholesale Market</i>	STA Pattapang <i>For a Wholesale Market</i>
Strengthening of function of dissemination about price information to related stakeholders Improvement of fee collection system/garbage treatment Capacity development of officers in the STA in the above mentioned fields	Establishment of New Management Body UPTD, information Provision, collection of fees, etc. Facility Renovation Minimum renovation to create booths Socialization for Potential Players For collectors/farmers	Establishment of New Management Body PERUSDA, information Provision, collection of fees, etc. Facility Renovation Minimum renovation to create booths Socialization for Potential Players For collectors/farmers

(4) Comments on Improvement Plans

In order to explain and get feedback from each regency on the proposed improvement plans, the following meetings were held. For all meetings, meeting records are compiled in Attachment 2.1 – 2.3.

STA Mantung	STA Saribudolok	STA Pattapang
Place : Agency of Agriculture, Malang Regency Office Date : 9 August 2011 Time : 1.00 PM until 3.00 PM Attendants : 18 persons	Place : Agency of Agriculture, Simalungun Regency Office Date : 12 August 2011 Time : 2.00 PM until 4.30 PM Attendants : 33 persons	Place : Agency of Agriculture, Gowa Regency Office Date : 10 August 2011 Time : 10.00 PM until 12.00 PM Attendants : 30 persons

Basically, though some discussions and comments were made, there were no objections and requests for revisions on the recommendations about the improvement plans.

Attachment

1. With respect to the New TA in Lampung Province

- 1.1 Minutes of Meeting on Counterpart Meeting in MOA A-1
- 1.2 Minutes of Meeting on Counterpart Meeting in Lampung Province A-6
- 1.3 Outline of Stakeholders Workshop in Lampung A-14
- 1.4 Outline of Stakeholders Workshop in DKI Jakarta A-18

2. With respect to 3 STAs

- 2.1 Meeting Record in East Jawa A-
- 2.2 Meeting Record in North Sumatra A-
- 2.3 Meeting Record in South Sulawesi A-

WJ

✓ *WJ*

Attachment 1.1 Minutes of Meeting on Counterpart Meeting in MOA

MINUTES OF MEETING of
Counterpart Meeting
with
Ministry of Agriculture, in Jakarta
for
Distribution Mechanism Reform through Development of Wholesale Market
(Improving of Post-Harvest Handling and Marketing Facilities)
(Agriculture)

The meeting for the Presentation of Progress Report I, in Jakarta (Agriculture) was held on August 5th, 2011 at the Ministry of Agriculture in Jakarta. Discussion and suggestions are shown in this minutes of the meeting.

Jakarta, August 5th, 2011

(For a complete list of participant names please refer to the Attendants List.)

No.	Speaker	Summary
1.	Chairman (Mr.Dedi Junaedi)	<p>The Chairman welcomes the attendees and apologized for Mr.Mesah Tarigan absence due to activities outside of Jakarta.</p> <p>Mr. Roem (Mohammad Roem) the Head of Sumatera Regional Agricultural Agency was expected to attend the meeting.</p> <p>For domestic market representative, Ms.. Unani from the National Committee was present and introduced.</p> <p>A participant from BAPPENAS (National Development Planning Board) was also expected to attend but had not arrived.</p>
2.	Mr. Kusano	<p>Mr. Kusano thanked the participants for coming and proceed with the Progress Report I presentation (Please refer to the document):</p> <p>“Current Policy and Issues in Lampung”</p> <p>“Current Condition and Future Prospects of Inter-Provincial Marketing between Sumatra and Jawa”</p> <p>“Considerable Affairs with the Agricultural Policies of DKI Jakarta”</p> <p>“Features and Issues of Agriculture Marketing within Lampung Province”</p> <p>“Needs of Stakeholders for New TA in Lampung Province”</p> <p>Comparative analysis of Candidate Sites of TA Construction in Lampung Province, and Approach to Site Selection (Mr. Kusano emphasized that this should be clarified in the 2nd study in Indonesia)</p> <p>Overall Strategy of the Project.</p> <p>Several policies brought up by the government needs to be clarified.</p> <p>According to the first phase survey: User interests are still limited. Around one third are very interested in Penengahan site , while the rest is still fluctuating; so in this phase this needs to be clarified.</p> <p>Basic principles of the 2nd Study in Indonesia</p> <p>JICA Study Team will make workshops with stakeholders. One in Lampung and another one in Jakarta. Through this discussion, the government side and private sector side hopefully will agree in the same direction.</p> <p>Three Targeted STAs continued to last chapter.</p>

A - 1

3.	Chairman	Chairman introduced Mr.Akim who had just arrived from North Sumatera.
4.	Ms.Novi	<p>Ms..Novi explained that for Penengahan TA, it had become the authority of Provincial Government (PG) of Lampung. The Central Government (CG) does not interfere with their decision. It is between Lampung PG and DKI Jakarta PG.</p> <p>Furthermore, CG in providing TA/STA is always in response to the proposal of PG; so regarding policy CG give them authority but also taking into account the result of the Feasibility Study. The success of the TA/STA is PG's responsibility in the end, CG provide support as much as they can.</p>
5.	Mr.Komaruddin	<p>Mr.Komaruddin seconded the fact that Lampung PG had chosen Penengahan; [The choice] will depend on the Lampung PG's decision. CG just supports their choice of location.</p> <p>From the comparative evaluation table; among three candidates for TA site, Mr. Komaruddin commented that Penengahan and Natar looked almost equal. But for Natar; the stakeholder intention had the highest value because of its closeness to Bandar Lampung.</p> <p>In relation, the Province of Lampung has plan to distribute product to Jawa island so PG Lampung chose Penengahan because of its proximity to Bakauheni port. In future, they will build Sunda Strait bridge, Trans-Sumatera Highway part of Asian Highway.</p>
6.	Ms..Miura	<p>Ms..Miura highlighted the fact that Lampung PG already decided [the location] in Penengahan i.e it was already approved by the government. So in relation to that, Ms..Miura asked:</p> <p>First question to JICA Study Team: Stakeholder intention mostly maybe B or C (refer to Evaluation Table), so Ms..Miura inquired the reason as to why stakeholder intention is moderate or lower in Penengahan. Will JICA Study Team address this as something to be challenged.</p> <p>Question to PG Lampung: What is Lampung PG consideration regarding this issue.</p>
7.	Mr.Kusano	<p>Mr. Kusano responded that JICA Study Team is not in position to make final selection. Regarding Penengahan the problem is the intention of stakeholder and this will be address through the workshops in this stage.</p> <p>If the intention is higher than before and they agree with government policy then it's more applicable. But in case of Natar, there is no policy regarding Natar and the user will be very limited in number due to Bandar Lampung being a consumption area. Mr.Kusano further emphasized that Natar is a very small wholesale market trade area comprising of approximately 100 tons per day in volume.</p> <p>Furthermore, Mr.Kusano explained, if Lampung PG focuses on Bandar Lampung market area; small TA can be located in Natar, But currently there is no policy on that. So for both site, more discussions are required.</p>

8.	Ms.Yamamoto	<p>Ms.. Yamamoto explained that Penengahan [and Natar] have very different character so it is difficult to compare. Bandar Lampung wholesale traders are not much interested to deal in Penengahan because it's not their territory.</p> <p>Furthermore Ms.Yamamoto commented that the feasibility of Penengahan as a TA is the bigger issue. And the assessment served to show the intention of stakeholder that Natar is an alternative of market in Bandar Lampung.</p>
9.	Mr.Komaruddin	<p>In Mr. Komaruddin opinion, the reason as to why Lampung PG has great intention and had chosen Penengahan is because they have roadmap planning from Lampung to Jawa. It is already a strong policy, so in Mr.Komaruddin's point of view, whether it is feasible or not, they will make TA there.</p>
10.	Mrs.Andi	<p>Mrs. Andi commented, that to make the evaluation table more clear as to why Lampung PG chose Penengahan, FS team should add evaluation item of trade share.</p> <p>She also commented that stakeholders also wishes to make welfare in Lampung province improved.</p>
11.	Chairman	<p>The Chairman commented that Lampung PG had a regional basic plan of 20 years. That is why Mr.Komaruddin said whatever the result Lampung TA will be established.</p> <p>Then the Chairman explained that it is better to consider how to explain to the stakeholder. Furthermore, the CG had launched six economic corridors where Sumatera island is the corridor for agri-resources base.</p> <p>Lampung PG sees the issue of stakeholder intention differently than that of stakeholders because they have 20 years planning in mind. The Sumatera-Jawa bridge planned for 2014 is also a consideration.</p> <p>Further the Chairman suggested that perhaps during the next workshops, JICA Study Team can make additional information regarding the point of view of CG, and the regional basic plan of Lampung PG.</p>
12.	Ms.Yamamoto	<p>Ms.Yamamoto explained that on the survey; among wholesalers in Kramat Jati and Tanah Tinggi (wholesale markets) 35 percent are positive to rent a space in new TA; this is without informing the location of the site.</p> <p>And in Kramat Jati, the number is even higher than the original estimation. Some of them are not very serious but other are very positive because they believe the price difference between Jawa and Lampung will present business opportunity. Furthermore, Ms.Yamamoto suggested that such kind of stakeholders is needed for the new TA in Lampung to be feasible.</p> <p>Regarding supermarket respondents, 3 out of 4 are positive in having a space in the new TA. But their perception is more for their distribution needs. Furthermore, in development they are interested of the possibility of other products distributed through the new TA making it an entrance to Sumatera island.</p>

Handwritten mark

Handwritten signature

13.	Mr.Akim	<p>Regarding Simalungun [region], the STAs existing in Saribudok and Pematang Siantar are not active with respect to the management. So an input is expected whether the new format will be UPTD (Technical Implementation Unit) or other more suitable. And they should be connected with other TS/STAs.</p> <p>Mr.Akim also commented that the newly elected Regent is expected to accelerate the policies' implementation, so if there is any suggestion it will be easier to implement them in practice.</p>
-----	---------	--

ms

A - 4

A de

LIST OF ATTENDANTS

Date: 05/08/2011
 Place: Marketing Room, Ministry of Agriculture (MOA), Jakarta
 Title of Meeting : Counterpart Meeting

No.	Name	Position	Organization
1	Mr. Dedi Junaedi	Head of Sub Directorate of Bilateral Marketing	Directorate of International Marketing, MOA
2	Ms. Novi Suryani	Head of Marketing Facility Section	Domestic Marketing Division, Directorate of Agriculture Products Processing & Marketing, North Sumatera Provincial Agency
3	Ms. Heny R.	Section Head	Directorate of Bilateral Cooperation for East Asia
4	Mr. Jonni Akim P	Head of Germination Center	Agriculture Agency North Sumatra Provincial Government
5	Mr. Agustian	Staff of Directorate of Domestic Marketing	Directorate of Domestic Marketing, MOA
6	Mrs. Andi Arnida M.	Staff	Secretariat of Directorate General of Processing & Marketing Agriculture Product
7	Mr. Tateo Kusano	Team Leader	JICA Study Team /SSC
8	Mr. Mutsumi Gando	Expert	JICA Study Team
9	Ms. Kasuko Yamamoto	Expert	JICA Study Team
10	Mr. Reza Fahmy	Interpreter	JICA Study Team
11	Mr. Irvan Taufik	Interpreter	JICA Study Team
12	Ms. Mari Miura	Representative	JICA Indonesia Office

Attachment 1.2 Minutes of Meeting on Counterpart Meeting in Lampung Province

MINUTES OF MEETING
of
Counterpart Meeting
with
Lampung Agriculture Agency, in Lampung
for
Distribution Mechanism Reform through Development of Wholesale Market
(Improving of Post-Harvest Handling and Marketing Facilities)
(Agriculture)

The meeting for the New TA Discussions with Lampung Counterparts, in Lampung was held on August 9th, 2011 at the Agriculture Agency of Lampung Province in Lampung. Discussion and suggestions are shown in this minutes of the meeting.

Jakarta, August 9th, 2011

(For a complete list of participant names please refer to the Attendants List.)

No.	Speaker	Summary
1.	Mr. Anshori	The targets for the second visit are getting the responses from stakeholders and some important decision regarding marketing system.
2.	Mr. Kusano	This study is divided into four stages will be completed January next year. Mr. Kusano further explained the following items: Supply and demand balance of fruits and vegetables in Indonesia in 2009. Three days continuous cargo survey in Bakauheni port from Sumatera to Jawa (1500 tons per day). Situation wholesale markets in Bandar Lampung. Management system of the new TA. Comparative analysis from three proposed sites of TA. Mr. Kusano expressed his hope that through this discussion a tentative conclusion for further study will be reached.
3.	Mr. Anshori	[Considering these] figures, policies, and existing condition in phase I, some things need to be determined. For example: when looking at the large volume of vegetables and fruits going to Jakarta from Lampung or Sumatera, it is clear the direction will be [to select] Penengahan if it is inter-island. We must see that with this new TA, it doesn't mean leaving the existing STA and other existing markets. We're still going to improve them. They have their own [target] markets. Regarding policies it is consistent with the Ministry's policies. Because TA policies are not our own but National one. For example, the Ministry had decided other STAs and the management type of TA in several provinces in Indonesia. Bandar Lampung will determine their management type. There are 3 transportation channels; Sumatera clearly has advantage. One of our concentration is products from Sumatera. The Sumatera transportation [system] from Aceh to Bakauheni must be employed. So TA also functions [to handle] Sumatera products.

		<p>The responses from Jakarta's stakeholders are good; yet for Lampung it's still varied. There has to be a dissemination/campaign period to introduce the TA further as to how the TA function, what they are going to benefit from the TA.</p> <p>There are three types of management; DKI and Kramat Jati is semi-government, East Jawa there is one that is fully-private. Lampung in my opinion cannot be fully private. Because it is a new institution/body; there are regulations to be upheld such as: quarantine, quality control, human resources development, institutional development; all of which are government functions. So for the new TA in the beginning it must be semi-government.</p> <p>Regarding the Marketing system, in my opinion, the TA will not 'put out' or replace the existing system. Instead TA will become new 'locomotive' assisting the existing system.</p> <p>A new organization and management must be developed, most importantly, to ensure that the farmers will be serviced. Perhaps there would be direct shipment to TA but other specific commodities may have to go to STA. In the future, two STAs may not be sufficient anymore.</p> <p>For policy support, [we cooperate with] Jakarta PG to join, their responses are very good. DKI PG is a very important partner. In June, this has been discussed in MPU (Mitra Praja Utama) level; with governors in Jawa and DKI. To open a cooperation with Sumatera governors; so later it will expand the cooperation.</p> <p>Today we have several items to be agreed upon. Firstly, location, and then marketing system and organization. JICA Study Team still needs to meet with stakeholders to strengthen what we are going to decide. We have also Mr.Budi from LJU among us, which also has a role with this TA.</p>
4.	Mr.Dodi	<p>Judging from the first phase result, we have approximate image of where the appropriate location will be. Are there any other considerations in regard with development policies? For example, there is the corridor-based economic development which considers the role of certain channels. This is also related to the big plan for Sunda bridge construction.</p> <p>We have also the target market consideration. For Natar and Gedong Tataan the scope is only local; we expect the market to cover Jawa also.</p> <p>We expect, concerning the management, that we can start discussing the system from upstream to downstream. We must be able to formulate this.</p>
5.	Mr.Ardi Johan	<p>Judging from the comparative analysis table, I agree that we lack the dissemination and campaign [for this TA]. We have stakeholders, farmers groups and even PG officials who are still wondering [about the concept].</p>

TMS

A - 7

✓ M

6.	Mr.Anshori	<p>The new economic scheme of Indonesia will be developed based on corridor of economy; six corridors, one is Jawa, Sumatera, Kalimantan and other islands; Sumatera is the second most important corridor. Marketing system should be up and down stream; this clearly in long term [points] to Penengahan.</p> <p>Regarding dissemination, we are going to request permission from the Governor to hold discussion in Television and meetings with associations, etc. I think the campaign should be done before the completion of the study or during the third phase of the study. We already have the responses of stakeholders; maybe next week we can start the campaign.</p> <p>To discuss the marketing system, it is more appropriate with the Ministry of Industry and Trade than the Ministry of Agriculture. Also [relevant are] the policies of BAPPEDA, Law Bureau, etc.</p>
7.	Mr.Masri	<p>From the presentation it is clear we have some questions to be answered, we should help them in acquiring that answers.</p> <p>This table roughly describe which location we are going to select and the management system we're going to employ; also the purpose for this TA. The volume of 1500 tons/day shows that it is going to be inter-island [trade], which stakeholders are going to use this TA.</p> <p>Bandar Lampung [stakeholders] is not interested because they trade locally and also export going through Panjang port. The Jawa-Sumatera stakeholders are the main 'players'; mostly West Jawa, DKI and Banten. And for Southern part of Sumatera we can invite the wholesalers, collectors and farmers.</p> <p>There are questions about where the position of the farmers would be. Naturally they will stay in upstream which are the production centers. Penengahan is far from production centers that is where STAs come to play. The farmers will be linked with STAs; we only need to improve the transportation system.</p> <p>Next for the intention of stakeholders. Kramat Jati is already saturated with products coming into it. So some of that needs to be relocated, so this [TA] is new place to support Kramat Jati. The new TA will have a lot of functions, sorting, grading, labeling, packing, so products coming into Jawa are ready to be consumed and no longer processed there.</p> <p>Regarding management, perhaps we need to make comparative analysis, out of East Jawa, Kramat Jati which has the largest profit margins. We can select the best from that analysis. Because the government needs to issue regulations [in relation to that], they have the provincial revenue as the interest in mind.</p> <p>So the rule of conduct, the system, the players need to be laid out. The dissemination for government officials and the farmers is also important because the ones on the upstream are not familiar [with this] yet. Items to be handled currently are still horticultures; rice, maize, fish, cattle are not in scope yet. That is a great potential in the future.</p>

ms

He

8.	Mr.Anshori	<p>Dissemination must not be taken as meetings at the agencies. We have to establish dialogs directly with the farmers. [Disseminations in] newspapers are also not sufficient; we must include also exhibitions; for this TA at least we need to promote with 2 booths.</p> <p>Regarding the description of what the new TA will be. We are not imitating Kramat Jati, which is only large in size but there are not a lot of functions. Our TA will have a lot of functions.</p> <p>Jakarta target market needs more exploration; because their consumers are not only the ones coming to Kramat Jati; other big buyers like supermarkets [are also important], so many investors in Jakarta are already interested in the prospect.</p>
9.	Mrs.Emil	<p>Mrs. Emil seconded the importance of dissemination; but she is not clear of what the new TA will become. For instance, mangosteen exporters in Tanggamus is active [in Lampung]; and oranges from North Sumatera is already packed; Vegetables from farmers sometimes are also directly cleaned and packed so supermarkets can receive them ready to sell. Do they have to come to the TA? So we are not clear regarding the system, and further concerning the content of disseminations.</p>
10.	Mr.Rahmat	<p>Referring to JICA report, regarding sample size we would like to ask how many the size of the sample; because we have 4-5000 traffic 40% of which is cargo. We are a little concern whether the data is representative because it will affect the next analysis.</p> <p>The TA plan will introduced new activity center and generate new traffics as well as social economic aspects in Penengahan; we somewhat object in terms of the accessibilities. We hope in the execution, the access to the main road will be minimal; because the frequency of traffic being generated is very high. We don't want the function of the main road to get deteriorated. And judging from the pictures taken, access will be limited.</p>
11.	Ms. Alberuni	<p>There are two stages in the report for Plan Composition. We'd like to inform several rules regarding AMDAL. Acting as the initiator is the Lampung PG (i.e. Agriculture Agency). The Consultant for AMDAL preparation is regulated with Ministry Regulation 07 year 2010 regarding Certificate of competence for AMDAL document consultant. They must be registered.</p> <p>Regarding the enactment [of AMDAL document], based on the jurisdiction, in case of Natar or Penengahan the initiator will be South Lampung Regency and the consultant should coordinate with them concerning the procurement. In case of Gedong Tataan the initiator will be Lampung PG because Pesawaran Regency does not have AMDAL licensing as of yet.</p>

ms

ms

12.	Mr.Anshori	<p>In response to Mrs.Emil: We don't have clear description yet [regarding new TA], but the point is it beneficial and useful for them. It does not mean everything will be taken over by the TA. For instance, some vegetables may not need to be handled in TA. So this is very technical.</p> <p>The role of STA then becomes very important even among producers themselves. The new TA will not disturb the ongoing marketing systems. For instance, mangosteen distribution will continue without waiting for the new TA.</p> <p>In response to Transportation Agency: We don't need to limit ourselves [in anticipation of this]. It is not a burden; there are a lot of solutions.</p> <p>Regarding data, please do not only correct but also assist them if you have another set of data. Regarding the sampling, they have their own methods. Some collect a percentage, others collect directly etc.</p> <p>In response to Mr.Dodi: Mr.Dodi gave us good input; there will be other transportation system, such as railroad in the next ten years.</p> <p>In response to BPLHD: This is only Feasibility Study stage; the next step will be engineering. The environmental analysis will be during facilities design. And the land procurement is not due until the next month.</p>
13.	Ms.Yamamoto	Basically our survey in Bakauheni port. If they have vegetables or fruits we check [them]. About 400 trucks per day for cargo of fruits and vegetables just for 3 days.
14.	Mr.Gando	Public consultation is it finished or not in Penengahan? Have the dissemination/public consultation been completed?
15.	Ms. Alberuni	The license needs to be decreed first; then the initiator will coordinate with the agency who will appoint a consultant. After the decree, they conduct the dissemination.
16.	Mr.Anshori	Land acquisition issue would be better addressed to Asset and Equipment Bureau; we are still on land acquisition phase.
17.	Asset Bureau	<p>We are in the inventory process and dissemination stage. The land belonged to the Lampung PG and employed by the Transportation Agency of Lampung Province (ex. truck scale) 1.8ha in size.</p> <p>Regarding expanding procurement, eleven families owned the land. Only two of them have structures, the remaining nine are empty land. The two families asked for relocation area as an exchange instead of payment.</p>
18.	Mr.Anshori	I think it will be finish in a few months. Because the budget is within this year.
19.	Mr.Masri	What other data the JICA study team required to further support Penengahan as the selected site. We are ready to support.

ms

✓ M

20.	Mr.Anshori	For our side in Lampung PG, when we set the target market to be Jakarta, then Penengahan is our location. The others are supporting [points] for Penengahan. So the main location for TA is Penengahan because it is related to the decision of the market we chose.
21.	Ms. Alberuni	We like to remind Lampung PG to make sure the procurement and environmental impact analysis to be completed before the construction is started.
22.	Ms.Yamamoto	Most controversial issue; new TA is feasible or not; especially dealing with inter-regional transaction between Sumatera and Jawa. Lampung PG can regulate transaction, To check transaction at Bakauheni port; 1) Can you check if they do not met with regulations, package, graded and certificated? 2) Can you send them back to new TA, to get packaging and certification of safety to pass Bakauheni port? 3) Can you regulate all transactions from all Sumatera province, or only Lampung province to go to Jakarta or not? That regulated range is to be decided to be the scale of the new TA.
23.	Mr.Anshori	The regulation is also will be in Jakarta; if they don't accept anymore the product is not qualified they won't consume it anymore. Jakarta has regulation No.8 year 2004; our intention is to help DKI implement this regulation. As Ms.Yamamoto said, Lampung should also implement similar complement regulation. We have to be bold in making the regulations. Consumers need healthier products in the future. [The reason why we chose] Penengahan is clear, because from the beginning we want to regulate our products and the target market is Jakarta. So dissemination to the stakeholder must be done to help JICA gather a clear input as to what the stakeholders' intentions are so to attract more investments, etc. We can obviously attract wider markets, which is inter-island trade. For instance, our Rambutan products reached all the way to Surabaya not only Jakarta. The ideal management type for now is a mix between private-sectors and the government. We have LJU, also UPTD and Agency representatives, etc. We are currently in Feasibility Study stage; there is also regulation stage and then construction. Regarding land, it is not only the size [that needs to be considered], but also the activities, which is a sensitive issue, we have pollution, waste products and since we are talking about food products this is very important.
24.	Mr.Anshori	We need to discuss with [Ministry of] Trade and Industry. Because it is related with trades and domestic trading. [It is important] to have overall picture of the domestic marketing system regulated by the government. We also would like to inform respective head of agencies that there are going to be more intensive activities in the next few months up to October, [particularly] dissemination, which will include LJU and private sectors.

LIST OF ATTENDANTS

Date: 09/08/2011
 Place : Agriculture Crops and Horticulture Agency Lampung
 Title of Meeting: Counterpart Meeting for Progress Report-1

No.	Name	Position	Organization
1	Mr. Anshori Djausal	Joint Expert staff of Development Division	TA Acceleration Committee, Lampung Provincial Government
2	Mr. Masri Yahya	Secretary of Agriculture Agency	Agricultural Agency of Food Crops and Horticulture, Lampung Provincial Government
3	Ms. Herlin Retnowati	Head of Processing and Marketing Product	Agricultural Agency of Food Crops and Horticulture, Lampung Provincial Government
4	Mrs. Alice Yasmin	Head of Promotion and Marketing Agriculture Products Section	Agricultural Agency of Food Crops and Horticulture, Lampung Provincial Government
5	Ms. Emilia K	Head of Division for Horticulture	Provincial Agency Food Crops and Horticulture, Lampung Provincial Government
6	Mr. Panca Ambar W	Head of Regional Technical Implementation Unit	Agricultural Agency of Food Crops and Horticulture, Lampung Provincial Government
7	Mr. Rahmat Susilo	Head of regional Technical Implementation Unit for Transportation Operational System	Transportation Agency, Lampung Provincial Government
8	Mr. Hasanuddin	Head of Section for Market Development	Industry and Trade Cooperative
9	Mr. Sumardi	Head of Section for Forestry Product Processing	Forestry Agency, Lampung Provincial Government
10	Mr. Iskandarsyah	Head of Regional Technical Implementation Unit for Processing Dry Land, Agricultural Land and Agricultural Machinery and Equipments	Provincial Environment Management Agency, Lampung Provincial Government
11	Mr. Mawardi	Staff of Land and Water Processing	Provincial Environment Management Agency, Lampung Provincial Government
12	Ms. Alberuni Kusumayuda	Expert, EIA (Environmental Impact Analysis) Division	Provincial Environment Management Agency, Lampung Provincial Government

MS

Handwritten signature

No.	Name	Position	Organization
13	Mr. Ichsan	Head of Equipment Bureau	Equipment and Asset Agency, Lampung Provincial Government
14	Mr. Desnini	Head of Processing & Marketing Estate Crops Division	Estate Agency
15	Mr. Mulyansyah	Head of Processing & Marketing Estate Crops Section	Estate agency
16	Mr. Rokadi	Head of Provincial Production Development Department	Economic Agency
17	Ms. S. Raudha Yulianti	Head of Distribution Section	Livestock Agency
18	Mr. Budi Mulyono	Business Director	PT Lampung Jasa Utama Limited Company
19	Ms. Yeni Tridarmayanti	Staff of Economic Division	Lampung Province BAPPEDA
20	Mr. Dodi Hendrawan	Head of production Sub Division	Lampung Province BAPPEDA (Regional Development Planning Agency)
21	Mr. Sukarsono	Marketing staff	Marines & Fisheries
22	Ms. Sulistyowati	Head of Regional Policy division	Legal Bureau
23	Ms. Veriyana V.	Staff of regional Policy division	Legal Bureau
24	Mr. Ardi Johan	Manager	Agro Outlet, Kramat Jati Wholesale Market
25	Mr. Tateo Kusano	Team leader	JICA Study Team
26	Mr. Mutsumi gando	Expert	JICA Study Team
27	Ms. Kazuko Yamamoto	Expert	JICA Study Team
28	Mr. Reza Fahmy	Interpreter	JICA Study Team
29	Mr. Irvan Taufik	interpreter	JICA Study Team

MS

JW

Attachment 1.3 Outline of Stakeholders Workshop in Lampung

Agenda of Stakeholder Meeting for New Lampung TA in Lampung JICA Study Team

Time: 9:00-11:30 am on 10th August, 2011

Place: conference room in Agriculture Crops and Horticulture Agency
of Lampung provincial government

1. Opening Remarks by Mr. Director
(9:00 to 9:05)
2. Prospect of New TA by Mr. Kusano, the leader of JICA Study Team with Q & A
(9:05 to 9:25)
3. Guidance of Today's Workshop with Q & A
(9:25 to 9:30)
4. Workshop
(9:30 to 10:10)
5. Making Presentations on the Papers and Break
(10:10 to 10:20)
6. Break
(10:20 to 10:30)
7. Presentation of Each Group's Opinions
(10:30 to 10:55)
8. Break
(10:55 to 11:00)
9. Roundup by Mr. Kusano. Q & A
(11:00 to 11:25)
10. Closing Remarks
(11:25 to 11:30)
11. Writing Questionnaires
(11:30 to 11:35)

Procedures of Stakeholders' Workshop in Lampung JICA Study Team

PREPARATION

1. Big Paper 3 x 5 groups = 15 pieces
2. Black and Red Magic pen 2 x 5 = 10
3. Gummed Tape 1
4. Cards to form groups
5. To check the conference room and decide how to arrange desks and chairs
6. To make questionnaires to individuals

WORKSHOP

1. Deliver a "Group Card" and questionnaires to each participant at the reception.
2. Each group should be organized by the following members:
 - A) 2 Farmers' Leaders
 - B) 2 Wholesalers
 - C) 2 Collectors
 - D) 2 Others, processors, international traders and so on
3. To invite the participants to the group that card shows.
4. Opening Ceremony
5. Guidance of Workshop

6. Topics of Workshop
 - A) Where is the best location for new TA among 3, Penengahan, Natar and Gedong Tataan
 - B) Are you going to be a tenant of new TA? And why?
 - C) Do you know Perda 8 2004 in DKI Jakarta? And how do you prepare for it?
 - D) How do you see the business chances in new TA?
 - E) Which do you prefer to rent a plot or to buy the exploitation right for long term? And why?
 - F) What size is appropriate for 1 plot in new TA? 8m², 10m², 12m², 14m², 16m², 24m², 32m².
 - G) What facilities are needed in new TA?
 - H) What is expected to Lampung provincial government?
 - I) What is required to new TA?
 - J) New TA in Surabaya, Pasar Induk Osowilangun Surabaya (PIOS) charges 50 Rp per 1 kg of products traded. Do you think it is appropriate?
7. Start Workshop
 - A) Self introduction
 - B) Choose 1 chairperson and 1 secretary to keep record on discussion
 - C) Discussion on subjects
8. To itemize the opinions on the paper for the presentation
9. During discussion the Japanese experts with interpreters are checking the discussion and preparation for presentation
10. Each chairperson makes presentation 5 minutes
11. Roundup by Mr. Kusano and Q & A
12. After the meeting to write questionnaires
13. Collecting questionnaires

Outputs from Workshop of Stakeholders' meeting in Lampung

August 10, 2011

At conference room in Agriculture Crops and Horticulture Agency Lampung provincial government

Group A

Preferable Site: Penengahan

Reasons:

1. The location facilitates the distribution of products from all regencies
2. The proposed new TA's proximity to Bakau Huni Ferry Port, an entrance to Java
3. The realization of new TA will be in compliant with Perda No. 8 2004 of DKI Jakarta

Expectations to new TA

1. Banks with ATM Facility needed
2. Internet accessibility for provision of information

Group B

Preferable Site: Penengahan

Reasons:

1. The proposed new TA's proximity to Bakau Huni Ferry Port
2. Only a short period transporting from new TA to center market in Jakarta and its surrounding
3. It's perceived as a better - added value site compared with others
4. A sharp acceleration for business development
5. Improvement for product quality

Expectation to new TA

1. It's believed that the new TA will be managed professionally
2. 24 hours security service
3. Maximum capacity building for all kinds of products
4. Per a visit parking fee only not based on hourly basis
5. Cold storage

us

A - 15

✓ ll

6. Banks with ATM facility
7. The building construction and the management should meet international standard

Summary of Individual Responses of Questionnaires from Stakeholders
at Stakeholders' Meeting in Lampung

2011/08/10

Questions	Answers
Number of Attendants:	14
Business Type	Farmers Leaders 4 (28.6%), Collectors 6 (42.9%), Processor 5 (35.7%), International Traders 1 (7.1%) =Plural answers
Location:	Penengahan 14 (100%), Natar 0 (0%)
Will be tenants	Yes: 12 (85.7%) No 1 (7.1%) No answer 1 (7.1%)
Will buy from new TA?	Yes: 14 (100%)
Will sell to new TA?	Yes: 13 (92.9%) No: 1 (7.9%)
Need information?	Yes: 14 (100%)
Know Perda 8 by DKI Jakarta?	Yes: 11 (78.6%)
50 Rp/kg is appropriate to use new TA?	Appropriate 8 (57.1%) High 5 (35.7%) No answer 1 (7.1%)
Business between Sumatra and Java?	Yes: 9 (64.3%)

List of Attendants

Date: 10/08/2011
Place: Agriculture Crops and Horticulture Agency Lampung provincial government
Title of Meeting: Stakeholder Meeting in Lampung

No	Name	Position	Organization
1	Mr. Ardi johan	Manager	Agro Outlet, Kramat jati Wholesale Market
2	Mr. Juanda	Head of Provincial Corporation	'Panda Tirai' Provincial Corporation
3	Mr. A Syahroni	Head of cooperative	'Serba Usaha' STA cooperative
4	Mr. Indra ferriawan	Staff	'Fanis' Provincial Corporation
5	Mr. Bambang	Manager	'Tunas' processing company
6	Mr. H. Parman	Head of farmers community forum	Tanggamus regency farmers community forum
7	Mr. Daryanto	Rice Farmer and collector	Pringsewu farmers community forum
8	Mr. Kusnadi	Vegetable farmer/business	Pringsewu farmers community forum

7/13

A - 16

✓ 7/13

No	Name	Position	Organization
		participant	
9	Mr. Sutomo	Staff	NTF Company
10	Mr. Andi Suhendi	Manager	'Andalas mekar sentosa' limited company
11	Mr. Sujani	Business man/ vegetable farmer	East lampung
12	Mr. Sukadi	Business man/ vegetable farmer	East lampung
13	Mr. Subandiyono	Business man/ vegetable farmer	East lampung
14	Mr. Tateo Kusano	Expert	JICA Study Team
15	Mr. Mutsumi Gando	Expert	JICA Study Team
16	Ms. Kazuko Yamamoto	Expert	JICA Study Team
17	Ms. Mari Miura	Representative	JICA Indonesia Office

**Summary of Individual Responses of Questionnaires from Wholesalers
after Stakeholders' Meeting in Lampung**

2011/08/14

Place: Gintung Wholesale Market in Bandar Lampung

Questions	Answers
1. Number of Attendants:	20
2. Business Type	Wholesalers 20 (100%)
3. Location:	Penengahan 18 (90.0%), Natar 2 (10.0%)
4. Will be tenants	Yes: 16 (80.0%) No 3 (15.0%) Not yet decided 1 (5.0%)
5. Will buy from new TA?	Yes: 13(65.0%), No: 5 (25.0%), Not yet decided 2 (10%)
6. Will sell to new TA?	Yes: 13 (65.0%) No: 5 (25.0%) Not yet decided 2 (10.0%)
7. Need information?	Yes: 17 (85.0%) No: 3 (15.0%) Not yet decided 2 (10.0%)
8. Know Perda 8 by DKI Jakarta?	No: 20 (100%)
9. 50 Rp/kg is appropriate to use new TA?	Appropriate 6 (30.0%) High 5 ((25.0%) Low 2 (10.0%) I don't know 7 (35.0%)

Attachment 1.4 Outline of Stakeholders Workshop in DKI Jakarta

Agenda of Stakeholder Meeting for New Lampung TA in Jakarta JICA Study Team

Time: 9:30-12:00 am on 15th August, 2011

Place: Meeting Room in Wholesale Market Kramat Jati

1. Opening Remarks by Mr. Director
(9:30 to 9:35)
2. Prospect of New TA by Mr. Kusano, the leader of JICA Study Team with Q & A
(9:35 to 9:55)
3. Guidance of Today's Workshop with Q & A
(9:55 to 10:00)
4. Workshop
(10:00 to 10:40)
5. Making Presentations on the Papers and Break
(10:40 to 10:50)
6. Break
(10:50 to 11:00)
7. Presentation of Each Group's Opinions
(11:00 to 11:25)
8. Break
(11:25 to 11:30)
9. Roundup by Mr. Kusano, Q & A
(11:30 to 11:45)
10. Closing Remarks
(11:45 to 11:50)
11. Writing Questionnaires
(11:50 to 12:00)

Procedures of Stakeholders' Workshop in Jakarta JICA Study Team

WORKSHOP

1. Deliver questionnaires to each participant at the reception.
2. Each group should be organized 6-8 members:
3. Opening Ceremony
4. Guidance of Workshop
 - A) To focus on the inter regional distribution and
 - B) to explain the business chances with new TA
 - i. Added value by grading and packaging
 - ii. Reduce the cost of transportation to reduce weight and space
 - iii. Added value to have the guarantee of the quality of the products
 - iv. Advantage to accumulate products and information
 - v. Efficient payment system
 - vi. Others
5. To explain the Topics of Workshop
 - A) Which is better location for new TA, Penengahan or Natar?
 - B) Inter Regional Flow
 - C) Advantages and Disadvantages on new TA
 - D) Perda 8 2004 in DKI Jakarta
 - E) Requests to Lampung provincial government?
 - F) Requirements to New TA

6. Start Workshop
 - A) Self introduction
 - B) Choose 1 chairperson and 1 secretary to keep record on discussion
 - C) Discussion on subjects
7. To make presentation
 - A) To itemize the opinions on the paper for the presentation
 - B) To choose the better site within Penengahan and Natar
8. Each chairperson makes presentation 5 minutes
9. Roundup by Mr. Kusano and Q & A
10. After the meeting to write questionnaires
11. To submit questionnaires to JICA Study Team

Outputs from Workshop of Stakeholders' meeting in Jakarta

August 15, 2011

At Meeting Room in Wholesale Market Kramat Jati

Group A

Preferable Site: Penengahan

Reasons:

1. Because it is closer to the port. It can reduce the cost.
2. Standard of quality will be guaranteed.

Expectations to new TA

1. Cold storage
2. Good social and public facilities
3. Vehicles and People flow must be separated
4. Tight security
5. Loading and unloading facilities must be adequate
6. Accessible 24 hours

Group B

Preferable Site: Penengahan

Reasons:

1. Distribution line will be much shorter.
2. Trading system will be much more effective

Expectations to new TA

1. The loading and unloading facilities have to be managed professionally;
2. Using improved technology.
3. No hoodlums
4. Give more employment opportunities in Kramat Jati.

Summary of Individual Responses of Questionnaires from Stakeholders
at Stakeholders' Meeting in Jakarta

2011/08/15

Questions	Answers
Number of Attendants:	10
Business Type	Wholesalers 9 (90%), developer 1 (10%)
Location:	Penengahan 4 (40%), Natar 0 (0%) no answer 6 (60%)

Will be tenants	Yes: 4 (40%) No: 5 (50%) Not decided: 1 (10%)
Will buy from new TA?	Yes: 2 (20%) No: 5 (50%) Not decided: 1 (10%) No answer: 2 (20%)
Will sell to new TA?	Yes: 0 (0%) No: 5 (50%) No answer: 5 (50%)
Need information?	Yes: 5 (50%) No: 2 (20%)
Know Perda 8 by DKI Jakarta?	Yes: 2 (20%) No: 5 (50%)
50 Rp/kg is appropriate to use new TA?	Appropriate: 1 (10%) Low: 1 (10%) High: 4 (40%) No answer: 4 (40%)
Business between Sumatra and Java?	Yes: 5 (50%) No answer: 4 (40%)

List of Attendants

Date: 15/08/2011
Place: Meeting Room in Pasar Induk (Wholesale Market) Kramat Jati
Title of Meeting: Stakeholder Meeting in Jakarta

No	Name	Position	Organization
1	Ms. Niken S.A.	Staff	Ministry of Agriculture
2	Mr. Ardi Johan	Manager	Agro Outlet Lampung
3	Mr. Reynaldi	Staff	Ministry of Agriculture
4	Mr. Sugiyono	Business Agent	Management of Kramat Jati Wholesale market
5	Mr. Yardi	BAPENGGAR	Head of General Affairs
6	Mr. Toto	Trader	
7	Mr. S. Margono		Market Cooperative
8	Mr. A. Wafiq		Market Cooperative
9	Mr. Subkham	Trader	
10	Mr. Madi	Trader	
11	Mr. M. Sokhib	Trader	
12	Mr. M. Ali Subki	Trader	
13	Mr. H. Juheri	Trader	
14	Mr. Budi Pohan	PT. TSS	
15	Mr. Iskak Setiawan	PT. TSS	
16	Mr. M. Kamdi	Supplier	
17	Mr. Yaqut	Supplier	
18	Mr. Rokhani	Supplier	
19	Mr. Rakijan	Supplier	
20	Mr. Idrus Zen	SME Consultant	BDS Harmoni

Attachment 2.1 Meeting Record in East Jawa

Meeting Record

Title of Meeting : Improvement Plan of Operation and Management of STA Mantung
Place : Agency of Agriculture, Malang Regency Office
Date : 9 August 2011
Time : 1.00 PM until 3.00 PM
Attendants : 18 persons as attached.
Material : As attached.

Mr. Takuya Nakagawa, an expert of marketing and project evaluation from the JICA study team, firstly presented the explanation of the study result, based on the presentation material attached. After the presentation, the discussion was held. Main points discussed were summarized as below.

