

Tables

Table F-1 Major Agricultural Products Sold in Market and their Origin

| Local | From Other Provinces | From Vietnam | From Thailand |
|----------------|-----------------------|--------------------|---------------|
| Green chilly | <u>K. Cham:</u> | Pineapple | Orange |
| Chilly | White root | Apple (from China) | Tamarind |
| Egg Plant | Sweet potato | Sapodilla | Mango |
| Cucumber | Sugar cane | Tomato | |
| Tomato | Banana | Orange | |
| Leek | <u>Kandal:</u> | Longan | |
| Mustard Green | Sapodilla | Grape | |
| Pumpkin | Big gourd | Rose apple | |
| Papaya | Bitter gourd | Tamarind | |
| Tamarind | String bean | Potato | |
| Tamarind leaf | Apple yam | Onion | |
| Sponge gourd | Small taro | Cabbage | |
| Bitter gourd | Small egg plant | Carrot | |
| Gourd | Parsley | Garlic | |
| Pea | Sweet potato | Lime | |
| Peppermint | Taro | Ginger | |
| Ginger | <u>Kampot:</u> | Red chilly | |
| Bean sprout | Pumpkin | Lettuce | |
| Lettuce | Small taro | Chinese cabbage | |
| Radish | <u>K. Chnaing:</u> | Banana | |
| Small mango | Cucumber | | |
| Small cabbage | (White triangle root) | | |
| Cauliflower | <u>Phnom Penh:</u> | | |
| Banana | Fish | | |
| Water spinach | | | |
| Pumpkin flower | | | |
| Caraway | | | |
| Water melon | | | |
| Pig | | | |
| Pork meat | | | |
| Chicken | | | |
| Duck | | | |
| Fish | | | |
| Beef | | | |
| Rice | | | |