A staff of the agency of agriculture stated that there are some farmers who do not use STA and directly send vegetables to consumer areas, such as TA. How can we cope with this situation? The study team replies that STA must be attractive to farmers. Basically, STA must be open to farmers who want to sell vegetables. As transaction volume increases (with quality), many buyers come to STA. This cycle will create attractiveness of STA for farmers. Socialization is also important to farmers and small scale collectors. In order to keep buying prices high, there is a policy tool such as giving subsidy. However, it is not a good idea to give subsidies to purchase vegetables from farmers, because it is not sustainable.

A farmer commented that there is a way of thinking by people that food is only rice, and vegetables do not occupy an important position. Therefore, government should have a responsibility to change this notion. Possibly through information which is provided by the government by such as radio and TV program can change this notion.

A farmer mentioned that in order to raise value added, the some processing facilities are needed in the STA. The JICA study team commented that certainly such facilities are needed when STA is running well.

A farmer and a staff of the agency of agriculture stated that there is a mismatch between production and consumption. Though vegetables are overproduced in some areas, some consumer areas suffer from lack of vegetables and receive imported vegetables. The JICA study team mentioned that there is no comprehensive information network system at the national level to monitor vegetable demand and supply. Linkage between STAs and TA (consumers areas) at national level can be an issue for discussion. Similarly, a farmer continued that there is one agricultural product which is failed to compete with other countries so we stop production, namely onion, what is the solution? The study team commented that the comprehensive solution and cooperation among related stakeholders. For farmer's side, obviously efforts to raise the quality with reasonable price which is required by consumers are indispensable. For government side, extension services to raise quality, and introduction of good seeds (research and development) are also important.

A farmer said that increasing number of farmers who enter the STA will give an impact on waste management. The study team commented that waste management will become a concern and therefore we recommend a waste management system. Of course, the efforts are important to reduce the waste by better processing. And it is also important that waste is to be processed into organic fertilizer. The rest of the real waste should be treated properly.

A staff of the agency commented that improvement of income collection will be depending upon the Bupati's policy.

As discussed above, though some comments and discussion were made, basically the recommendations on improvement plan of operation and management of STA Mantung were agreed and accepted by the participants. A staff commented that they will refer to the recommendations for further activities for this STA.

List of Attendants

Date: 9 August 2011

Place: Agency of Agriculture, Malang Regency

Title of Meeting: Improvement Plan of Operation and Management of STA Mantung

No.	Name	Organization	Position
1	Dwita Nirmala	Agency of Agriculture	Secretary
2	M. Tosin	Service Station of Biological Agents Pujon	-
3	Ganef Sulisty	Agency of Agriculture	Department of Plantation
4	Hari Iswanto	Federation of Farmer Group/Pujon	-
5	Sudrakhman	Federation of Farmer Group	-
6	Hisrul Majedi	Farmer Group	-
7	M. Yusuf	Federation of Farmer Group Kecamatan	-
8	Totok P.	STA Mantung	Department of Horticulture
9	Ajunuddin	Agency of Agriculture	Department of Crop Handling and Marketing
10	Agusti S.	Agency of Agriculture	Department of Production
11	Ali Mansur	Federation of Farmer Group Pujon	Member
12	Kosirin	Federation of Farmer Group Pujon	Member
13	Kusnan	Federation of Farmer Group Pujon	Member
14	Wisno Ajis	Federation of Farmer Group Pujon	Member
15	Toshiya Watanabe	JICA Study Team	Facility Planning (STA)
16	Takuya Nakagawa	JICA Study Team	Marketing and Project Evaluation
17	Ahmad Muam	JICA Study Team	Interpreter
18	Agung Afgani Yosi	JICA Study Team	Interpreter

us

✓ 12

Attachment 2.2 Meeting Record in North Sumatra

Meeting Record

Title of Meeting : Improvement Plan of Operation and Management of STA Saribudolok
Place : Agency of Agriculture, Simalungun Regency Office
Date : 12 August 2011
Time : 2.00 PM until 4.30 PM
Attendants : 33 persons as attached.
Material : As attached.

First of all, Drs. Iismail Ginting Msi., the head of the regional secretariat, made his opening address and stated that AGROMEDEAR's management of the STA was failed, and the STA is not operated fully now. Therefore the JICA study team's recommendation is expected as an input for future improvement of operation and management of the STA. Secondly, the head of the agency of agriculture, Mr. Amran Sinaga, also made his address.

Following these opening remarks, Mr. Takuya Nakagawa, an expert of marketing and project evaluation from the JICA study team, firstly presented the explanation of the study result based on the presentation material attached. After the presentation, the discussion was held. Main points discussed were summarized as below.

A representative of farmers group (GAPOKTAN) stated that the JICA team's presentation is good. The failure of STA is the one of AGROMEDEAR. GAPOKTAN wants STA to be brought back to the government. PD AGROMEDEAR has to be responsible for its failures. In Wednesday open market, there are actually illegal unofficial fees and therefore the existence of these fees is one of the reasons that farmers feel reluctant to bring vegetable to the STA. The management must be transparent. Head of the agency of agriculture Simalungun stated that we will discuss and continue this discussion for further decision of the STA management.

A member staff of the agency commented that cultural issues among stakeholders also should be considered. In this sense, all stakeholders are needed to gather and discuss.

Head of Bappeda commented that an important question is who will be the manager. The company's success depends on the management. STA must work as it envisages. What did not work, such as AGROMEDEAR, must be removed from the system. In Purba district, the Ministry of Commerce will build a storage warehouse which is expected to synergize with the STA.

A representative of cooperative of small collectors stated that a proposal has been submitted to the agency of agriculture for the cooperative to use the STA. If the management is not by AGROMEDEAR, perhaps STA should run well. As of now, STA facilities are not maintained; there are many illegal fees; the arrangements of booth are not good; and the STA is operated only once a week so it does not provide the PAD (regional revenue). Electricity is also disconnected now by the State Electricity Company. It would be happy if our proposal is considered. In reply to this comment, Head of the agency stated that we accept and welcome any proposal. A follow-up for deciding a new concept is required.

An officer from the agency of agriculture from the provincial government commented that Indonesia has 112 STAs, and in North Sumatra, there are 7 STAs and 1 TA (Pematangsiantar). Therefore, we need to seek what is the best example which can be applied to this STA. In addition to the renovation of booths, it can be considered also to have training center building, bank building, and construction of organic fertilizer processing unit besides the STA. And, as additional information, there is a plan to build a wholesale market (TA) in Medan. All these things had better to be considered.

At the end, Head of the agency of agriculture expressed his appreciation to the JICA study team on its recommendation. He emphasized the importance of further examination of all aspects of all proposals from e.g. cooperative of collectors and the JICA team. He stated that he wants that this STA will be a model for other STAs.

List of Attendants

Date: 12 August 2011

Place: Agency of Agriculture, Simalungun Regency Office

Title of Meeting: Improvement Plan of Operation and Management of STA Saribudolok

No.	Name	Organization	Position
1	Bangun Gantinius	Agency of Fisheries and Livestock	Secretary
2	Zainal Abidin	Federation of Farmer Group Saribudolok	Head of Agency
3	Jakorasmen Purba	Farmers Market Association Gulasari	Head of Association
4	Dearmando Damanik	Regional Unit of Integrated Implementation Silimakuta	Staff
5	Sumihar Situmorang	B4K4KP Simalungun	Head of Food Security Department
6	Mintarina Sipayuk	Regional Unit of Integrated Implementation Purba	Head of Unit
7	Mislaini Saragih	Regional Secretariat of Simalungun Regency	Head of Division of Natural Resource Administration
8	Sariani Damanik	Agency of Industry and Trade	Secretary
9	Erni Saragih	Regional Secretariat of Simalungun Regency	Sub-division of Natural Resource Administration
10	Surawar Purba	Cinta Desa Cooperative, Saribudolok	Member
11	Paska Sipayung	Cinta Desa Cooperative, Saribudolok	Member
12	Rudi Saragih	Cinta Desa Cooperative, Saribudolok	Member
13	Fenry Girsang	Cinta Desa Cooperative, Saribudolok	Member
14	Parman Sipayung	Cinta Desa Cooperative, Saribudolok	Member
15	Roni Sipayung	Cinta Desa Cooperative, Saribudolok	Head of Cooperative
16	Ramulak Sinaga	Cinta Desa Cooperative, Saribudolok	Treasurer
17	Risden Sipayung	Agency of Plantation	Head of Department
18	Robert Tua Siregar	Agency of Plantation	Secretary
19	Hormauli Purba	Agency of Agriculture	Head of Division
20	Imelda	Agency of Agriculture	Staff
21	Diben Simbolon	Agency of Agriculture	Head of Agribusiness and Agroindustrial Department
22	Marwan Dapot	Agency of Agriculture	Staff
23	Satria Hamdani	Agency of Agriculture	Staff
24	Reno Wijaya	Agency of Agriculture	Staff
25	Binsar Situmorang	Regional Development Planning Agency	Head of Agency
26	Latif Nasution	Regional Secretariat of Simalungun Regency	Deputy head
27	Joni Aleim Purba	Provincial Agency of	Head of BBI Kota Gaduy

WS

A - 24

✓

		Agriculture, North Sumatera	Berastagi
28	Amran Sinaga	Agency of Agriculture	Head of Agency
29	Drs. Iismail Ginting Msi.	Regional Secretariat of Simalungun Regency	Head
30	Toshiya Watanabe	JICA Study Team	Facility Planning (STA)
31	Takuya Nakagawa	JICA Study Team	Marketing and Project Evaluation
32	Ahmad Muam	JICA Study Team	Interpreter
33	Agung Afgani Yosi	JICA Study Team	Interpreter

W

A - 25

✓ M

Attachment 2.3 Meeting Record in South Sulawesi

Meeting Record

Title of Meeting : Improvement Plan of Operation and Management of STA Pattapang
Place : Agency of Agriculture, Gowa Regency Office
Date : 10 August 2011
Time : 10.00 PM until 12.00 PM
Attendants : 30 persons as attached.
Material : As attached.

Mr. Takuya Nakagawa, an expert of marketing and project evaluation from the JICA study team, firstly presented the explanation of the study result based on the presentation material attached. After the presentation, the discussion was held. Main points discussed were summarized as below.

The Director of PERUSDA commented that the JICA team conducted a rigid research. The most important thing is the role of government to facilitate farmers and other stakeholders so that farmers can get into the STA. Farmers do not know appropriate information. Government should facilitate to socialize this STA for farmers so that one of the important effects can be achieved such as protecting farmers from the prices fluctuation. Some sorts of forum among stakeholders are also important. The head of the agency of agriculture said that basically this STA must be operated by PERUSDA in a proper manner. The facilities were developed by the government, and operation must be made by PERUSDA.

A staff of the agency of agriculture commented that the model proposed by the JICA team is interesting. One confirmation is needed about land status. Another staff replied that land of the STA was granted and the letters regarding this grant had been already issued and in the provincial government. In addition, he mentioned the importance of farmers cooperative. Farmers now sell their products collectors who come to them. If cooperative of farmers can be strengthened, farmers can collectively act and send vegetables to the STA.

A staff of STA Pattapang stated that the JICA study team introduced a new concept as the STA is a place of facilitation, which is different from the past concept that the government buy directly from farmers.

The head of the agency commented that the main difficulties are lack of fund for the improvement of operation and management of the STA. It would be good if JICA can provide actual assistance based on this recommendation not only just proposing them.

List of Attendants

Date: 10 August 2011

Place: Agency of Agriculture, Gowa Regency Office

Title of Meeting: Improvement Plan of Operation and Management of STA Pattapang

No.	Name	Organization	Position
1	Ir. Asriawan Umar	Agency of Agriculture	Head of Agency
2	H. Abdul Rauf	Agency of Agriculture	Head of Food Cultivation Department
3	H. Zulkarnaen	Agency of Agriculture	Head of Horticulture Department
4	Wakito	PERUSDA (Regional Company)	Director
5	H. Mukhsin Tahir	Agency of Agriculture	Head of PLA Department
6	A. Mappatangka	Agency of Agriculture	Staff
7	Alimuddin S.P.	KCD Tinggimoncong	-
8	Muh. Said	Agency of Agriculture	Head of Division of Food Cultivation Production
9	Abdul Jalil	Agency of Agriculture	Consultant
10	Hj. Sahriwati	Agency of Agriculture	Consultant

11	Siti Jamila Mustari	Agency of Agriculture	Head of Division of Instrumentation
12	Mulisty Said	Agency of Agriculture	Head of Division of Seed Production
13	Gulhani	Agency of Agriculture	Head of Division of Horticulture Technical Package Supplying
14	Nirnawatia	Agency of Agriculture	Staff
15	Nurmini	Agency of Agriculture	Staff
16	Chandra Dewi	Agency of Agriculture	Staff
17	Herlinda	Agency of Agriculture	Staff
18	Andi Tenri Fitriani	Agency of Agriculture	Staff
19	Fatmawati	Agency of Agriculture	Staff
20	Bungawati	Agency of Agriculture	Head of Division of Post-Harvest and Crop Handling
21	Nurbaya	Agency of Agriculture	Head of Marketing Division
22	Siti Nurhaedah	Agency of Agriculture	Information Technology
23	Hj. Sri Mujahidah	Agency of Agriculture	Head of PPHP Department
24	Maryani Pagassugi	Agency of Agriculture	Head of Human Resource Development Department
25	Ichsan	Agency of Agriculture	Staff
26	Vera	STA Pattapang	Coordinator
27	Toshiya Watanabe	JICA Study Team	Facility Planning (STA)
28	Takuya Nakagawa	JICA Study Team	Marketing and Project Evaluation
29	Ahmad Muam	JICA Study Team	Interpreter
30	Agung Afgani Yosi	JICA Study Team	Interpreter

ms

A - 27

✓ all

A - 47

3.3 Minutes of Meeting on Joint Counterpart Meeting (Phase 3 Work in Indonesia)

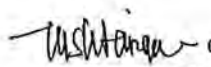
Minutes of Meeting of
Joint Counterpart Meeting
with
Ministry of Agriculture,
and Agriculture Agency of Food Crops and Horticulture, Lampung Province
for
Distribution Mechanism Reform through Development of Wholesale Market
(Improvement of Post-Harvest Handling and Marketing Facilities)
(Agriculture)

The meeting for the presentation on the results of phase 3 work in Indonesia was held on November 11th, 2011 at the Ministry of Agriculture in Jakarta. Discussion and suggestions are shown in this minutes of the meeting.

Jakarta, November 11, 2011



Mr. Tateo Kusano
Study Team Leader
JICA Study Team
Japan



Mr. Mesah Tarigan
Director for Directorate of International Marketing
Ministry of Agriculture
Republic of Indonesia

No	Speaker	Summary
1.	Mr. Mesah Tarigan	<p>Welcome to all participants. Today, we actually invite people from Lampung Province Agriculture Agency, Mrs. Herlin.</p> <p>I invite the Study Team to give their presentation.</p>
2.	Mr. Kusano	<p>Phase 3 focuses on design of new TA. In mid-December we will submit the draft final report, but we will give you the first draft so you can analyze it first.</p> <ul style="list-style-type: none"> ▪ The Necessity for new TA development (refer to page 6 and 7 of the document) ▪ Results of Origin and Destination Survey (refer to page 9 and 10). ▪ Current distribution flow of banana (refer to page 11). ▪ Expected Distribution Flow of Banana; Initial step (refer to page 12). ▪ Expected Distribution Flow in New TA (refer to page 13). ▪ Condition of banana distribution from producer area to consumer area (refer to page 14). ▪ Waste reduction aims (refer to page 15). ▪ Value chain analysis of banana (page 16). ▪ Expected distribution flow of new TA; further steps (refer to page 17). ▪ Overview of facilities design (refer to page 19, 20). ▪ Summary of Development plan (refer to page 23). ▪ Project Evaluation (refer to page 24). ▪ Future Schedule: after phase-3 work, in phase-4 work.
3.	Mr. Mesah Tarigan	<p>Thank you for your comprehensive explanation. Unfortunately Mrs. Herlin who is key person in this discussion has not arrived yet from Lampung.</p> <p>Lampung is a very important province for banana. when people talk about banana they immediately think of Lampung. Small-sized variety of Lampung Banana is a favorite here.</p> <p>We are still asking about implementation of PERDA 8. By developing this new TA, I think this will be a trigger to implement this PERDA as soon as possible. To the provincial government of Lampung to enforce implementation of PERDA as soon as possible. One of supporting program is this new TA in Lampung.</p> <p>My first question based on this presentation; Initial development will be 11 ha, is that affirmative? What size is prepared for this project?</p>
4.	Mr. Komaruddin	50 ha.

5.	Mr. Mesah	Yes 50 ha.
6.	Mr. Senba	<p>I really appreciate your explanation. I agree with your approach; to start with banana not entire, focusing on high value-added market. because the value chain (page 16), if we are going to try to deal with entire market, maybe some people engaging in current distribution might lose their job; so some people might not like drastic change. So very nice approach to convince many people to invite to show benefit of the wholesale market by dealing with small parts. Focusing on small segment. I think this approach is very nice.</p> <p>One question; page 19-20 about the volume of around 500 tons; I didn't understand this number; is this potential volume of banana only or all commodities?</p>
7.	Mr. Kusano	<p>From Lampung to Jakarta it's 550 tons.</p> <p>Originally we are planning at the center, [another] marketing hall. We postponed, this is only focused on 11 ha.</p>
8.	Mr. Mesah	<p>If I compare to Tanah Tinggi wholesale market, as I mentioned in previous meeting, in the first 3 years of development; there were a lot of unrented space. Entering 4th or 5th year, it is full and the management now said it needs to expand to accommodate the demands from traders.</p> <p>Have you considered the expansion in the future. We have trans-Sumatera highway, so the future is very potential.</p>
9.	Mr. Kusano	<p>Our approach is a very careful one, to reduce the risk of the TA not being used.</p> <p>In South Sumatera there are two options, in both cases, quality control, grading, sorting in Jakarta exist. While in new TA, in both cases can be used.</p> <p>This TA is different than other TAs. This some kind of function of STA covering some distributor agents. In some point it's very difficult to do sorting, grading, other STAs still exist, so this function never changed.</p> <p>So success of initial stage is a must for this TA.</p>
10.	Mr. Suwarso	<p>I noticed in the presentation document, this is a distribution market much like the terminal. I suggest that in next December the Director General of Trade of the Republic of Indonesia should be invited, also the Division of Commodities in the Bappebti.</p> <p>We in Bilateral Cooperation usually only handles when some problem arise and look for negotiation to solve them.</p> <p>For Cavendish banana, how can JICA help make export to Japan and other countries. I know that 6 bananas in Japan could cost between 100 and 150 yen. And the variety of Lampung Banana could reach up to 300 yen per 6 pieces. Lampung banana is more profitable. If you can assist, it is actually very profitable, you can market them in Japan with a</p>

		good price.
11.	Mr. Mesah	<p>We invited your department so we can learn some information regarding aid, because there are two aid so far, one for this TA project and the other is for Jatisari project. So in this context, we ask for your involvement to confirm such things. Next meeting we will invite the parties you suggested.</p> <p>Regarding Japanese Import policy, they have made it easier with the institution of zero-tariff for their imports. We are the ones who are not ready yet to make good use of this opportunity. So we are still initiating this, so in the near future we can make some exports to Japan.</p>
12.	Mr. Suwarso	Yes, so an assistance has been given.
13.	Mr. Mesah	<p>We cannot make export due to fruit flies. We must improve the quality first, and their side has helped on improving the quality.</p> <p>Currently, they already contribute with two projects, one is distribution mechanism, and other with implementation project to eradicate fruit flies, also mango.</p>
14.	Mr. Senba	<p>It seems AJEPA is mentioned,</p> <p>We want to introduced this project [involving] mango and banana. because according to AJEPA, the price and tariff is better but all fruit currently in Japan is coming from Phillipines.</p> <p>It's a good idea to export but we didn't find any [yet from Indonesia]; Not only Cavendish but local Lampung variety is very nice.</p> <p>Unfortunately the requirement for quality [in Japan] is very high. They pay very much attention to appearance,</p> <p>After this project is implemented maybe it's very nice to invite investors, to tell that they can get directly products in bulk here. Because currently they cannot collect by themselves; they don't have access directly to production site.</p>
15.	Mr. Mesah	<p>They can get commodities ready to export not only banana but also other tropical fruit.</p> <p>I'm glad Mrs. Herlin can join us now</p> <p>So in mid December you will come to present the draft final report of the project. Is there any other comment from participants?</p>
16.	Mrs. Novi	<p>Firstly, regarding the study, I wish to see the design and IRR, maybe this will be presented in phase 4. So I'm looking forward to seeing these things in phase 4.</p> <p>We'd like to ask Lampung Provincial Government side, what kind of steps are under way and had been done until now, and what is the anticipation for this development. Because there will be obstacles, should the construction be implemented.</p>

		Will it also involves the Ministry of Agriculture, or private sector.
17.	Mr. Kusano	<p>Yes we will come on middle of December to present the draft final report.</p> <p>In initial stage, we have a preliminary draft, but it can still change.</p> <p>Economic benefit will do various options, and we can decide a size. Before we submit, we can give the draft to you</p> <p>The reason the economy internal rate of return was not so high, because we only focused on banana, the benefit is limited. Even then, we ask what size is optimal.</p>
18.	Mr. Nakagawa	I'm the one who manage the economy [aspects]. How many percentage of IRR is adopted from your side, if you can give us standard or range that would be great.
19.	Mr. Mesah	We don't have reference for IRR right now, but we of course expect for high IRR if it can be achieved.
20.	Mrs. Herlin	<p>I apologize for being late, my plane was delayed; and I apologize for Mr. Bihikmi's absence due to the installment of civil service in other province.</p> <p>Firstly, the location is already cleared in Penengahan. Secondly, it is for distribution flow from Sumatera to Jawa. And the other, the focus is set on horticultures and more specifically banana.</p> <p>And then, as a follow up of this third phase, we have agreed with the local consultant, that on mid December we will make presentation before the Governor and the Study Team have also expressed their agreement, so we are setting the date for this.</p> <p>After the finalization, we plan to have an official delivery of the Study result to Lampung Provincial government.</p> <p>In response to Mrs. Novi questions, we need to state that we set the TA operational target in the beginning of 2014. In the process we have done several steps since late of 2009. In 2011 we have procured an additional 1,8 ha from the existing 10 ha; so it is almost 12 ha. So it is this area that the Study Team designed. For expansion, the Study Team recommend to stabilize the horticultures until 2015. In 2012 we will add procurement until 50 ha.</p> <p>There is still new expansion being reserved to the back spanning 3 km. This is planned for a special economic zone covering 300 ha.</p> <p>Next, we will prepare the institution and management. The other day we have done a study tour led by the governor to the Osowilangun and Puspa Agro wholesale market. And also to Thailand at the end of 2009, before we made the acceleration committee.</p> <p>We prepare a management body that is PT. Lampung Jasa Utama. Obviously we try to find the best collaboration scheme, and it definitely will not be fully government scheme. If the Study Team has any suggestion, we will gladly consider it.</p> <p>For South Lampung we already prepared for banana processing facility. And also we prepare for the supporting institutions, from farmer</p>

		<p>groups up to STAs. STA's coverage is maybe small because its size only average around 200 m², compared to TA hall which cover 200 m x 60 m in size.</p> <p>Regencies like Pesawaran represents around 42 percent of banana production centers, while South Lampung represents around 38 percent. This two regencies were once one regency.</p> <p>And then, for physical preparation, in 2012 we have allocated budget to build an access road infrastructures; the one approaching the facility and the one surrounding it. Also, fencing, main building, and information center will be constructed by the Irrigation and Settlement Agency. Other facilities will be done gradually, since this TA development requires a large amount of budget, on this opportunity we also invite all parties from the Ministry of Agriculture and investors from JICA or Japan side to consider support for funding.</p> <p>We have also made schedule for presentation before Commission IV to seek support, which ones will be funded by Provincial budget, which ones will be by Central budget or Other country.</p>
21.	Mr. Suwarso	One question, what is 'Rames' banana?
22.	Mrs. Herlin	'Rames' or 'racuk' as it called in Lampung is a mixed batch of various variety of bananas.
23.	Mr. Kusano	Regarding report we need to clarify with Lampung province. According to the original schedule, both of progress report 3 and draft final report have to be prepared before the middle of December but we have too little time, so we will skip progress report 3. Is that ok?
24.	Mrs. Herlin	It's ok
25.	Mr. Mesah	<p>Thank you for your hard work and report. We also thank Mr.Senba.</p> <p>To Mrs. Herlin please prepare for the presentation to the Governor. (Closing the meeting).</p>

LIST OF ATTENDANTS

Date: 11/November/2011
 Place: MOA (Ministry of Agriculture)
 Title of Meeting: Joint Counterpart Meeting on Feasibility Study in Phase 3 Work

No.	Name	Position	Organization
1.	Mr.Mesah Tarigan	Director	Directorate of Intenational Marketing, Ministry of Agriculture (MOA)
2.	Mr.Untung Suwarso	Deputy Director of Bilateral Cooperation	Ministry of Trade
3.	Mr.Dedi Junaedi	Deputy Director of Bilateral Cooperation	Ministry of Agriculture
4.	Mr. Komaruddin	Head of Section of Asia Pacific and America	Directorate of International Marketing, MOA
5.	Mrs. Ermia Sofiyessi	Head of Section of America, Middle East and Europe	Directorate of International Marketing
6.	Mrs. Novi Suryani	Head of Section of Market Facility, Directorate of Market Facility and Institution	Domestic Marketing, Directorate of Processing and Marketing of Agriculture Products
7.	Mrs. Herlin R.	Head of Division	Agriculture, Food Crops and Horticulture Agency, Lampung Province
8.	Mrs. Ely Novrianty	Staff of Asia Pacific and America	Directorate of International Marketing
9.	Mrs. Ria S	Staff of America, Middle East and Europe	Directorate of International Marketing
10.	Mr. Toru Semba	Attache	Embassy of Japan
11.	Mr. Tateo Kusano	Team Leader	JICA Study Team
12.	Mr. Yoshiya Nakanishi	Expert	JICA Study Team
13.	Mr. Takuya Nakagawa	Expert	JICA Study Team
14.	Mr. Reza F	Interpreter	JICA
15.	Mr. Irvan Taufik	Interpreter	JICA

3.4 Minutes of Meeting on Joint Counterpart Meeting (Phase 4 Work in Indonesia)

MINUTES OF MEETING

of

Distribution Mechanism Reform through Development of Wholesale Market (Improving of Post-Harvest Handling and Marketing Facilities)

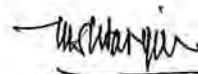
(Agriculture)

The joint counterpart meeting on the draft final report in the phase 4 work in Indonesia for the Distribution Mechanism Reform through Development of Wholesale Market (Improving of Post-Harvest Handling and Marketing Facilities) (Agriculture) was held on December 21st, 2011 at the Ministry of Agriculture in Jakarta. Discussion and comments are shown in this minutes of the meeting.

Jakarta, December 21st, 2011



Mr. Tateo Kusano
Study Team Leader
JICA Study Team
Japan



Mr. Mesah Tarigan
Director,
Directorate of International Marketing
Ministry of Agriculture
Republic of Indonesia



Mr. Bihikmie Soefian
Director
Food Crops and Horticulture Agency
Lampung Province
Republic of Indonesia

1. Acceptance of the Draft Final Report

Regarding the draft final report, the content was basically accepted by the Indonesian side after the explanation by the leader of JICA Study Team, Mr. Kusano.

2. Official comments from Indonesian side on the Draft Final Report

Mr. Kusano requested the Indonesian side to send the comments on the draft final report by December 31, 2011, if any. The Indonesian side accepted this arrangement.

(For a complete list of participant names please refer to the Attendants List.)

LIST OF ATTENDANTS

Date: 21/Dec/2011
 Place: MOA (Ministry of Agriculture)
 Title of Meeting: Joint Counterpart Meeting on Draft Final Report

No.	Name	Position	Organization
1.	Mr. Zaenal Bachrudi	Director General	Directorate General of Agriculture Product Processing and Marketing, Ministry of Agriculture
2.	Mr. Moh. Aswide	Director General of Domestic Trade	Ministry of Commerce
3.	Mr. Bihikmi Soefian	Director	Food Crop and Horticulture, Agriculture Agency of Lampung Province
4.	Mr. Mesah Tarigan	Director	Director of International Marketing, Ministry of Agriculture
5.	Mr. Dedi Junaedi	Deputy Director of Bilateral Cooperation	Directorate of International Marketing
6.	Mrs. Herlin R	Head of Division	Food Crop and Horticulture, Agriculture Agency of Lampung Province
7.	Mr. Sumardi Noor	Staff	Directorate General of Horticulture
8.	Mr. Budi Permadi	Staff	Directorate General of Horticulture
9.	Ms. Widhi Adryana	Staff	Directorate of PUI
10.	Ms. Andi Amida M	Staff	Secretariate of Directorate General of Processing & Marketing Agriculture Product
11.	Mr. Efi Sofyadi	Head of Sub Directorate of Market Infrastructure	Ministry of Agriculture
12.	Mrs. Novi Suryani	Head of Section of Market Facility, Directorate of Market Facility and Institution	Directorate of International Marketing
13.	Mr. Suherman	Staff	Directorate of PUI
14.	Mr. Akbar	Staff	Directorate of PUI
15.	Mr. Januar Al	Staff	Directorate of PUI
16.	Mr. Siti Noor Jannah	Staff	Directorate of Farmers Communication
17.	Ms. Niken sukma	Staff of Bilateral Marketing	Directorate of International Marketing, Ministry of Agriculture
18.	Mrs. Ria S	Staff of America, Middle East and Europe	Directorate of International Marketing, Ministry of Agriculture

LIST OF ATTENDANTS

Date: 21/Dec/2011

Place: MOA (Ministry of Agriculture)

Title of Meeting: Joint Counterpart Meeting on Draft Final Report

19.	Mrs. Ely Novrianty	Staff of Asia Pacific and America	Directorate of International Marketing, Ministry of Agriculture
20.	Mr. Komarudin	Head of Section of Asia Pacific and America	Directorate of International Marketing, Ministry of Agriculture
21.	Mrs. Priliani S.	Staff	Center for Foreign Cooperation, Ministry of Agriculture
22.	Mr. Sukarman	Staff	Directorate General
23.	Mr. Susanto	Staff	Directorate of PHP
24.	Mr. Toru Semba	Attache	Embassy of Japan
25.	Mr. Tateo Kusano	Team Leader	JICA Study Team
26.	Mr. Mutsumi Gando	Expert	JICA Study Team
27.	Mr. Takuya Nakagawa	Expert	JICA Study Team
28.	Mr. Ahmad Muam	Interpreter	JICA
29.	Mr. Irvan Taufik	Interpreter	JICA

Attachment Record of Meeting of Counterpart Meeting in Lampung Province

RECORD OF MEETING

of

Distribution Mechanism Reform through Development of Wholesale Market (Improving of Post-Harvest Handling and Marketing Facilities) (Agriculture)

The counterpart meeting on the draft final report in the phase 4 work on the Distribution Mechanism Reform through Development of Wholesale Market (Improving of Post-Harvest Handling and Marketing Facilities) (Agriculture) was held on December 20th, 2011 at the Governor's Office of Lampung Province in Bandar Lampung. Discussion and comments are shown in this record of the meeting.

Bandar Lampung, December 20th, 2011

1. Message from Governor

Assistant director of economic division of Lampung Province welcomed the JICA Study Team, and quoted the message from the Governor shown as follows (Refer to the attachment).

- New TA will make the marketing flow from Lampung to Jawa and vice versa more efficient
- New TA will increase the adding value on the Lampung products through the post-harvesting treatment of washing, grading and packaging etc.
- New TA will assist the supply control of the products especially in harvesting period
- F/S under the Study is quite needed to the acceleration of new TA development.

2. Acceptance of the Draft Final Report

Mr. Kusano, leader of JICA Study Team, explained the outline of draft final report to the Lampung side, from the viewpoints of project background, F/S site selection, development strategy, facilities design and implementation schedule, project evaluation, and conclusion/recommendation. After several questions and answers between the Study Team side and the Lampung side, the draft final report was basically accepted by Lampung side.

3. Official comments from Lampung Province on the Draft Final Report

Mr. Kusano requested the Lampung side to send the comments on the draft final report by December 31, 2011, if any. The Lampung side accepted this arrangement.

(For a complete list of participant names please refer to the Attendants List.)

LIST OF ATTENDANTS

Date: 20/12/2011
 Place: Sembayan Meeting Room, Office of Governor of Lampung Province
 Title of Meeting: Presentation of the Draft of Final Report (Phase-4 F/S)

No.	Name	Position	Organization
1.	Mr. Arinal Djunaedi	Assistant Governor for Economic Development Division	Regional Secretariat of Lampung Province
2.	Mr. Sadrawan		BPM & PPTD
3.	S. Raudha Valiant		Livestock/Animal Husbandry Agency
4.	Mr. Edarwan		BAPPEDA of South Lampung
5.	Ir. Muverdi, CH		Agriculture Agency of South Lampung
6.	Mr. M. Medani		PT. LJU
7.	Mr. Yulius		PT. LJU
8.	Mr. M. Isa		Ministry of Telecommunication & Information
9.	Mr. Hasanuddin		Cooperation of Industry & Trade (Koperindag) of Lampung Province
10.	Mr. Irsan		Ministry of Telecommunication & Information
11.	Ms. Ida Rachmawati		BKPD Lampung Province
12.	Mr. Mulyadin		BAPPEDA Lampung Selatan
13.	Ms. Dian Susfo		Bank of Lampung
14.	Mr. Irsan		Bank of Lampung
15.	Mr. Ardi Johan, ST.		Agro Outlet of Lampung Province – Kramat Jati
16.	Mr. Rahadi		Biro
17.	Mr. A. Teddy Mulyono		AG Network – Jakarta
18.	Mr. Mulyono Y.		AG Network – Jakarta
19.	Ms. Des Rahyumi Tj.		Dinas Pertanian – South Lampung
20.	Mr. Faisal		BAPPEDA
21.	Mr. Dodi		BAPPEDA
22.	Mr. Anshari Djausal	Expert Staff	Agriculture Agency of Lampung Province
23.	Mr. Syamsul Rizal		Cooperation of Industry & Trade (Koperindag) of Lampung Province
24.	Mr. Suyitno		Bakorluh

25.	Mr. Setiatio		BPLHD
26.	Mr. Hermansyah		BPLHD
27.	MS. Trimurni		Bakorluh
28.	Mr. Soni Isnaeni		Food Crop & Horiculture Agency (Dinas TPH) of Tanggamus Regency
29.	Mr. Prawiro S.		Agency of
30.	Mr. Meydiandra		Equipment Bureau
31.	Mr. Yan Haidir		ADBang Bureau
32.	Ms. Tuti Alawiyah		Forestry Agency of Lampung Province
33.	Mr. Ramli		Forestry Agency of Lampung Province
34.	Mr. Suharsono		DUP of Lampung Province
35.	Mr. Adi Prasetyo		Transportation Agency
36.	Mr. Raditya F.D.		Transportation Agency of Lampung Province
37.	Mr. Rachmat Susilo		Transportation Agency
38.	Mr. Hanjar Satari		Directorate of Irrigation and Settlement
39.	Mr. M. Abdillah		Bina Marga Agency
40.	Mr. Tateo Kusano	Team Leader	JICA Study Team
41.	Mr. Mutsumi Gando	Expert	JICA Study Team
42.	Mr. Takuya Nakagawa	Expert	JICA Study Team
43.	Mr. Daigo Sano	Expert	JICA Study Team
44.	Mr. Irvan Taufik	Interpreter	JICA Study Team
45.	Mr. Muam	Interpreter	JICA Study Team



GUBERNUR LAMPUNG

SAMBUTAN GUBERNUR LAMPUNG

PADA ACARA

**RAPAT KOORDINASI
DALAM RANGKA PRESENTASI DRAFT LAPORAN AKHIR
FEASIBILITY STUDY (F/S) TERMINAL AGRIBISNIS
LAMPUNG OLEH TIM KONSULTAN JICA**

BANDAR LAMPUNG, 20 DESEMBER 2011

Assalamu'alaikum Warahmatullahi Wabarakatuh
Selamat Pagi dan Salam Sejahtera bagi kita semua,

Yang saya hormati,

- Direktur Pemasaran Internasional Ditjen PPHP Kementerian Pertanian atau yang mewakili
- Direktur Pemasaran Domestik Ditjen PPHP Kementerian Pertanian atau yang mewakili
- Bupati Lampung Selatan
- Bupati Tanggamus
- Asisten Ekubang, Staf Ahli dan Tenaga Ahli Gubernur Lampung
- Para Kepala Badan, Dinas, Biro lingkup Pemerintah Provinsi Lampung dan Kabupaten
- Pimpinan mitra kerja, serta stakeholders dan
- Para undangan yang berbahagia.

Pada pagi yang berbahagia ini, saya mengajak kita semua tiada henti-hentinya bersyukur ke Hadirat Tuhan Yang Maha Kuasa, karena atas Rahmat dan Hidayah-NYA sehingga kita semua pada hari ini diberikan kesehatan dan kesempatan dapat menghadiri Rapat Koordinasi Dalam Rangka Presentasi Draft Laporan Akhir Feasibility Study (F/S) Terminal Agribisnis Lampung oleh Tim Konsultan JICA.

1

Hadirin yang saya hormati,

Pada kesempatan ini saya mengucapkan Selamat Datang di Provinsi Lampung "Sai Bumi Ruwa Jurai" khususnya kepada perwakilan dari Kementerian Pertanian RI dan Tim Konsultan JICA. Atas nama Pemerintah Provinsi Lampung, saya juga menyampaikan terima kasih atas kepercayaan, bantuan serta kerjasamanya dalam pelaksanaan kegiatan Feasibility Study (F/S) Lanjutan oleh Tim Konsultan Jepang pada tahun 2011, karena kegiatan F/S tersebut memang sangat diperlukan untuk mendukung upaya percepatan pembangunan Terminal Agribisnis Lampung.

Dengan pertimbangan bahwa letak Provinsi Lampung yang sangat strategis sebagai lintasan utama arus distribusi dan pemasaran produk pertanian dalam arti luas; dan disisi lain peran dan kontribusi Lampung terhadap nasional dalam bentuk berbagai potensi dan kinerja produk pertanian, perkebunan, peternakan, perikanan, dan kehutanan, maka Pembangunan Terminal Agribisnis ditetapkan sebagai salah satu program unggulan Provinsi Lampung.

Sejalan dengan pertumbuhan ekonomi Sumatera berbasis pertanian atau agribisnis, maka distribusi dan pemasaran produk pertanian dari Sumatera ke Jawa akan terus meningkat. Saat ini produk yang dipasarkan rata-rata lebih dari 1.000 ton per hari; dan Lampung memberikan kontribusi lebih dari 60%. Oleh karena itu,

keberadaan Terminal Agribisnis sangatlah tepat sebagai penyangga utama dalam pemasaran produk lintas Sumatera – Jawa; sekaligus sebagai upaya nyata dalam mendukung Implementasi program **Jakarta Bersih**. Produk-produk yang keluar dari Terminal Agribisnis dan masuk ke Jakarta dalam kondisi bersih dan mutu yang terjamin sesuai Perda DKI Nomor 8 tahun 2004.

Hadirin yang berbahagia,

Pembangunan Terminal Agribisnis Lampung diharapkan akan dapat mendorong peningkatan nilai tambah dan daya saing produk pertanian baik segar maupun olahan, dan dengan didukung pemanfaatan berbagai fasilitas sarana prasarana yang memadai serta aktivitas seluruh stakeholders dalam jejaring kerja operasional Terminal Agribisnis dari aspek hulu sampai hilir akan berdampak nyata bagi kesejahteraan petani, antara lain:

1. Meningkatkan **efisiensi pasar**, yaitu memperpendek mata rantai dan waktu pemasaran produk dari petani Lampung atau Sumatera ke pulau Jawa; dan sebaliknya. Melalui wadah kelembagaan yang kuat dan profesional, secara bertahap diharapkan petani dapat melakukan transaksi langsung atau sebagai pemasok produk ke Terminal Agribisnis.

2. Meningkatkan **nilai tambah produk**, melalui peningkatan mutu produk yang dihasilkan petani serta penanganan pasca panen antara lain: sortasi, pencucian, grading, packaging, dan lain-lain.
3. Pengendalian **pasokan**, terutama pada saat panen raya, melalui fasilitasi penyimpanan (cool room) dan pergudangan serta fasilitasi distribusi yang memenuhi persyaratan.
4. Dengan sistem transaksi yang lebih adil, transparan, dan harga yang relatif stabil, akan mendorong petani untuk meningkatkan **jumlah/volume, mutu, dan jenis** produk sesuai dengan kebutuhan pasar baik pasar dalam negeri maupun ekspor.

Selain hal-hal tersebut diatas, dampak nyata yang lain dengan adanya Terminal Agribisnis antara lain adalah: meningkatnya penyerapan tenaga kerja dan kesempatan berusaha; berkembangnya investasi melalui: penumbuhan agroindustri olahan produk pertanian; pengembangan industri hulu (pupuk organik, perbenihan, alat mesin pertanian, dll) dan jasa permodalan; serta berkembangnya pusat informasi dan peningkatan SDM pertanian serta dukungan agrowisata.

Bapak dan Ibu yang saya hormati,

Dalam rangka percepatan pembangunan Terminal Agribisnis Lampung, Pemerintah Provinsi Lampung telah melakukan persiapan dalam penetapan lokasi dan penyediaan lahan secara bertahap dengan target areal seluas 50 hektar di Kecamatan Penengahan Kabupaten Lampung Selatan.

Kementerian Pertanian RI memfasilitasi bantuan (hibah) dari Pemerintah Jepang melalui Japan International Corporation Agency (JICA) untuk melakukan Feasibility Study (F/S) Terminal Agribisnis Lampung pada tahun 2011. Hasil F/S oleh Tim Konsultan JICA ini diharapkan dapat menjadi acuan bagi Pemerintah Provinsi Lampung dalam pembangunan dan pengelolaan Terminal Agribisnis Lampung.

Hadirin yang saya hormati,

Hasil F/S Terminal Agribisnis ini juga merupakan dokumen penting bagi Provinsi Lampung sebagai acuan atau titik awal untuk memacu upaya-upaya percepatan pembangunan Terminal Agribisnis Lampung oleh seluruh jajaran Pemerintah Provinsi Lampung dan stakeholders antara lain:

1. Pada tahap awal pembangunan Terminal Agribisnis Lampung difokuskan pada pembangunan sarana prasarana Terminal Agribisnis untuk komoditas hortikultura. Selanjutnya akan

dikembangkan untuk sarana prasarana pendukung sektor peternakan, perkebunan, perikanan dan kehutanan dalam kawasan seluas 50 hektar.

2. Penyiapan pengelolaan Terminal Agribisnis Lampung oleh Pemerintah Provinsi Lampung dan PT. Lampung Jasa Utama (LJU).
3. Mengembangkan komoditas sebagai bahan pasokan produk pertanian dalam arti luas, yang berasal dari: produk unggulan Provinsi Lampung; produk dari Sumatera menuju Jawa dan sebaliknya produk Jawa menuju Sumatera.
4. Pada tahap awal akan dilakukan penjajagan rencana kerjasama dengan Pemerintah Provinsi DKI Jakarta mendukung **Program Jakarta Bersih**.
5. Mengajukan usulan dukungan pembiayaan dari Pemerintah Pusat dan pihak swasta (calon investor).

Hadirin yang berbahagia,

Dengan berakhirnya pelaksanaan Feasibility Study (F/S) Terminal Agribisnis ini, kami atas nama Pemerintah Provinsi Lampung sekali lagi mengucapkan terima kasih kepada Tim Konsultan JICA dan Kementerian Pertanian RI; serta kepada semua pihak yang telah membantu kelancaran pelaksanaan Feasibility Study (F/S) pada tahun 2011 ini.

Pada kesempatan ini, saya sangat berharap banyak kepada Bupati Lampung Selatan dan kepala Satker/Badan/Biro untuk dapat bekerja keras dan membangun jaringan koordinasi yang lebih intensif untuk mensukseskan salah satu program unggulan Provinsi Lampung ini yaitu terwujudnya Terminal Agribisnis Lampung.

Akhir kata, semoga Pembangunan Terminal Agribisnis Lampung dapat segera terlaksana dengan baik dan lancar sesuai dengan target yang telah ditetapkan, dan pada akhirnya dapat memberikan kontribusi dan peran yang sangat penting bagi kinerja pembangunan pertanian dan kesejahteraan petani pada khususnya serta pembangunan Provinsi Lampung pada umumnya. Semoga ALLAH SWT. senantiasa meridhoi segala upaya dan perjuangan kita ini. Amin.

Wassalamu'alaikum Warahmatullahi Wabarakatuh

Bandar Lampung, 20 Desember 2011

Gubernur Lampung,

Sjachroedin Z.P.

(Tentative English Translation)

GOVERNOR OF LAMPUNG

SPEECH OF LAMPUNG'S GOVERNOR
ON

COORDINATION MEETING
IN THE PRESENTATION OF FINAL REPORT DRAFT OF LAMPUNG TA FEASIBILITY STUDY
BY JICA CONSULTATN TEAM

BANDAR LAMPUNG, DECEMBER 20TH, 2011.

Assalamualakum warrahmatullahiwabarakatuh

Good morning

The honorable

- Director of international marketing , directorate general of PPHP MOA or his representative
- Director of domestic marketing, directorate general of PPHP MOA or his representative
- Regent of lampung selatan
- Regent of tangamus
- Governor's assistant on economical development affairs, expert staffs and the expert staff of Lampung's governor
- Head of agencies, bodies, beaurau of Provincial and Regencial government level
- All participant in this forum

In this joyful morning, i would like to ask you all to thank to God for His gregoriousness and assistance so that we all are still in good condition and still have a chance to join this morning meeting; coodination meeting to listen presentation of final report draft of TA FS in Lampung by JICA consultant team.

The honorable all participant of this meeting`

In this occasion, i would like to say welcome to Lampung province "SAI BUMI RUWA RAI" especially to the representative of MOA and JICA consultant team. On behalf Lampung Provincial Government, I also would like to thank for the trust, assistance and cooperation within this FS, by jica team in 2011, because this FS is really needed to support the acceleration of TA Lampung development.

By a consideration that Lampung Province is situated strategically in the main stream of distribution flow and agriculture product marketing in general meaning; in other side, role and contribution of Lampung Province towards indonesia widely in term of its various potentialities and agriculture, plantation, livestock, fishing, and forestry performance, the development of the TA is considered as one of prominent programs of Lampung Government.

In line with the economical development of sumatera whose economy is based on holticultura and agribisnis, distribution and marketing of agriculture product from Sumatera to Java will increase more and more, at this time,agriculture products marketed are 1000 ton/ day at average to which Lampung have contributed more than 60 %. Therefore, the existence of TA in Lampung is considered as a right solving problem to be the main support of agriculture product marketing from Sumatera- Java. At the same time, it is also a manifestation or real effort in supporting implemetation of "jakarta bersih" program. Agricuture products sent from lampung ta to jakarta will be in clean and highh quaiity condition in line with dki regional regulation no 8 /2004

The honorable all participants of the meeting

The development of Lampung TA is expected to be a support to increase the value of agriculture product and to increase product competition ability either in fresh or processed form , in a condition it is supported by qualified facilitation and infrastructure and also participation of all related stakeholders in operational work network. This TA will give great impact towards the welfare of farmers as the TA can:

1. Increase marketing efficiency, it can cut chain marketing and product marketing from Lampung or Sumateran farmers to Java island; and vice versa. Through a professional and credible

institution, step by step, the farmers are expected to be able to do transaction directly in TA or to act as a product collector to TA

2. Increase adding value of product, by increasing the quality of product produced by the farmers and by good post-harvest handling such as; sorting, grading, washing, packaging etc.
3. Control the supply of product, especially in harvest time, by providing cool room and storage and qualified distribution facilities as well.
4. Initiate fair and transparent transaction and create stable price relatively as well, then, the farmers will increase their production quality, diversity, and volume based on domestic or international market demand.

Instead of mentioned considerations, another possible real impact by the existence of TA are: the increase of labor force absorption, the increasing chance for people to create a new business and the increase of investment by developing agriculture product; developing supporting industries (organic fertilizer, seeding, and cultivation machine industries, etc) and also capital investment service; the TA also supports the dissemination of market information and the increase of human resources quality and also supports Agrotourism.

The honorable all participant of this meeting

Regarding the acceleration of Lampung 's TA development, the government of Lampung has made preparation by land procurement and provision of area gradually by target 50 ha in penengahan district of Lampung selatan regency.

MOA Republic of Indonesia has given a grant which facilitation from Japan government through JICA to conduct FS towards Lampung TA in 2011. The result of FS compiled by JICA team is expected to be a guideline for Lampung government in developing and managing Lampung's TA.

The honorable all participants of this meeting

The result of TA's FS becomes the important official document for the Government of Lampung Province as a reference or a starting point to trigger acceleration effort of TA development by the Lampung government and related stakeholders. The sequence of the project actually area:

1. In the first step, the development of Lampung TA focuses only on the development of facility and infrastructure of TA for horticulture commodities. Then, the supporting facility and infrastructure for livestock, plantation, fishing and forestry will be developed after in area 50 ha.
2. The preparation of TA management by PT LJU
3. Making commodities diversity as agriculture product supply in general meaning, which come from: prominent agriculture product of Lampung, product from Sumatera to Java island and vice versa
4. In the early step, a study to see the possibility to create a cooperation with DKI Jakarta government will be conducted. It also acts as a support towards "Jakarta Bersih" program of DKI Jakarta government
5. Submitting proposal / suggestion of financial support from central government and private sector (candidate of private investor).

With the end of FS of this TA, we, on behalf of the Lampung Province Government would like to say thank to JICA team and MOA Republic of Indonesia, and also to all stakeholders which has supported the FS in 2011.

In this occasion, I will put a great expectation towards regent of Lampung selatan and all head of work units, agnecies, bearous to make a great effort to create coordination network more intensively to succeed one of lampung government's prominent program that is the development of lampung TA. Last word, hopefully the development of TA can be conducted soon smoothly based on target decided before, and in the following, the TA will give big contribution and play important role in agriculture development performance and especially for farmer welfare and the development of Lampung Province in general.

May God bless and also support all of ourt efforts. Amin

Wassalamualaikaum wr wb

Bandar lampung, december, 20th, 2011

Governor of lampung

Sjachroedin z.p

Appendix-4 Production, Consumption and Balance of Horticulture Products in Indonesia

4.1 Production, Consumption and Balance of Fruits by Provinces (2009)

Production, Consumption and Balance of Each Fruit by Provinces (2009) - 1/5

(Unit: ton)

Province	Population	Avocado			Star Fruit			Duku/Langsat		
		Production	Consumption	Balance	Production	Consumption	Balance	Production	Consumption	Balance
Aceh	4,363,500	4,024	4,859	-835	1,718	1,366	352	5,074	3,684	1,390
Sumatera Utara	13,248,400	7,481	14,752	-7,271	4,799	4,148	651	15,526	11,186	4,340
Sumatera Barat	4,828,000	23,093	5,376	17,717	512	1,512	-1,000	2,969	4,077	-1,108
R i a u	5,306,500	530	5,909	-5,379	617	1,661	-1,044	3,542	4,481	-939
J a m b i	2,834,200	4,056	3,156	900	595	887	-292	21,792	2,393	19,399
Sumatera Selatan	7,222,600	4,172	8,043	-3,871	2,381	2,261	120	19,262	6,098	13,164
Bengkulu	1,666,900	2,255	1,856	399	398	522	-124	1,114	1,407	-293
Lampung	7,498,654	9,257	8,350	907	1,959	2,348	-389	4,743	6,332	-1,589
Bangka Belitung	1,138,100	452	1,267	-815	158	356	-198	1,203	961	242
Kepulauan Riau	1,515,300	45	1,687	-1,642	69	474	-405	377	1,279	-902
Sumatra	49,622,154	55,365	55,255	110	13,206	15,537	-2,331	75,602	41,899	33,703
Sumatra excluding Lampung	42,123,500	46,108	46,905	-797	11,247	13,189	-1,942	70,859	35,567	35,292
Lampung	7,498,654	9,257	8,350	907	1,959	2,348	-389	4,743	6,332	-1,589
DKI Jakarta	9,223,000	48	10,270	-10,222	4,772	2,888	1,884	83	7,787	-7,704
Jawa Barat	41,501,500	81,844	46,213	35,631	13,314	12,994	320	9,649	35,042	-25,393
Jawa Tengah	32,864,600	19,030	36,595	-17,565	10,954	10,290	664	19,023	27,749	-8,726
DI Yogyakarta	3,501,900	4,461	3,899	562	742	1,096	-354	1,354	2,957	-1,603
Jawa Timur	37,286,200	50,620	41,519	9,101	18,202	11,674	6,528	8,635	31,483	-22,848
Banten	9,782,800	617	10,893	-10,276	1,453	3,063	-1,610	1,437	8,260	-6,823
Jawa	134,160,000	156,620	149,390	7,230	49,437	42,005	7,432	40,181	113,279	-73,098
B a l i	3,551,000	2,076	3,954	-1,878	637	1,112	-475	955	2,998	-2,043
Nusa Tenggara Barat	4,434,000	1,131	4,937	-3,806	573	1,388	-815	163	3,744	-3,581
Nusa Tenggara Timur	4,619,700	20,495	5,144	15,351	829	1,446	-617	221	3,901	-3,680
Bali	12,604,700	23,702	14,036	9,666	2,039	3,946	-1,907	1,339	10,643	-9,304
Kalimantan Barat	4,319,100	449	4,809	-4,360	807	1,352	-545	6,953	3,647	3,306
Kalimantan Tengah	2,085,800	95	2,323	-2,228	1,025	653	372	5,357	1,761	3,596
Kalimantan Selatan	3,496,100	33	3,893	-3,860	1,637	1,095	542	12,504	2,952	9,552
Kalimantan Timur	3,164,800	681	3,524	-2,843	1,317	991	326	6,870	2,672	4,198
Kalimantan	13,065,800	1,258	14,549	-13,291	4,786	4,091	695	31,684	11,032	20,652
Sulawesi Utara	2,228,900	4,581	2,482	2,099	598	698	-100	10,717	1,882	8,835
Sulawesi Tengah	2,480,300	1,259	2,762	-1,503	210	777	-567	2,977	2,094	883
Sulawesi Selatan	7,908,500	11,827	8,806	3,021	1,283	2,476	-1,193	19,518	6,678	12,840
Sulawesi Tenggara	2,118,300	161	2,359	-2,198	301	663	-362	1,022	1,789	-767
Gorontalo	984,000	59	1,096	-1,037	50	308	-258	591	831	-240
Sulawesi Barat	1,047,700	966	1,167	-201	95	328	-233	8,603	885	7,718
Sulawesi	16,767,700	18,853	18,671	182	2,537	5,250	-2,713	43,428	14,158	29,270
M a l u k u	1,339,500	417	1,492	-1,075	70	419	-349	1,014	1,131	-117
Maluku Utara	975,000	74	1,086	-1,012	59	305	-246	78	823	-745
Papua Barat	743,900	902	828	74	154	233	-79	980	628	352
Papua	2,097,500	451	2,336	-1,885	155	657	-502	1,058	1,771	-713
Maluku and Papua	5,155,900	1,844	5,741	-3,897	438	1,614	-1,176	3,130	4,353	-1,223
Indonesia	231,376,254	257,642	257,642 ^P	0	72,443	72,443 ^P	0	195,364	195,364	0
Consumption per capita		1.113520			0.313096			0.844356		

Source: Statistik Indonesia 2010 (Badan Pusat Statistik Republik Indonesia)

Production, Consumption and Balance of Each Fruit by Provinces (2009) - 2/5

(Unit: ton)

Province	Population	Guava			Orange			Durian		
		Production	Consumption	Balance	Production	Consumption	Balance	Production	Consumption	Balance
Aceh	4,363,500	2,219	4,153	-1,934	19,242	40,203	-20,961	14,893	15,046	-153
Sumatera Utara	13,248,400	24,682	12,609	12,073	728,796	122,063	606,733	102,580	45,681	56,899
Sumatera Barat	4,828,000	1,095	4,595	-3,500	24,891	44,482	-19,591	37,388	16,647	20,741
R i a u	5,306,500	2,921	5,050	-2,129	19,221	48,891	-29,670	11,510	18,297	-6,787
J a m b i	2,834,200	1,832	2,697	-865	39,073	26,113	12,960	24,287	9,772	14,515
Sumatera Selatan	7,222,600	3,718	6,874	-3,156	77,316	66,545	10,771	36,112	24,904	11,208
Bengkulu	1,666,900	956	1,586	-630	15,622	15,358	264	24,343	5,748	18,595
Lampung	7,498,654	3,090	7,137	-4,047	11,006	69,088	-58,082	30,463	25,856	4,607
Bangka Belitung	1,138,100	464	1,083	-619	7,466	10,486	-3,020	8,566	3,924	4,642
Kepulauan Riau	1,515,300	113	1,442	-1,329	556	13,961	-13,405	6,333	5,225	1,108
Sumatra	49,622,154	41,090	47,226	-6,136	943,189	457,190	485,999	296,475	171,100	125,375
Sumatra excluding Lampung	42,123,500	38,000	40,089	-2,089	932,183	388,102	544,081	266,012	145,244	120,768
Lampung	7,498,654	3,090	7,137	-4,047	11,006	69,088	-58,082	30,463	25,856	4,607
DKI Jakarta	9,223,000	794	8,778	-7,984	12	84,975	-84,963	288	31,801	-31,513
Jawa Barat	41,501,500	70,997	39,497	31,500	28,246	382,371	-354,125	70,362	143,099	-72,737
Jawa Tengah	32,864,600	25,616	31,277	-5,661	30,341	302,796	-272,455	74,368	113,319	-38,951
DI Yogyakarta	3,501,900	4,113	3,333	780	2,062	32,264	-30,202	9,217	12,075	-2,858
Jawa Timur	37,286,200	19,057	35,485	-16,428	378,923	343,534	35,389	141,522	128,565	12,957
Banten	9,782,800	3,076	9,310	-6,234	1,563	90,133	-88,570	28,152	33,732	-5,580
Jawa	134,160,000	123,653	127,681	-4,028	441,147	1,236,073	-794,926	323,909	462,591	-138,682
B a l i	3,551,000	1,828	3,380	-1,552	162,916	32,717	130,199	15,650	12,244	3,406
Nusa Tenggara Barat	4,434,000	20,476	4,220	16,256	6,931	40,852	-33,921	6,085	15,289	-9,204
Nusa Tenggara Timur	4,619,700	9,270	4,397	4,873	36,918	42,563	-5,645	9,110	15,929	-15,019
Bali	12,604,700	31,574	11,996	19,578	206,765	116,132	90,633	22,645	43,462	-20,817
Kalimantan Barat	4,319,100	2,411	4,111	-1,700	170,201	39,794	130,407	32,387	14,892	17,495
Kalimantan Tengah	2,085,800	1,904	1,985	-81	8,674	19,217	-10,543	16,915	7,192	9,723
Kalimantan Selatan	3,496,100	2,222	3,327	-1,105	88,061	32,211	55,850	17,969	12,055	5,914
Kalimantan Timur	3,164,800	2,061	3,012	-951	11,754	29,159	-17,405	16,359	10,912	5,447
Kalimantan	13,065,800	8,598	12,435	-3,837	278,690	120,381	158,309	83,630	45,052	38,578
Sulawesi Utara	2,228,900	826	2,121	-1,295	1,903	20,536	-18,633	11,974	7,685	4,289
Sulawesi Tengah	2,480,300	796	2,361	-1,565	14,158	22,852	-8,694	10,027	8,552	1,475
Sulawesi Selatan	7,908,500	11,187	7,527	3,660	36,266	72,864	-36,598	25,877	27,269	-1,392
Sulawesi Tenggara	2,118,300	858	2,016	-1,158	26,274	19,517	6,757	1,981	7,304	-5,323
Gorontalo	984,000	139	936	-797	1,594	9,066	-7,472	666	3,393	-2,727
Sulawesi Barat	1,047,700	459	997	-538	157,484	9,653	147,831	9,050	3,613	5,437
Sulawesi	16,767,700	14,265	15,958	-1,693	237,679	154,488	83,191	59,575	57,816	1,759
M a l u k u	1,339,500	223	1,275	-1,052	3,882	12,341	-8,459	5,538	4,619	919
Maluku Utara	975,000	54	928	-874	1,636	8,983	-7,347	334	3,362	-3,028
Papua Barat	743,900	398	708	-310	420	6,854	-6,434	2,036	2,565	-529
Papua	2,097,500	347	1,996	-1,649	18,360	19,325	-965	3,656	7,232	-3,576
Maluku and Papua	5,155,900	1,022	4,907	-3,885	24,298	47,504	-23,206	11,564	17,778	-6,214
Indonesia	231,376,254	220,202	220,202	0	2,131,768	2,131,768 ^F	0	797,798	797,798	0
Consumption per capita		0.951705			9.213426			3.448055		

Source: Statistik Indonesia 2010 (Badan Pusat Statistik Republik Indonesia)

Province	Population	Mangosteen			Mango			Rambutan		
		Production	Consumption	Balance	Production	Consumption	Balance	Production	Consumption	Balance
Aceh	4,363,500	1,285	1,991	-706	22,422	42,309	-19,887	20,864	18,611	2,253
Sumatera Utara	13,248,400	9,957	6,044	3,913	21,971	128,457	-106,486	60,153	56,506	3,647
Sumatera Barat	4,828,000	9,991	2,203	7,788	9,649	46,813	-37,164	18,571	20,592	-2,021
R i a u	5,306,500	2,687	2,421	266	7,029	51,452	-44,423	21,989	22,633	-644
J a m b i	2,834,200	1,394	1,293	101	2,798	27,481	-24,683	18,629	12,088	6,541
Sumatera Selatan	7,222,600	2,331	3,295	-964	13,589	70,031	-56,442	22,875	30,805	-7,930
Bengkulu	1,666,900	3,982	760	3,222	3,966	16,162	-12,196	7,417	7,109	308
Lampung	7,498,654	2,751	3,421	-670	15,517	72,707	-57,190	28,380	31,982	-3,602
Bangka Belitung	1,138,100	2,529	519	2,010	3,440	11,035	-7,595	4,927	4,854	73
Kepulauan Riau	1,515,300	143	691	-548	1,843	14,692	-12,849	6,533	6,463	70
Sumatra	49,622,154	37,050	22,639	14,411	102,224	481,140	-378,916	210,338	211,643	-1,305
Sumatra excluding Lampung	42,123,500	34,299	19,217	15,082	86,707	408,432	-321,725	181,958	179,661	2,297
Lampung	7,498,654	2,751	3,421	-670	15,517	72,707	-57,190	28,380	31,982	-3,602
DKI Jakarta	9,223,000	4	4,208	-4,204	2,783	89,427	-86,644	617	39,337	-38,720
Jawa Barat	41,501,500	35,484	18,934	16,550	398,159	402,401	-4,242	275,238	177,008	98,230
Jawa Tengah	32,864,600	4,272	14,993	-10,721	423,752	318,657	105,095	115,269	140,171	-24,902
DI Yogyakarta	3,501,900	599	1,598	-999	41,775	33,955	7,820	24,923	14,936	9,987
Jawa Timur	37,286,200	11,596	17,011	-5,415	694,314	361,530	332,784	143,208	159,029	-15,821
Banten	9,782,800	2,927	4,463	-1,536	23,991	94,855	-70,864	23,541	41,725	-18,184
Jawa	134,160,000	54,882	61,206	-6,324	1,584,774	1,300,825	283,949	582,796	572,205	10,591
B a l i	3,551,000	5,030	1,620	3,410	59,868	34,431	25,437	15,859	15,145	714
Nusa Tenggara Barat	4,434,000	1,050	2,023	-973	99,360	42,992	56,368	9,455	18,911	-9,456
Nusa Tenggara Timur	4,619,700	33	2,108	-2,075	155,999	44,793	111,206	5,156	19,703	-14,547
Bali	12,604,700	6,113	5,750	363	315,227	122,216	193,011	30,470	53,760	-23,290
Kalimantan Barat	4,319,100	1,043	1,970	-927	3,847	41,878	-38,031	19,953	18,421	1,532
Kalimantan Tengah	2,085,800	1,224	952	272	6,706	20,224	-13,518	30,856	8,896	21,960
Kalimantan Selatan	3,496,100	607	1,595	-988	6,403	33,898	-27,495	24,482	14,911	9,571
Kalimantan Timur	3,164,800	293	1,444	-1,151	12,588	30,686	-18,098	28,715	13,498	15,217
Kalimantan	13,065,800	3,167	5,961	-2,794	29,544	126,687	-97,143	104,006	55,727	48,279
Sulawesi Utara	2,228,900	1,418	1,017	401	16,007	21,612	-5,605	13,965	9,506	4,459
Sulawesi Tengah	2,480,300	392	1,132	-740	13,794	24,049	-10,255	5,724	10,579	-4,855
Sulawesi Selatan	7,908,500	1,220	3,608	-2,388	147,423	76,681	70,742	25,855	33,730	-7,875
Sulawesi Tenggara	2,118,300	5	966	-961	10,062	20,539	-10,477	4,353	9,035	-4,682
Gorontalo	984,000	3	449	-446	3,901	9,541	-5,640	133	4,197	-4,064
Sulawesi Barat	1,047,700	1,061	478	583	11,533	10,159	1,374	4,734	4,469	265
Sulawesi	16,767,700	4,099	7,650	-3,551	202,720	162,581	40,139	54,764	71,516	-16,752
M a l u k u	1,339,500	189	611	-422	2,106	12,988	-10,882	289	5,713	-5,424
Maluku Utara	975,000	58	445	-387	605	9,454	-8,849	167	4,158	-3,991
Papua Barat	743,900	0	339	-339	724	7,213	-6,489	1,812	3,173	-1,361
Papua	2,097,500	0	957	-957	5,516	20,338	-14,822	2,199	8,946	-6,747
Maluku and Papua	5,155,900	247	2,352	-2,105	8,951	49,992	-41,041	4,467	21,990	-17,523
Indonesia	231,376,254	105,558	105,558	0	2,243,440	2,243,440	0	986,841	986,841	0
Consumption per capita		0.456218			9.696068			4.265092		

Source: Statistik Indonesia 2010 (Badan Pusat Statistik Republik Indonesia)

Production, Consumption and Balance of Each Fruit by Provinces (2009) - 4/5

(Unit: ton)

Province	Population	Papaya			Pineapple			Banana		
		Production	Consumption	Balance	Production	Consumption	Balance	Production	Consumption	Balance
Aceh	4,363,500	8,652	14,575	-5,923	973	29,386	-28,413	61,133	120,198	-59,065
Sumatera Utara	13,248,400	27,659	44,252	-16,593	134,077	89,221	44,856	335,790	364,943	-29,153
Sumatera Barat	4,828,000	9,011	16,127	-7,116	983	32,514	-31,531	91,938	132,993	-41,055
R i a u	5,306,500	8,842	17,725	-8,883	66,422	35,736	30,686	31,594	146,174	-114,580
J a m b i	2,834,200	43,262	9,467	33,795	75,008	19,087	55,921	35,639	78,071	-42,432
Sumatera Selatan	7,222,600	7,225	24,125	-16,900	140,850	48,640	92,210	212,718	198,955	13,763
Bengkulu	1,666,900	7,919	5,568	2,351	625	11,226	-10,601	31,341	45,917	-14,576
Lampung	7,498,654	53,354	25,047	28,307	442,431	50,499	391,932	681,875	206,559	475,316
Bangka Belitung	1,138,100	1,442	3,801	-2,359	9,266	7,664	1,602	9,060	31,350	-22,290
Kepulauan Riau	1,515,300	1,889	5,061	-3,172	2,726	10,205	-7,479	2,812	41,741	-38,929
Sumatra	49,622,154	169,255	165,748	3,507	873,361	334,179	539,182	1,493,900	1,366,901	126,999
Sumatra excluding Lampung	42,123,500	115,901	140,701	-24,800	430,930	283,679	147,251	812,025	1,160,342	-348,317
Lampung	7,498,654	53,354	25,047	28,307	442,431	50,499	391,932	681,875	206,559	475,316
DKI Jakarta	9,223,000	692	30,807	-30,115	0	62,112	-62,112	1,030	254,058	-253,028
Jawa Barat	41,501,500	90,470	138,623	-48,153	465,802	279,491	186,311	1,415,694	1,143,208	272,486
Jawa Tengah	32,864,600	55,956	109,774	-53,818	21,363	221,326	-199,963	965,389	905,294	60,095
DI Yogyakarta	3,501,900	9,093	11,697	-2,604	542	23,583	-23,041	52,734	96,464	-43,730
Jawa Timur	37,286,200	231,975	124,544	107,431	44,275	251,103	-206,828	1,020,773	1,027,093	-6,320
Banten	9,782,800	4,061	32,677	-28,616	369	65,882	-65,513	194,835	269,479	-74,644
Jawa	134,160,000	392,247	448,122	-55,875	532,351	903,496	-371,145	3,650,455	3,695,596	-45,141
B a l i	3,551,000	9,808	11,861	-2,053	1,089	23,914	-22,825	153,540	97,817	55,723
Nusa Tenggara Barat	4,434,000	17,077	14,810	2,267	50,105	29,861	20,244	72,925	122,140	-49,215
Nusa Tenggara Timur	4,619,700	63,535	15,431	48,104	7,298	31,111	-23,813	294,770	127,255	167,515
Bali	12,604,700	90,420	42,102	48,318	58,492	84,886	-26,394	521,235	347,211	174,024
Kalimantan Barat	4,319,100	10,585	14,427	-3,842	34,874	29,087	5,787	111,728	118,975	-7,247
Kalimantan Tengah	2,085,800	4,368	6,967	-2,599	34,444	14,047	20,397	29,769	57,456	-27,687
Kalimantan Selatan	3,496,100	5,421	11,678	-6,257	3,667	23,544	-19,877	91,964	96,304	-4,340
Kalimantan Timur	3,164,800	39,817	10,571	29,246	10,762	21,313	-10,551	103,099	87,178	15,921
Kalimantan	13,065,800	60,191	43,642	16,549	83,747	87,991	-4,244	336,560	359,913	-23,353
Sulawesi Utara	2,228,900	5,635	7,445	-1,810	5,125	15,010	-9,885	59,100	61,398	-2,298
Sulawesi Tengah	2,480,300	2,728	8,285	-5,557	761	16,704	-15,943	26,983	68,323	-41,340
Sulawesi Selatan	7,908,500	37,232	26,416	10,816	1,915	53,260	-51,345	195,973	217,849	-21,876
Sulawesi Tenggara	2,118,300	4,357	7,076	-2,719	1,110	14,266	-13,156	17,200	58,351	-41,151
Gorontalo	984,000	794	3,287	-2,493	210	6,627	-6,417	7,529	27,105	-19,576
Sulawesi Barat	1,047,700	1,731	3,500	-1,769	469	7,056	-6,587	42,873	28,860	14,013
Sulawesi	16,767,700	52,477	56,008	-3,531	9,590	112,922	-103,332	349,658	461,886	-112,228
M a l u k u	1,339,500	2,790	4,474	-1,684	144	9,021	-8,877	3,311	36,898	-33,587
Maluku Utara	975,000	186	3,257	-3,071	79	6,566	-6,487	2,044	26,858	-24,814
Papua Barat	743,900	2,789	2,485	304	201	5,010	-4,809	5,501	20,492	-14,991
Papua	2,097,500	2,489	7,006	-4,517	231	14,126	-13,895	10,869	57,778	-46,909
Maluku and Papua	5,155,900	8,254	17,222	-8,968	655	34,722	-34,067	21,725	142,025	-120,300
Indonesia	231,376,254	772,844	772,844	0	1,558,196	1,558,196	0	6,373,533	6,373,533	0
Consumption per capita		3.340204			6.734468			27.546185		

Source: Statistik Indonesia 2010 (Badan Pusat Statistik Republik Indonesia)

Production, Consumption and Balance of Each Fruit by Provinces 2009 - 5/5

(Unit: ton)

Province	Population	Salak			Sapodilla		
		Production	Consumption	Balance	Production	Consumption	Balance
Aceh	4,363,500	605	15,634	-15,029	4,387	2,412	1,975
Sumatera Utara	13,248,400	259,103	47,469	211,634	13,833	7,322	6,511
Sumatera Barat	4,828,000	1,881	17,299	-15,418	14,928	2,668	12,260
R i a u	5,306,500	776	19,013	-18,237	2,877	2,933	-56
J a m b i	2,834,200	863	10,155	-9,292	2,866	1,566	1,300
Sumatera Selatan	7,222,600	2,038	25,878	-23,840	7,863	3,992	3,871
Bengkulu	1,666,900	1,506	5,972	-4,466	2,413	921	1,492
Lampung	7,498,654	5,409	26,867	-21,458	11,976	4,144	7,832
Bangka Belitung	1,138,100	1,908	4,078	-2,170	478	629	-151
Kepulauan Riau	1,515,300	322	5,429	-5,107	379	837	-458
Sumatra	49,622,154	274,411 ^p	177,795	96,616	62,000 ^p	27,425	34,575
Sumatra excluding Lampung	42,123,500	269,002	150,927	118,075	50,024	23,281	26,743
Lampung	7,498,654	5,409	26,867	-21,458	11,976	4,144	7,832
DKI Jakarta	9,223,000	29	33,046	-33,017	254	5,097	-4,843
Jawa Barat	41,501,500	149,228	148,699	529	17,135	22,937	-5,802
Jawa Tengah	32,864,600	174,519	117,753	56,766	9,538	18,163	-8,625
DI Yogyakarta	3,501,900	62,572	12,547	50,025	5,204	1,935	3,269
Jawa Timur	37,286,200	74,042	133,595	-59,553	8,451	20,607	-12,156
Banten	9,782,800	1,394	35,051	-33,657	2,142	5,407	-3,265
Jawa	134,160,000	461,784	480,691 ^p	-18,907	42,724	74,147	-31,423
B a l i	3,551,000	46,214	12,723	33,491	3,992	1,963	2,029
Nusa Tenggara Barat	4,434,000	75	15,887	-15,812	8,562	2,451	6,111
Nusa Tenggara Timur	4,619,700	1,208	16,552	-15,344	953	2,553	-1,600
Bali	12,604,700	47,497	45,162 ^p	2,335	13,507	6,966	6,541
Kalimantan Barat	4,319,100	4,067	15,475	-11,408	2,648	2,387	261
Kalimantan Tengah	2,085,800	1,915	7,473	-5,558	1,511	1,153	358
Kalimantan Selatan	3,496,100	1,115	12,526	-11,411	2,471	1,932	539
Kalimantan Timur	3,164,800	22,334	11,339	10,995	1,979	1,749	230
Kalimantan	13,065,800	29,431	46,814 ^p	-17,383	8,609	7,221	1,388
Sulawesi Utara	2,228,900	5,557	7,986	-2,429	0	1,232	-1,232
Sulawesi Tengah	2,480,300	519	8,887	-8,368	94	1,371	-1,277
Sulawesi Selatan	7,908,500	8,395	28,336	-19,941	867	4,371	-3,504
Sulawesi Tenggara	2,118,300	362	7,590	-7,228	20	1,171	-1,151
Gorontalo	984,000	5	3,526	-3,521	0	544	-544
Sulawesi Barat	1,047,700	120	3,754	-3,634	36	579	-543
Sulawesi	16,767,700	14,958	60,078 ^p	-45,120	1,017	9,267	-8,250
M a l u k u	1,339,500	129	4,799	-4,670	0	740	-740
Maluku Utara	975,000	37	3,493	-3,456	18	539	-521
Papua Barat	743,900	131	2,665	-2,534	1	411	-410
Papua	2,097,500	636	7,515	-6,879	0	1,159	-1,159
Maluku and Papua	5,155,900	933	18,473 ^p	-17,540	19	2,850	-2,831
Indonesia	231,376,254	829,014	829,014 ^p	0	127,876	127,876	0
Consumption per capita		3.582969			0.552676		

Source: Statistik Indonesia 2010 (Badan Pusat Statistik Republik Indonesia)

4.2 Production, Consumption and Balance of Vegetables by Provinces (2009)

Production, Consumption and Balance of Each Vegetable by Provinces (2009) - 1/2

(Unit: ton)

Province	Population	Cabbage			Carrot			Chili		
		Production	Consumption	Balance	Production	Consumption	Balance	Production	Consumption	Balance
Aceh	4,363,500	8,225	25,613	-17,388	4,518	6,752	-2,234	34,820	26,001	8,819
Sumatera Utara	13,248,400	210,239	77,764	132,475	32,248	20,500	11,748	154,799	78,945	75,854
Sumatera Barat	4,828,000	90,321	28,339	61,982	13,141	7,470	5,671	41,522	28,769	12,753
R i a u	5,306,500	5	31,148	-31,143	0	8,211	-8,211	11,215	31,620	-20,405
J a m b i	2,834,200	20,028	16,636	3,392	851	4,385	-3,534	17,960	16,888	1,072
Sumatera Selatan	7,222,600	8,717	42,395	-33,678	2,551	11,176	-8,625	28,691	43,038	-14,347
Bengkulu	1,666,900	47,866	9,784	38,082	26,413	2,579	23,834	47,697	9,933	37,764
Lampung	7,498,654	17,023	44,015	-26,992	7,176	11,603	-4,427	28,390	44,683	-16,293
Bangka Belitung	1,138,100	0	6,680	-6,680	0	1,761	-1,761	5,843	6,782	-939
Kepulauan Riau	1,515,300	0	8,894	-8,894	0	2,345	-2,345	3,784	9,029	-5,245
Sumatra	49,622,154	402,424	291,268	111,156	86,898	76,782	10,116	374,721	295,689	79,032
Sumatra excluding Lampung	42,123,500	385,401	247,253	138,148	79,722	65,179	14,543	346,331	251,006	95,325
Lampung	7,498,654	17,023	44,015	-26,992	7,176	11,603	-4,427	28,390	44,683	-16,293
DKI Jakarta	9,223,000	0	54,136	-54,136	0	14,271	-14,271	0	54,958	-54,958
Jawa Barat	41,501,500	298,332	243,602	54,730	128,253	64,216	64,037	315,569	247,300	68,269
Jawa Tengah	32,864,600	348,616	192,906	155,710	70,520	50,852	19,668	220,929	195,834	25,095
DI Yogyakarta	3,501,900	70	20,555	-20,485	0	5,419	-5,419	17,010	20,867	-3,857
Jawa Timur	37,286,200	197,985	218,859	-20,874	46,483	57,694	-11,211	243,562	222,181	21,381
Banten	9,782,800	0	57,422	-57,422	39	15,137	-15,098	6,427	58,294	-51,867
Jawa	134,160,000	845,003	787,481	57,522	245,295	207,589	37,706	803,497	799,434	4,063
B a l i	3,551,000	25,628	20,843	4,785	3,418	5,495	-2,077	27,266	21,160	6,106
Nusa Tenggara Barat	4,434,000	10,615	26,026	-15,411	1,429	6,861	-5,432	39,334	26,421	12,913
Nusa Tenggara Timur	4,619,700	1,638	27,116	-25,478	2,410	7,148	-4,738	9,659	27,528	-17,869
Bali	12,604,700	37,881	73,986	-36,105	7,257	19,504	-12,247	76,259	75,109	1,150
Kalimantan Barat	4,319,100	32	25,352	-25,320	0	6,683	-6,683	11,122	25,737	-14,615
Kalimantan Tengah	2,085,800	203	12,243	-12,040	0	3,227	-3,227	8,145	12,429	-4,284
Kalimantan Selatan	3,496,100	5	20,521	-20,516	0	5,410	-5,410	7,653	20,833	-13,180
Kalimantan Timur	3,164,800	1,066	18,576	-17,510	0	4,897	-4,897	15,970	18,858	-2,888
Kalimantan	13,065,800	1,306	76,693	-75,387	0	20,217	-20,217	42,890	77,857	-34,967
Sulawesi Utara	2,228,900	31,575	13,083	18,492	9,498	3,449	6,049	14,407	13,282	1,125
Sulawesi Tengah	2,480,300	1,975	14,559	-12,584	412	3,838	-3,426	7,477	14,780	-7,303
Sulawesi Selatan	7,908,500	31,303	46,421	-15,118	7,781	12,237	-4,456	20,982	47,125	-26,143
Sulawesi Tenggara	2,118,300	1,492	12,434	-10,942	22	3,278	-3,256	4,763	12,623	-7,860
Gorontalo	984,000	1	5,776	-5,775	0	1,523	-1,523	15,002	5,863	9,139
Sulawesi Barat	1,047,700	420	6,150	-5,730	42	1,621	-1,579	2,504	6,243	-3,739
Sulawesi	16,767,700	66,766	98,422	-31,656	17,755	25,945	-8,190	65,135	99,916	-34,781
M a l u k u	1,339,500	573	7,862	-7,289	8	2,073	-2,065	328	7,982	-7,654
Maluku Utara	975,000	499	5,723	-5,224	0	1,509	-1,509	659	5,810	-5,151
Papua Barat	743,900	1,088	4,366	-3,278	566	1,151	-585	4,911	4,433	478
Papua	2,097,500	2,573	12,312	-9,739	235	3,246	-3,011	10,327	12,499	-2,172
Maluku and Papua	5,155,900	4,733	30,264	-25,531	809	7,978	-7,169	16,225	30,723	-14,498
Indonesia	231,376,254	1,358,113	1,358,113 ^F	0	358,014	358,014 ^F	0	1,378,727	1,378,727	0
Consumption per capita		5.869716			1.547324			5.958809		

Source: Statistik Indonesia 2010 (Badan Pusat Statistik Republik Indonesia)

Production, Consumption and Balance of Each Vegetable by Provinces (2009) - 2/2

(Unit: ton)

Province	Population	Onion (Leeks)			Potato			Shallot		
		Production	Consumption	Balance	Production	Consumption	Balance	Production	Consumption	Balance
Aceh	4,363,500	1,628	10,360	-8,732	13,599	22,184	-8,585	2,868	18,202	-15,334
Sumatera Utara	13,248,400	13,865	31,456	-17,591	129,587	67,354	62,233	12,655	55,264	-42,609
Sumatera Barat	4,828,000	15,290	11,463	3,827	28,820	24,545	4,275	21,985	20,140	1,845
R i a u	5,306,500	76	12,599	-12,523	0	26,978	-26,978	0	22,136	-22,136
J a m b i	2,834,200	1,847	6,729	-4,882	94,368	14,409	79,959	1,813	11,823	-10,010
Sumatera Selatan	7,222,600	2,153	17,149	-14,996	1,333	36,719	-35,386	17	30,128	-30,111
Bengkulu	1,666,900	36,457	3,958	32,499	5,410	8,474	-3,064	938	6,953	-6,015
Lampung	7,498,654	5,853	17,804	-11,951	741	38,123	-37,382	300	31,280	-30,980
Bangka Belitung	1,138,100	63	2,702	-2,639	0	5,786	-5,786	0	4,747	-4,747
Kepulauan Riau	1,515,300	17	3,598	-3,581	0	7,704	-7,704	0	6,321	-6,321
Sumatra	49,622,154	77,249	117,820	-40,571	273,858	252,276	21,582	40,576	206,994	-166,418
Sumatra excluding Lampung	42,123,500	71,396	100,015	-28,619	273,117	214,154	58,963	40,276	175,714	-135,438
Lampung	7,498,654	5,853	17,804	-11,951	741	38,123	-37,382	300	31,280	-30,980
DKI Jakarta	9,223,000	0	21,899	-21,899	0	46,889	-46,889	0	38,473	-38,473
Jawa Barat	41,501,500	200,028	98,539	101,489	320,542	210,991	109,551	123,587	173,120	-49,533
Jawa Tengah	32,864,600	96,417	78,032	18,385	288,654	167,082	121,572	406,725	137,092	269,633
DI Yogyakarta	3,501,900	1,948	8,315	-6,367	192	17,803	-17,611	19,763	14,608	5,155
Jawa Timur	37,286,200	73,992	88,530	-14,538	125,886	189,561	-63,675	181,490	155,536	25,954
Banten	9,782,800	339	23,228	-22,889	85	49,735	-49,650	668	40,808	-40,140
Jawa	134,160,000	372,724	318,541	54,183	735,359	682,062	53,297	732,233	559,636	172,597
B a l i	3,551,000	1,934	8,431	-6,497	5,488	18,053	-12,565	11,554	14,813	-3,259
Nusa Tenggara Barat	4,434,000	556	10,528	-9,972	5,030	22,542	-17,512	133,945	18,496	115,449
Nusa Tenggara Timur	4,619,700	492	10,969	-10,477	1,476	23,486	-22,010	16,602	19,271	-2,669
Bali	12,604,700	2,982	29,928	-26,946	11,994	64,082	-52,088	162,101	52,579	109,522
Kalimantan Barat	4,319,100	1,197	10,255	-9,058	0	21,958	-21,958	0	18,017	-18,017
Kalimantan Tengah	2,085,800	881	4,952	-4,071	0	10,604	-10,604	0	8,701	-8,701
Kalimantan Selatan	3,496,100	345	8,301	-7,956	0	17,774	-17,774	17	14,584	-14,567
Kalimantan Timur	3,164,800	1,281	7,514	-6,233	0	16,090	-16,090	122	13,202	-13,080
Kalimantan	13,065,800	3,704	31,023	-27,319	0	66,426	-66,426	139	54,503	-54,364
Sulawesi Utara	2,228,900	78,125	5,292	72,833	142,109	11,332	130,777	6,918	9,298	-2,380
Sulawesi Tengah	2,480,300	517	5,889	-5,372	535	12,610	-12,075	6,490	10,346	-3,856
Sulawesi Selatan	7,908,500	11,378	18,777	-7,399	11,802	40,206	-28,404	13,246	32,990	-19,744
Sulawesi Tenggara	2,118,300	783	5,030	-4,247	0	10,769	-10,769	657	8,836	-8,179
Gorontalo	984,000	231	2,336	-2,105	0	5,003	-5,003	405	4,105	-3,700
Sulawesi Barat	1,047,700	333	2,488	-2,155	116	5,326	-5,210	881	4,370	-3,489
Sulawesi	16,767,700	91,367	39,812	51,555	154,562	85,246	69,316	28,597	69,945	-41,348
M a l u k u	1,339,500	10	3,180	-3,170	0	6,810	-6,810	167	5,588	-5,421
Maluku Utara	975,000	301	2,315	-2,014	0	4,957	-4,957	237	4,067	-3,830
Papua Barat	743,900	663	1,766	-1,103	378	3,782	-3,404	327	3,103	-2,776
Papua	2,097,500	365	4,980	-4,615	153	10,664	-10,511	787	8,750	-7,963
Maluku and Papua	5,155,900	1,339	12,242	-10,903	531	26,212	-25,681	1,518	21,507	-19,989
Indonesia	231,376,254	549,365	549,365^F	0	1,176,304	1,176,304^F	0	965,164	965,164	0
Consumption per capita		2.374336			5.083944			4.171405		

Source: Statistik Indonesia 2010 (Badan Pusat Statistik Republik Indonesia)

4.3 Production, Consumption and Balance of Fruits in Lampung Province (2009)

Production, Consumption and Balance of Each Fruit in Lampung Province (2009) - 1/2												(Unit: ton)	
Kabupaten	Population	Avocado			Star fruit			Lanzon (Duluck)			Balance		
		Production	Consumption	Balance	Production	Consumption	Balance	Production	Consumption	Balance			
Kabupaten Lampung Barat	401,095	2,116	447	1,669	304	126	179	317	339	-21			
Kabupaten Tenggamus	486,284	1,841	541	1,299	84	152	-68	2,365	411	1,954			
Kabupaten Lampung Sulatan	943,885	495	1,051	-557	207	296	-88	480	797	-317			
Kabupaten Lampung Timur	957,479	565	1,066	-502	145	300	-154	199	808	-609			
Kabupaten Lampung Tengah	1,956,232	1,324	2,178	-854	489	612	-124	32	1,652	-1,620			
Kabupaten Lampung Utara	571,883	385	637	-252	176	179	-4	506	483	23			
Kabupaten Way Kanan	366,707	528	408	119	39	115	-76	474	310	164			
Kabupaten Tulang Bawang	415,602	2,226	463	-23	304	130	174	2	351	-349			
Kabupaten Pasawaran	429,697	1,277	478	798	119	135	-15	249	363	-114			
Kota Bandar Lampung	833,517	226	928	-702	68	261	-193	119	704	-585			
Kota Metro	136,273	63	152	-89	24	43	-19		115	-115			
Consumption per capita	7,498,654	9,257	8,350	907	1,959	2,348	-389	4,743	6,332	-1,589			
		1.113519627			0.313096088			0.84435631					
Kabupaten	Population	Durian			Guava			Orange			Balance		
		Production	Consumption	Balance	Production	Consumption	Balance	Production	Consumption	Balance			
Kabupaten Lampung Barat	401,095	2,328	1,383	945	517	1,383	-866	67	3,695	-3,629			
Kabupaten Tenggamus	486,284	11,308	1,677	9,632	64	1,677	-1,613	5	4,480	-4,475			
Kabupaten Lampung Sulatan	943,885	9,300	3,255	6,046	376	3,255	-2,879	231	8,696	-8,466			
Kabupaten Lampung Timur	957,479	2,298	3,301	-1,003	573	3,301	-2,728	66	8,822	-8,755			
Kabupaten Lampung Tengah	1,956,232	578	6,745	-6,167	255	6,745	-6,490	30	18,024	-17,994			
Kabupaten Lampung Utara	571,883	1,171	1,972	-801	166	1,972	-1,806	79	5,269	-5,190			
Kabupaten Way Kanan	366,707	1,254	1,264	-10	52	1,264	-1,213	10	3,379	-3,369			
Kabupaten Tulang Bawang	415,602	1	1,433	-1,432	838	1,433	-595	2	3,829	-3,827			
Kabupaten Pasawaran	429,697	1,688	1,482	206	148	1,482	-1,333	131	3,959	-3,828			
Kota Bandar Lampung	833,517	501	2,874	-2,373	48	2,874	-2,826	3	7,680	-7,677			
Kota Metro	136,273	36	470	-433	53	470	-417	3	1,256	-1,252			
Consumption per capita	7,498,654	30,464	25,856	4,608	3,090	25,856	-22,766	626	69,088	-68,462			
		3.448054786			0.951705269			9.213426024					
Kabupaten	Population	Mango			Mangosteen			Pineapple			Balance		
		Production	Consumption	Balance	Production	Consumption	Balance	Production	Consumption	Balance			
Kabupaten Lampung Barat	401,095	667	3,889	-3,222	203	183	20	246	2,701	-2,456			
Kabupaten Tenggamus	486,284	335	4,715	-4,380	2,288	222	2,066	12	3,275	-3,263			
Kabupaten Lampung Sulatan	943,885	3,122	9,152	-6,030	92	431	-339	142	6,357	-6,215			
Kabupaten Lampung Timur	957,479	1,621	9,284	-7,663	21	437	-416	84	6,448	-6,364			
Kabupaten Lampung Tengah	1,956,232	1,808	18,968	-17,159	15	892	-878	440,952	13,174	427,778			
Kabupaten Lampung Utara	571,883	1,891	5,545	-3,654	85	261	-176	358	3,851	-3,493			
Kabupaten Way Kanan	366,707	1,778	3,556	-1,778	19	167	-148	88	2,470	-2,381			
Kabupaten Tulang Bawang	415,602	2,442	4,030	-1,588	190	190	-190	333	2,799	-2,466			
Kabupaten Pasawaran	429,697	1,252	4,166	-2,915	10	196	-186	206	2,894	-2,688			
Kota Bandar Lampung	833,517	423	8,082	-7,659	19	380	-361	6	5,613	-5,607			
Kota Metro	136,273	178	1,321	-1,143	62	62	-62	5	918	-913			
Consumption per capita	7,498,654	15,517	72,707	-57,191	2,751	3,421	-670	442,431	50,499	391,931			
		9.696068465			0.456217949			6.734468093					

Source: Lampung Dalam Angka 2010 (BAPPEDA, Lampung Province)

Features of Fruits Production in Lampung Province

(1) Production of Fruits in Lampung

Lampung's commonly cultivated horticultural commodities consist of 25 types of fruits and vegetables¹. As for fruits there are 12 types as avocados, lansheh totrees (lansium trees or sour lansium fruits), durians, guavas, pomelos, mangoes, pineapples, papayas, bananas, rambutans, zalacca palms, sapodillas. As for vegetables there are 13 types as shallots, scallions, cabbages, leucaenas/mustards, carrots, chili, tomatoes, eggplants, green beans, cucumbers, squashes, watercress, and spinach.

(2) Demand and Supply of Fruits Products in Lampung

The production of fruits in Lampung is 1,361,523 ton in 2009, which is the first 5 among all 33 provinces in Indonesia. The share is 7.3% of all production It is 26.9% of the all production in Sumatra and the second best in Sumatra.

The demand of fruits in Lampung is estimated 584,895 ton so Lampung has 776,628 ton capacity of supply to other area, particularly to Java with DKI Jakarta.

The top 5 of fruits on production in Lampung are the following:

1. Banana (681,875 ton)
2. Pineapple (442,431 ton)
3. Papaya (53,354 ton)
4. Durian (30,463 ton)
5. Water Melon (29,111 ton)²

The top 5 of fruits on the share in Indonesia are following:

1. Pineapples (28.4%)
2. Banana (10.7%)
3. Sapodilla (9.4%)
4. Papaya (6.9%)
5. Durian 30,463 (3.8%)

1) Banana

The production of Bananas in Lampung is 681,875 tons in 2009. The share of Lampung in Indonesia is 10.7% and 45.6% in Sumatra. The demand of bananas in Lampung is estimated 206,559 tons so Lampung has 475,316 tons capacity of supply to other area, particularly to Java with DKI Jakarta.

Pasawaran produces 42.2% of Lampung, Lampung Sulatan (South) 34.1% and Lampung Timur (East) 15.8%.

2) Pineapple

The production of Bananas in Lampung is 442,431 tons in 2009. The share of Lampung in Indonesia is 28.4% and 50.7% in Sumatra. The demand of pineapples in Lampung is estimated 50,499 tons so Lampung has 391,932 tons capacity of supply to other area, particularly to Java with DKI Jakarta. Lampung Tengah (central) produces 99.7% of them.

3) Papaya

The production of Bananas in Lampung is 53,354 tons in 2009. The share of Lampung in Indonesia is 6.9% and 31.5% in Sumatra. The demand of papayas in Lampung is estimated 25,047 tons so Lampung has 28,307 tons capacity of supply to other area, particularly to Java with DKI Jakarta.

Lampung Timur (East) produces 86.1% of them.

4) Durian

The production of Bananas in Lampung is 30,463 tons in 2009. Although the crops are fluctuated by year, it is 1.7 times from 2005. The share of Lampung in Indonesia is 3.8% and 10.3% in Sumatra.

The demand of durians in Lampung is estimated 25,856 tons so Lampung has 4,607 tons capacity of supply to other area, particularly to Java with DKI Jakarta. However it is estimated to export more to Java to see the O/D survey. Tenggamus produces 37.1% of them and Lampung Sulatan (South) 30.5%.

5) Water Melon

The production of Bananas in Lampung is 29,111 tons in 2009. Lampung Tengah (Central) produces 42.1% of them, Tulang Bawang 31.2% and Lampung Timur (East) 21.6%.

¹ Lampung Dalam Angka, 2008

² Watermelon and melon are categorized into vegetables in some statics but in this section we put them into the fruits section.

6) Rambutan

The production of Bananas in Lampung is 28,382 tons in 2009. The share of Lampung in Indonesia is 2.9% and 13.5% in Sumatra. Pesawaran produces 54.4% of them and all other regions also produce some of them.

7) Jack Fruits

The production of Bananas in Lampung is 22,767 tons in 2009. Lampung Timur (East) produces 21.6%, Lampung Tengah (Central) 20.3%, Tulang Bawang 16.0%, Lampung Utara (North) 12.6% and Lampung Selatan (South) 11.7%.

8) Mango

The production of Bananas in Lampung is 15,517 tons in 2009. The production is very fluctuating. The share of Lampung in Indonesia is 0.7% and 15.2% in Sumatra. The demand of mangos in Lampung is estimated 72,707 tons so Lampung has to import 57,190 tons from Java and others.

Lampung Selatan (South) produces 20.1% of them, Tulang Bawang 15.7%, Lampung Utara (North) 12.2%, Lampung Tengah (Central) 11.7%, Way Kanan 11.5% and Lampung Timur (East) 10.4%.

9) Sapodilla

The production of Bananas in Lampung is 11,977 tons in 2009. The share of Lampung in Indonesia is 9.4% and 19.3% in Sumatra. Lampung Tengah (Central) produces 28.5% of them, Lampung Timur 21.9% and Tulang Bawang 21.7%.

10) Avocado

The production of Bananas in Lampung is 9,260 tons in 2009. The share of Lampung in Indonesia is 3.6% and 16.7% in Sumatra. The demand of avocados in Lampung is estimated 8,350 tons so Lampung has 907 tons capacity of supply to other area, particularly to Java with DKI Jakarta.

Lampung Barat (West) produces 22.9%, Tenggamus 19.9%, Lampung Tengah (Central) 14.3% and Pasawaran 13.8%.

Source: Lampung Dalam Angka 2010 (BAPPEDA, Lampung Province)

4.4 Production, Consumption and Balance of Vegetables in Lampung Province (2009)

Kabupaten	Population	Chili (Long + Small)			Potato			Cabbage			(Unit: ton)
		Production	Consumption	Balance	Production	Consumption	Balance	Production	Consumption	Balance	
Kabupaten Lampung Barat	401,095	6,035	2,390	3,645	733	2,039	-1,306	10,569	2,354	8,214	
Kabupaten Tenggamus	486,284	6,976	2,898	4,078	1	2,472	-2,471	6,329	2,854	3,474	
Kabupaten Lampung Sulatan	943,885	4,580	5,624	-1,044	7	4,799	-4,792	124	5,540	-5,416	
Kabupaten Lampung Timur	957,479	974	5,705	-4,732		4,868	-4,868	2	5,620	-5,619	
Kabupaten Lampung Tengah	1,956,232	2,403	11,657	-9,254		9,945	-9,945		11,483	-11,483	
Kabupaten Lampung Utara	571,883	912	3,408	-2,496		2,907	-2,907		3,357	-3,357	
Kabupaten Way Kanan	366,707	1,185	2,185	-1,000		1,864	-1,864		2,152	-2,152	
Kabupaten Tulang Bawang	415,602	1,456	2,476	-1,020		2,113	-2,113		2,439	-2,439	
Kabupaten Pasawaran	429,697	3,622	2,560	1,061		2,185	-2,185		2,522	-2,522	
Kota Bandar Lampung	833,517	185	4,967	-4,781		4,238	-4,238		4,893	-4,893	
Kota Metro	136,273	62	812	-750		693	-693		800	-800	
Consumption per capita	7,498,654	28,390	44,683	-16,293	741	38,123	-37,382	17,023	44,015	-26,992	
		5,958,809,412			5,083,944,353			5,869,716,432			
Kabupaten	Population	Onion			Red Bean			Carrot			
		Production	Consumption	Balance	Production	Consumption	Balance	Production	Consumption	Balance	
Kabupaten Lampung Barat	401,095	2,861	952	1,908	1,135	191	944	7,172	621	6,552	
Kabupaten Tenggamus	486,284	799	1,155	-356	63	231	-169	4	752	-749	
Kabupaten Lampung Sulatan	943,885	1,767	2,241	-474		449	-449		1,460	-1,460	
Kabupaten Lampung Timur	957,479	13	2,273	-2,261		455	-455		1,482	-1,482	
Kabupaten Lampung Tengah	1,956,232		4,645	-4,645	1	930	-930		3,027	-3,027	
Kabupaten Lampung Utara	571,883		1,358	-1,358		272	-272		885	-885	
Kabupaten Way Kanan	366,707		871	-871		174	-174		567	-567	
Kabupaten Tulang Bawang	415,602		987	-987		198	-198		643	-643	
Kabupaten Pasawaran	429,697	16	1,020	-1,005		204	-204		665	-665	
Kota Bandar Lampung	833,517	122	1,979	-1,857		396	-396		1,290	-1,290	
Kota Metro	136,273	277	324	-47		65	-65		211	-211	
Consumption per capita	7,498,654	5,853	17,804	-11,951	1,198	3,567	-2,369	7,176	11,603	-4,427	
		2,374,336,132			0,475,636,536			1,547,323,867			
Kabupaten	Population	Yardlong Bean			Tomato			Egg Plant			
		Production	Consumption	Balance	Production	Consumption	Balance	Production	Consumption	Balance	
Kabupaten Lampung Barat	401,095	2,280	839	1,442	5,058	1,479	3,579	5,651	783	4,868	
Kabupaten Tenggamus	486,284	2,576	1,017	1,559	3,865	1,793	2,073	6,145	949	5,195	
Kabupaten Lampung Sulatan	943,885	3,868	1,974	1,894	3,820	3,480	340	3,577	1,842	1,734	
Kabupaten Lampung Timur	957,479	1,258	2,002	-744	288	3,530	-3,243	1,338	1,869	-531	
Kabupaten Lampung Tengah	1,956,232	2,255	4,090	-1,835	763	7,212	-6,449	2,235	3,818	-1,583	
Kabupaten Lampung Utara	571,883	1,136	1,196	-60	572	2,108	-1,537	473	1,116	-643	
Kabupaten Way Kanan	366,707	1,649	767	883	1,025	1,352	-327	902	716	186	
Kabupaten Tulang Bawang	415,602	2,549	869	1,680	727	1,532	-805	3,400	811	2,588	
Kabupaten Pasawaran	429,697	481	898	-417	513	1,584	-1,071	1,103	839	264	
Kota Bandar Lampung	833,517	753	1,743	-990	708	3,073	-2,365	630	1,627	-997	
Kota Metro	136,273	288	285	3	150	502	-352	150	266	-116	
Consumption per capita	7,498,654	19,094	15,679	3,415	17,489	27,647	-10,157	25,602	14,635	10,968	
		2,090,936,263			3,686,899,521			1,951,643,663			

Source: Lampung Dalam Angka 2010 (BAPPEDA, Lampung Province)

Production, Consumption and Balance of Each Vegetable in Lampung Province (2009) - 2/2												(Unit: ton)	
Kabupaten	Population	Cucumber			Pumpkin			Swamp Cabbage (Kankoon)			Balance		
		Production	Consumption	Balance	Production	Consumption	Balance	Production	Consumption	Balance			
Kabupaten Lampung Barat	401,095	2,337	1,011	1,327	15,755	556	15,198	1,515	626	890			
Kabupaten Tanggamus	486,284	4,088	1,226	2,863	2,658	675	1,983	208	759	-551			
Kabupaten Lampung Sulatan	943,885	4,236	2,379	1,857	139	1,310	-1,170	2,360	1,473	887			
Kabupaten Lampung Timur	957,479	1,225	2,413	-1,188	44	1,328	-1,284	1,019	1,494	-475			
Kabupaten Lampung Tengah	1,956,232	2,185	4,930	-2,745	4	2,714	-2,711	1,245	3,052	-1,807			
Kabupaten Lampung Utara	571,883	572	1,441	-870	57	793	-736	252	892	-640			
Kabupaten Way Kanan	366,707	1,562	924	638	7	509	-502	1,554	572	981			
Kabupaten Tulang Bawang	415,602	3,196	1,047	2,149	105	577	-472	2,227	648	1,579			
Kabupaten Pasawaran	429,697	662	1,083	-421	0	596	-596	64	670	-607			
Kota Bandar Lampung	833,517	704	2,101	-1,397	0	1,156	-1,156	499	1,300	-802			
Kota Metro	136,273	187	343	-157	12	189	-177	321	213	108			
Consumption per capita	7,498,654	20,954	18,899	2,055	18,781	10,404	8,377	11,262	11,699	-437			
		2,520,306,168			1,387,450,071			1,560,194,678					
Kabupaten	Population	Spinach			Balance								
		Production	Consumption	Balance									
Kabupaten Lampung Barat	401,095	587	301	286									
Kabupaten Tanggamus	486,284	219	365	-146									
Kabupaten Lampung Sulatan	943,885	748	709	39									
Kabupaten Lampung Timur	957,479	395	719	-324									
Kabupaten Lampung Tengah	1,956,232	903	1,469	-566									
Kabupaten Lampung Utara	571,883	284	429	-146									
Kabupaten Way Kanan	366,707	434	275	159									
Kabupaten Tulang Bawang	415,602	697	312	385									
Kabupaten Pasawaran	429,697	23	323	-300									
Kota Bandar Lampung	833,517	351	626	-275									
Kota Metro	136,273	97	102	-6									
Consumption per capita	7,498,654	4,737	5,631	-894									
		0,750,941,365											

Source: Lampung Dalam Angka 2010 (BAPPEDA, Lampung Province)

Features of Fruits Production in Lampung Province

(1) Production of Vegetables in Lampung

Lampung's commonly cultivated horticultural commodities consist of 25 types of fruits and vegetables³. As for fruits there are 12 types as avocados, lanseh totrees (lansium trees or sour lansium fruits), durians, guavas, pomelos, mangoes, pineapples, papayas, bananas, rambutans, zalacca palms, sapodillas. As for vegetables there are 13 types as shallots, scallions, cabbages, leucaenas/mustards, carrots, chili, tomatoes, eggplants, green beans, cucumbers, squashes, watercress, and spinach.

(2) Demand and Supply of Vegetables in Lampung

The production of vegetables in Lampung is 232,725 tons in 2009 and the share is 2.2% of all production in Indonesia that is the first 9 among 33 provinces. It is 26.9% of the all production in Sumatra and the second best in Sumatra.

The top 5 of vegetables on production in Lampung are the following:

1. Chili (28,392 tons)
2. Eggplant (25,604 tons)
3. Cucumber (20,954 tons)
4. Yard long Bean (19,093 tons)
5. Pumpkin (18,781 tons)

Demand of vegetables in Lampung is 332,190 tons in 2009 so Lampung has to import 99,465 tons from Java and other Sumatra.

1) Chili

The production of chili in Lampung is 28,392 tons in 2009. Among it small chili is 8,024 tons. Other chili is 20,366 tons to increase by 27.6%. Lampung Barat (West) produces 27.5% of small chili, Tenggamus 18.4%, Pasawaran 13.5% and Lampung Sulatan (South) 13.2%. Tenggamus produces 27.0% of other chili, Lampung Barat (West) 18.8%, Lampung Sulatan (South) 17.3% and Pasawaran 12.5%.

2) Eggplant

The production of eggplants in Lampung is 25,604 tons in 2009. Tenggamus produces 24.0% of them, Lampung Barat (West) produces 22.1%, Lampung Sulatan 14.0% and Tulang Bawang 13.3%.

3) Cucumber

The production of Bananas in Lampung is 20,954 tons in 2009. Lampung Sulatan (South) produces 20.2%, Tenggamus 19.5%, Tulang Bawang 15.3%, Lampung Barat (West) 11.2% and Lampung Tengah 10.4%

4) Yard long Bean

The production of Bananas in Lampung is 19,093 tons in 2009. Lampung Sultan produces 20.3% of them, Tenggamus 13.5%, Tulang Bawang 13.4%, Lampung Barat (West) 11.9% and Lampung Tengah (Central) 11.8%.

5) Pumpkin

The production of Bananas in Lampung is 18,781 tons in 2009. Lampung Barat produces 83.9% of them.

6) Tomato

The production of Bananas in Lampung is 17,489 tons in 2009. Lampung Barat (West) produces 28.9% of them, Tenggamus 22.1%, and Lampung Sulatan (South) 21.8%.

7) Cabbage

The production of Bananas in Lampung is 17,024 tons in 2009. Lampung Barat (West) produces 62.1% of them and Tenggamus 37.2%.

Source: Lampung Dalam Angka 2010 (BAPPEDA, Lampung Province)

³ Lampung Dalam Angka, 2008

4.5 Production of Estate Crops in Lampung Province (2009)

Features of Estate Crops Production in Lampung Province

The public plantation subsector in Lampung is dominated by five prime commodities: robusta coffee, coconuts, rubber, pepper, and cacao (*Lampung Dalam Angka*, 2008). The agribusiness development in the plantation subsector tends to be focused on the folk plantation subsector instead of on large plantations owned by private sectors or the state.

(1) Robusta coffee

The production of Robusta coffee in Lampung Province is still dominated by the following regencies: Western Lampung (39.89%) and Tanggamus (32.09%). In 2007, Lampung's public Robusta coffee plantations are 163,839 hectares in total, and the total production amount is 140,946 tons. Robusta coffee produced in folk plantations/by farmers are mostly sold as seeds and not yet processed. As a result, farmers do not receive maximum added value from their coffee produces.

Table Production of Smallholders Estate Robsta Coffee

	2005	2006	2007	2008	2009
Total (ton/year)	14,305	14,129	14,095	14,005	14,519

(2) Coconuts

In 2007, Lampung Province's folk coconut plantations are 130,305 hectares in total, and the total production amount is 112,904 tons. The regencies where the production centers are located, and the rates at which these centers contribute to the overall production, are as follows: Southern Lampung (29.41%) and Eastern Lampung (23.48%).

Table Production of Smallholders Estate Coconut"

	2005	2006	2007	2008	2009
Total (ton/year)	11,257	10,300	11,290	11,105	10,479

Table Production of Smallholders Estate Hybrid Coconut

	2005	2006	2007	2008	2009
Total (ton/year)	195	167	171	125	106

(3) Cacao

In 2007, Lampung's folk cacao plantations are 35,807 hectares in total. The production center is located in the regency of Eastern Lampung.

Almost all cacao plantations in Lampung are folk plantations. In the Eastern Lampung regency, the folk cacao plantations are 6,427 hectares in total, with the productivity rate of 917.85 kg/ha. The regencies where the cacao production centers are located are: Eastern Lampung, Southern Lampung, Central Lampung, and Tanggamus. 9,110 heads of families work in these centers as cacao plantation farmers.

Table, "Production of Smallholders Estate Cocoa"

	2005	2006	2007	2008	2009
Total (ton/year)	1,895	2,155	2,136	2,166	2,201

Source: Lampung Dalam Angka 2010 (BAPPEDA, Lampung Province)

4.6 Total Production, Consumption and Balance of Fruits by Provinces (2009)

				(Unit: ton)
Province	Population	Production	Consumption 78.0/capita	Balance
Aceh	4,363,500	193,331	340,353	-147,022
North Sumatera	13,248,400	1,825,044	1,033,375	791,669
West Sumatera	4,828,000	369,205	376,584	-7,379
R i a u	5,306,500	217,787	413,907	-196,120
J a m b i	2,834,200	291,722	221,068	70,654
South Sumatera	7,222,600	586,171	563,363	22,808
Bengkulu	1,666,900	118,402	130,018	-11,616
Lampung	7,498,654	1,361,523	584,895	776,628
Bangka Belitung	1,138,100	60,519	88,772	-28,253
Riau Islands	1,515,300	28,605	118,193	-89,588
Sumatra	49,622,154	5,052,309	3,870,528	1,181,781
Sumatra excluding Lampung	42,123,500	3,690,786	3,285,633	405,153
Lampung	7,498,654	1,361,523	584,895	776,628
			-	0
DKI Jakarta	9,223,000	12,450	719,394	-706,944
West Jawa	41,501,500	3,365,945	3,237,117	128,828
Central Jawa	32,864,600	2,207,543	2,563,439	-355,896
DI Yogyakarta	3,501,900	268,509	273,148	-4,639
East Jawa	37,286,200	3,427,808	2,908,324	519,484
Banten	9,782,800	307,189	763,058	-455,869
Jawa	134,160,000	9,589,444	10,464,480	-875,036
			-	0
B a l i	3,551,000	528,346	276,978	251,368
West Nusa Tenggara	4,434,000	384,733	345,852	38,881
East Nusa Tenggara	4,619,700	636,065	360,337	275,728
Bali	12,604,700	1,549,144	983,167	565,977
			-	0
West Kalimantan	4,319,100	425,329	336,890	88,439
Central Kalimantan	2,085,800	172,983	162,692	10,291
South Kalimantan	3,496,100	321,595	272,696	48,899
East Kalimantan	3,164,800	292,824	246,854	45,970
Kalimantan	13,065,800	1,212,731	1,019,132	193,599
			-	0
North Sulawesi	2,228,900	144,071	173,854	-29,783
Central Sulawesi	2,480,300	88,129	193,463	-105,334
South Sulawesi	7,908,500	576,157	616,863	-40,706
South-east Sulawesi	2,118,300	75,796	165,227	-89,431
Gorontalo	984,000	17,074	76,752	-59,678
West Sulawesi	1,047,700	248,690	81,721	166,969
Sulawesi	16,767,700	1,149,917	1,307,881	-157,964
			-	0
M a l u k u	1,339,500	22,239	104,481	-82,242
North Maluku	975,000	6,732	76,050	-69,318
West Papua	743,900	21,107	58,024	-36,917
Papua	2,097,500	50,275	163,605	-113,330
Maluku and Papua	5,155,900	100,353	402,160	-301,807
			-	0
Indonesia	231,376,254	18,653,900	18,047,348	606,552

Source: MOA

4.7 Total Production, Consumption and Balance of Vegetables by Provinces (2009)

				(Unit: ton)
Province	Population	Production	Consumption 44.3/capita	Balance
Aceh	4,363,500	154,957	193,303	-38,346
North Sumatera	13,248,400	930,215	586,904	343,311
West Sumatera	4,828,000	369,093	213,880	155,213
R i a u	5,306,500	73,620	235,078	-161,458
J a m b i	2,834,200	197,575	125,555	72,020
South Sumatera	7,222,600	177,371	319,961	-142,590
Bengkulu	1,666,900	382,770	73,844	308,926
Lampung	7,498,654	232,725	332,190	-99,465
Bangka Belitung	1,138,100	34,516	50,418	-15,902
Riau Islands	1,515,300	34,124	67,128	-33,004
Sumatra	49,622,154	2,586,966	2,198,261	388,705
Sumatra excluding Lampung	42,123,500	2,354,241	1,866,071	488,170
Lampung	7,498,654	232,725	332,190	-99,465
			-	
DKI Jakarta	9,223,000	28,776	408,579	-379,803
West Jawa	41,501,500	2,939,553	1,838,516	1,101,037
Central Jawa	32,864,600	1,894,938	1,455,902	439,036
DI Yogyakarta	3,501,900	88,309	155,134	-66,825
East Jawa	37,286,200	1,242,430	1,651,779	-409,349
Banten	9,782,800	117,610	433,378	-315,768
Jawa	134,160,000	6,311,616	5,943,288	368,328
			-	
B a l i	3,551,000	173,274	157,309	15,965
West Nusa Tenggara	4,434,000	275,241	196,426	78,815
East Nusa Tenggara	4,619,700	130,892	204,653	-73,761
Bali	12,604,700	579,407	558,388	21,019
			-	
West Kalimantan	4,319,100	78,276	191,336	-113,060
Central Kalimantan	2,085,800	53,091	92,401	-39,310
South Kalimantan	3,496,100	53,763	154,877	-101,114
East Kalimantan	3,164,800	131,334	140,201	-8,867
Kalimantan	13,065,800	316,464	578,815	-262,351
			-	
North Sulawesi	2,228,900	372,604	98,740	273,864
Central Sulawesi	2,480,300	45,674	109,877	-64,203
South Sulawesi	7,908,500	204,689	350,347	-145,658
South-east Sulawesi	2,118,300	52,678	93,841	-41,163
Gorontalo	984,000	24,084	43,591	-19,507
West Sulawesi	1,047,700	14,387	46,413	-32,026
Sulawesi	16,767,700	714,116	742,809	-28,693
			-	
M a l u k u	1,339,500	3,864	59,340	-55,476
North Maluku	975,000	8,448	43,193	-34,745
West Papua	743,900	47,963	32,955	15,008
Papua	2,097,500	59,441	92,919	-33,478
Maluku and Papua	5,155,900	119,716	228,406	-108,690
			-	
Indonesia	231,376,254	10,628,285	10,249,968	378,317

Source: MOA

4.8 Production, Consumption and Balance of Fruits in East Java Province (2009)

(unit: ton)

Production, Consumption and Balance of Each Fruit in East Java Province (2009) - 1/4										
Kabupaten/ Kota	Population	Avocado (Alpukat)			Star Fruit (Belimbing)			Duku / Langsung		
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance
1 Pacitan	558,664	327	622	-295	85	175	-90	146	472	-326
2 Ponorogo	899,074	8,935	1,001	7,934	548	281	267	41	759	-718
3 Trenggalek	675,765	211	752	-541	415	212	203	267	571	-304
4 Tulungagung	992,048	294	1,105	-811	2,327	311	2,016	27	838	-811
5 Blitar	1,070,446	11,087	1,192	9,895	2,042	335	1,707	1,238	904	334
6 Kediri	1,451,861	5,909	1,617	4,292	270	455	-185	9	1,226	-1,217
7 Malang	2,425,311	12,476	2,701	9,775	1,344	759	585	6,525	2,048	4,477
8 Lumajang	1,028,103	1,105	1,145	-40	293	322	-29	115	868	-753
9 Jember	2,327,957	4,229	2,592	1,637	695	729	-34	2,538	1,966	572
10 Banyuwangi	1,535,701	1,959	1,710	249	237	481	-244	604	1,297	-693
11 Bondowoso	708,905	3,403	789	2,614	189	222	-33	168	599	-431
12 Situbondo	624,888	135	696	-561	31	196	-165	0	528	-528
13 Probolinggo	1,044,237	3,857	1,163	2,694	215	327	-112	7	882	-875
14 Pasuruan	1,452,629	4,567	1,618	2,949	727	455	272	304	1,227	-923
15 Sidoarjo	1,802,948	0	2,008	-2,008	490	564	-74	0	1,522	-1,522
16 Mojokerto	1,013,988	620	1,129	-509	158	317	-159	8	856	-848
17 Jombang	1,301,459	115	1,449	-1,334	50	407	-357	5	1,099	-1,094
18 Nganjuk	1,002,530	475	1,116	-641	80	314	-234	187	846	-659
19 Madiun	642,638	1,424	716	708	293	201	92	0	543	-543
20 Magetan	626,092	1,249	697	552	28	196	-168	0	529	-529
21 Ngawi	836,767	93	932	-839	71	262	-191	19	707	-688
22 Bojonegoro	1,270,876	0	1,415	-1,415	539	398	141	2	1,073	-1,071
23 Tuban	1,080,956	0	1,204	-1,204	1,714	338	1,376	0	913	-913
24 Lamongan	1,189,615	0	1,325	-1,325	567	372	195	0	1,004	-1,004
25 Gresik	1,215,603	1	1,354	-1,353	253	381	-128	0	1,026	-1,026
26 Bangkalan	973,681	36	1,084	-1,048	33	305	-272	29	822	-793
27 Sampang	919,548	5	1,024	-1,019	7	288	-281	0	776	-776
28 Pamekasan	851,690	359	948	-589	71	267	-196	0	719	-719
29 Sumenep	1,017,147	26	1,133	-1,107	81	318	-237	0	859	-859
30 Kota Kediri	272,610	0	304	-304	6	85	-79	0	230	-230
31 Kota Blitar	133,408	85	149	-64	2,341	42	2,299	42	113	-71
32 Kota Malang	820,857	105	914	-809	195	257	-62	16	693	-677
33 Kota Probolinggo	230,464	9	257	-248	44	72	-28	0	195	-195
34 Kota Pasuruan	174,173	90	194	-104	271	55	216	0	147	-147
35 Kota Mojokerto	113,327	1	126	-125	156	35	121	0	96	-96
36 Kota Madiun	179,391	0	200	-200	16	56	-40	0	151	-151
37 Kota Surabaya	2,631,305	0	2,930	-2,930	160	824	-664	0	2,222	-2,222
38 Kota Batu	189,604	3,977	211	3,766	23	59	-36	0	160	-160
Total	37,286,266	67,164	41,519	25,645	17,065	11,674	5,391	12,297	31,483	-19,186
			1.11351963			0.313096088			0.844356310	

Kabupaten/ Kota	Population	Durian			Guava (Jambu Biji)			Sapodia (Sawo)		
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance
1 Pacitan	558,664	1,980	1,926	54	738	532	206	111	309	-198
2 Ponorogo	899,074	14,735	3,100	11,635	428	856	-428	284	497	-213
3 Trenggalek	675,765	1,549	2,330	-781	218	643	-425	958	373	585
4 Tulungagung	992,048	503	3,421	-2,918	298	944	-646	386	548	-162
5 Blitar	1,070,446	5,188	3,691	1,497	216	1,019	-803	239	592	-353
6 Kediri	1,451,861	3,214	5,006	-1,792	699	1,382	-683	968	802	166
7 Malang	2,425,311	40,933	8,363	32,570	2,125	2,308	-183	356	1,340	-984
8 Lumajang	1,028,103	5,378	3,545	1,833	78	978	-900	50	568	-518
9 Jember	2,327,957	9,909	8,027	1,882	2,000	2,216	-216	185	1,287	-1,102
10 Banyuwangi	1,535,701	4,702	5,295	-593	1,203	1,462	-259	576	849	-273
11 Bondowoso	708,905	9,106	2,444	6,662	1,137	675	462	101	392	-291
12 Situbondo	624,888	678	2,155	-1,477	293	595	-302	14	345	-331
13 Probolinggo	1,044,237	4,140	3,601	539	525	994	-469	576	577	-1
14 Pasuruan	1,452,629	53,620	5,009	48,611	2,200	1,382	818	295	803	-508
15 Sidoarjo	1,802,948	0	6,217	-6,217	854	1,716	-862	141	996	-855
16 Mojokerto	1,013,988	1,314	3,496	-2,182	310	965	-655	300	560	-260
17 Jombang	1,301,459	5,412	4,488	924	423	1,239	-816	387	719	-332
18 Nganjuk	1,002,530	2,151	3,457	-1,306	87	954	-867	429	554	-125
19 Madiun	642,638	3,295	2,216	1,079	583	612	-29	218	355	-137
20 Magetan	626,092	938	2,159	-1,221	258	596	-338	30	346	-316
21 Ngawi	836,767	1,016	2,885	-1,869	595	796	-201	131	462	-331
22 Bojonegoro	1,270,876	0	4,382	-4,382	235	1,209	-974	155	702	-547
23 Tuban	1,080,956	0	3,727	-3,727	624	1,029	-405	2,248	597	1,651
24 Lamongan	1,189,615	0	4,102	-4,102	1,381	1,132	249	539	657	-118
25 Gresik	1,215,603	26	4,191	-4,165	169	1,157	-988	99	672	-573
26 Bangkalan	973,681	1,400	3,357	-1,957	1,621	927	694	498	538	-40
27 Sampang	919,548	3	3,171	-3,168	5,371	875	4,496	81	508	-427
28 Pamekasan	851,690	2,651	2,937	-286	3,030	811	2,219	115	471	-356
29 Sumenep	1,017,147	72	3,507	-3,435	3,202	968	2,234	288	562	-274
30 Kota Kediri	272,610	2	940	-938	0	259	-259	10	151	-141
31 Kota Blitar	133,408	185	460	-275	2	127	-125	0	74	-74
32 Kota Malang	820,857	30	2,830	-2,800	199	781	-582	14	454	-440
33 Kota Probolinggo	230,464	0	795	-795	38	219	-181	34	127	-93
34 Kota Pasuruan	174,173	0	601	-601	191	166	25	92	96	-4
35 Kota Mojokerto	113,327	0	391	-391	34	108	-74	153	63	90
36 Kota Madiun	179,391	0	619	-619	9	171	-162	6	99	-93
37 Kota Surabaya	2,631,305	0	9,073	-9,073	119	2,504	-2,385	20	1,454	-1,434
38 Kota Batu	189,604	3	654	-651	40	180	-140	0	105	-105
Total	37,286,266	174,133	128,565	45,568	31,533	35,486	-3,953	11,087	20,607	-9,520
			3.448054786			0.951705269			0.552675557	

(unit: ton)

Production, Consumption and Balance of Each Fruit in East Java Province (2009) - 2/4										
Kabupaten/ Kota	Population	Orange (Jeruk reпок + Jeruk besar)			Salak			mango (Mango)		
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance
1 Pacitan	558,664	802	5,147	-4,345	136	2,002	-1,866	14,955	5,417	9,538
2 Ponorogo	899,074	22,062	8,284	13,778	31	3,221	-3,190	64,873	8,717	56,156
3 Trenggalek	675,765	87	6,226	-6,139	3,320	2,421	899	3,924	6,552	-2,628
4 Tulungagung	992,048	605	9,140	-8,535	197	3,554	-3,357	13,706	9,619	4,087
5 Blitar	1,070,446	2,359	9,862	-7,503	2,922	3,835	-913	4,615	10,379	-5,764
6 Kediri	1,451,861	3,044	13,377	-10,333	679	5,202	-4,523	56,088	14,077	42,011
7 Malang	2,425,311	27,226	22,345	4,881	36,984	8,690	28,294	7,899	23,516	-15,617
8 Lumajang	1,028,103	14,676	9,472	5,204	48,574	3,684	44,890	8,510	9,969	-1,459
9 Jember	2,327,957	252,715	21,448	231,267	1,703	8,341	-6,638	12,872	22,572	-9,700
10 Banyuwangi	1,535,701	176,525	14,149	162,376	3,465	5,502	-2,037	25,321	14,890	10,431
11 Bondowoso	708,905	14	6,531	-6,517	158	2,540	-2,382	59,773	6,874	52,899
12 Situbondo	624,888	98	5,757	-5,659	0	2,239	-2,239	14,683	6,059	8,624
13 Probolinggo	1,044,237	432	9,621	-9,189	187	3,741	-3,554	80,943	10,125	70,818
14 Pasuruan	1,452,629	12,019	13,384	-1,365	2,098	5,205	-3,107	78,614	14,085	64,529
15 Sidoarjo	1,802,948	179	16,611	-16,432	0	6,460	-6,460	2,723	17,482	-14,759
16 Mojokerto	1,013,988	80	9,342	-9,262	346	3,633	-3,287	23,648	9,832	13,816
17 Jombang	1,301,459	32	11,991	-11,959	2,337	4,663	-2,326	4,984	12,619	-6,635
18 Nganjuk	1,002,530	160	9,237	-9,077	152	3,592	-3,440	17,177	9,721	7,456
19 Madiun	642,638	860	5,921	-5,061	12	2,303	-2,291	77,031	6,231	70,800
20 Magetan	626,092	36,836	5,768	31,068	68	2,243	-2,175	22,686	6,071	16,615
21 Ngawi	836,767	634	7,709	-7,075	792	2,998	-2,206	11,884	8,113	3,771
22 Bojonegoro	1,270,876	94	11,709	-11,615	1,043	4,554	-3,511	24,032	12,323	11,709
23 Tuban	1,080,956	20	9,959	-9,939	36	3,873	-3,837	16,524	10,481	6,043
24 Lamongan	1,189,615	63	10,960	-10,897	12	4,262	-4,250	27,217	11,535	15,682
25 Gresik	1,215,603	286	11,200	-10,914	1	4,355	-4,354	13,536	11,787	1,749
26 Bangkalan	973,681	1,354	8,971	-7,617	602	3,489	-2,887	15,891	9,441	6,450
27 Sampang	919,548	0	8,472	-8,472	2	3,295	-3,293	2,953	8,916	-5,963
28 Pamekasan	851,690	51	7,847	-7,796	30	3,052	-3,022	38,305	8,258	30,047
29 Sumenep	1,017,147	1,112	9,371	-8,259	38	3,644	-3,606	92,229	9,862	82,367
30 Kota Kediri	272,610	1	2,512	-2,511	0	977	-977	575	2,643	-2,068
31 Kota Blitar	133,408	126	1,229	-1,103	1	478	-477	270	1,294	-1,024
32 Kota Malang	820,857	237	7,563	-7,326	662	2,941	-2,279	654	7,959	-7,305
33 Kota Probolinggo	230,464	0	2,123	-2,123	0	826	-826	2,903	2,235	668
34 Kota Pasuruan	174,173	107	1,605	-1,498	21	624	-603	459	1,689	-1,230
35 Kota Mojokerto	113,327	8	1,044	-1,036	0	406	-406	654	1,099	-445
36 Kota Madiun	179,391	60	1,653	-1,593	0	643	-643	584	1,739	-1,155
37 Kota Surabaya	2,631,305	32	24,243	-24,211	0	9,428	-9,428	2,210	25,513	-23,303
38 Kota Batu	189,604	3,606	1,747	1,859	0	679	-679	60	1,838	-1,778
Total	37,286,266	558,602	343,534	215,068	106,609	133,596	-26,987	846,965	361,530	485,435
			9.213426024			3.582969236			9.696068465	
Kabupaten/ Kota	Population	Mango Steen (Manggis)			Rambutan			Pineapple (Nenas)		
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance
1 Pacitan	558,664	48	255	-207	1,703	2,383	-680	29	3,762	-3,733
2 Ponorogo	899,074	509	410	99	1,734	3,835	-2,101	0	6,055	-6,055
3 Trenggalek	675,765	1,011	308	703	217	2,882	-2,665	0	4,551	-4,551
4 Tulungagung	992,048	13	453	-440	2,174	4,231	-2,057	1	6,681	-6,680
5 Blitar	1,070,446	3,332	488	2,844	32,154	4,566	27,588	9,541	7,209	2,332
6 Kediri	1,451,861	2	662	-660	9,294	6,192	3,102	27,286	9,778	17,508
7 Malang	2,425,311	1,534	1,106	428	6,923	10,344	-3,421	12	16,333	-16,321
8 Lumajang	1,028,103	1,090	469	621	8,347	4,385	3,962	30	6,924	-6,894
9 Jember	2,327,957	1,835	1,062	773	42,112	9,929	32,183	93	15,678	-15,585
10 Banyuwangi	1,535,701	6,050	701	5,349	35,195	6,550	28,645	42	10,342	-10,300
11 Bondowoso	708,905	78	323	-245	6,536	3,024	3,512	21	4,774	-4,753
12 Situbondo	624,888	0	285	-285	277	2,665	-2,388	0	4,208	-4,208
13 Probolinggo	1,044,237	48	476	-428	648	4,454	-3,806	1	7,032	-7,031
14 Pasuruan	1,452,629	160	663	-503	5,480	6,196	-716	2	9,783	-9,781
15 Sidoarjo	1,802,948	0	823	-823	126	7,690	-7,564	0	12,142	-12,142
16 Mojokerto	1,013,988	0	463	-463	2,453	4,325	-1,872	2	6,829	-6,827
17 Jombang	1,301,459	825	594	231	1,356	5,551	-4,195	0	8,765	-8,765
18 Nganjuk	1,002,530	0	457	-457	2,366	4,276	-1,910	0	6,752	-6,752
19 Madiun	642,638	89	293	-204	964	2,741	-1,777	1	4,328	-4,327
20 Magetan	626,092	19	286	-267	8,882	2,670	6,212	0	4,216	-4,216
21 Ngawi	836,767	64	382	-318	4,005	3,569	436	6	5,635	-5,629
22 Bojonegoro	1,270,876	0	580	-580	4	5,420	-5,416	0	8,559	-8,559
23 Tuban	1,080,956	0	493	-493	14	4,610	-4,596	1	7,280	-7,279
24 Lamongan	1,189,615	0	543	-543	30	5,074	-5,044	0	8,011	-8,011
25 Gresik	1,215,603	1	555	-554	62	5,185	-5,123	3	8,186	-8,183
26 Bangkalan	973,681	19	444	-425	6,788	4,153	2,635	81	6,557	-6,476
27 Sampang	919,548	0	420	-420	21	3,922	-3,901	6	6,193	-6,187
28 Pamekasan	851,690	0	389	-389	2,633	3,633	-1,000	0	5,736	-5,736
29 Sumenep	1,017,147	8	464	-456	1,068	4,338	-3,270	1	6,850	-6,849
30 Kota Kediri	272,610	0	124	-124	44	1,163	-1,119	0	1,836	-1,836
31 Kota Blitar	133,408	0	61	-61	140	569	-429	0	898	-898
32 Kota Malang	820,857	0	374	-374	304	3,501	-3,197	0	5,528	-5,528
33 Kota Probolinggo	230,464	0	105	-105	0	983	-983	0	1,552	-1,552
34 Kota Pasuruan	174,173	0	79	-79	1	743	-742	0	1,173	-1,173
35 Kota Mojokerto	113,327	0	52	-52	9	483	-474	0	763	-763
36 Kota Madiun	179,391	0	82	-82	0	765	-765	0	1,208	-1,208
37 Kota Surabaya	2,631,305	0	1,200	-1,200	0	11,223	-11,223	0	17,720	-17,720
38 Kota Batu	189,604	0	87	-87	6	809	-803	0	1,277	-1,277
Total	37,286,266	16,735	17,011	-276	184,070	159,029	25,041	37,159	251,103	-213,944
			0.456217949			4.265091957			6.734468093	

(unit: ton)

Production, Consumption and Balance of Each Fruit in East Java Province (2009) - 3/4

Kabupaten/ Kota	Population	Papaya (Pepaya)			Banana (Pisang)			Rose Apple (Jambu Air)		
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance
1 Pacitan	558,664	3,139	1,866	1,273	62,219	15,389	46,830	655	253	402
2 Ponorogo	899,074	9,570	3,003	6,567	30,715	24,766	5,949	90	408	-318
3 Trenggalek	675,765	981	2,257	-1,276	11,496	18,615	-7,119	153	306	-153
4 Tulungagung	992,048	6,572	3,314	3,258	14,968	27,327	-12,359	250	450	-200
5 Blitar	1,070,446	1,661	3,576	-1,915	9,474	29,487	-20,013	138	485	-347
6 Kediri	1,451,861	41,155	4,850	36,305	13,345	39,993	-26,648	819	658	161
7 Malang	2,425,311	143,647	8,101	135,546	518,509	66,808	451,701	355	1,099	-744
8 Lumajang	1,028,103	26,257	3,434	22,823	174,730	28,320	146,410	52	466	-414
9 Jember	2,327,957	10,755	7,776	2,979	190,373	64,126	126,247	692	1,055	-363
10 Banyuwangi	1,535,701	8,133	5,130	3,003	92,298	42,303	49,995	1,203	696	507
11 Bondowoso	708,905	1,110	2,368	-1,258	8,757	19,528	-10,771	66	321	-255
12 Situbondo	624,888	182	2,087	-1,905	3,226	17,213	-13,987	76	283	-207
13 Probolinggo	1,044,237	570	3,488	-2,918	11,166	28,765	-17,599	90	473	-383
14 Pasuruan	1,452,629	3,852	4,852	-1,000	73,454	40,014	33,440	686	658	28
15 Sidoarjo	1,802,948	1,296	6,022	-4,726	3,766	49,664	-45,898	481	817	-336
16 Mojokerto	1,013,988	362	3,387	-3,025	19,294	27,932	-8,638	99	460	-361
17 Jombang	1,301,459	1,789	4,347	-2,558	9,300	35,850	-26,550	131	590	-459
18 Nganjuk	1,002,530	553	3,349	-2,796	21,747	27,616	-5,869	145	454	-309
19 Madiun	642,638	11,798	2,147	9,651	56,652	17,702	38,950	210	291	-81
20 Magetan	626,092	3,115	2,091	1,024	19,321	17,246	2,075	91	284	-193
21 Ngawi	836,767	1,001	2,795	-1,794	11,129	23,050	-11,921	234	379	-145
22 Bojonegoro	1,270,876	841	4,245	-3,404	45,350	35,008	10,342	143	576	-433
23 Tuban	1,080,956	1,229	3,611	-2,382	23,707	29,776	-6,069	773	490	283
24 Lamongan	1,189,615	646	3,974	-3,328	9,539	32,769	-23,230	1,708	539	1,169
25 Gresik	1,215,603	366	4,060	-3,694	10,062	33,485	-23,423	264	551	-287
26 Bangkalan	973,681	1,193	3,252	-2,059	7,667	26,821	-19,154	131	441	-310
27 Sampang	919,548	786	3,071	-2,285	11,352	25,330	-13,978	2,054	417	1,637
28 Pamekasan	851,690	3,407	2,845	562	18,149	23,461	-5,312	1,297	386	911
29 Sumenep	1,017,147	1,787	3,397	-1,610	13,997	28,019	-14,022	2,200	461	1,739
30 Kota Kediri	272,610	13	911	-898	117	7,509	-7,392	17	124	-107
31 Kota Blitar	133,408	204	446	-242	19	3,675	-3,656	4	60	-56
32 Kota Malang	820,857	721	2,742	-2,021	734	22,611	-21,877	49	372	-323
33 Kota Probolinggo	230,464	88	770	-682	305	6,348	-6,043	2	104	-102
34 Kota Pasuruan	174,173	90	582	-492	450	4,798	-4,348	304	79	225
35 Kota Mojokerto	113,327	81	379	-298	104	3,122	-3,018	10	51	-41
36 Kota Madiun	179,391	10	599	-589	62	4,942	-4,880	0	81	-81
37 Kota Surabaya	2,631,305	63	8,789	-8,726	628	72,482	-71,854	459	1,193	-734
38 Kota Batu	189,604	84	633	-549	610	5,223	-4,613	8	86	-78
Total	37,286,266	289,107	124,544	164,563	1,498,791	1,027,094	471,697	16,139	16,902	-763
			3.340204479			27.54618458			0.453309	

Kabupaten/ Kota	Population	Jackfruit (Nangka)			Soursop (Sirsak)			Bradfruit (Sukun)		
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance
1 Pacitan	558,664	5,350	1,578	3,772	117	158	-41	258	268	-10
2 Ponorogo	899,074	3,005	2,539	466	81	254	-173	22	431	-409
3 Trenggalek	675,765	3,386	1,908	1,478	49	191	-142	65	324	-259
4 Tulungagung	992,048	2,437	2,802	-365	78	280	-202	388	476	-88
5 Blitar	1,070,446	2,184	3,023	-839	272	302	-30	175	513	-338
6 Kediri	1,451,861	2,933	4,100	-1,167	3,511	410	3,101	2,225	696	1,529
7 Malang	2,425,311	13,123	6,849	6,274	1,084	685	399	2,481	1,163	1,318
8 Lumajang	1,028,103	3,456	2,904	552	483	290	193	467	493	-26
9 Jember	2,327,957	2,298	6,575	-4,277	681	658	23	393	1,116	-723
10 Banyuwangi	1,535,701	8,703	4,337	4,366	689	434	255	914	736	178
11 Bondowoso	708,905	3,327	2,002	1,325	85	200	-115	424	340	84
12 Situbondo	624,888	199	1,765	-1,566	38	177	-139	18	300	-282
13 Probolinggo	1,044,237	897	2,949	-2,052	107	295	-188	82	501	-419
14 Pasuruan	1,452,629	9,695	4,102	5,593	1,489	410	1,079	251	696	-445
15 Sidoarjo	1,802,948	2,341	5,092	-2,751	38	509	-471	60	864	-804
16 Mojokerto	1,013,988	1,766	2,864	-1,098	250	286	-36	247	486	-239
17 Jombang	1,301,459	829	3,676	-2,847	79	368	-289	29	624	-595
18 Nganjuk	1,002,530	1,606	2,831	-1,225	30	283	-253	83	481	-398
19 Madiun	642,638	5,901	1,815	4,086	283	182	101	301	308	-7
20 Magetan	626,092	1,586	1,768	-182	94	177	-83	83	300	-217
21 Ngawi	836,767	788	2,363	-1,575	96	236	-140	86	401	-315
22 Bojonegoro	1,270,876	1,910	3,589	-1,679	41	359	-318	78	609	-531
23 Tuban	1,080,956	5,242	3,053	2,189	227	305	-78	452	518	-66
24 Lamongan	1,189,615	1,307	3,360	-2,053	115	336	-221	45	570	-525
25 Gresik	1,215,603	477	3,433	-2,956	30	343	-313	13	583	-570
26 Bangkalan	973,681	4,012	2,750	1,262	205	275	-70	248	467	-219
27 Sampang	919,548	1,127	2,597	-1,470	66	260	-194	128	441	-313
28 Pamekasan	851,690	12,900	2,405	10,495	97	241	-144	237	408	-171
29 Sumenep	1,017,147	22,814	2,873	19,941	144	287	-143	2,056	488	1,568
30 Kota Kediri	272,610	1	770	-769	0	77	-77	10	131	-121
31 Kota Blitar	133,408	12	377	-365	2	38	-36	0	64	-64
32 Kota Malang	820,857	335	2,318	-1,983	38	232	-194	76	394	-318
33 Kota Probolinggo	230,464	61	651	-590	94	65	29	0	110	-110
34 Kota Pasuruan	174,173	152	492	-340	56	49	7	2	84	-82
35 Kota Mojokerto	113,327	11	320	-309	1	32	-31	0	54	-54
36 Kota Madiun	179,391	24	507	-483	5	51	-46	3	86	-83
37 Kota Surabaya	2,631,305	25	7,431	-7,406	14	743	-729	0	1,262	-1,262
38 Kota Batu	189,604	1,683	535	1,148	0	54	-54	0	91	-91
Total	37,286,266	127,903	105,302	22,601	10,769	10,533	236	12,400	17,877	-5,477
			2.824162			0.282479			0.4794405	

(unit: ton)

Production, Consumption and Balance of Each Fruit in East Jawa Province (2009) - 4/4

Kabupaten/ Kota	Population	Buah (Melinjo)		
		Production ton	Consumption	Balance
1 Pacitan	558,664	4,197	534	3,663
2 Ponorogo	899,074	2,055	859	1,196
3 Trenggalek	675,765	1,202	646	556
4 Tulungagung	992,048	556	948	-392
5 Blitar	1,070,446	1,201	1,023	178
6 Kediri	1,451,861	6,973	1,387	5,586
7 Malang	2,425,311	1,830	2,318	-488
8 Lumajang	1,028,103	56	982	-926
9 Jember	2,327,957	115	2,225	-2,110
10 Banyuwangi	1,535,701	234	1,467	-1,233
11 Bondowoso	708,905	136	677	-541
12 Situbondo	624,888	527	597	-70
13 Probolinggo	1,044,237	70	998	-928
14 Pasuruan	1,452,629	336	1,388	-1,052
15 Sidoarjo	1,802,948	25	1,723	-1,698
16 Mojokerto	1,013,988	65	969	-904
17 Jombang	1,301,459	427	1,244	-817
18 Nganjuk	1,002,530	37	958	-921
19 Madiun	642,638	139	614	-475
20 Magetan	626,092	1,505	598	907
21 Ngawi	836,767	1,410	800	610
22 Bojonegoro	1,270,876	2	1,214	-1,212
23 Tuban	1,080,956	8	1,033	-1,025
24 Lamongan	1,189,615	120	1,137	-1,017
25 Gresik	1,215,603	0	1,162	-1,162
26 Bangkalan	973,681	618	930	-312
27 Sampang	919,548	0	879	-879
28 Pamekasan	851,690	8	814	-806
29 Sumenep	1,017,147	18	972	-954
30 Kota Kediri	272,610	18	260	-242
31 Kota Blitar	133,408	13	127	-114
32 Kota Malang	820,857	11	784	-773
33 Kota Probolinggo	230,464	0	220	-220
34 Kota Pasuruan	174,173	203	166	37
35 Kota Mojokerto	113,327	0	108	-108
36 Kota Madiun	179,391	6	171	-165
37 Kota Surabaya	2,631,305	5	2,514	-2,509
38 Kota Batu	189,604	0	181	-181
Total	37,286,266	24,126	35,630	-11,504
			0,955573	

4.9 Production, Consumption and Balance of Vegetables in East Jawa Province (2009)

(unit: ton)

Production, Consumption and Balance of Each Vegetable in East Jawa Province (2009) - 1/4										
Kabupaten/ Kota	Population	Shallot (Bawang Merah)			Garlic (Bawang Putih)			Spring Onion (Bawang daun)		
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance
1 Pacitan	558,664	85	2,330	-2,245	7	37	-30	0	1,326	-1,326
2 Ponorogo	899,074	2,148	3,750	-1,602	22	60	-38	3,655	2,135	1,520
3 Trenggalek	675,765	6	2,819	-2,813	0	45	-45	81	1,604	-1,523
4 Tulungagung	992,048	423	4,138	-3,715	0	66	-66	50	2,355	-2,305
5 Blitar	1,070,446	105	4,465	-4,360	0	71	-71	50	2,542	-2,492
6 Kediri	1,451,861	4,295	6,056	-1,761	0	97	-97	0	3,447	-3,447
7 Malang	2,425,311	6,647	10,117	-3,470	535	162	373	9,180	5,759	3,421
8 Lumajang	1,028,103	0	4,289	-4,289	0	69	-69	6,315	2,441	3,874
9 Jember	2,327,957	63	9,711	-9,648	0	155	-155	0	5,527	-5,527
10 Banyuwangi	1,535,701	806	6,406	-5,600	0	102	-102	320	3,646	-3,326
11 Bondowoso	708,905	1,617	2,957	-1,340	0	47	-47	0	1,683	-1,683
12 Situbondo	624,888	418	2,607	-2,189	0	42	-42	53	1,484	-1,431
13 Probolinggo	1,044,237	54,602	4,356	50,246	75	70	5	13,827	2,479	11,348
14 Pasuruan	1,452,629	297	6,060	-5,763	0	97	-97	28,131	3,449	24,682
15 Sidoarjo	1,802,948	3	7,521	-7,518	0	120	-120	0	4,281	-4,281
16 Mojokerto	1,013,988	14,559	4,230	10,329	134	68	66	12,923	2,408	10,515
17 Jombang	1,301,459	302	5,429	-5,127	0	87	-87	0	3,090	-3,090
18 Nganjuk	1,002,530	135,550	4,182	131,368	0	67	-67	192	2,380	-2,188
19 Madiun	642,638	22	2,681	-2,659	0	43	-43	0	1,526	-1,526
20 Magetan	626,092	5,389	2,612	2,777	37	42	-5	4,269	1,487	2,782
21 Ngawi	836,767	1,463	3,490	-2,027	0	56	-56	166	1,987	-1,821
22 Bojonegoro	1,270,876	7,390	5,301	2,089	0	85	-85	0	3,017	-3,017
23 Tuban	1,080,956	310	4,509	-4,199	0	72	-72	80	2,567	-2,487
24 Lamongan	1,189,615	399	4,962	-4,563	0	79	-79	43	2,825	-2,782
25 Gresik	1,215,603	468	5,071	-4,603	0	81	-81	0	2,886	-2,886
26 Bangkalan	973,681	30	4,062	-4,032	0	65	-65	0	2,312	-2,312
27 Sampang	919,548	16,815	3,836	12,979	0	61	-61	0	2,183	-2,183
28 Pamekasan	851,690	8,100	3,553	4,547	0	57	-57	295	2,022	-1,727
29 Sumenep	1,017,147	3,552	4,243	-691	0	68	-68	5	2,415	-2,410
30 Kota Kediri	272,610	9	1,137	-1,128	0	18	-18	0	647	-647
31 Kota Blitar	133,408	0	556	-556	0	9	-9	0	317	-317
32 Kota Malang	820,857	44	3,424	-3,380	0	55	-55	0	1,949	-1,949
33 Kota Probolinggo	230,464	5,094	961	4,133	0	15	-15	0	547	-547
34 Kota Pasuruan	174,173	18	727	-709	0	12	-12	0	414	-414
35 Kota Mojokerto	113,327	0	473	-473	0	8	-8	0	269	-269
36 Kota Madiun	179,391	0	748	-748	0	12	-12	0	426	-426
37 Kota Surabaya	2,631,305	0	10,976	-10,976	0	175	-175	0	6,248	-6,248
38 Kota Batu	189,604	4,994	791	4,203	218	13	205	3,299	450	2,849
Total	37,286,266	276,023	155,536	120,487	1,028	2,485	-1,457	82,934	88,530	-5,596
			4.17140473			0.06664037			2.374336132	
Kabupaten/ Kota	Population	Potato (Kantang)			Cauli Flower (Kabang Kol)			Cabbage (Kubis)		
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance
1 Pacitan	558,664	9	2,840	-2,831	0	232	-232	61	3,279	-3,218
2 Ponorogo	899,074	80	4,571	-4,491	0	373	-373	8,009	5,277	2,732
3 Trenggalek	675,765	49	3,436	-3,387	0	280	-280	55	3,967	-3,912
4 Tulungagung	992,048	269	5,044	-4,775	0	412	-412	2,586	5,823	-3,237
5 Blitar	1,070,446	439	5,442	-5,003	42	444	-402	3,270	6,283	-3,013
6 Kediri	1,451,861	0	7,381	-7,381	711	603	108	0	8,522	-8,522
7 Malang	2,425,311	11,415	12,330	-915	5,662	1,007	4,655	41,809	14,236	27,573
8 Lumajang	1,028,103	5,420	5,227	193	100	427	-327	8,764	6,035	2,729
9 Jember	2,327,957	0	11,835	-11,835	640	966	-326	8,764	13,664	-4,900
10 Banyuwangi	1,535,701	0	7,807	-7,807	546	637	-91	30	9,014	-8,984
11 Bondowoso	708,905	56	3,604	-3,548	0	294	-294	5,070	4,161	909
12 Situbondo	624,888	0	3,177	-3,177	0	259	-259	0	3,668	-3,668
13 Probolinggo	1,044,237	32,095	5,309	26,786	0	433	-433	32,971	6,129	26,842
14 Pasuruan	1,452,629	67,487	7,385	60,102	0	603	-603	57,649	8,527	49,122
15 Sidoarjo	1,802,948	0	9,166	-9,166	0	748	-748	0	10,583	-10,583
16 Mojokerto	1,013,988	475	5,155	-4,680	0	421	-421	870	5,952	-5,082
17 Jombang	1,301,459	0	6,617	-6,617	0	540	-540	0	7,639	-7,639
18 Nganjuk	1,002,530	0	5,097	-5,097	0	416	-416	0	5,885	-5,885
19 Madiun	642,638	0	3,267	-3,267	0	267	-267	0	3,772	-3,772
20 Magetan	626,092	4,025	3,183	842	778	260	518	13,444	3,675	9,769
21 Ngawi	836,767	60	4,254	-4,194	0	347	-347	208	4,912	-4,704
22 Bojonegoro	1,270,876	0	6,461	-6,461	0	528	-528	0	7,460	-7,460
23 Tuban	1,080,956	0	5,496	-5,496	5	449	-444	0	6,345	-6,345
24 Lamongan	1,189,615	0	6,048	-6,048	1,659	494	1,165	0	6,983	-6,983
25 Gresik	1,215,603	0	6,180	-6,180	0	505	-505	0	7,135	-7,135
26 Bangkalan	973,681	0	4,950	-4,950	0	404	-404	0	5,715	-5,715
27 Sampang	919,548	0	4,675	-4,675	0	382	-382	0	5,397	-5,397
28 Pamekasan	851,690	0	4,330	-4,330	0	354	-354	5	4,999	-4,994
29 Sumenep	1,017,147	0	5,171	-5,171	0	422	-422	206	5,970	-5,764
30 Kota Kediri	272,610	0	1,386	-1,386	0	113	-113	0	1,600	-1,600
31 Kota Blitar	133,408	0	678	-678	0	55	-55	0	783	-783
32 Kota Malang	820,857	0	4,173	-4,173	0	341	-341	0	4,818	-4,818
33 Kota Probolinggo	230,464	0	1,172	-1,172	0	96	-96	0	1,353	-1,353
34 Kota Pasuruan	174,173	0	885	-885	0	72	-72	0	1,022	-1,022
35 Kota Mojokerto	113,327	0	576	-576	0	47	-47	0	665	-665
36 Kota Madiun	179,391	0	912	-912	0	74	-74	0	1,053	-1,053
37 Kota Surabaya	2,631,305	0	13,377	-13,377	0	1,092	-1,092	0	15,445	-15,445
38 Kota Batu	189,604	5,380	964	4,416	4,162	79	4,083	9,958	1,113	8,845
Total	37,286,266	127,259	189,561	-62,302	14,305	15,477	-1,172	193,729	218,860	-25,131
			5.083944353			0.415072845			5.869716432	

(unit: ton)

Production, Consumption and Balance of Each Vegetable in East Java Province (2009) - 2/4

Kabupaten/ Kota	Population	Mastard Green (Chinese Cabbage)			Carrot (Wortel)			Spinach (Bayam)		
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance
1 Pacitan	558,664	329	1,359	-1,030	7	864	-857	73	420	-347
2 Ponorogo	899,074	1,436	2,187	-751	4,713	1,391	3,322	46	675	-629
3 Trenggalek	675,765	122	1,644	-1,522	24	1,046	-1,022	68	507	-439
4 Tulungagung	992,048	447	2,413	-1,966	0	1,535	-1,535	494	745	-251
5 Blitar	1,070,446	395	2,604	-2,209	164	1,656	-1,492	52	804	-752
6 Kediri	1,451,861	1,744	3,532	-1,788	0	2,246	-2,246	74	1,090	-1,016
7 Malang	2,425,311	15,920	5,900	10,020	10,743	3,753	6,990	2,939	1,821	1,118
8 Lumajang	1,028,103	2,765	2,501	264	952	1,591	-639	139	772	-633
9 Jember	2,327,957	1,171	5,663	-4,492	0	3,602	-3,602	221	1,748	-1,527
10 Banyuwangi	1,535,701	1,264	3,736	-2,472	0	2,376	-2,376	49	1,153	-1,104
11 Bondowoso	708,905	269	1,724	-1,455	0	1,097	-1,097	0	532	-532
12 Situbondo	624,888	308	1,520	-1,212	0	967	-967	0	469	-469
13 Probolinggo	1,044,237	308	2,540	-2,232	2,390	1,616	774	14	784	-770
14 Pasuruan	1,452,629	365	3,534	-3,169	13,672	2,248	11,424	26	1,091	-1,065
15 Sidoarjo	1,802,948	5,939	4,386	1,553	0	2,790	-2,790	3,273	1,354	1,919
16 Mojokerto	1,013,988	197	2,467	-2,270	621	1,569	-948	0	761	-761
17 Jombang	1,301,459	90	3,166	-3,076	0	2,014	-2,014	325	977	-652
18 Nganjuk	1,002,530	811	2,439	-1,628	0	1,551	-1,551	11	753	-742
19 Madiun	642,638	0	1,563	-1,563	0	994	-994	87	483	-396
20 Magetan	626,092	4,011	1,523	2,488	5,267	969	4,298	115	470	-355
21 Ngawi	836,767	904	2,035	-1,131	80	1,295	-1,215	469	628	-159
22 Bojonegoro	1,270,876	222	3,091	-2,869	0	1,966	-1,966	86	954	-868
23 Tuban	1,080,956	41	2,629	-2,588	0	1,673	-1,673	336	812	-476
24 Lamongan	1,189,615	9	2,894	-2,885	0	1,841	-1,841	0	893	-893
25 Gresik	1,215,603	317	2,957	-2,640	0	1,881	-1,881	1,023	913	110
26 Bangkalan	973,681	1	2,369	-2,368	0	1,507	-1,507	1	731	-730
27 Sampang	919,548	0	2,237	-2,237	0	1,423	-1,423	111	691	-580
28 Pamekasan	851,690	317	2,072	-1,755	0	1,318	-1,318	287	640	-353
29 Sumenep	1,017,147	214	2,474	-2,260	0	1,574	-1,574	175	764	-589
30 Kota Kediri	272,610	0	663	-663	0	422	-422	0	205	-205
31 Kota Blitar	133,408	7	325	-318	0	206	-206	15	100	-85
32 Kota Malang	820,857	59	1,997	-1,938	0	1,270	-1,270	5	616	-611
33 Kota Probolinggo	230,464	360	561	-201	0	357	-357	33	173	-140
34 Kota Pasuruan	174,173	0	424	-424	0	270	-270	0	131	-131
35 Kota Mojokerto	113,327	0	276	-276	0	175	-175	0	85	-85
36 Kota Madiun	179,391	0	436	-436	0	278	-278	6	135	-129
37 Kota Surabaya	2,631,305	285	6,401	-6,116	0	4,071	-4,071	224	1,976	-1,752
38 Kota Batu	189,604	14,092	461	13,631	9,132	293	8,839	183	142	41
Total	37,286,266	54,719	90,701	-35,982	47,765	57,694	-9,929	10,960	28,000	-17,040
			2.432565962			1.547323867			0.750941365	

Kabupaten/ Kota	Population	Kidney Bean (Kacang Merah)			Long Bean (Kacang Panjang)			Big + Small Chili (Cabe Besar)		
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance
1 Pacitan	558,664	0	266	-266	632	1,168	-536	1,082	3,329	-2,247
2 Ponorogo	899,074	0	428	-428	273	1,880	-1,607	2,445	5,357	-2,912
3 Trenggalek	675,765	0	321	-321	325	1,413	-1,088	608	4,027	-3,419
4 Tulungagung	992,048	0	472	-472	777	2,074	-1,297	1,107	5,911	-4,804
5 Blitar	1,070,446	0	509	-509	9,245	2,238	7,007	32,575	6,379	26,196
6 Kediri	1,451,861	0	691	-691	4,474	3,036	1,438	28,409	8,651	19,758
7 Malang	2,425,311	4	1,154	-1,150	6,906	5,071	1,835	29,845	14,452	15,393
8 Lumajang	1,028,103	0	489	-489	4,505	2,150	2,355	19,301	6,126	13,175
9 Jember	2,327,957	0	1,107	-1,107	4,912	4,868	44	13,573	13,872	-299
10 Banyuwangi	1,535,701	0	730	-730	2,336	3,211	-875	17,439	9,151	8,288
11 Bondowoso	708,905	222	337	-115	276	1,482	-1,206	4,286	4,224	62
12 Situbondo	624,888	105	297	-192	60	1,307	-1,247	1,946	3,724	-1,778
13 Probolinggo	1,044,237	28	497	-469	156	2,183	-2,027	6,908	6,222	686
14 Pasuruan	1,452,629	0	691	-691	210	3,037	-2,827	1,106	8,656	-7,550
15 Sidoarjo	1,802,948	0	858	-858	27	3,770	-3,743	36	10,743	-10,707
16 Mojokerto	1,013,988	0	482	-482	13	2,120	-2,107	9,053	6,042	3,011
17 Jombang	1,301,459	0	619	-619	392	2,721	-2,329	2,431	7,755	-5,324
18 Nganjuk	1,002,530	0	477	-477	1,180	2,096	-916	6,081	5,974	107
19 Madiun	642,638	0	306	-306	433	1,344	-911	810	3,829	-3,019
20 Magetan	626,092	0	298	-298	680	1,309	-629	908	3,731	-2,823
21 Ngawi	836,767	0	398	-398	680	1,750	-1,070	1,420	4,986	-3,566
22 Bojonegoro	1,270,876	0	604	-604	169	2,657	-2,488	635	7,573	-6,938
23 Tuban	1,080,956	270	514	-244	557	2,260	-1,703	14,234	6,441	7,793
24 Lamongan	1,189,615	98	566	-468	153	2,487	-2,334	8,460	7,089	1,371
25 Gresik	1,215,603	0	578	-578	510	2,542	-2,032	10,363	7,244	3,119
26 Bangkalan	973,681	49	463	-414	173	2,036	-1,863	2,169	5,802	-3,633
27 Sampang	919,548	0	437	-437	297	1,923	-1,626	6,488	5,479	1,009
28 Pamekasan	851,690	0	405	-405	432	1,781	-1,349	19,523	5,075	14,448
29 Sumenep	1,017,147	0	484	-484	554	2,127	-1,573	4,158	6,061	-1,903
30 Kota Kediri	272,610	0	130	-130	18	570	-552	140	1,624	-1,484
31 Kota Blitar	133,408	0	63	-63	10	279	-269	100	795	-695
32 Kota Malang	820,857	0	390	-390	22	1,716	-1,694	272	4,891	-4,619
33 Kota Probolinggo	230,464	0	110	-110	0	482	-482	42	1,373	-1,331
34 Kota Pasuruan	174,173	0	83	-83	0	364	-364	0	1,038	-1,038
35 Kota Mojokerto	113,327	0	54	-54	0	237	-237	0	675	-675
36 Kota Madiun	179,391	0	85	-85	0	375	-375	4	1,069	-1,065
37 Kota Surabaya	2,631,305	0	1,252	-1,252	19	5,502	-5,483	870	15,679	-14,809
38 Kota Batu	189,604	0	90	-90	0	396	-396	1,634	1,130	504
Total	37,286,266	776	17,735	-16,959	41,406	77,963	-36,557	250,461	222,182	28,279
			0.475636536			2.090936263			5.958809412	

(unit: ton)

Production, Consumption and Balance of Each Vegetable in East Java Province (2009) - 3/4

Kabupaten/ Kota	Population	Kangkung (Kangkung)			Tomato (Tomat)			Eggplant (Terong)		
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance
1 Pacitan	558,664	233	872	-639	80	2,060	-1,980	273	1,090	-817
2 Ponorogo	899,074	75	1,403	-1,328	155	3,315	-3,160	115	1,755	-1,640
3 Trenggalek	675,765	249	1,054	-805	51	2,491	-2,440	433	1,319	-886
4 Tulungagung	992,048	808	1,548	-740	501	3,658	-3,157	1,023	1,936	-913
5 Blitar	1,070,446	56	1,670	-1,614	2,655	3,947	-1,292	2,351	2,089	262
6 Kediri	1,451,861	711	2,265	-1,554	8,941	5,353	3,588	9,064	2,834	6,230
7 Malang	2,425,311	4,351	3,784	567	20,151	8,942	11,209	4,147	4,733	-586
8 Lumajang	1,028,103	24	1,604	-1,580	3,554	3,791	-237	2,223	2,006	217
9 Jember	2,327,957	433	3,632	-3,199	1,788	8,583	-6,795	3,482	4,543	-1,061
10 Banyuwangi	1,535,701	506	2,396	-1,890	5,157	5,662	-505	1,925	2,997	-1,072
11 Bondowoso	708,905	50	1,106	-1,056	528	2,614	-2,086	1,208	1,384	-176
12 Situbondo	624,888	0	975	-975	179	2,304	-2,125	68	1,220	-1,152
13 Probolinggo	1,044,237	16	1,629	-1,613	593	3,850	-3,257	207	2,038	-1,831
14 Pasuruan	1,452,629	14	2,266	-2,252	549	5,356	-4,807	338	2,835	-2,497
15 Sidoarjo	1,802,948	2,722	2,813	-91	3	6,647	-6,644	52	3,519	-3,467
16 Mojokerto	1,013,988	1,152	1,582	-430	69	3,738	-3,669	232	1,979	-1,747
17 Jombang	1,301,459	764	2,031	-1,267	690	4,798	-4,108	514	2,540	-2,026
18 Nganjuk	1,002,530	8	1,564	-1,556	120	3,696	-3,576	57	1,957	-1,900
19 Madiun	642,638	563	1,003	-440	516	2,369	-1,853	640	1,254	-614
20 Magetan	626,092	265	977	-712	1,171	2,308	-1,137	459	1,222	-763
21 Ngawi	836,767	510	1,306	-796	722	3,085	-2,363	736	1,633	-897
22 Bojonegoro	1,270,876	597	1,983	-1,386	126	4,686	-4,560	1,717	2,480	-763
23 Tuban	1,080,956	750	1,687	-937	195	3,985	-3,790	1,476	2,110	-634
24 Lamongan	1,189,615	624	1,856	-1,232	66	4,386	-4,320	93	2,322	-2,229
25 Gresik	1,215,603	1,735	1,897	-162	2,009	4,482	-2,473	3,364	2,372	992
26 Bangkalan	973,681	9	1,519	-1,510	18	3,590	-3,572	211	1,900	-1,689
27 Sampang	919,548	131	1,435	-1,304	168	3,390	-3,222	37	1,795	-1,758
28 Pamekasan	851,690	283	1,329	-1,046	662	3,140	-2,478	411	1,662	-1,251
29 Sumenep	1,017,147	303	1,587	-1,284	662	3,750	-3,088	789	1,985	-1,196
30 Kota Kediri	272,610	21	425	-404	2	1,005	-1,003	3	532	-529
31 Kota Blitar	133,408	27	208	-181	23	492	-469	37	260	-223
32 Kota Malang	820,857	81	1,281	-1,200	95	3,026	-2,931	10	1,602	-1,592
33 Kota Probolinggo	230,464	111	360	-249	325	850	-525	65	450	-385
34 Kota Pasuruan	174,173	0	272	-272	0	642	-642	0	340	-340
35 Kota Mojokerto	113,327	48	177	-129	0	418	-418	0	221	-221
36 Kota Madiun	179,391	53	280	-227	0	661	-661	0	350	-350
37 Kota Surabaya	2,631,305	307	4,105	-3,798	71	9,701	-9,630	9	5,135	-5,126
38 Kota Batu	189,604	0	296	-296	1,687	699	988	0	370	-370
Total	37,286,266	18,590	58,174	-39,584	54,282	137,471	-83,189	37,769	72,770	-35,001
			1.560194678			3.686899521			1.951643663	

Kabupaten/ Kota	Population	String Bean (Buncis)			Cucumber (Ketimun)			Pumpkin (Labu Siam)		
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance
1 Pacitan	558,664	290	703	-413	842	1,408	-566	126	775	-649
2 Ponorogo	899,074	3,216	1,131	2,085	87	2,266	-2,179	131	1,247	-1,116
3 Trenggalek	675,765	144	850	-706	17	1,703	-1,686	483	938	-455
4 Tulungagung	992,048	66	1,248	-1,182	707	2,500	-1,793	7	1,376	-1,369
5 Blitar	1,070,446	806	1,346	-540	1,976	2,698	-722	22	1,485	-1,463
6 Kediri	1,451,861	1,185	1,826	-641	8,099	3,659	4,440	0	2,014	-2,014
7 Malang	2,425,311	6,513	3,050	3,463	6,713	6,113	600	4,521	3,365	1,156
8 Lumajang	1,028,103	436	1,293	-857	6,187	2,591	3,596	25	1,426	-1,401
9 Jember	2,327,957	92	2,928	-2,836	3,213	5,867	-2,654	23	3,230	-3,207
10 Banyuwangi	1,535,701	1,391	1,931	-540	1,335	3,870	-2,535	117	2,131	-2,014
11 Bondowoso	708,905	0	892	-892	152	1,787	-1,635	232	984	-752
12 Situbondo	624,888	0	786	-786	41	1,575	-1,534	0	867	-867
13 Probolinggo	1,044,237	155	1,313	-1,158	97	2,632	-2,535	1,037	1,449	-412
14 Pasuruan	1,452,629	122	1,827	-1,705	1,167	3,661	-2,494	2,748	2,015	733
15 Sidoarjo	1,802,948	0	2,267	-2,267	409	4,544	-4,135	0	2,502	-2,502
16 Mojokerto	1,013,988	7	1,275	-1,268	20	2,556	-2,536	0	1,407	-1,407
17 Jombang	1,301,459	0	1,637	-1,637	295	3,280	-2,985	825	1,806	-981
18 Nganjuk	1,002,530	14	1,261	-1,247	16	2,527	-2,511	0	1,391	-1,391
19 Madiun	642,638	189	808	-619	229	1,620	-1,391	42	892	-850
20 Magetan	626,092	1,165	787	378	353	1,578	-1,225	264	869	-605
21 Ngawi	836,767	584	1,052	-468	561	2,109	-1,548	17	1,161	-1,144
22 Bojonegoro	1,270,876	0	1,598	-1,598	861	3,203	-2,342	0	1,763	-1,763
23 Tuban	1,080,956	0	1,359	-1,359	126	2,724	-2,598	358	1,500	-1,142
24 Lamongan	1,189,615	0	1,496	-1,496	65	2,998	-2,933	65	1,651	-1,586
25 Gresik	1,215,603	0	1,529	-1,529	1,747	3,064	-1,317	200	1,687	-1,487
26 Bangkalan	973,681	0	1,225	-1,225	169	2,454	-2,285	6	1,351	-1,345
27 Sampang	919,548	0	1,156	-1,156	137	2,318	-2,181	0	1,276	-1,276
28 Pamekasan	851,690	720	1,071	-351	415	2,147	-1,732	15	1,182	-1,167
29 Sumenep	1,017,147	159	1,279	-1,120	1,329	2,564	-1,235	35	1,411	-1,376
30 Kota Kediri	272,610	0	343	-343	0	687	-687	0	378	-378
31 Kota Blitar	133,408	0	168	-168	45	336	-291	0	185	-185
32 Kota Malang	820,857	0	1,032	-1,032	23	2,069	-2,046	34	1,139	-1,105
33 Kota Probolinggo	230,464	0	290	-290	0	581	-581	0	320	-320
34 Kota Pasuruan	174,173	0	219	-219	0	439	-439	0	242	-242
35 Kota Mojokerto	113,327	0	143	-143	0	286	-286	0	157	-157
36 Kota Madiun	179,391	0	226	-226	0	452	-452	1	249	-248
37 Kota Surabaya	2,631,305	0	3,309	-3,309	0	6,632	-6,632	1	3,651	-3,650
38 Kota Batu	189,604	3,207	238	2,969	0	478	-478	407	263	144
Total	37,286,266	20,461	46,894	-26,433	37,433	93,973	-56,540	11,742	51,733	-39,991
			1.257661471			2.520306168			1.38745	

(unit: ton)

Production, Consumption and Balance of Each Vegetable in East Jawa Province (2009) - 4/4

Kabupaten/ Kota	Population	Radish (Lobak)		
		Production ton	Consumption	Balance
1 Pacitan	558,664	0	72	-72
2 Ponorogo	899,074	0	116	-116
3 Trenggalek	675,765	0	87	-87
4 Tulungagung	992,048	0	128	-128
5 Blitar	1,070,446	0	138	-138
6 Kediri	1,451,861	0	187	-187
7 Malang	2,425,311	775	312	463
8 Lumajang	1,028,103	0	132	-132
9 Jember	2,327,957	0	299	-299
10 Banyuwangi	1,535,701	0	198	-198
11 Bondowoso	708,905	0	91	-91
12 Situbondo	624,888	0	80	-80
13 Probolinggo	1,044,237	0	134	-134
14 Pasuruan	1,452,629	0	187	-187
15 Sidoarjo	1,802,948	0	232	-232
16 Mojokerto	1,013,988	0	130	-130
17 Jombang	1,301,459	0	167	-167
18 Nganjuk	1,002,530	0	129	-129
19 Madiun	642,638	0	83	-83
20 Magetan	626,092	0	81	-81
21 Ngawi	836,767	0	108	-108
22 Bojonegoro	1,270,876	0	163	-163
23 Tuban	1,080,956	0	139	-139
24 Lamongan	1,189,615	0	153	-153
25 Gresik	1,215,603	0	156	-156
26 Bangkalan	973,681	0	125	-125
27 Sampang	919,548	0	118	-118
28 Pamekasan	851,690	0	110	-110
29 Sumenep	1,017,147	0	131	-131
30 Kota Kediri	272,610	0	35	-35
31 Kota Blitar	133,408	0	17	-17
32 Kota Malang	820,857	0	106	-106
33 Kota Probolinggo	230,464	0	30	-30
34 Kota Pasuruan	174,173	0	22	-22
35 Kota Mojokerto	113,327	0	15	-15
36 Kota Madiun	179,391	0	23	-23
37 Kota Surabaya	2,631,305	0	338	-338
38 Kota Batu	189,604	0	24	-24
Total	37,286,266	775	4,796	-4,021
			0.128617	

4.10 Production, Consumption and Balance of Fruits in North Sumatra Province (2009)

(unit: ton)

Production, Consumption and Balance of Each Fruit in North Sumatra Province (2009) - 1/2										
Kabupaten/ Kota	Population	Avocado (Alpukat)			Star Fruit (Belimbing)			Duku / Langsat		
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance
1 Medan	2,121,053	65.03	2,362	-2,297	37.11	664	-627	726.10	1,791	-1,065
2 Langkat	1,057,768	189.63	1,178	-988	137.39	331	-194	376.46	893	-517
3 Deli Serdang	1,788,351	346.54	1,991	-1,645	28.36	560	-532	3,358.37	1,510	1,848
4 Simalungun	859,879	101.73	957	-856	32.47	269	-237	1,438.68	726	713
5 Tanah Karo	370,619	405.16	413	-8	129.83	116	14	1,176.77	313	864
6 Asahan	700,606	96.84	780	-683		219	-219	92.00	592	-500
7 Lab. Batu	1,049,766	32.41	1,169	-1,137	96.41	329	-232	600.00	886	-286
8 Tap. Utara	271,474	20.57	302	-282	16.19	85	-69	24.59	229	-205
9 Tap Tengah	323,563	401.00	360	41	21.70	101	-80	401.43	273	128
10 Tap Selatan	265,855	1,692.48	296	1,396		83	-83	201.26	224	-23
11 Nias	444,502	1,609.15	495	1,114	3.84	139	-135	157.78	375	-218
12 Dairi	273,851	274.76	305	-30	3,946.22	86	3,860	3,211.39	231	2,980
13 Teb. Tinggi	142,717	77.30	159	-82	140.17	45	95	281.44	121	161
14 Tanj. Balai	167,500		187	-187		52	-52		141	-141
15 Binjai	257,105	134.68	286	-152		80	-80	371.20	217	154
16 P. Siantar	240,939		268	-268		75	-75		203	-203
17 Toba Samosir	174,453	1,553.66	194	1,359		55	-55		147	-147
18 Madina	429,889	78.24	479	-400	128.83	135	-6	1,544.79	363	1,182
19 P. Sidempuan	191,912		214	-214		60	-60		162	-162
20 Serdang Bedagai	739,017	0.45	823	-822	0.58	231	-231	2.78	624	-621
21 Batu Bara	389,510	0.33	434	-433	129.23	122	7	982.46	329	654
22 P. Lawas Utara	194,774	0.73	217	-216	7.81	61	-53		164	-164
23 P. Lawas	186,643	46.41	208	-161	20.28	58	-38	9.96	158	-148
24 Samosir	132,023	1.59	147	-145		41	-41		111	-111
25 Humb. Hasundut	158,070	177.53	176	2	170.38	49	121	73.49	133	-60
26 Pakpak Bharat	42,814	40.23	48	-7	51.84	13	38	187.98	36	152
27 Nias Selatan	273,733	134.23	305	-171	29.25	86	-56	306.95	231	76
Total	13,248,386	7,480.68	14,752	-7,272	5,127.89	4,148	980	15,525.88	11,186	4,340
			1.11351963			0.313096088			0.844356310	
Kabupaten/ Kota	Population	Durian			Guava (Jambu Biji)			Sapodia (Sawo)		
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance
1 Medan	2,121,053	785.28	7,314	-6,528	64.29	2,019	-1,954	2.94	1,172	-1,169
2 Langkat	1,057,768	1,900.92	3,647	-1,746	325.13	1,007	-682	10.31	585	-574
3 Deli Serdang	1,788,351	7,149.79	6,166	983	43.76	1,702	-1,658	461.95	988	-526
4 Simalungun	859,879	30,418.94	2,965	27,454	604.13	818	-214	256.11	475	-219
5 Tanah Karo	370,619	8,614.29	1,278	7,336	617.61	353	265	7,800.51	205	7,596
6 Asahan	700,606	2,601.71	2,416	186	93.63	667	-573	1.82	387	-385
7 Lab. Batu	1,049,766	3,047.22	3,620	-572	210.26	999	-789	605.10	580	25
8 Tap. Utara	271,474	339.95	936	-596	22.66	258	-236	87.34	150	-63
9 Tap Tengah	323,563	5,757.07	1,116	4,641	334.41	308	26	688.96	179	510
10 Tap Selatan	265,855	4,747.77	917	3,831	119.39	253	-134	29.84	147	-117
11 Nias	444,502	1,417.18	1,533	-115	25.01	423	-398	554.49	246	309
12 Dairi	273,851	9,199.31	944	8,255	17,651.58	261	17,391	636.44	151	485
13 Teb. Tinggi	142,717	9,528.42	492	9,036	1,553.47	136	1,418	603.70	79	525
14 Tanj. Balai	167,500	4,736.37	578	4,159		159	-159		93	-93
15 Binjai	257,105	1,285.13	887	399	126.90	245	-118	3.74	142	-138
16 P. Siantar	240,939		831	-831		229	-229		133	-133
17 Toba Samosir	174,453	1,444.50	602	843	38.32	166	-128		96	-96
18 Madina	429,889	6,608.09	1,482	5,126	452.75	409	44	258.10	238	21
19 P. Sidempuan	191,912		662	-662		183	-183		106	-106
20 Serdang Bedagai	739,017		2,548	-2,548		703	-703	1.22	408	-407
21 Batu Bara	389,510	1,541.43	1,343	198	80.53	371	-290	114.33	215	-101
22 P. Lawas Utara	194,774		672	-672	24.68	185	-161	42.74	108	-65
23 P. Lawas	186,643	51.77	644	-592	59.46	178	-118	10.90	103	-92
24 Samosir	132,023		455	-455	15.26	126	-110	492.93	73	420
25 Humb. Hasundut	158,070	56.68	545	-488	1,748.13	150	1,598	829.30	87	742
26 Pakpak Bharat	42,814	54.77	148	-93	301.41	41	261	186.07	24	162
27 Nias Selatan	273,733	1,294.37	944	351	168.92	261	-92	154.16	151	3
Total	13,248,386	102,580.96	45,681	56,900	24,681.69	12,609	12,073	13,833.00	7,322	6,511
			3.448054786			0.951705269			0.552675557	
Kabupaten/ Kota	Population	Orange + Big Orange (Jenuk Siam / Keprok)			Salak			Mango (Mangga)		
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance
1 Medan	2,121,053	773.13	19,542	-18,769	9.56	7,600	-7,590		20,566	-20,566
2 Langkat	1,057,768	4,387.23	9,746	-5,358	82.87	3,790	-3,707		10,256	-10,256
3 Deli Serdang	1,788,351	987.98	16,477	-15,489	219,088.24	6,408	212,681		17,340	-17,340
4 Simalungun	859,879	5,385.77	7,922	-2,537	108.25	3,081	-2,973		8,337	-8,337
5 Tanah Karo	370,619	12,263.58	3,415	8,849	483.40	1,328	-845		3,594	-3,594
6 Asahan	700,606	291.29	6,455	-6,164	1.30	2,510	-2,509		6,793	-6,793
7 Lab. Batu	1,049,766	1,277.33	9,672	-8,395		3,761	-3,761		10,179	-10,179
8 Tap. Utara	271,474	65.88	2,501	-2,435	0.38	973	-972		2,632	-2,632
9 Tap Tengah	323,563	16,102.14	2,981	13,121	151.77	1,159	-1,008		3,137	-3,137
10 Tap Selatan	265,855	12,130.13	2,449	9,681	19.52	953	-933		2,578	-2,578
11 Nias	444,502	671,100.04	4,095	667,005	77.17	1,593	-1,515		4,310	-4,310
12 Dairi	273,851	1,554.02	2,523	-969	1,891.10	981	910		2,655	-2,655
13 Teb. Tinggi	142,717	35.72	1,315	-1,279	64.98	511	-446		1,384	-1,384
14 Tanj. Balai	167,500	0.00	1,543	-1,543		600	-600		1,624	-1,624
15 Binjai	257,105	1,321.50	2,369	-1,047	9,654.76	921	8,734		2,493	-2,493
16 P. Siantar	240,939	0.00	2,220	-2,220		863	-863		2,336	-2,336
17 Toba Samosir	174,453	59.46	1,607	-1,548		625	-625		1,692	-1,692
18 Madina	429,889	358.96	3,961	-3,602	25.26	1,540	-1,515		4,168	-4,168
19 P. Sidempuan	191,912	0.00	1,768	-1,768		688	-688		1,861	-1,861
20 Serdang Bedagai	739,017	3.57	6,809	-6,805		2,648	-2,648		7,166	-7,166
21 Batu Bara	389,510	320.18	3,589	-3,269	152.36	1,396	-1,243		3,777	-3,777
22 P. Lawas Utara	194,774	0.42	1,795	-1,794		698	-698		1,889	-1,889
23 P. Lawas	186,643	21.93	1,720	-1,698	3.75	669	-665		1,810	-1,810
24 Samosir	132,023	0.00	1,216	-1,216		473	-473		1,280	-1,280
25 Humb. Hasundut	158,070	41.76	1,456	-1,415	12.81	566	-554		1,533	-1,533
26 Pakpak Bharat	42,814	76.18	394	-318	2.93	153	-150		415	-415
27 Nias Selatan	273,733	238.30	2,522	-2,284	27,272.58	981	26,292		2,654	-2,654
Total	13,248,386	728,796.50	122,063	606,733	259,102.99	47,469	211,634	21,971.00	128,457	-128,457
			9.213426024			3.582969236			9.696068465	

(unit: ton)

Production, Consumption and Balance of Each Fruit in North Sumatra Province (2009) - 2/2											
Kabupaten/ Kota	Population	Mango Steen (Manggis)			Rambutan			Pineapple (Nenas)			
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance	
1	Medan	2,121,053	312.36	968	-655	184.87	9,046	-8,862	27.09	14,284	-14,257
2	Langkat	1,057,768	549.53	483	67	539.18	4,511	-3,972	10.06	7,124	-7,113
3	Deli Serdang	1,788,351	3,604.82	816	2,789	21,123.76	7,627	13,496	381.58	12,044	-11,662
4	Simalungun	859,879	1,173.03	392	781	2,808.11	3,667	-859	32.71	5,791	-5,758
5	Tanah Karo	370,619	119.89	169	-49	1,896.38	1,581	316	96,684.23	2,496	94,188
6	Asahan	700,606	8.33	320	-311	21.71	2,988	-2,966	272.01	4,718	-4,446
7	Lab. Batu	1,049,766	338.03	479	-141	1,386.70	4,477	-3,091	5.70	7,070	-7,064
8	Tap. Utara	271,474	19.78	124	-104	2,273.04	1,158	1,115	1.46	1,828	-1,827
9	Tap Tengah	323,563	270.14	148	123	801.28	1,380	-579	34,125.85	2,179	31,947
10	Tap Selatan	265,855	519.34	121	398	225.58	1,134	-908	117.37	1,790	-1,673
11	Nias	444,502	9.83	203	-193	462.47	1,896	-1,433	30.47	2,993	-2,963
12	Dairi	273,851	1,652.86	125	1,528	7,379.39	1,168	6,211	476.05	1,844	-1,368
13	Teb. Tinggi	142,717	140.48	65	75	3,416.57	609	2,808	134.02	961	-827
14	Tanj. Balai	167,500		76	-76		714	-714	1,602.23	1,128	474
15	Binjai	257,105	19.96	117	-97	43.57	1,097	-1,053	89.58	1,731	-1,642
16	P. Siantar	240,939		110	-110		1,028	-1,028		1,623	-1,623
17	Toba Samosir	174,453		80	-80	7.09	744	-737	0.34	1,175	-1,175
18	Madina	429,889	555.71	196	360	6,219.57	1,834	4,386	14.60	2,895	-2,880
19	P. Sidempuan	191,912		88	-88		819	-819		1,292	-1,292
20	Serdang Bedagai	739,017	1.05	337	-336	69.90	3,152	-3,082	0.69	4,977	-4,976
21	Batu Bara	389,510	278.80	178	101	973.88	1,661	-687	7.05	2,623	-2,616
22	P. Lawas Utara	194,774	2.23	89	-87	3.49	831	-827	0.26	1,312	-1,311
23	P. Lawas	186,643	2.30	85	-83	73.39	796	-723	1.96	1,257	-1,255
24	Samosir	132,023		60	-60	242.50	563	-321	5.27	889	-884
25	Humb. Hasundut	158,070	19.22	72	-53	793.96	674	120	34.24	1,065	-1,030
26	Pakpak Bharat	42,814	137.35	20	118	7,908.59	183	7,726	4.23	288	-284
27	Nias Selatan	273,733	221.95	125	97	1,298.03	1,167	131	18.13	1,843	-1,825
	Total	13,248,386	9,956.99	6,044	3,913	60,153.01	56,506	3,647	134,077.18	89,221	44,856
				0.456217949			4.265091957			6.734468093	
Kabupaten/ Kota	Population	Papaya (Pepaya)			Banana (Pisang)						
		Production ton	Consumption	Balance	Production ton	Consumption	Balance				
1	Medan	2,121,053	429.20	7,085	-6,656	2,448.29	58,427	-55,979			
2	Langkat	1,057,768	198.29	3,533	-3,335	851.28	29,137	-28,286			
3	Deli Serdang	1,788,351	753.68	5,973	-5,220	3,525.70	49,262	-45,737			
4	Simalungun	859,879	1,002.84	2,872	-1,869	1,428.96	23,686	-22,257			
5	Tanah Karo	370,619	264.82	1,238	-973	11,428.15	10,209	1,219			
6	Asahan	700,606	111.59	2,340	-2,229	518.28	19,299	-18,781			
7	Lab. Batu	1,049,766	3,885.84	3,506	379	1,867.96	28,917	-27,049			
8	Tap. Utara	271,474	474.41	907	-432	2,130.35	7,478	-5,348			
9	Tap Tengah	323,563	3,296.85	1,081	2,216	55,831.26	8,913	46,918			
10	Tap Selatan	265,855	118.72	888	-769	3,378.77	7,323	-3,945			
11	Nias	444,502	52.93	1,485	-1,432	1,138.19	12,244	-11,106			
12	Dairi	273,851	11,943.79	915	11,029	197,471.43	7,544	189,928			
13	Teb. Tinggi	142,717	2,060.12	477	1,583	12,325.80	3,931	8,394			
14	Tanj. Balai	167,500	444.38	559	-115	1,662.68	4,614	-2,951			
15	Binjai	257,105	170.92	859	-688	1,922.35	7,082	-5,160			
16	P. Siantar	240,939		805	-805		6,637	-6,637			
17	Toba Samosir	174,453	43.32	583	-539	252.74	4,806	-4,553			
18	Madina	429,889	257.68	1,436	-1,178	3,453.31	11,842	-8,388			
19	P. Sidempuan	191,912		641	-641		5,286	-5,286			
20	Serdang Bedagai	739,017	94.54	2,468	-2,374	49.54	20,357	-20,308			
21	Batu Bara	389,510	581.11	1,301	-720	1,199.76	10,730	-9,530			
22	P. Lawas Utara	194,774	37.80	651	-613	417.97	5,365	-4,947			
23	P. Lawas	186,643	46.85	623	-577	183.01	5,141	-4,958			
24	Samosir	132,023	84.96	441	-356	104.86	3,637	-3,532			
25	Humb. Hasundut	158,070	687.41	528	159	719.58	4,354	-3,635			
26	Pakpak Bharat	42,814	108.38	143	-35	112.46	1,179	-1,067			
27	Nias Selatan	273,733	508.56	914	-406	367.32	7,540	-7,173			
	Total	13,248,386	27,658.99	44,252	-16,593	304,790.00	364,942	-60,152			
				3.340204479			27.54618458				

4.11 Production, Consumption and Balance of Vegetables in North Sumatra Province (2009)

(unit: ton)

Production, Consumption and Balance of Each Vegetable in North Sumatra Province (2009) - 1/2											
Kabupaten/ Kota	Population	Shallot (Bawang Merah)			Garlic (Bawang Putih)			Spring Onion (Bawang daun)			
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance	
1 Medan	2,121,053		8,848	-8,848		141	-141			5,036	-5,036
2 Langkat	1,057,768	15	4,412	-4,397		70	-70			2,511	-2,511
3 Deli Serdang	1,788,351	30	7,460	-7,430		119	-119			4,246	-4,246
4 Simalungun	859,879	5,284	3,587	1,697	220	57	163	95	2,042	-1,947	
5 Tanah Karo	370,619	691	1,546	-855	38	25	13	7,370	880	6,490	
6 Asahan	700,606		2,923	-2,923		47	-47			1,663	-1,663
7 Lab. Batu	1,049,766		4,379	-4,379		70	-70			2,492	-2,492
8 Tap. Utara	271,474	426	1,132	-706		18	-18	3,254	645	2,609	
9 Tap Tengah	323,563		1,350	-1,350		22	-22			768	-768
10 Tap Selatan	265,855	65	1,109	-1,044	1	18	-17	594	631	-37	
11 Nias	444,502		1,854	-1,854		30	-30	65	1,055	-990	
12 Dairi	273,851	2,150	1,142	1,008		18	-18			650	-650
13 Teb. Tinggi	142,717		595	-595		10	-10			339	-339
14 Tanj. Balai	167,500		699	-699		11	-11			398	-398
15 Binjai	257,105		1,072	-1,072		17	-17			610	-610
16 P. Siantar	240,939		1,005	-1,005		16	-16			572	-572
17 Toba Samosir	174,453	704	728	-24	24	12	12	255	414	-159	
18 Madina	429,889	13	1,793	-1,780		29	-29	394	1,021	-627	
19 P. Sidempuan	191,912	74	801	-727		13	-13	238	456	-218	
20 Serdang Bedagai	739,017		3,083	-3,083		49	-49			1,755	-1,755
21 Batu Bara	389,510		1,625	-1,625		26	-26			925	-925
22 P. Lawas Utara	194,774	13	812	-799		13	-13			462	-462
23 P. Lawas	186,643		779	-779		12	-12	675	443	232	
24 Samosir	132,023	2,070	551	1,519		9	-9	18	313	-295	
25 Humb. Hasundutan	158,070	1,120	659	461		11	-11	903	375	528	
26 Pakpak Bharat	42,814		179	-179		3	-3			102	-102
27 Nias Selatan	273,733		1,142	-1,142		18	-18			650	-650
Total	13,248,386	12,655	52,734	-43,269	283	842	-559	13,865	30,016	-17,072	
			4.17140473			0.06664037				2.374336132	

Kabupaten/ Kota	Population	Potato (Katang)			Cauli Flower (Kabang Kol)			Cabbage (Kubis)			
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance	
1 Medan	2,121,053		10,783	-10,783		880	-880			12,450	-12,450
2 Langkat	1,057,768		5,378	-5,378	385	439	-54			6,209	-6,209
3 Deli Serdang	1,788,351		9,092	-9,092		742	-742			10,497	-10,497
4 Simalungun	859,879	67,191	4,372	62,819		357	-357	125,176	5,047	120,129	
5 Tanah Karo	370,619	39,917	1,884	38,033	17,913	154	17,759	68,078	2,175	65,903	
6 Asahan	700,606		3,562	-3,562		291	-291			4,112	-4,112
7 Lab. Batu	1,049,766		5,337	-5,337		436	-436			6,162	-6,162
8 Tap. Utara	271,474	4,163	1,380	2,783	212	113	99	5,997	1,593	4,404	
9 Tap Tengah	323,563		1,645	-1,645		134	-134			1,899	-1,899
10 Tap Selatan	265,855	22	1,352	-1,330		110	-110			1,560	-1,560
11 Nias	444,502		2,260	-2,260		185	-185			2,609	-2,609
12 Dairi	273,851	4,140	1,392	2,748		114	-114	7,363	1,607	5,756	
13 Teb. Tinggi	142,717		726	-726		59	-59			838	-838
14 Tanj. Balai	167,500		852	-852		70	-70			983	-983
15 Binjai	257,105		1,307	-1,307		107	-107			1,509	-1,509
16 P. Siantar	240,939		1,225	-1,225		100	-100			1,414	-1,414
17 Toba Samosir	174,453	241	887	-646	19	72	-53	74	1,024	-950	
18 Madina	429,889	186	2,186	-2,000	6	178	-172			2,523	-2,523
19 P. Sidempuan	191,912		976	-976	5	80	-75	10	1,126	-1,116	
20 Serdang Bedagai	739,017		3,757	-3,757		307	-307			4,338	-4,338
21 Batu Bara	389,510		1,980	-1,980		162	-162			2,286	-2,286
22 P. Lawas Utara	194,774		990	-990		81	-81			1,143	-1,143
23 P. Lawas	186,643		949	-949		77	-77			1,096	-1,096
24 Samosir	132,023	12,085	671	11,414		55	-55	1,386	775	611	
25 Humb. Hasundutan	158,070	1,642	804	838	155	66	89	2,155	928	1,227	
26 Pakpak Bharat	42,814		218	-218		18	-18			251	-251
27 Nias Selatan	273,733		1,392	-1,392		114	-114			1,607	-1,607
Total	13,248,386	129,587	64,270	51,590	18,695	5,247	13,293	210,239	74,203	132,495	
			5.083944353			0.415072845				5.869716432	

Kabupaten/ Kota	Population	Mastard Green (Chinese Cabbage)			Carrot (Wortel)			Spinach (Bayam)			
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance	
1 Medan	2,121,053	2,525	5,160	-2,635		3,282	-3,282	1,001	1,593	-592	
2 Langkat	1,057,768		822	-822		1,637	-1,637	215	794	-579	
3 Deli Serdang	1,788,351	4,637	4,350	287		2,767	-2,767	2,150	1,343	807	
4 Simalungun	859,879	5,575	2,092	3,483	1,241	1,331	-90	4,795	646	4,149	
5 Tanah Karo	370,619	39,810	902	38,908	21,818	573	21,245	90	278	-188	
6 Asahan	700,606		575	-575		1,084	-1,084	500	526	-26	
7 Lab. Batu	1,049,766		2,554	-2,554		1,624	-1,624	90	788	-698	
8 Tap. Utara	271,474	2,307	660	1,647	7,744	420	7,324	157	204	-47	
9 Tap Tengah	323,563		787	-787		501	-501	496	243	253	
10 Tap Selatan	265,855	1,385	647	738		411	-411	231	200	31	
11 Nias	444,502		1,081	-1,081		688	-688	120	334	-214	
12 Dairi	273,851		666	-666		424	-424	25	206	-181	
13 Teb. Tinggi	142,717	58	347	-289		221	-221	73	107	-34	
14 Tanj. Balai	167,500	126	407	-281		259	-259	135	126	9	
15 Binjai	257,105	425	625	-200		398	-398	346	193	153	
16 P. Siantar	240,939	234	586	-352		373	-373	350	181	169	
17 Toba Samosir	174,453	152	424	-272		270	-270	221	131	90	
18 Madina	429,889	478	1,046	-568		665	-665	112	323	-211	
19 P. Sidempuan	191,912	459	467	-8		297	-297	130	144	-14	
20 Serdang Bedagai	739,017	3,000	1,798	1,202		1,143	-1,143	1,541	555	986	
21 Batu Bara	389,510	175	948	-773		603	-603	250	292	-42	
22 P. Lawas Utara	194,774	4	474	-470		301	-301	135	146	-11	
23 P. Lawas	186,643	332	454	-122		289	-289	450	140	310	
24 Samosir	132,023	9	321	-312		204	-204	56	99	-43	
25 Humb. Hasundutan	158,070	768	385	383	816	245	571	35	119	-84	
26 Pakpak Bharat	42,814		104	-104		66	-66		32	-32	
27 Nias Selatan	273,733		666	-666		424	-424		206	-206	
Total	13,248,386	63,911	30,752	32,382	32,248	19,561	11,871	13,704	9,949	3,755	
			2.432565962			1.547323867				0.750941365	

(unit: ton)

Production, Consumption and Balance of Each Vegetable in North Sumatra Province (2009) - 2/2

Kabupaten/ Kota	Population	Kidney Bean (Kacang Merah)			Long Bean (Kacang Panjang)			Big + Small Chili (Cabe Besar)		
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance
1 Medan	2,121,053		1,009	-1,009	1,592	4,435	-2,843	525	12,639	-12,114
2 Langkat	1,057,768		503	-503	2,921	2,212	709	3,975	6,303	-2,328
3 Deli Serdang	1,788,351		851	-851	9,775	3,739	6,036	13,363	10,656	2,707
4 Simalungun	859,879	97	409	-312	7,297	1,798	5,499	57,917	5,124	52,793
5 Tanah Karo	370,619		176	-176	28	775	-747	45,477	2,208	43,269
6 Asahan	700,606	57	333	-276	1,887	1,465	422	1,472	4,175	-2,703
7 Lab. Batu	1,049,766		499	-499	241	2,195	-1,954	507	6,255	-5,748
8 Tap. Utara	271,474	613	129	484	1,255	568	687	6,886	1,618	5,268
9 Tap Tengah	323,563		154	-154	1,256	677	579	942	1,928	-986
10 Tap Selatan	265,855	185	126	59	1,186	556	630	3,013	1,584	1,429
11 Nias	444,502	1	211	-210	538	929	-391	646	2,649	-2,003
12 Dairi	273,851		130	-130	44	573	-529	3,548	1,632	1,916
13 Teb. Tinggi	142,717		68	-68	94	298	-204	23	850	-827
14 Tanj. Balai	167,500		80	-80	318	350	-32	121	998	-877
15 Binjai	257,105		122	-122	1,071	538	533	1,009	1,532	-523
16 P. Siantar	240,939		115	-115	240	504	-264	161	1,436	-1,275
17 Toba Samosir	174,453	185	83	102	392	365	27	2,028	1,040	988
18 Madina	429,889	61	204	-143	363	899	-536	1,469	2,562	-1,093
19 P. Sidempuan	191,912	5	91	-86	363	401	-38	582	1,144	-562
20 Serdang Bedagai	739,017		352	-352	1,148	1,545	-397	1,039	4,404	-3,365
21 Batu Bara	389,510		185	-185	543	814	-271	1,355	2,321	-966
22 P. Lawas Utara	194,774	3	93	-90	477	407	70	882	1,161	-279
23 P. Lawas	186,643		89	-89	796	390	406	1,076	1,112	-36
24 Samosir	132,023	32	63	-31	448	276	172	3,481	787	2,694
25 Humb. Hasundutan	158,070	182	75	107	306	331	-25	3,105	942	2,163
26 Pakpak Bharat	42,814		20	-20	48	90	-42	197	255	-58
27 Nias Selatan	273,733		130	-130		572	-572	0	1,631	-1,631
Total	13,248,386	1,421	6,013	-4,806	34,627	26,433	7,392	154,799	75,330	72,686
			0.475636536			2.090936263			5.958809412	

Kabupaten/ Kota	Population	Kangkung (Kangkung)			Tomato (Tomat)			Eggplant (Terong)		
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance
1 Medan	2,121,053	1,119	3,309	-2,190		7,820	-7,820	1,275	4,140	-2,865
2 Langkat	1,057,768	195	1,650	-1,455	50	3,900	-3,850	3,150	2,064	1,086
3 Deli Serdang	1,788,351	3,003	2,790	213	132	6,593	-6,461	7,998	3,490	4,508
4 Simalungun	859,879	4,467	1,342	3,125	18,708	3,170	15,538	7,455	1,678	5,777
5 Tanah Karo	370,619	53	578	-525	61,734	1,366	60,368	4,685	723	3,962
6 Asahan	700,606	691	1,093	-402		2,583	-2,583	1,198	1,367	-169
7 Lab. Batu	1,049,766	86	1,638	-1,552		3,870	-3,870	165	2,049	-1,884
8 Tap. Utara	271,474	329	424	-95	1,783	1,001	782	1,228	530	698
9 Tap Tengah	323,563	640	505	135	65	1,193	-1,128	1,150	631	519
10 Tap Selatan	265,855	320	415	-95	1,702	980	722	495	519	-24
11 Nias	444,502	173	694	-521	12	1,639	-1,627	492	868	-376
12 Dairi	273,851	102	427	-325	1,254	1,010	244	40	534	-494
13 Teb. Tinggi	142,717	75	223	-148		526	-526	18	279	-261
14 Tanj. Balai	167,500	200	261	-61		618	-618	175	327	-152
15 Binjai	257,105	447	401	46	45	948	-903	468	502	-34
16 P. Siantar	240,939	195	376	-181		888	-888	270	470	-200
17 Toba Samosir	174,453	313	272	41	194	643	-449	315	340	-25
18 Madina	429,889	72	671	-599	526	1,585	-1,059	325	839	-514
19 P. Sidempuan	191,912	99	299	-200	580	708	-128	345	375	-30
20 Serdang Bedagai	739,017	930	1,153	-223	74	2,725	-2,651	1,985	1,442	543
21 Batu Bara	389,510	298	608	-310	22	1,436	-1,414	425	760	-335
22 P. Lawas Utara	194,774	321	304	17	75	718	-643	433	380	53
23 P. Lawas	186,643	260	291	-31	633	688	-55	598	364	234
24 Samosir	132,023	59	206	-147	989	487	502	6	258	-252
25 Humb. Hasundutan	158,070	247	247		1,559	583	976	315	308	7
26 Pakpak Bharat	42,814		67	-67	10	158	-148		84	-84
27 Nias Selatan	273,733		427	-427		1,009	-1,009		534	-534
Total	13,248,386	14,447	20,670	-6,223	90,147	46,609	40,980	35,009	24,672	10,016
			1.560194678			3.686899521			1.951643663	

Kabupaten/ Kota	Population	String Bean (Buncis)			Cucumber (Ketimun)			Pumpkin (Labu Siam)		
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance
1 Medan	2,121,053		2,668	-2,668	1,117	5,346	-4,229		2,943	-2,943
2 Langkat	1,057,768		1,330	-1,330	3,100	2,666	434		1,468	-1,468
3 Deli Serdang	1,788,351	235	2,249	-2,014	13,621	4,507	9,114		2,481	-2,481
4 Simalungun	859,879	9,125	1,081	8,044	6,514	2,167	4,347	1,250	1,193	57
5 Tanah Karo	370,619	22,420	466	21,954		934	-934	982	514	468
6 Asahan	700,606		881	-881	1,598	1,766	-168		972	-972
7 Lab. Batu	1,049,766		1,320	-1,320	317	2,646	-2,329		1,456	-1,456
8 Tap. Utara	271,474	2,694	341	2,353	3,168	684	2,484	1,764	377	1,387
9 Tap Tengah	323,563		407	-407	939	815	124	1	449	-448
10 Tap Selatan	265,855	825	334	491	1,378	670	708	140	369	-229
11 Nias	444,502	229	559	-330	290	1,120	-830		617	-617
12 Dairi	273,851	1,594	344	1,250		690	-690		380	-380
13 Teb. Tinggi	142,717		179	-179	105	360	-255		198	-198
14 Tanj. Balai	167,500		211	-211	212	422	-210		232	-232
15 Binjai	257,105		323	-323	1,131	648	483		357	-357
16 P. Siantar	240,939		303	-303	607	607			334	-334
17 Toba Samosir	174,453	465	219	246	551	440	111	75	242	-167
18 Madina	429,889	259	541	-282	550	1,083	-533	115	596	-481
19 P. Sidempuan	191,912	315	241	74	750	484	266	20	266	-246
20 Serdang Bedagai	739,017		929	-929	1,850	1,863	-13		1,025	-1,025
21 Batu Bara	389,510	66	490	-424	455	982	-527		540	-540
22 P. Lawas Utara	194,774	8	245	-237	647	491	156	56	270	-214
23 P. Lawas	186,643	195	235	-40	637	470	167	85	259	-174
24 Samosir	132,023	26	166	-140	65	333	-268		183	-183
25 Humb. Hasundutan	158,070	175	199	-24	772	398	374	132	219	-87
26 Pakpak Bharat	42,814		54	-54		108	-108		59	-59
27 Nias Selatan	273,733		344	-344		690	-690		380	-380
Total	13,248,386	38,631	15,899	22,531	39,767	31,861	7,069	4,620	17,540	-13,052
			1.257661471			2.520306168			1.38745	

4.12 Production, Consumption and Balance of Fruits in South Sulawesi Province (2009)

(unit: ton)

Production, Consumption and Balance of Each Fruit in South Sulawesi Province (2009) - 1/2										
	Population	Avocado			Star Fruit			Duku / Langsat		
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance
1 Selayar	121,749	4	136	-132		38	-38		103	-103
2 Bulukumba	394,746	231	440	-209	56	124	-68	944	333	611
3 Bantaeng	174,176	996	194	802	23	55	-32	42	147	-105
4 Jeneponto	334,175	717	372	345	29	105	-76		282	-282
5 Takalar	257,974		287	-287	182	81	101	16	218	-202
6 Gowa	617,317	7,501	687	6,814	169	193	-24	3,564	521	3,043
7 Sinjai	228,304	103	254	-151	95	71	24	2,696	193	2,503
8 Maros	306,687	42	342	-300	17	96	-79	3	259	-256
9 Pangkep	298,701	11	333	-322	127	94	33		252	-252
10 Barru	162,985	233	181	52	2	51	-49	2	138	-136
11 Bone	711,748	68	793	-725	15	223	-208	5,751	601	5,150
12 Soppeng	230,744	209	297	-48	230	72	158	180	195	-15
13 Wajo	381,066	2	424	-422	89	119	-30	461	322	139
14 Sidrap	252,483	14	281	-267	72	79	-7	138	213	-75
15 Pinrang	351,042	125	391	-266	42	110	-68	1,859	296	1,563
16 Enrekang	190,576	356	212	144	29	60	-31	210	161	49
17 Luwu	328,180	30	365	-335	17	103	-86	231	277	-46
18 Tator	469,339	1,151	523	628	42	147	-105	838	396	442
19 Luwu Utara	321,979	11	359	-348	4	101	-97	403	272	131
20 Lueu Timur	237,354	12	264	-252	9	74	-65	431	200	231
21 Makassar	1,271,870	1	1,416	-1,415	30	398	-368		1,074	-1,074
22 Pare-pare	118,842		132	-132	1	37	-36		100	-100
23 Palopo	146,482	13	163	-150	5	46	-41	1,750	124	1,626
Total	7,908,519	11,830	8,806	3,024	1,285	2,476	-1,191	19,519	6,678	12,841
		11,827	1.113519627		1,283	0.313096088		19,518	0.844356310	
	Population	Durian			Guava			Mango		
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance
1 Selayar	121,749	12	420	-408	88	116	-28	1,940	1,180	760
2 Bulukumba	394,746	1,552	1,361	191	20	376	-356	3,196	3,827	-631
3 Bantaeng	174,176	12	601	-589	10	166	-156	3,829	1,689	2,140
4 Jeneponto	334,175		1,152	-1,152	475	318	157	29,679	3,240	26,439
5 Takalar	257,974		890	-890	269	246	23	17,884	2,501	15,383
6 Gowa	617,317	810	2,129	-1,319	711	588	123	2,780	5,986	-3,206
7 Sinjai	228,304	381	787	-406	53	217	-164	728	2,214	-1,486
8 Maros	306,687	25	1,057	-1,032	295	292	3	1,019	2,974	-1,955
9 Pangkep	298,701	12	1,030	-1,018	1,931	284	1,647	4,910	2,896	2,014
10 Barru	162,985	246	562	-316	203	155	48	1,983	1,580	403
11 Bone	711,748	1,259	2,454	-1,195	4,159	677	3,482	10,040	6,901	3,139
12 Soppeng	230,744	62	796	-734	74	220	-146	26,351	2,237	24,114
13 Wajo	381,066	793	1,314	-521	191	363	-172	5,743	3,695	2,048
14 Sidrap	252,483	1,592	871	721	537	240	297	4,073	2,448	1,625
15 Pinrang	351,042	3,734	1,210	2,524	1,220	334	886	18,066	3,404	14,662
16 Enrekang	190,576	566	657	-91	37	181	-144	7,054	1,848	5,206
17 Luwu	328,180	2,108	1,132	976	30	312	-282	2,828	3,182	-354
18 Tator	469,339	841	1,618	-777	788	447	341	785	4,551	-3,766
19 Luwu Utara	321,979	7,606	1,110	6,496	38	306	-268	438	3,122	-2,684
20 Lueu Timur	237,354	3,088	818	2,270	14	226	-212	456	2,301	-1,845
21 Makassar	1,271,870		4,385	-4,385	36	1,210	-1,174	3,045	12,332	-9,287
22 Pare-pare	118,842		410	-410	3	113	-110	214	1,152	-938
23 Palopo	146,482	1,177	505	672	7	139	-132	381	1,420	-1,039
Total	7,908,519	25,876	27,269	-1,393	11,189	7,527	3,662	147,422	76,682	70,740
		25877	3.448054786		11187	0.951705269		147423	9.696068465	
	Population	Orange + Big Orange			Mango Steen			Pineapple		
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance
1 Selayar	121,749	4,386	1,122	3,264		56	-56	5	820	-815
2 Bulukumba	394,746	1,922	3,637	-1,715	168	180	-12	82	2,658	-2,576
3 Bantaeng	174,176	10	1,605	-1,595	44	79	-35	8	1,173	-1,165
4 Jeneponto	334,175	41	3,079	-3,038		152	-152	0	2,250	-2,250
5 Takalar	257,974	70	2,377	-2,307		118	-118	11	1,737	-1,726
6 Gowa	617,317	1,275	5,688	-4,413		282	-282	206	4,157	-3,951
7 Sinjai	228,304	752	2,103	-1,351	218	104	114	92	1,538	-1,446
8 Maros	306,687	1,772	2,826	-1,054		140	-140	14	2,065	-2,051
9 Pangkep	298,701	8,825	2,752	6,073		136	-136	18	2,012	-1,994
10 Barru	162,985	644	1,502	-858		74	-74	9	1,098	-1,089
11 Bone	711,748	367	6,558	-6,191		325	-325	157	4,793	-4,636
12 Soppeng	230,744	876	2,126	-1,250		105	-105	32	1,554	-1,522
13 Wajo	381,066	761	3,511	-2,750		174	-174	64	2,566	-2,502
14 Sidrap	252,483	401	2,326	-1,925		115	-115	56	1,700	-1,644
15 Pinrang	351,042	557	3,234	-2,677		160	-160	642	2,364	-1,722
16 Enrekang	190,576	503	1,756	-1,253	3	87	-84	158	1,283	-1,125
17 Luwu	328,180	244	3,024	-2,780	1	150	-149	37	2,210	-2,173
18 Tator	469,339	1,108	4,324	-3,216	648	214	434	169	3,161	-2,992
19 Luwu Utara	321,979	10,080	2,967	7,113	4	147	-143	39	2,168	-2,129
20 Lueu Timur	237,354	1,640	2,187	-547	122	108	14	110	1,598	-1,488
21 Makassar	1,271,870	28	11,718	-11,690		580	-580	0	8,565	-8,565
22 Pare-pare	118,842	0	1,095	-1,095		54	-54	1	800	-799
23 Palopo	146,482	8	1,350	-1,342	12	67	-55	3	986	-983
Total	7,908,519	36,270	72,865	-36,595	1,220	3,608	-2,388	1,913	53,260	-51,347
		36266	9.213426024		1220	0.456217949		1915	6.734468093	

(unit: ton)

Production, Consumption and Balance of Each Fruit in South Sulawesi Province (2009) - 2/2											
	Population	Papaya			Banana			Rambutan			
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance	
1	Selayar	121,749	180	407	-227	395	3,354	-2,959		519	-519
2	Bulukumba	394,746	268	1,319	-1,051	5,485	10,874	-5,389	1,233	1,684	-451
3	Bantaeng	174,176	306	582	-276	1,194	4,798	-3,604	29	743	-714
4	Jeneponto	334,175	810	1,116	-306	6,339	9,205	-2,866	2	1,425	-1,423
5	Takalar	257,974	336	862	-526	1,957	7,106	-5,149	10	1,100	-1,090
6	Gowa	617,317	566	2,062	-1,496	7,530	17,005	-9,475	3,376	2,633	743
7	Sinjai	228,304	263	763	-500	1,705	6,289	-4,584	2,332	974	1,358
8	Maros	306,687	450	1,024	-574	3,566	8,448	-4,882	75	1,308	-1,233
9	Pangkep	298,701	249	998	-749	3,187	8,228	-5,041	65	1,274	-1,209
10	Barru	162,985	227	544	-317	3,351	4,490	-1,139	25	695	-670
11	Bone	711,748	2,146	2,377	-231	16,348	19,606	-3,258	1,017	3,036	-2,019
12	Soppeng	230,744	1,370	771	599	3,978	6,356	-2,378	932	984	-52
13	Wajo	381,066	1,117	1,273	-156	14,568	10,497	4,071	544	1,625	-1,081
14	Sidrap	252,483	715	843	-128	3,442	6,955	-3,513	208	1,077	-869
15	Pinrang	351,042	15,189	1,173	14,016	108,972	9,670	99,302	5,227	1,497	3,730
16	Enrekang	190,576	11,925	637	11,288	5,438	5,250	188	4,333	813	3,520
17	Luwu	328,180	379	1,096	-717	1,974	9,040	-7,066	1,779	1,400	379
18	Tator	469,339	304	1,568	-1,264	1,680	12,928	-11,248	498	2,002	-1,504
19	Luwu Utara	321,979	166	1,075	-909	725	8,869	-8,144	2,200	1,373	827
20	Lueu Timur	237,354	155	793	-638	3,648	6,538	-2,890	1,204	1,012	192
21	Makassar	1,271,870	55	4,248	-4,193	69	35,035	-34,966	9	5,425	-5,416
22	Pare-pare	118,842	9	397	-388	135	3,274	-3,139		507	-507
23	Palopo	146,482	49	489	-440	250	4,035	-3,785	757	625	132
	Total	7,908,519	37,234	26,416	10,818	195,936	217,850	-21,914	25,855	4,265,091	957
			37232	3.340204479		195973	27.54618458		25855	4.265091957	
	Population	Salak			Sapodia						
		Production ton	Consumption	Balance	Production ton	Consumption	Balance				
1	Selayar	121,749		436	-436		67	-67			
2	Bulukumba	394,746	13	1,414	-1,401	3	218	-215			
3	Bantaeng	174,176	2	624	-622	22	96	-74			
4	Jeneponto	334,175		1,197	-1,197		185	-185			
5	Takalar	257,974		924	-924		143	-143			
6	Gowa	617,317	6	2,212	-2,206	3	341	-338			
7	Sinjai	228,304	5	818	-813		126	-126			
8	Maros	306,687	25	1,099	-1,074	0	169	-169			
9	Pangkep	298,701	3	1,070	-1,067	1	165	-164			
10	Barru	162,985	0	584	-584	1	90	-89			
11	Bone	711,748	4	2,550	-2,546	14	393	-379			
12	Soppeng	230,744	36	827	-791	1	128	-127			
13	Wajo	381,066	18	1,365	-1,347	606	211	395			
14	Sidrap	252,483	32	905	-873	165	140	25			
15	Pinrang	351,042	2,979	1,258	1,721		194	-194			
16	Enrekang	190,576	4,969	683	4,286	2	105	-103			
17	Luwu	328,180	76	1,176	-1,100	1	181	-180			
18	Tator	469,339	108	1,682	-1,574	27	259	-232			
19	Luwu Utara	321,979	29	1,154	-1,125	0	178	-178			
20	Lueu Timur	237,354	89	850	-761	7	131	-124			
21	Makassar	1,271,870		4,557	-4,557	16	703	-687			
22	Pare-pare	118,842		426	-426		66	-66			
23	Palopo	146,482	2	525	-523		81	-81			
	Total	7,908,519	8,396	28,336	-19,940	869	4,371	-3,502			

4.13 Production, Consumption and Balance of Vegetables in South Sulawesi Province (2009)

(unit: ton)

Production, Consumption and Balance of Each Vegetable in South Sulawesi Province (2009) - 1/3										
Kabupaten/ Kota	Population	Shallot			Garlic			Spring Onion (Leeks)		
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance
1 Selayar	121,749		508	-508		8	-8		289	-289
2 Bulukumba	394,746		1,647	-1,647		26	-26	3	937	-934
3 Bantaeng	174,176	1,305	727	578		12	-12	278	414	-136
4 Jeneponto	334,175	771	1,394	-623		22	-22	2	793	-791
5 Takalar	257,974	27	1,076	-1,049	1	17	-16	13	613	-600
6 Gowa	617,317	93	2,575	-2,482		41	-41	5,006	1,466	3,540
7 Sinjai	228,304		952	-952		15	-15	190	542	-352
8 Maros	306,687	34	1,279	-1,245		20	-20		728	-728
9 Pangkep	298,701		1,246	-1,246		20	-20		709	-709
10 Barru	162,985	2	680	-678		11	-11		387	-387
11 Bone	711,748	528	2,969	-2,441	64	47	17	36	1,690	-1,654
12 Soppeng	230,744	2	963	-961		15	-15	1	548	-547
13 Wajo	381,066	96	1,590	-1,494		25	-25		905	-905
14 Sidrap	252,483		1,053	-1,053		17	-17		599	-599
15 Pinrang	351,042	342	1,464	-1,122		23	-23	3	833	-830
16 Enrekang	190,576	9,893	795	9,098		13	-13	3,528	452	3,076
17 Luwu	328,180	5	1,369	-1,364		22	-22	1	779	-778
18 Tator	469,339	104	1,958	-1,854	20	31	-11	2,188	1,114	1,074
19 Luwu Utara	321,979	46	1,343	-1,297		21	-21	125	764	-639
20 Lueu Timur	237,354		990	-990		16	-16		564	-564
21 Makassar	1,271,870		5,305	-5,305		85	-85		3,020	-3,020
22 Pare-pare	118,842		496	-496		8	-8	4	282	-278
23 Palopo	146,482		611	-611		10	-10		348	-348
Total	7,908,519	13,248	32,990	-19,742	85	527	-442	11,378	18,777	-7,399
		13,246	4.17140473			0.06664037		11,378	2.374336132	
Kabupaten/ Kota	Population	Potato			Cauli Flower			Cabbage		
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance
1 Selayar	121,749		619	-619	13	51	-38	7	715	-708
2 Bulukumba	394,746		2,007	-2,007		164	-164	28	2,317	-2,289
3 Bantaeng	174,176	2,367	886	1,481		72	-72	5,854	1,022	4,832
4 Jeneponto	334,175	109	1,699	-1,590		139	-139	166	1,962	-1,796
5 Takalar	257,974		1,312	-1,312	15	107	-92		1,514	-1,514
6 Gowa	617,317	7,857	3,138	4,719	764	256	508	3,012	3,623	-611
7 Sinjai	228,304	97	1,161	-1,064	1	95	-94	226	1,340	-1,114
8 Maros	306,687		1,559	-1,559		127	-127		1,800	-1,800
9 Pangkep	298,701		1,519	-1,519		124	-124		1,753	-1,753
10 Barru	162,985		829	-829		68	-68	1	957	-956
11 Bone	711,748	84	3,618	-3,534		295	-295	1	4,178	-4,177
12 Soppeng	230,744		1,173	-1,173		96	-96		1,354	-1,354
13 Wajo	381,066		1,937	-1,937		158	-158		2,237	-2,237
14 Sidrap	252,483		1,284	-1,284		105	-105		1,482	-1,482
15 Pinrang	351,042	144	1,785	-1,641		146	-146		2,061	-2,061
16 Enrekang	190,576	744	969	-225	404	79	325	21,294	1,119	20,175
17 Luwu	328,180		1,668	-1,668		136	-136		1,926	-1,926
18 Tator	469,339	395	2,386	-1,991	2	195	-193	705	2,755	-2,050
19 Luwu Utara	321,979	5	1,637	-1,632	116	134	-18		1,890	-1,890
20 Lueu Timur	237,354		1,207	-1,207	11	99	-88	11	1,393	-1,382
21 Makassar	1,271,870		6,466	-6,466		528	-528		7,466	-7,466
22 Pare-pare	118,842		604	-604		49	-49		698	-698
23 Palopo	146,482		745	-745		61	-61		860	-860
Total	7,908,519	11,802	40,206	-28,404	1,326	3,283	-1,957	31,305	46,421	-15,116
		11,802	5.083944353			0.415072845		31,303	5.869716432	
Kabupaten/ Kota	Population	Mastard Green (Chinese Cabbage)			Carrot			Melon		
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance
1 Selayar	121,749	29	296	-267		188	-188		45	-45
2 Bulukumba	394,746	33	960	-927		611	-611		146	-146
3 Bantaeng	174,176	438	424	14	2,922	270	2,652		65	-65
4 Jeneponto	334,175	210	813	-603	192	517	-325		124	-124
5 Takalar	257,974	173	628	-455		399	-399		96	-96
6 Gowa	617,317	2,309	1,502	807	1,144	955	189	35	229	-194
7 Sinjai	228,304	94	555	-461	10	353	-343	45	85	-40
8 Maros	306,687	60	746	-686		475	-475		114	-114
9 Pangkep	298,701	4	727	-723		462	-462		111	-111
10 Barru	162,985		396	-396		252	-252	63	60	3
11 Bone	711,748	943	1,731	-788	1	1,101	-1,100		264	-264
12 Soppeng	230,744	27	561	-534		357	-357		86	-86
13 Wajo	381,066	14	927	-913		590	-590		141	-141
14 Sidrap	252,483	16	614	-598		391	-391		94	-94
15 Pinrang	351,042	647	854	-207		543	-543		130	-130
16 Enrekang	190,576	1,087	464	623	2,940	295	2,645		71	-71
17 Luwu	328,180	13	798	-785	17	508	-491		122	-122
18 Tator	469,339	1,986	1,142	844	551	726	-175		174	-174
19 Luwu Utara	321,979	12	783	-771	2	498	-496		119	-119
20 Lueu Timur	237,354	263	577	-314		367	-367		88	-88
21 Makassar	1,271,870	36	3,094	-3,058	1	1,968	-1,967		472	-472
22 Pare-pare	118,842	8	289	-281		184	-184		44	-44
23 Palopo	146,482	19	356	-337		227	-227		54	-54
Total	7,908,519	8,421	19,238	-10,817	7,780	12,237	-4,457	143	2,935	-2,792
			2.43257		7,781	1.547323867			0.37108821	

(unit: ton)

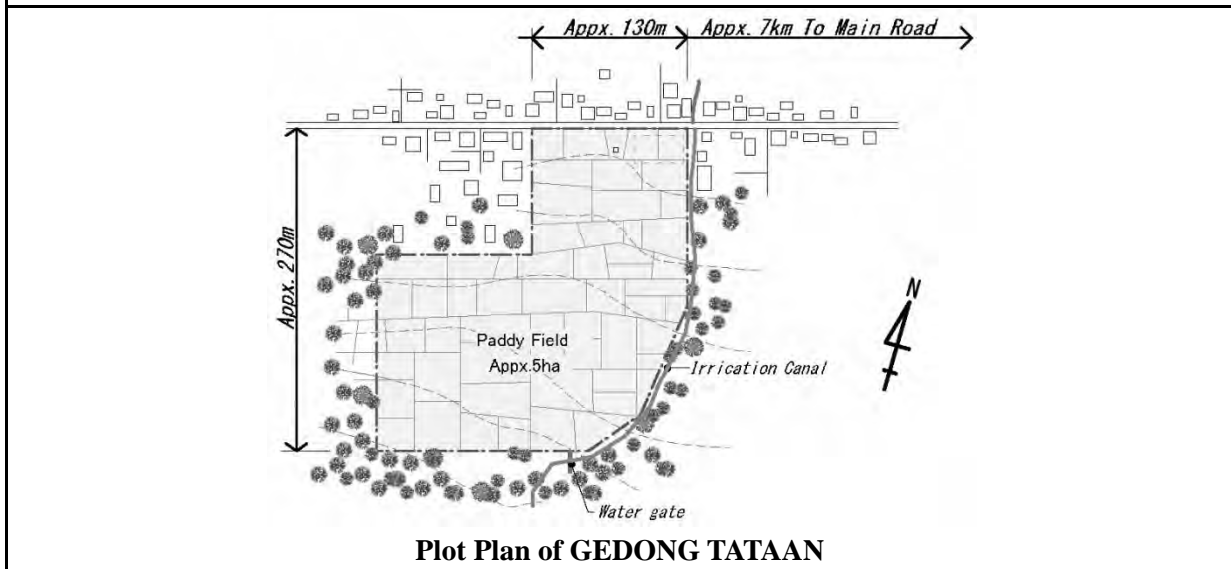
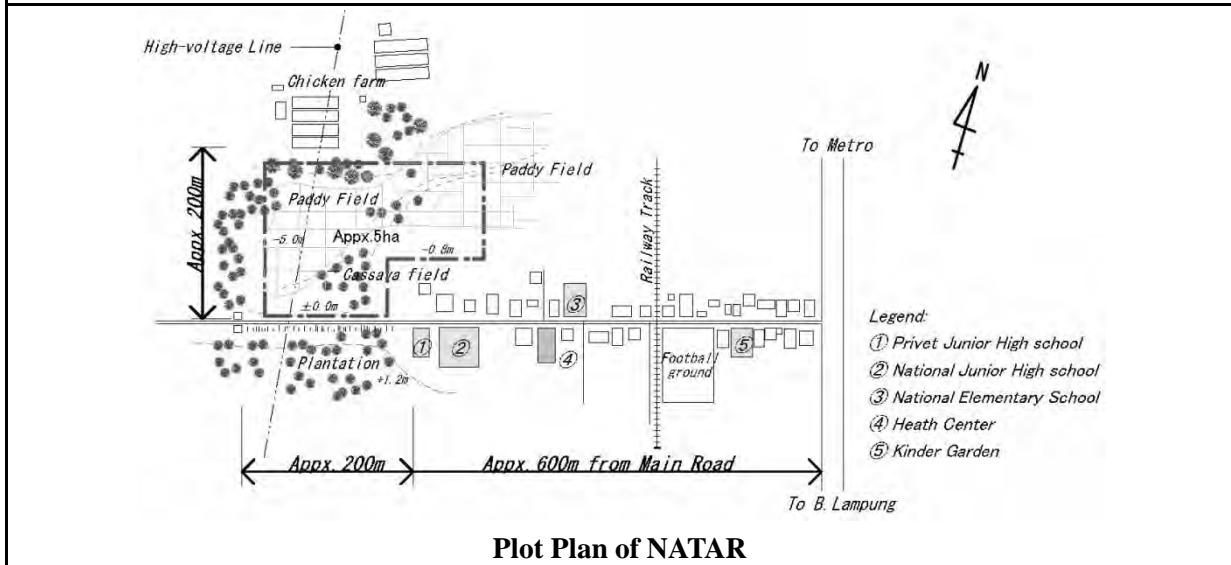
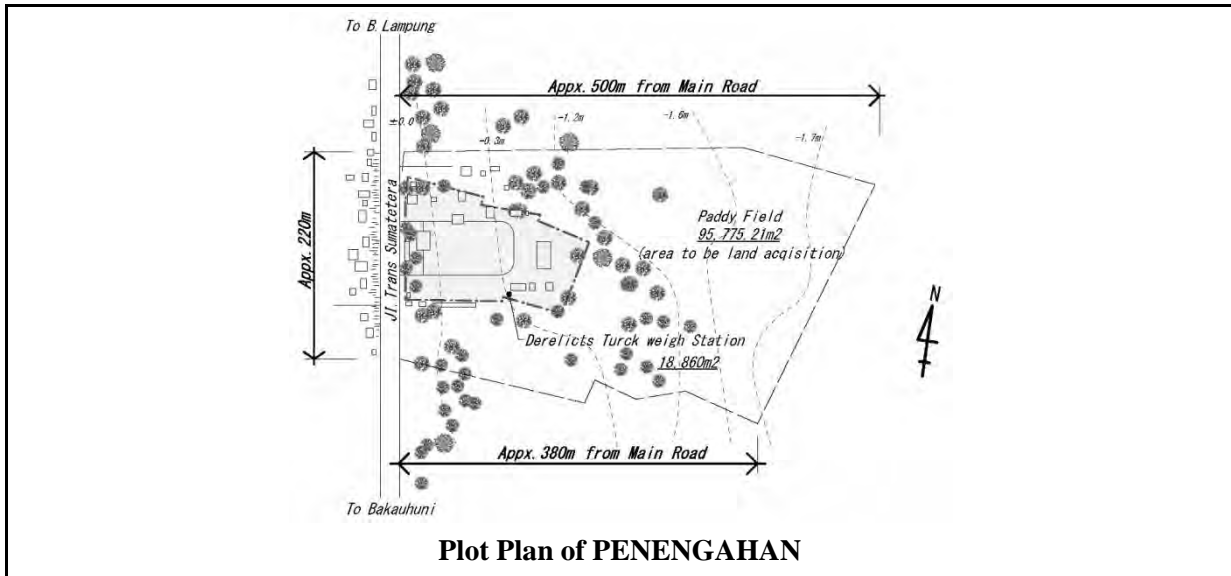
Production, Consumption and Balance of Each Vegetable in South Sulawesi Province (2009) - 2/3										
	Population	Kidney Bean			Long Bean			Big Chili + Small Chili		
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance
1 Selayar	121,749		58	-58	65	255	-190	72	725	-653
2 Bulukumba	394,746	54	188	-134	283	825	-542	253	2,352	-2,099
3 Bantaeng	174,176	3	83	-80	105	364	-259	306	1,038	-732
4 Jeneponto	334,175	25	159	-134	61	699	-638	1,869	1,991	-122
5 Takalar	257,974		123	-123	292	539	-247	894	1,537	-643
6 Gowa	617,317	1,815	294	1,521	2,237	1,291	946	4,189	3,678	511
7 Sinjai	228,304	5	109	-104	72	477	-405	231	1,360	-1,129
8 Maros	306,687	10	146	-136	526	641	-115	1,188	1,827	-639
9 Pangkep	298,701	1	142	-141	366	625	-259	90	1,780	-1,690
10 Barru	162,985	3	78	-75	29	341	-312	35	971	-936
11 Bone	711,748		339	-339	1,586	1,488	98	1,576	4,241	-2,665
12 Soppeng	230,744		110	-110	100	482	-382	111	1,375	-1,264
13 Wajo	381,066		181	-181	450	797	-347	1,194	2,271	-1,077
14 Sidrap	252,483		120	-120	871	528	343	969	1,504	-535
15 Pinrang	351,042	55	167	-112	343	734	-391	761	2,092	-1,331
16 Enrekang	190,576	1,904	91	1,813	846	398	448	4,715	1,136	3,579
17 Luwu	328,180	3	156	-153	325	686	-361	477	1,956	-1,479
18 Tator	469,339	1,064	223	841	848	981	-133	1,096	2,797	-1,701
19 Luwu Utara	321,979	21	153	-132	188	673	-485	223	1,919	-1,696
20 Lueu Timur	237,354		113	-113	407	496	-89	698	1,414	-716
21 Makassar	1,271,870		605	-605	13	2,659	-2,646	2	7,579	-7,577
22 Pare-pare	118,842	1	57	-56	6	248	-242	18	708	-690
23 Palopo	146,482		70	-70	23	306	-283	17	873	-856
Total	7,908,519	4,964	3,762	1,202	10,042	16,536	-6,494	20,984	47,125	-26,141
			0.475636536			2.090936263		20,982	5.958809412	
	Population	Spinach			Tomato			Eggplant		
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance
1 Selayar	121,749	173	91	82	185	449	-264	120	238	-118
2 Bulukumba	394,746	55	296	-241	336	1,455	-1,119	238	770	-532
3 Bantaeng	174,176	36	131	-95	800	642	158	108	340	-232
4 Jeneponto	334,175		251	-251	230	1,232	-1,002	43	652	-609
5 Takalar	257,974	165	194	-29	171	951	-780	190	503	-313
6 Gowa	617,317	436	464	-28	4,959	2,276	2,683	1,905	1,205	700
7 Sinjai	228,304	41	171	-130	161	842	-681	152	446	-294
8 Maros	306,687	99	230	-131	869	1,131	-262	440	599	-159
9 Pangkep	298,701	101	224	-123	76	1,101	-1,025	172	583	-411
10 Barru	162,985	5	122	-117	89	601	-512	162	318	-156
11 Bone	711,748	1,812	534	1,278	1,496	2,624	-1,128	1,663	1,389	274
12 Soppeng	230,744	11	173	-162	68	851	-783	78	450	-372
13 Wajo	381,066	114	286	-172	413	1,405	-992	463	744	-281
14 Sidrap	252,483	140	190	-50	467	931	-464	743	493	250
15 Pinrang	351,042	212	264	-52	475	1,294	-819	629	685	-56
16 Enrekang	190,576	410	143	267	17,398	703	16,695	2,135	372	1,763
17 Luwu	328,180	184	246	-62	683	1,210	-527	498	640	-142
18 Tator	469,339	477	352	125	1,425	1,730	-305	779	916	-137
19 Luwu Utara	321,979	155	242	-87	210	1,187	-977	138	628	-490
20 Lueu Timur	237,354	142	178	-36	452	875	-423	702	463	239
21 Makassar	1,271,870	22	955	-933	4	4,689	-4,685	2	2,482	-2,480
22 Pare-pare	118,842	43	89	-46	4	438	-434	10	232	-222
23 Palopo	146,482	75	110	-35	11	540	-529	106	286	-180
Total	7,908,519	4,908	5,939	-1,031	30,982	29,158	1,824	11,476	15,435	-3,959
			0.750941365			3.686899521			1.951643663	
	Population	String Bean			Cucumber			Pumpkin		
		Production ton	Consumption	Balance	Production ton	Consumption	Balance	Production ton	Consumption	Balance
1 Selayar	121,749		153	-153	175	307	-132	42	169	-127
2 Bulukumba	394,746	150	496	-346	77	995	-918	71	548	-477
3 Bantaeng	174,176	337	219	118	214	439	-225	283	242	41
4 Jeneponto	334,175	6	420	-414	16	842	-826	464	464	-64
5 Takalar	257,974		324	-324	177	650	-473	63	358	-295
6 Gowa	617,317	697	776	-79	1,146	1,556	-410	1,474	856	618
7 Sinjai	228,304	17	287	-270	6	575	-569	134	317	-183
8 Maros	306,687	173	386	-213	309	773	-464	228	426	-198
9 Pangkep	298,701	2	376	-374	107	753	-646	54	414	-360
10 Barru	162,985	0	205	-205	23	411	-388	10	226	-216
11 Bone	711,748	208	895	-687	1,184	1,794	-610	1,666	988	678
12 Soppeng	230,744	13	290	-277	14	582	-568	29	320	-291
13 Wajo	381,066		479	-479	201	960	-759	2	529	-527
14 Sidrap	252,483		318	-318	307	636	-329		350	-350
15 Pinrang	351,042	2	441	-439	114	885	-771	45	487	-442
16 Enrekang	190,576	5,834	240	5,594	633	480	153	4,284	264	4,020
17 Luwu	328,180	13	413	-400	912	827	85	28	455	-427
18 Tator	469,339	535	590	-55	362	1,183	-821	1,416	651	765
19 Luwu Utara	321,979	86	405	-319	32	811	-779	11	447	-436
20 Lueu Timur	237,354	21	299	-278	71	598	-527		329	-329
21 Makassar	1,271,870		1,600	-1,600	9	3,206	-3,197		1,765	-1,765
22 Pare-pare	118,842		149	-149		300	-300		165	-165
23 Palopo	146,482		184	-184	34	369	-335	6	203	-197
Total	7,908,519	8,094	9,946	-1,852	6,123	19,932	-13,809	9,846	10,973	-1,127
			1.257661471			2.520306168			1.38745	

(unit: ton)

Production, Consumption and Balance of Each Vegetable in South Sulawesi Province (2009) - 3/3					
	Population	Kangkung			
		Production ton	Consumption	Balance	
1	Selayar	121,749	99	190	-91
2	Bulukumba	394,746	142	616	-474
3	Bantaeng	174,176	48	272	-224
4	Jeneponto	334,175	75	521	-446
5	Takalar	257,974	271	402	-131
6	Gowa	617,317	1,421	963	458
7	Sinjai	228,304	175	356	-181
8	Maros	306,687	490	478	12
9	Pangkep	298,701	94	466	-372
10	Barru	162,985	27	254	-227
11	Bone	711,748	1,399	1,110	289
12	Soppeng	230,744	13	360	-347
13	Wajo	381,066	168	595	-427
14	Sidrap	252,483	183	394	-211
15	Pinrang	351,042	229	548	-319
16	Enrekang	190,576	2,062	297	1,765
17	Luwu	328,180	182	512	-330
18	Tator	469,339	882	732	150
19	Luwu Utara	321,979	153	502	-349
20	Lueu Timur	237,354	502	370	132
21	Makassar	1,271,870	53	1,984	-1,931
22	Pare-pare	118,842	16	185	-169
23	Palopo	146,482	712	229	483
	Total	7,908,519	9,396	12,339	-2,943
			1.560194678	1.560194678	

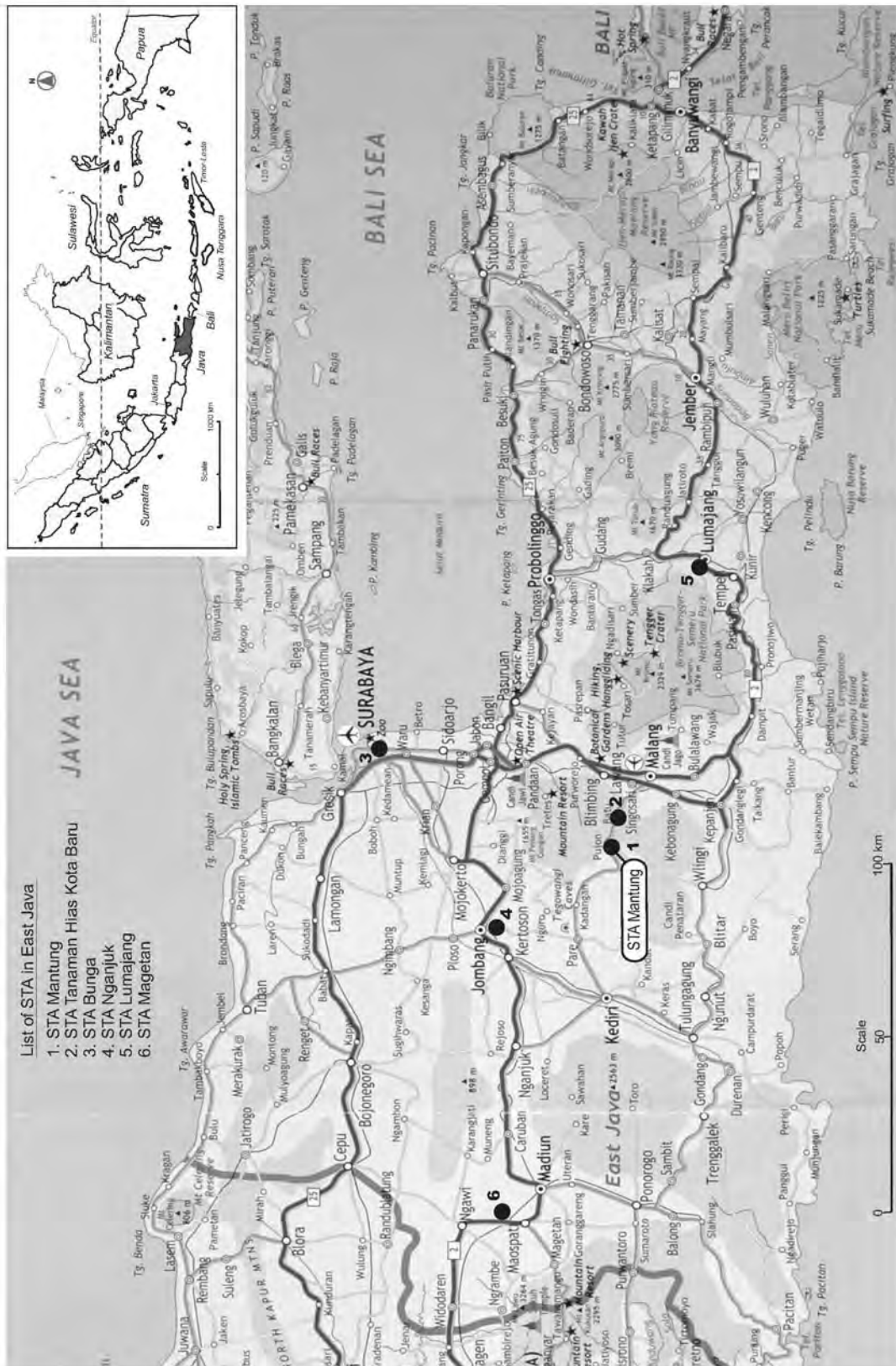
Appendix-5 Outline of the Project Site

5.1 Candidate Sites of New TA in Lampung Province



5.2 3 STAs

(1) STA Mantung (East Jawa Province)



Appendices 6-2 Location Map of STA in East Jawa Province

LIST OF EXISTING BUILDINGS (STA MANTUNG)											
No.	BUILDING NAME	QUANTITY	STORY	STRUCTURE	FLOOR AREA(M2)	FINISHING	UTILITY			REMARKS	
							ELC.	TEL	WATER		
1	ADMINISTRATION BUILDING	1	1	B	64	Roof: Roof tile Wall: Paint on cement mortar Floor: Ceramic tile	○	○	○	w/Office room, Manager's room, Toilet	
2	PRAYER ROOM	1	1	B	47	Roof: Roof tile Wall: Paint on cement mortar Floor: Ceramic tile	○	-	○	w/Toilet	
3	OPEN SPACE	1	1	S	182	Roof: Roof tile Wall: None Floor: Cement mortar on concrete	○	-	-		
4	RENTAL BOOTH (GA) (1)	1	1	RC/B	108	Roof: Roof tile Wall: Brick, Steel mesh Floor: Cement mortar on concrete	○	-	-	6 booths	
5	RENTAL BOOTH (GA) (2)	1	1	RC/B	132	Roof: Roof tile Wall: Brick, Steel mesh Floor: Cement mortar on concrete	○	-	○	7 booths, w/Toilet	
6	RENTAL BOOTH (GB) (1)	1	1	RC/B	144	Roof: Roof tile Wall: Brick, Steel mesh Floor: Cement mortar on concrete	○	-	-	8 booths *Not in use	
7	RENTAL BOOTH (GB) (2)	1	1	RC/B	72	Roof: Roof tile Wall: Brick, Steel mesh Floor: Cement mortar on concrete	○	-	-	4 booths	
8	RENTAL BOOTH (GB) (3)	1	1	RC/B	90	Roof: Roof tile Wall: Brick, Steel mesh Floor: Cement mortar on concrete	○	-	-	5 booths	
9	RENTAL BOOTH (GC) (1)	1	1	RC/B	102	Roof: Roof tile Wall: Brick, Steel mesh Floor: Cement mortar on concrete	○	-	○	5 booths, w/Toilet *Not in use	
10	RENTAL BOOTH (GC) (2)	1	1	RC/B	102	Roof: Roof tile Wall: Brick, Steel mesh Floor: Cement mortar on concrete	○	-	-	5 booths *Used for storage of cabbage etc.	
11	RENTAL BOOTH (RB) (1)	9	1	S	34	Roof: Roof tile Wall: None Floor: Ceramic tile	○	-	-		
12	RENTAL BOOTH (RC)	4	1	S	34	Roof: Roof tile Wall: None Floor: Ceramic tile	○	-	-	*Used for storage of cabbage etc.	
13	RENTAL BOOTH (RS)	2	1	S	64	Roof: Roof tile Wall: None Floor: Ceramic tile	○	-	-		
14	INFORMATION ROOM	1	1	RC/B	48	Roof: Roof tile Wall: Paint on cement mortar Floor: Ceramic tile	○	-	-		
15	SHOP	1	1	B	6	Roof: Roof tile Wall: Paint on cement mortar Floor: Ceramic tile	○	-	-		
16	GATE HOUSE (1)	1	1	B	4	Roof: Roof tile Wall: Paint on cement mortar Floor: Ceramic tile	○	-	-		
17	GATE HOUSE (2)	1	1	B	6	Roof: Roof tile Wall: Paint on cement mortar Floor: Ceramic tile	○	-	-	*Not in use	
18	BANK	1	1	RC/B	33	Roof: Roof tile Wall: Paint on cement mortar Floor: Ceramic tile	○	-	○	w/Toilet *Not in use	
19	CANTEEN	1	1	W	60	Roof: Roof tile Wall: None Floor: Cement mortar on concrete	-	-	-	*Not in use *Roof: Partially broken	
OUTDOOR FACILITY		COLLECTING/LOADING SPACE(Paving brick), PARKING LOT(Paving brick), FENCEING, OUTDOOR LIGHT, ELEVATED WATER TANK(Not in use), WATER TAP, DRAIN DITCH, WASTE DUMP, RETAINING WALL									
STRUCTURE:		RC:	Reinforced Concrete Structure				UTILITY:	○	Furnished		
		S:	Steel Structure					-	Not furnished		
		B:	Brick wall								
		W:	Wooden Structure								

(2) STA Saribudolok (North Sumatra Province)



List of STA in North Sumatra

1. PDR Dairi
2. STA Talun Kenas
3. STA Karo Merek
4. STA Saribudolok
5. STA Air Batu
6. STA Toba Samsir
7. STA Tapanuli Utara
8. TA Pematang Siantar



Appendices 6-2 Location Map of TA/STA in North Sumatera Province

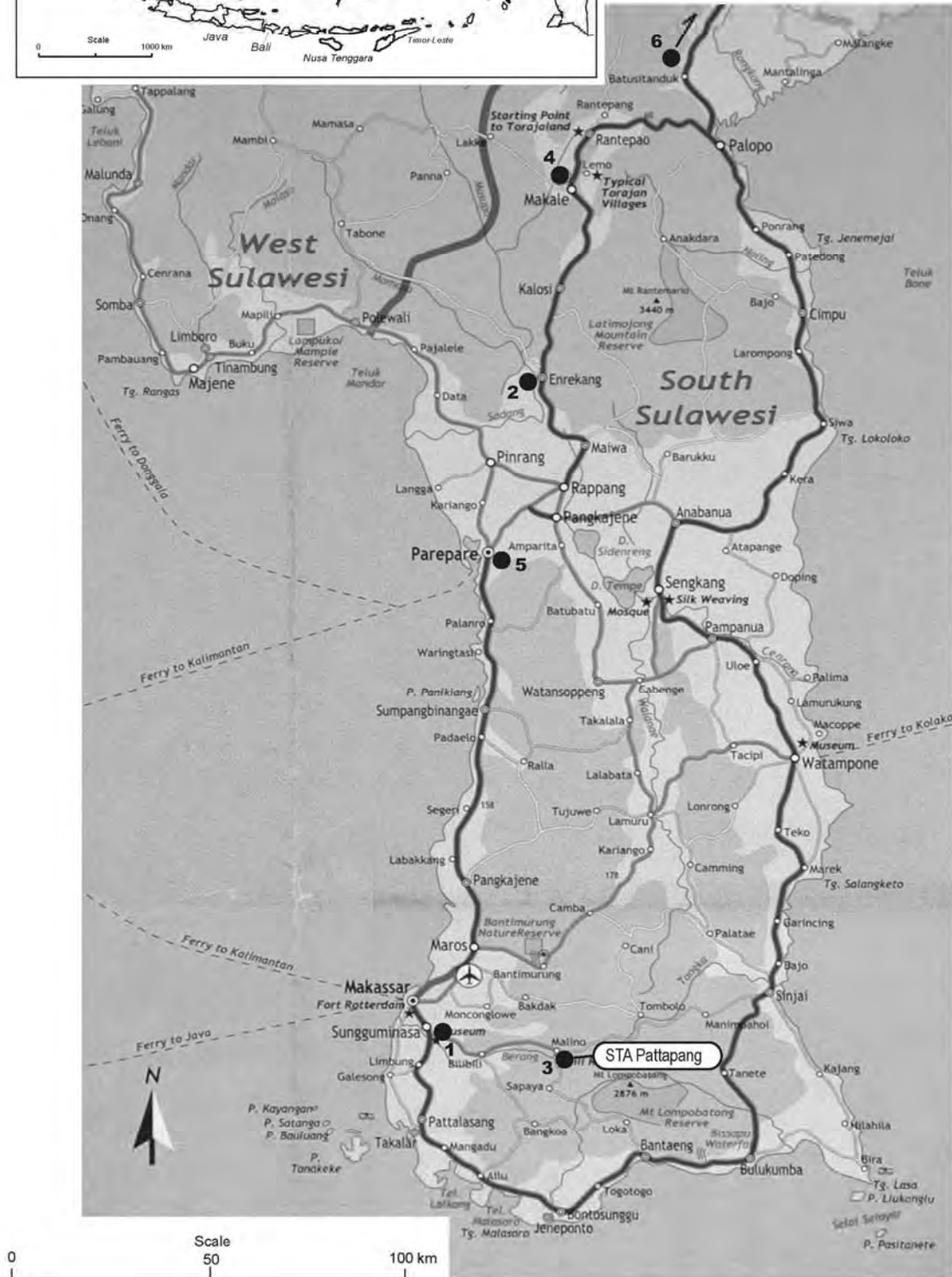
LIST OF EXISTING BUILDINGS (STA SARIBUDOLOK)										
No.	BUILDING NAME	QUANTITY	STORY	STRUCTURE	FLOOR AREA(M2)	FINISHING	UTILITY			REMARKS
							ELC.	TEL	WATER	
1	ADMINISTRATION BUILDING	1	1	RC/B	120	Roof: corrugated iron sheet Wall: Paint on cement mortar Floor: Ceramic tile	▲	▲	▲	w/Office room, Storage, Toilet
2	SELECTING SPACE(1)	2	1	S	493	Roof: Ribbed iron sheet Wall: None Floor: Cement mortar on concrete	▲	-	▲	Roof: 29m *17m, High(leaves)=6m
3	SELECTING SPACE(2)	2	1	S	299	Roof: Ribbed iron sheet Wall: None Floor: Cement mortar on concrete	▲	-	▲	Roof: 23m *12m, High(leaves)=6m
4	COOL ROOM /SELECTING ROOM	1	1	RC/B	140	Roof: Cement mortar/Roof tile Wall: Paint on cement mortar Floor: Ceramic tile	▲	-	▲	w/Toilet, Generator room (No generator)
5	SELECTING ROOM	1	1	RC/B	90	Roof: Roof tile Wall: Paint on cement mortar Floor: Ceramic tile	▲	-	▲	
6	PACKING ROOM	1	1	RC/B	120	Roof: Roof tile Wall: Paint on cement mortar Floor: Ceramic tile	▲	-	▲	
7	WAREHOUSE	1	1	RC/B	120	Roof: Roof tile Wall: Paint on cement mortar Floor: Ceramic tile	▲	-	▲	w/Toilet, Washing space *Roof is partially broken.
8	GUARDHOUSE	1	1	B	42	Roof: Corrugated iron sheet Wall: Paint on cement mortar Floor: Ceramic tile	○	-	○	
9	TOILET	1	1	B	18	Roof: Corrugated iron sheet Wall: Paint on cement mortar Floor: Cement mortar on concrete	▲	-	▲	
10	BOOTH(KIOSK)	2	1	RC/B	24	Roof: Roof tile Wall: Paint on cement mortar Floor: Cement mortar on concrete	▲	-	-	*Shatters are broken.
11	ELEVATED WATER TANK	1	2	B	4	Roof: Cement mortar Wall: Paint on cement mortar Floor: Cement mortar on concrete	▲	-	▲	*Not in use due to power-off
12	PUMP ROOM	1	1	B	2	Roof: Cement mortar Wall: Paint on cement mortar Floor: Cement mortar on concrete	▲	-	▲	*Not in use due to power-off
OUTDOOR FACILITY		COLLECTING/LOADING AREA), FENCEING , PARKING LOT, OUTDOOR LIGHT(▲), WATER TAP(▲), DRAIN DITCH, WASTE DUMP, RETAINING WALL.								
STRUCTURE:		RC:	Reinforced Concrete Structure				UTILITY:	○	Furnished	
		S:	Steel Structure					▲	Furnished, but can not be used	
		B:	Brick wall					-	Not furnished	

(3) STA Malino (Pattapang) (South Sulawesi Province)



List of STA in South Sulawesi

1. STA Capa Bungaya
2. STA Sumilan
3. STA Pattapang (Malino)
4. STA Lembang Perindingin
5. STA Soreng
6. STA Baluka



Appendices 6-2 Location Map of STA in South Sulawesi Province

LIST OF EXISTING BUILDINGS (STA PATTAPANG)										
No.	BUILDING NAME	QUAN-TITY	STORY	STRUC-TURE	FLOOR AREA(M2)	FINISHING	UTILITY			REMARKS
							ELC.	TEL	WATER	
1	ADMINISTRATION BUILDING	1	1	B W	102	Roof: Corrugated iron sheet Wall: Paint on cement mortar Floor: Ceramic tile	○	-	○	w/Toilet, Storage
2	SELECTING SPACE	1	1	RC W	343	Roof: Corrugated iron sheet Wall: Corrugated steel sheet/None Floor: Cement mortar on concrete	-	-	▲	
3	WAREHOUSE	1	1	RC/B S	84	Roof: corrugated iron sheet Wall: Paint on cemet mortar Floor: Cement mortar on concrete	○	-	-	
STRUCTURE:		RC:	Reinforced Concrete Structure			UTILITY:		○	Furnished	
		R	Brick wall					▲	Furnished, but can not be used	
		S:	Steel Roof Truss					-	Not furnished	
		W:	Wooden Roof Truss							

Appendix-6 Official Memorandum Relating to TA Development in Lampung Province

6.1 Negotiation between Lampung Province and DKI Jakarta

	PEMERINTAH PROVINSI LAMPUNG SEKRETARIAT DAERAH Jalan R.W. Monginsidi No. 69 Telp. (0721) - 481166 TELUKBETUNG 35211	<i>2011/08/10</i> <i>2011年8月10日</i> <i>from Alice Yasmien</i>
---	---	---

NOTA DINAS

Kepada Yth. : Gubernur Lampung
Dari : Asisten Bidang Perekonomian dan Pembangunan Setda Provinsi Lampung
Tanggal : 13 Mei 2011
Nomor :
Sifat : Biasa
Lampiran :
Hal : **Laporan Hasil Rapat Koordinasi tentang Rencana Pengembangan Kerjasama Terminal Agribisnis Lampung dg Provinsi DKI Jakarta**

Menindaklanjuti Surat Perintah Tugas Gubernur Lampung Nomor 825/1752/II.02/2011 dalam rangka koordinasi tentang Rencana Pembangunan Terminal Agribisnis Provinsi Lampung dengan Provinsi DKI Jakarta pada tanggal 8 Juni 2011, maka dapat kami laporkan hal-hal sebagai berikut :

I. Tujuan/Maksud Pelaksanaan Rapat Koordinasi :
Melakukan pembahasan lebih lanjut tentang konsep Nota Kesepahaman/Perjanjian Kerjasama serta ruang lingkup rencana kerjasama pengembangan Terminal Agribisnis Lampung.

II. Peserta Rapat Koordinasi:

A. Pemerintah Provinsi DKI Jakarta

1. Asisten Sekda Bidang Pemerintahan
2. Unsur Biro Tata Pemerintahan
3. Unsur Biro Hukum dan staf
4. Unsur Biro Perekonomian
5. Unsur Dinas Kelautan dan Pertanian
6. Badan Kerjasama Pengembangan Kawasan Jabodetabekur
7. Unsur BUMD

B. Pemerintah Provinsi Lampung

1. Asisten Sekda Bidang Pemerintahan
2. Asisten Sekda Bidang Ekonomi dan Pembangunan
3. Staf Ahli Gubernur Bidang Pembangunan
4. Kepala Badan Ketahanan Pangan Daerah dan staf
5. Kepala Dinas Pertanian Tanaman Pangan dan Hortikultura beserta staf
6. Unsur Bappeda
7. Unsur Dinas Koperindag

III. Hasil Rapat Koordinasi:

1. Menanggapi paparan yang disampaikan oleh Asisten Bidang Ekonomi dan Pembangunan Sekdaprov Lampung tentang Rencana Kerjasama Pengembangan Terminal Agribisnis Lampung; pihak Pemerintah Provinsi DKI Jakarta menyambut baik dan sangat mendukung rencana dimaksud dengan mempertimbangkan **manfaat yang akan diperoleh bagi Provinsi DKI Jakarta**, antara lain:

- a. Tersedianya komoditas pertanian dengan kuantitas, kualitas dan kontinuitas yang lebih terjamin.
 - b. Pengurangan volume dan dampak penumpukan sampah di pasar-pasar induk Jakarta.
 - c. Efisiensi biaya distribusi dan pemasaran produk pertanian dari Lampung dan Sumatera pada umumnya.
 - d. Meningkatnya omset Pelaku Pasar baik di Provinsi Lampung maupun di Jakarta.
 - e. Mendukung rencana Provinsi DKI Jakarta untuk membangun Terminal Agribisnis Wilayah Timur Jakarta yang semula direncanakan di Provinsi Banten.
 - f. Akselerasi implementasi Perda Provinsi DKI Jakarta Nomor: 8 Tahun 2004 tentang Pengendalian Mutu dan Keamanan Pangan Komoditas Hasil Pertanian di Provinsi DKI Jakarta.
2. Sebagai bentuk komitmen Pengembangan Terminal Agribisnis Lampung antara Pemprov Lampung dengan DKI Jakarta, Rencana Kerjasama dimaksud akan diimplementasikan sebagai bagian dari program kerjasama antar anggota MPU dalam mendukung program **Ketahanan Pangan Nasional**, yang akan dilakukan penandatanganan Nota Kesepahaman antar Gubernur pada Rapat Kerja Gubernur MPU XI tanggal 16 Juni 2011 di Provinsi DIY.
 3. Sebagai tindak lanjut penandatanganan MoU tersebut, Tim Koordinasi Kerjasama Antar Daerah secara teknis akan membahas tindak lanjut dan melakukan **Perjanjian Kerjasama** Perencanaan, Pembangunan dan Pemanfaatan Terminal Agribisnis sebagai implementasi konektivitas jalur logistik pangan Sumatra, Jawa, Bali, NTB dan NTT.
 4. Pemerintah Provinsi Lampung akan mempersiapkan penyelenggaraan rapat/pertemuan koordinasi lanjutan di Bandar Lampung, yang direncanakan pada awal bulan Juli 2011.

Demikian laporan ini kami sampaikan untuk menjadikan bahan pertimbangan dalam pelaksanaan tindak lanjutnya. Atas perhatian Bapak diucapkan terima kasih.

Asisten Bidang Perekonomian dan
Pembangunan Sekda Provinsi Lampung,



Ir. HANAN A. ROZAK, MS.
Pembina Utama Madya
NIP. 19601225 198503 1 012

(Tentative English Translation)

Official – Note

To : Governor of Lampung
From : Assistant of Economic and Development Field of Lampung Regional Secretariat
Date : May 13th, 2011
Number :
Properties : Normal
Appendix : -
Matter : **Report of Coordination Meeting about the Plan of Cooperative Development of Lampung Agribusiness Terminal with DKI Jakarta Province**

Following up Warrant of Lampung Governor Number 825/1752/II.02/2011 in coordination to the Plan of Agribusiness Terminal Development with DKI Jakarta Province on June 8th, 2011, then we can report things as follows:

I. Objective/Purpose of Coordination Meeting:

Further discussions about the concept of Memorandum of Understanding/Agreement as well as the scope of cooperation of the Lampung Agribusiness Terminal development.

II. Participants of Coordination Meeting

A. DKI Jakarta Provincial Government

1. Assistant of Regional Secretary in Governmental Field
2. Element of Governance Bureau
3. Element of Legal Bureau and staff
4. Element of Economic Bureau
5. Element of Fishery and Agriculture Bureau
6. Agency of Jabodetabekur Regional Development Cooperation
7. Element of Regional Owned Enterprises (BUMD)

B. Lampung Provincial Government

1. Assistant of Regional Secretary in Governmental Field
2. Assistant of Regional Secretary in Economic and Development Field
3. Governor's Expert Staff in Development Field
4. Chief of the Agency of Regional Food Security and staf
5. Chief of the Agriculture Agency of Food Crops and Horticulture and staf
6. Element of the Agency of Regional Planning and Development
7. Element of the Agency of Cooperative, Industry and Trade


III. Result of Coordination Meeting

1. Responding to the explanation presented by Assistant of Economic and Development Field of Lampung Province Regional Secretariat about the Plan of Cooperative Development of Lampung Agribusiness Terminal; The DKI Jakarta Provincial Government were welcoming and willing to support the referred plan by considering *benefits that would be obtained by DKI Jakarta Province*, including:
 - a. Availability of agricultural commodities with guaranteed quantity, quality and continuity.
 - b. Reduced volume and impact of waste cumulation in central markets of Jakarta.
 - c. Efficiency of distribution and marketing cost of agricultural Products from Lampung and Sumatera in general.
 - d. Increased turnover for market actors both in Lampung Province and Jakarta
 - e. Supporting the plan of DKI Jakarta Province to build Agribusiness Terminal on East Area of Jakarta which originally planned on Banten Province.
 - f. Acceleration of implementation of DKI Jakarta Province's Regional Regulation (Perda) Number: 8 Year 2004 about Quality Control and Food Safety of Agricultural Products Commodities in DKI Jakarta Province.
2. As a form of commitment of Agribusiness Terminal Development between Lampung and DKI Jakarta Provincial Government, the referred Cooperation Plan will be implemented as part of cooperation program among the Main Township Partner (MPU) in supporting the *National Food Security* program, which the signing of Memorandum of Understanding between Governor will be done at XI MPU Governors Working Meeting on June 16th, 2011 in DI Yogyakarta Province.
3. As a follow up to the MoU signing, Coordinating Team of Cooperation between Regions technically will discuss the follow up and make *Cooperation Agreement of Planning, Development and Utilization of Agribusiness Terminal* as an implementation to food logistics line connectivity of Sumatera, Jawa, Bali, NTB and NTT.
4. Lampung Provincial Government will prepare the advanced coordination meeting activities in Bandar Lampung, which is planned on early July 2011.

Thus we submit this report as base of consideration for further implementation. Thank you for your attention.

Assistant of Economic and Development Field
of Lampung Province Regional Secretariat

6.2 Public Consultation for Private Land Owners in Penengahan

	PEMERINTAH PROPINSI LAMPUNG SEKRETARIAT DAERAH Jalan W.R. Monginsidi No. 89 Telp. (0721) 481166 TELUKBETUNG - BANDAR LAMPUNG 35215	2011/08/09 From Asset Bureau
NOTA - DINAS		
計(回)公報会(6/30) のM/M		
Kepada Yth	: Gubernur Lampung Melalui Sekretaris Daerah Provinsi Lampung	
D a r i	: Pj. Kepala Biro Perlengkapan dan Aset Daerah Setda Provinsi Lampung	
Tanggal	: 30 Juni 2011	
Nomor	: 028/1163/10/2011	
Sifat	: Penting	
Lampiran	: -	
Hal	: Laporan Hasil Inventarisasi dan Sosialisasi terhadap Pemilik Tanah Dalam Rangka Pengadaan Tanah untuk Pengembangan Menara Siger dan Terminal Agribisnis	

Berdasarkan Surat Perintah Tugas Nomor : 800/1060/10/2011 Tanggal : 13 Juni 2011 dalam rangka inventarisasi dan sosialisasi kepada pemilik lahan yang akan dibebaskan untuk Terminal Agribisnis dan Menara Siger di Kalianda, dengan laporan sebagai berikut:

1. Telah dilaksanakan Inventarisasi dan sosialisasi terhadap pemilik tanah dalam rangka pengadaan tanah untuk pengembangan Menara Siger dan Terminal Agribisnis oleh Tim Pengadaan Tanah yang beranggotakan unsur Biro Perlengkapan dan Aset Daerah, Dinas Pertanian Tanaman Pangan dan Hortikultura, Biro Hukum, Dinas Pengairan dan Pemukiman Provinsi Lampung, Kanwil BPN Provinsi Lampung dan Kantor Pertanahan Kabupaten Lampung Selatan.
2. Untuk pemilik tanah di lingkungan area rencana pengembangan menara siger:
 - a. Hasil Sosialisasi:

Rencana lahan perluasan menara siger diperkirakan akan melampaui 3 unit rumah penduduk pada sisi kiri depan gerbang masuk menara siger. 2 unit rumah = 1 orang pemilik an. Nuryanto dan 1 unit rumah lainnya an. Sunarto setelah dilakukan sosialisasi, mereka menyatakan persetujuannya dengan rencana pengembangan Menara Siger dan bersedia lahannya dijual kepada Pemerintah Provinsi Lampung yang diwujudkan dalam surat pernyataan kesediaan menjual lahan kepada Pemerintah Provinsi Lampung dengan harga yang diinginkan masyarakat.
 - b. Hasil Inventarisasi :

Dari 3 unit rumah yang ada, 2 unit rumah dengan 1 pemilik an. Nuryanto dan 1 unit rumah an. Sunarto dengan hasil inventarisasi sebagai berikut :

 1. Sdr. Nuryanto yang diperoleh dari pembelian, harga yang diinginkan oleh pemilik Rp. 250.000.000,- (dua ratus lima puluh juta rupiah)
 2. Sdr. Sunarto seluas 110 M2 dengan surat kepemilikan akta jual beli. harga yang diinginkan oleh pemilik Rp. 120.000.000,- (seratus dua puluh juta rupiah)
 - c. Untuk pemilik tanah pada area Terminal Agribisnis :
 - a. Hasil sosialisasi :

Rencana pengadaan tanah untuk terminal agribisnis pada TA. 2011 meliputi lahan dimiliki oleh Pemerintah Provinsi Lampung yang digunakan oleh Dinas Perhubungan Provinsi Lampung (eks lembatan timbang) seluas 18.860 M2 serta tanah yang digunakan

land owners (1).

terdapat 2 (dua) bidang tanah yang di atasnya terdapat bangunan rumah tinggal yaitu an. Sdr. Ikhsan dan Sdr. Kasim. 9 orang pemilik lainnya berupa lahan kosong dan kebun yang belum dapat ditemui pemiliknya karena pada umumnya berdomisili di luar kota. Telah dilakukan pendekatan personal oleh tim terhadap 2 (dua) orang pemilik rumah tersebut (Sdr. Ikhsan dan Sdr. Kasim). Mereka menyatakan bahwa mereka telah tinggal puluhan tahun secara turun temurun di tanah tersebut. Mereka menolak menerima uang tali asih/kerohiman dari Pemda Provinsi Lampung. Sebagai gantinya mereka meminta untuk diberikan rumah dan lahan di lokasi lain sebagai pengganti rumah dan lahan mereka saat ini yang akan digunakan untuk area terminal agribisnis. hal tersebut dikarenakan mereka memperkirakan uang yang akan diberikan sebagai ganti rugi/tali asih tidak dapat mencukupi untuk membeli rumah dan lahan pengganti sebagaimana rumah dan lahan yang mereka tempati saat ini.

b. Hasil inventarisasi sebagai berikut:

- 1) Tanah yang digunakan oleh Dinas Perhubungan Provinsi Lampung yaitu eks jembatan timbang seluas 18.860 M²
 - 2) Tanah yang digunakan oleh Dinas Kehutanan Provinsi Lampung yaitu pos kehutanan seluas 230 M²
 - 3) Tanah milik Sdr Ayub berupa kebun coklat, kelapa, kayu, medang dan pisang
 - 4) Tanah milik Sdr ikhsan seluas ± 0,25 Ha tanpa surat kepemilikan tanah (tanah warisan). Diatas tanah tersebut terdapat 1 (satu) unit rumah yang dibangun tahun 1986, kuburan keluarga dan tanam tumbuh yang terdiri dari 3 pohon mangga, 2 pohon rambutan, 1 pohon jambu air, 1 pohon jambu biji, 5 pohon melinjo, 13 pohon kelapa, 2 pohon cengek dan pisang.
 - 5) Tanah milik Sdr Kasim seluas ± 325 M² tanpa surat kepemilikan tanah (tanah warisan). Diatas tanah tersebut terdapat 1 (satu) unit rumah yang dibangun tahun 1986 dan tanam tumbuh yang terdiri dari 4 pohon mangga, 1 pohon sukun, 1 pohon jambu air, 1 pohon kedondong, 2 pohon melinjo, 2 pohon kelapa dan pisang.
 - 6) Tanah milik Sdr. Syarifudin seluas ± 0,6 Ha berupa kebun jagung manis. Panen diperkirakan bulan juli 2011 dan tanaman pisang yang baru ditanam ± 100 batang
 - 7) Tanah milik Sdr. Latief seluas ± 0,75 Ha berupa kebun coklat
 - 8) Tanah milik sdr. Syafei seluas ± 0,75 Ha berupa kebun coklat, kelapa, melinjo dan pisang
 - 9) Tanah milik Sdr. Yamin seluas ± 1,3 Ha yang ditanami jagung seluas 1 Ha
 - 10) Tanah milik ibu Bambang seluas ± 4,2 Ha berupa tanah kosong dengan pengerasan
 - 11) Tanah milik Sdr. Kuniyit seluas ± 2 Ha berupa sawah dan kebun kelapa, durian, kayu medang dan pisang
 - 12) Tanah milik Sdr. Tuher berupa kebun coklat, kelapa, kayu, medang dan pisang
 - 13) Tanah milik Sdri. Nurmala berupa kebun kelapa dan coklat
3. * Telah dilakukan penaksiran nilai dan harga bangunan oleh Dinas Pengairan dan Pemukiman Provinsi Lampung pada lokasi perluasan menara siger dan terminal agribisnis dengan hasil sebagaimana terlampir

Demikian laporan kami, terimakasih.

Yb. Pp Achon

17/7/2011

Th. P. Gubernur

**Fj. KEPALA BIRO PERLENGKAPAN
DAN ASET DAERAH,**

THE ATTORNEY GENERAL

(Tentative English Translation)

Official – Note

To : Governor of Lampung
Through the regional secretary of Lampung province

From : PIC. Chief of bureau of regional assets and facilities of Lampung Regional Secretariat

Date : June 30th, 2011

Number : 028/1163/10/2011

Properties : Essential

Appendix : -

Matter : Report of Inventory and Socialization to Land owners for Land Procurement for the Development of Siger Tower and Agribusiness Terminal

According to Warrant number: 800/1060/10/2011 dated: Juni 13th, 2011 in order to inventory and socialization to owners of land that want to be procured for the Development of siger tower and agribusiness terminal in Kalianda, with the report as follows:

1. It has already conducted an inventor and socialization to landowners for land procurement for the development of siger tower and agribusiness terminal by land procurement team consisting Bureau of Regional Assets and Facilities, Agriculture Department of Food Crops and Horticulture, Law Firm, Agency of Watering and Settlement of Lampung Province, Provincial Offices of the National Land Agency of Lampung Province and District Land Office of South Lampung.
2. For landowners in the area planned for development of siger tower
 - a. Socialization result:

The land expansion plan of siger tower is expected to pass through 3 residential units on on the front left side of the siger tower's entrance. 2 housing unit = 1 owner in the name of Nuryanto and 1 other housing unit in the name of Sunarto, after the socialization, they expressed their agreement with siger tower expansion plan and are willing to sell their land to the Lampung Provincial Government, embodied in a willingness statement to sell their land to the Lampung Provincial Government at a price wanted by the public.
 - b. Inventory result:

From the 3 existing housing unit, 2 housing unit with 1 owner in the name of Nuryanto and 1 housing unit in the name of Sunarto, the inventory results are as follows:

 1. Mr. Nuryanto's land which was purchased through buying process, the price wanted by the owner was Rp. 250.000.000,- (two hundred and fifty million rupiah)

2. Mr. Sunarto' land of 110 m² with deed of sale, the price wanted by the owner was Rp. 120.000.000,- (one hundred and twenty million rupiah)
- c. For land owner in the area of Agribusiness terminal
- a. Socialization result:
 Plan of land procurement for Agribusiness terminal on FY 2011 consists of land owned by Lampung Provincial Government which is used by the Agency of Transportation of Lampung Province (ex weighbridge) covering 18.860 m², and in the land used there are 2 (two) parcels of land on which there are residential buildings which owned by Mr. Ikhsan and Mr. Kasim. 9 other lands are of vacant lands and orchards whose owners have not met because they reside out of town. Personal approach has been carried out by the team to the 2 (two) house owners (Mr Ikhsan and Mr. Kasim). They stated that they have lived for decades in that lands. They refused to accept the compensation money from Lampung Provincial Government. Instead they asked for house and land in other area as a replacement for their house and land that will be used for agribusiness terminal. This is because they think that the compensation money will not be sufficient for buying house and land like theirs right now.
 - b. Inventory results are as follows:
 - 1) Land used by Agency of Transportation of Lampung Province which is ex weighbridge covering 18.860 m²
 - 2) Land used by Agency of Forestry of Lampung Province which is a forestry post covering 230 m²
 - 3) Land owned by Mr. Ayub which is estate for cocoa, coconut, wood, medang and banana
 - 4) Land owned by Mr. Ikhsan covering ± 0,25 hectare without letter of land ownership (inherited land). On that land there are 1 (one) unit of house built on 1986, family cemetery and 3 manggo Trees, 2 rambutan Trees, 1 water guava tree, 1 guava tree, 5 melinjo (Gnetum gnemon) Trees, 15 coconut Trees, 2 banana and clove Trees.
 - 5) Land owned by Mr. Kasim covering ± 352 m² without letter of land ownership (inherited land). On that land there are 1 (one) unit of house built on 1986, 4 manggo Trees, 1 breadfruit Tree, 1 water guava tree, 1 amra tree, 2 melinjo (Gnetum gnemon) Trees, 15 coconut Trees, 2 banana and coconut Trees
 - 6) Land owned by Mr. Syarifudin covering ± 0,6 hectare of corn estate. The harvest is expected in July 2011 and new planted banana Trees ± 100 trees
 - 7) Land owned by Mr. Latief covering ± 0,75 hectare of cocoa estate
 - 8) Land owned by Mr. syafei covering ± 0,75 hectare of cocoa, coconut, melinjo and banana estate

- 9) Land owned by Mr. Yamin covering ± 1,3 hectare consists of 1 Hectare of cocoa estate
 - 10) Land owned by Mrs. Bambang covering ± 4,2 hectare of vacant land
 - 11) Land owned by Mr. Kunyit covering ± 2 hectare consists of rice field and coconut, durian, wood, medang and banana estate
 - 12) Land owned by Mr. Tuher consists of cocoa, coconut, wood, medang and banana estate
 - 13) Land owned by Mrs. Nurmala consists of cocoa, coconut estate
3. Building Value and price assessment has been conducted by agency of watering and settlement of Lampung province in the expansion area of siger tower and agribusiness terminal with the results as attached

That is all our report, thank you.

PIC. CHIEF OF BUREAU OF
REGIONAL ASSETS AND FACILITIES

Appendix-7 Detailed Data for Project Evaluation

7.1 Economic Benefit

Reduction of damage loss						
Banana damage loss improvement ^{*1}	3 %					
Banana financial wholesale price	3,200 Rp/kg					
Banana economic wholesale price	2,880 Rp/kg					
Value of reduction of loss	86.4 Rp/kg					
Target daily transaction volume of banana	386 ton/day					
Total days in a year	365 days					
Annual economic value	12,173 million Rp/year					
Time saving ^{*2}						
Time saving of banana collectors by TA	1 day/collectors					
Opportunity cost for saved time by banana collectors	40,909 Rp/day					
Number of banana collectors expected to be in the new TA	92 module=collectors					
Total saved days in a year ^{*3}	183 days					
Annual economic value	689 million Rp/year					
Compost Production						
Production of compost ^{*4}	1 ton/day					
Annual production of compost	365 ton/year					
Financial value of compost	600 Rp/kg					
Economic value of compost	540 Rp/kg					
Annual economic value	197 million Rp/year					
Sub-total of the above three economic benefits	13,059 million Rp/year					
Quality improvement from high value banana						
Daily production of high value banana ^{*5}	4.1 ton/day					
Total days in a year	365 days					
Wholesale price of high value banana	10,342 Rp/kg					
Economic term of wholesale price of high value banana	9,308 Rp/kg					
Annual economic value	13,930 million Rp/year					
Waste reduction in Jakarta ^{*6}						
Area assumed for landfill	1.5 ha					
NJOP land price in potential landfill for Jakarta ^{*7}	800,000 Rp/m ³					
NJOP land price in potential landfill for New TA ^{*8}	480,000 Rp/m ³					
Saved value for assumed landfill	4,320 million Rp/very lifetime of landfill					
Assumed life of landfill in case of the size mentioned above	4 year					
Prepared by JICA Study Team						
*1: Banana is an major commodity, therefore reduction of loss for only banana is taken for this evaluation. Currently, three percent of banana is damaged and becomes loss. Under with-project condition, three percent of loss is assumed to be eliminated by introducing packaging.						
*2: By this TA, collectors are assumed not to have to wait for banana until volume of banana become 5-7 ton as one-truck volume which is able to be dispatched to Jakarta. Opportunity cost can be salary of collectors (high school qualification is used for salary calculation)						
*3: One day out of current two days is saved.						
*4: One ton per day is the capacity of the production of compost by the Project.						
*5: With the proposed capacity of cold storage in the TA, 4.1 ton of processed banana with 17degree for two days can be produced every day						
*6: Calculated based on 50 ton of wastes per day from the new TA						
*7: Estimated land value as base of tax payment as of 2011 at West Jakarta						
*8: Estimated land value as base of tax payment as of 2011 at Kalianda						

7.2 Economic Cash Flow and Internal Rate of Return

Unit: million Rp						
Year	Const Cost	O&M Cost	Replacement	Total Cost	Benefit	Balance
1	2012	3,508		3,508	0	-3,508
2	2013	50,169		50,169	0	-50,169
3	2014	70,218		70,218	0	-70,218
4	2015	5,781	2,776	8,557	16,595	8,038
5	2016		3,155	3,155	17,248	14,092
6	2017		3,535	3,535	17,901	14,366
7	2018		4,295	4,295	19,207	14,912
8	2019		6,574	6,574	23,124	16,551
9	2020		9,612	9,612	28,348	18,736
10	2021		9,612	10,061	19,673	32,668
11	2022		9,612	9,612	28,348	18,736
12	2023		9,612	9,612	28,348	18,736
13	2024		9,612	9,612	28,348	18,736
14	2025		9,612	9,612	32,668	23,056
15	2026		9,612	9,612	28,348	18,736
16	2027		9,612	9,612	28,348	18,736
17	2028		9,612	9,612	28,348	18,736
18	2029		9,612	9,612	32,668	23,056
19	2030		9,612	9,612	28,348	18,736
20	2031		9,612	10,061	19,673	28,348
129,676						
					Economic IRR	9.7%
Net Present Value at 9% Discount Rate						
		Cost	Benefit	Balance	B/C	
Rp Million		156,123	161,660	5,538	1.04	
		(Decrease)		Cost	(Increase)	
		-20%	-10%	0%	+10%	+20%
(Increase)	+20%	18.5%	15.9%	13.6%	/	/
	+10%	16.5%	14.0%	11.7%	/	/
Benefit	0%	14.4%	11.9%	9.7%	7.7%	5.9%
	-10%	/	/	7.5%	5.5%	3.7%
	-20%	/	/	5.0%	3.0%	1.0%

Prepared by JICA Study Team

7.4 Budget Analysis for Typical Banana Wholesalers

Net Sales						
1 wooden box		18 kg of banana				
item	Unit cost	Unit	Quantity	Cost	Selling price (Rp)	Margin (Rp)
Plastic	1,000	Rp/pcs	1	1,000		
Box	5,000	Rp/nos	1	5,000		
Labor	5,000	Rp/l.s.	1	5,000		
Banana	2,500	Rp/kg	18	45,000		
transportation from Lampung to Jakarta (including weight of box)	250	Rp/kg	21	5,250		
Total (/Box)				61,250	70,000	8,750
Total (/banana kg)				3,403	3,889	486
1 wholesaler is assumed to use 1 module (6 banana booths including washing and grading, packaging), 1 booth=24m ² , 1 module= 144m ²)						
Transaction volume of banana			4.2	ton/module/day		
Transaction volume of box			233	boxes/day/module/wholesaler		
Net sales (margin) per day			2,038,750	Rp/day/module/wholesaler		
Net sales per year			744	million Rp/module/wholesaler		
<u>Cost for the new TA by a wholesaler</u>						
Rental fee of booth			400,000	Rp/m ² for one year		
Rental fee for one module			57,600,000	Rp/module/year		
Fee for weight			30	Rp/kg		
Transaction volume of banana			4.2	ton/module/day		
Fee for weight per day			126,000	Rp/module/day		
Fee for weight per year			45,990,000	Rp/module/year		
Car parking fee			2,000	Rp/car (assuming 3 ton pick up truck)		
Transaction volume of banana per year			1,533	ton/module/year		
Car number to bring banana into the TA			511	cars for one module/year		
Car parking fee per year			1,022,000	Rp/module/year		
Necessary electricity charge			346,927,164	Rp/month/whole TA		
Total net stocking area			15,053	m ²		
Necessary electricity charge per m ² per day			768	m ² /day		
Electricity charge per m ² per day			1,000	m ² /day		
Electricity charge per module per year			52,560,000	Rp/module/year		
All cost for the TA			157	million Rp/module/wholesaler		
<u>Net Benefit of Typical Wholesalers in TA</u>			<u>587</u>	<u>million Rp/module/wholesaler</u>		
<i>Prepared by JICA Study Team</i>						

Appendix-8 References

No	Title	Form Book/Video Map/Photos	Original /Photocopy	Publisher	Issues in
	Agriculture				
1	LAMPUNG DALAM ANGKA 2010	Book	Original	BAPPEDA , Lampung Province	2011
2	PERATURAN DAERAH PROVINSI LAMPUNG NOMOR 1 TAHUN 2010	Book	Original	Food Crop and Horticulture Agency, Lampung Province	2011
3	PANDUAN UMUMU OPERASIONAL STA	Book	Original	Food Crop and Horticulture Agency, Lampung Province	
4	ENVIRONMENTAL STATISTICS OF INDONESIA	Book	Original	Ministry of Environment	
5	WEEKLY PRICE SERIES/Retail Price of Several Essential Commodities of Provincial City in Indonesia (July-December 2004)	Book	Original	Ministry of Agriculture (MOA)	2005
6	WEEKLY PRICE SERIES/Retail Price of Several Essential Commodities of Provincial City in Indonesia (July-December 2007)	Book	Original	MOA	2008
7	WEEKLY PRICE SERIES/Retail Price of Several Essential Commodities of Provincial City in Indonesia (January-June 2008)	Book	Original	MOA	2009
8	WEEKLY PRICE SERIES/Retail Price of Several Essential Commodities of Provincial City in Indonesia (July-December 2008)	Book	Original	MOA	2009
9	Media Informasi Pertanian, Provinsi Banten	Book	Original	Banten Province	
10	STATISTICAL YEAR BOOK OF INDONESIA 2002	Book	Original	BADAN PUSAT STATISTIK (BPS)	2003
11	STATISTICAL YEAR BOOK OF INDONESIA 2004	Book	Original	BADAN PUSAT STATISTIK (BPS)	2005
12	STATISTICAL YEAR BOOK OF INDONESIA 2008	Book	Original	BADAN PUSAT STATISTIK (BPS)	2009
13	The Wholesale Price Indices of Indonesia	Book	Original	MOA	
14	PERHUBUNGAN LAMPUNG DALAM ANGKA TAHUN 2009	Book	Original	Lampung Province	2010
15	PROFIL SUB TERMINAL AGRIBISNIS SIMALUNGUN	Book	Photocopy	Kabupaten Simalungun, North Sumatra	
16	PRODUKSI TANAMAN SAYURAN DAN BUAH-BUAHAN PROVINSI LAMPUNG TAHUN 2007	Book	Photocopy	Food Crop and Horticulture Agency, Lampung Province	2008
17	GENERAL OPERATING GUIDELINES FOR AGRIBUSINESS SUB-TERMINAL Edition1	Book	Photocopy	MOA	
18	ON THE DEVELOPMENT OF CENTRAL MARKET & SUPPORING MARKET	Paper	Photocopy	Ministry of Trade	
19	STRATEGIC PLANNING DIRECTORATE GENERAL OF PROCESSING AND MARKETING FOR AGRICULTURAL PRODUCT 2005-2009	Paper	Photocopy	MOA	
20	PATTERN ON INSTITUTION DEVELOPMENT FOR MARKETING SERVICE OF AGRICULTURAL CROP AGRIBUSINESS TERMINAL AND SUB-TERMINAL	Paper	Photocopy	MOA	
21	THE STUDY ON IMPROVEMNET OF INSTITUTIONS AND INFORMATION SYSTEMS FOR AGRICULTURE PRODUCT MARKET IN THE REPUBLIC OF INDONESIA	Book	Original	JICA	
22	ASEAN STANDARD FOR FRUITS	Paper	Photocopy	ASEAN ECONOMIC COMMUNITY	
23	ASEAN STANDARD FOR VEGETABLES	Paper	Photocopy	ASEAN ECONOMIC COMMUNITY	
24	RUBBER, VULCANIZED RO THERMOPLASTIC-Determination of tensile-strain properties	Paper	Photocopy	Stander Nasional Indonesia	
25	Formulation Study for STA Operational/Management Standardization Implementation Manual 2010	Paper	Photocopy	Lampung Provincial Gov. Agriculture Food Crops and Horticulture Office.	
26	STANDARD OPERATIONAL PROCEDURES FOR CHILLI PROCESSING	Paper	Photocopy	Directorate Agriculture Product processing	
27	Regulation of the Government of the Republic of Indonesia Num,54of 2005,	Paper	Photocopy	MOF	2006
28	AGRIBUSINESS TERMINAL DEVELOPMENT PLAN	Paper	Photocopy	Lampung Provincial Gov.	
29	PRODUKSI TANANAM SAYURAN DAN BUAH-BUAHAN PROVINSI LAMPUNG 2008	Book	Photocopy	Lampung Provincial Gov.	2009
30	PRODUKSI TANANAM SAYURAN DAN BUAH-BUAHAN PROVINSI LAMPUNG 2006	Book	Photocopy	Lampung Provincial Gov.	2007
31	AGRICULTURE REVITALIZATION PROGRAM FOR FOOD PRODUCT AND HORTICULTURE	Book	Photocopy	Lampung Provincial Gov.	
32	PROFIL SUB TERMINAL AGRIBIS (STA) MANTUG-PUJON	Book	Photocopy	PEMERINTAH KABUPATEN MALANG	

No	Title	Form Book/Video Map/Photos	Original /Photocopy	Publisher	Issues in
33	DINAS PERTANIAN DAN PERKABUNAN KABUPATEN MALANG 2010	Book	Photocopy	STA MANTUNG	2011
34	DINAS PERTANIAN DAN PERKABUNAN KABUPATEN MALANG 2011	Book	Photocopy	STA MANTUNG	2011
35	DATABASE PIP KOMODITAS TANAMAN PANGAN DAN HOTIKULTURA 2010	Paper	Photocopy	MOA	2011
36	DATABASE PIP KOMODITAS PERKEBUNAN 2010	Paper	Photocopy	MOA	2011
37	QUALITY CONTROL AND SAFETY OF AGRICULTURAL COMMODITIES IN THE PROVINCE SPECIAL DISTRICT CAPITAL JAKARTA	Book	Original	PROVINCIAL GOVERNMENT OF SPECIAL CAPITAL JAKARTA	
38	FINAL PEPORT OF FEASIBILITY STUDY ON THE DEVELOPMENT OF AGRIBUSINESS TERMINAL	Book	Photocopy	AGRICULTURAL AND LIVESTOCK AGENCY, PROVINCE OF BANTEN	
39	KAMI SIAP MELAYANI INFORMASI PASAR KOMODITAS PERTANIAN TERKINI UNTUK ANDA	Book	Original	DIREKTORAT JENDERAL PENGOLAHAN DAN PEMASARAN HASIL PERTANIAN DEPARTEMENT PERTANIAN	
40	AGRICULTURE SURVEY AGRICULTUER MACHINE, FOOD PLAN	Paper	Photocopy	Lampung Provincial Gov.	
41	STRATEGIC PLAN FOR LAMPUNG TA DEVELOPMENT	Book	Photocopy	Lampung Provincial Gov.	
42	Survey dan Kajian Lokasi Pembangunan Terminal Agribisnis Provinsi Lampung	Book	Photocopy	JICA Indonesia	
43	FEASIBILITY STUDY ON AGRIBUSINESS TERMINAL DEVELOPMENT IN LAMPUNG PROVINCE (English/ Indonesian)	Book	Photocopy	Lampung Provincial Gov.	2008
44	THE DEVELOPMENT OF INTERNATIONAL AGRIBUSINESS TERMINAL (ITA) LAMPUNG (English/ Indonesian)	Paper	Photocopy	Lampung Provincial Gov.	
45	LOCATION SURVEY AND STUDY DEVELOPMENT OF AGRIBUSINESS TERMINAL IN LANPUNG PROVINCE (English/ Indonesian)	Paper	Photocopy	Lampung Provincial Gov.	
46	Optimization of the Role of PIKJ outlet in developing fair trade transaction to aim the food Security in DKI	Book	Photocopy	Klinik Bisnis UMKM BDS Harmini	
47	Security management system for the supply chain – Best practices for implementing supply chain security, assessments and plans – Requirements and guidance	Paper	Photocopy	SNI	
48	PACKING HOUSE REGISTRATION	Paper	Photocopy	Keamanan Pangan Pusat	
49	The number of TA / STA in the Indonesian version of site	Paper	Photocopy	MOA	
50	MOA organization chart	Paper	Photocopy	MOA	
51	Buku pedoman penilaian kebun buah prima tiga	Paper	Photocopy	Lampung Provincial Gov.	
	Environmental and Social Consideration				
1	Pedoman Penyusunan Analisis mengenai Dampak Lingkungan Hidup (EIA related regulation)	Book	Original	Ministry of Environment	
2	Pedoman Penyusunan Analisis mengenai Dampak Lingkungan Hidup (What is EIA)	Book	Original	Ministry of Environment	
3	EIA手続きフロー	Paper	Photocopy	Ministry of Environment	
4	Pengendalian Pencemaran Udara industri Manufaktur, Prasarana dan Jasa (産業関連環境基準(騒音、悪臭等))	Book	Original	Ministry of Environment	
5	Engendalian Pencemaran Udara industri Manufaktur, Prasarana dan Jasa (産業関連環境基準(水質、排水等))	Book	Original	Ministry of Environment	
6	Peraturan Menteri Negara Lingkungan Hidup Nomor 05, 2008, Tata kerja Komisi Penilai Analisis mengenai Dampak Lingkungan Hidup (EIA手続き等に係る関規定)	Book	Original	Ministry of Environment	
	East Jawa				
1	Profil Sub Terminal Agribis (STA) Mantung-Pujon	Book	Photocopy	STA Mantung	
	South Sulawesi				
1	Statistik Pertanian 2009	Paper	Photocopy	Food Crops and Horticulture Agency, South Sulawesi Province	2010
2	Gowa Dalam Angka 2010	Paper	Photocopy	Statistic Agency, Gowa Regency	2011

No	Title	Form Book/Video Map/Photos	Original /Photocopy	Publisher	Issues in
3	Laporan Keuangan PD.Agribisnis Per 31 Desember 2010	Paper	Photocopy	STA Cappa Bungaya	2011
4	Laporan Perkembangan Sub Terminal Agribisnis (STA) Kabupaten Gowa	Paper	Photocopy	Agricultural Agency, Gowa Regency	
	North Sumatra				
1	Pertanian Dalam Angka Provinsi Sumatera Utara 2009	Book	Original	Agriculture Agency, North Sumatra	2010
2	Buku Lima Tahun Statistik Pertanian 2005-2009	Book	Original	Agriculture Agency, North Sumatra	2010
3	Simalungun Dalam Angka 2009	Paper	Photocopy	Statistic Agency, Simalungun Regency	2010