Table F-2 Market Price of Agricultural Products

| Agricultural Products | Unit | Farm-gate Price | Wholesale Price | Markets in Study Area | Takeo Market | Origin | |
|--------------------------|--------------|-----------------|-----------------|-----------------------|--------------|-------------|----------|
| Grain | | | | | | | |
| Paddy | Local | kg | 300-400 | 400-460 | 350-450 | 450-500 | Local |
| | IR | kg | 230-350 | 300-450 | 280-340 | 460-510 | Local |
| White Rice | Mixed IR | kg | | 652 | 600-700 | 600-700 | Local |
| | | kg | | 450-600 | 500-630 | 500-630 | Local |
| Rice bran | | kg | 250 | 407 | 300 | 300 | Local |
| Maize | White Yellow | kg | | | 1,200 | 1,200 | Local |
| | | kg | 600 | 1,000-1,500* | 1,500-2,000 | 1,500-2,000 | Local |
| Soybean | | kg | 1,200 | | 1,600-1,800 | 1,500-1,800 | Vietnam |
| Groundnut(without shell) | | kg | 1,300 | 1,800-2,000* | 2000-2,500 | 2,500-2,700 | Local |
| Mungbean | | kg | 1,400 | 1,600-2,400* | 2,200-2,800 | 2,50-2,450 | Local |
| Sesame | | kg | 1,800 | 2,500-3,500* | 3,000-4,000 | 3,075-4,050 | Local |
| Tuber crop | | | | | | | |
| Sweet-poteto | | kg | 250 | | 400 | 250-400 | Vietnam |
| Cassava | | kg | 350 | | 580 | 450-700 | Local |
| Taro | | kg | | | 650 | 500-550 | Via P.P. |
| Vegetables | | | | | | | |
| Tomato | | kg | 700 | | 1,200-1,600 | 725-2,100 | Via P.P. |
| Cucumber | | kg | 450 | | 500-800 | 425-1,350 | Local |
| Eggplant | | kg | 500 | | 500 | 500 | Local |
| Pumpkin | | kg | 300 | | 100-300 | 500 | Local |
| Bitter gourd | | kg | 700 | | 1,200 | 1,000 | Local |
| Yard long bean | | kg | 600 | | 800 | 1,000 | Local |
| Kangkung | | kg | 300 | | 420 | 300-425 | Local |
| Salada | | kg | 1,100 | | 2,000 | 2,500 | Local |
| Chinese kale | | kg | 900 | | 1,000-2,600 | 875-3,500 | Local |
| String bean | | kg | 800 | | 500-1,400 | 500-1,600 | Local |
| Lemon grass | | kg | 300 | | 300 | 500 | Local |
| Leek | | kg | 900 | | 800 | 800-900 | Local |
| Cabbage | | kg | | | 1,100-1,500 | 850-1,430 | Vietnam |
| Cauliflower | | kg | | | 2,500-3500 | 1,975-5,450 | Vietnam |
| Pumpkin | | kg | 450 | | 100-600 | 100-700 | Local |
| Chili | | kg | 1,000 | | 800-1,000 | 1,000 | Local |
| Garlic | | kg | | | 2,500 | 2,400 | Vietnam |
| Onion | | kg | | | 1,200 | 1,200 | Vietnam |
| Leaf onion | | kg | 1,000 | | 1,500 | 1,500 | Local |
| Red small onion | | kg | | | 2,000 | 2,000 | Vietnam |
| Carrot | | kg | | | 2500-3,700 | 2,750-3,500 | Vietnam |
| Chinese radish | | kg | 600 | | 900 | 1,000 | Local |
| Mustered Green | | kg | 600 | | 500-1,600 | 700-1,700 | Local |
| Bean sprout | | kg | 800 | | 800 | 550-875 | Local |
| Watermelon | | kg | 450 | | 500-800 | 500-800 | Local |
| Fruits | | | | | | | |
| Mango | | kg | 600 | | 1,000 | 800 | Local |
| Papaya | | kg | 700 | | 800 | 700-1,100 | Local |
| Banana | | kg | 400 | | 400-500 | 375-650 | Local |
| Pinapple | | kg | | | | 450-725 | Vietnam |
| Longan | | kg | | | 3,800-4,500 | 3,500 | Vietnam |
| Rambutan | | kg | | | 3,000 | 3,800 | Vietnam |
| Lemon/Lime | | kg | 1,500 | | 1,800 | 1,800 | Local |
| Coconut | | piece | | | 400 | 425-775 | Local |
| Rambutan | | kg | | | 3,000 | 2,800 | Vietnam |
| Animal products | | | | | | | |
| Live pig | | head | 2,000-2,500 | | 2,500 | 3,100-3,850 | Local |
| Live chicken | | head | | | | 4,000 | Local |
| Live duck | | head | | 2,600-4,200 | | 2,800-4,500 | Local |
| Beef meat | | kg | - | | 9,000 | 8,500-9,000 | Local |
| Pork meat | | kg | - | | 6,000-7,000 | 7,500-9,000 | Local |
| Chicken meat | | kg | - | | 6,000 | 7,700-8,500 | Local |
| Duck meat | | kg | - | | 4,000 | 4,000 | Local |
| Duck egg | | piece | | | 170 | 180-230 | Local |
| Chicken egg | | piece | | | 220 | 180-205 | Local |

Source: Interview result to farmers, retailers, collectors and rice millers, and statistic data of DAFF in Takeo

* Information from wholesalers in Phnom Penh

Table F-3 Transportation Rate by Commodity

(Riel)

| Commodity *1 | Unit *2 | Angk Ta Saom-Takeo | | Angk Roka-Takeo | | Trapean O.*3-Takeo | |
|--------------|---------|--------------------|-------------------|-----------------|-------------------|--------------------|-------------------|
| | | Motorbike | Motorbike-trailer | Motorbike | Motorbike-trailer | Motorbike | Motorbike-trailer |
| Vegetables | Basket | 3,000 | 500 | 5,000 | 1,000 | 8,000 | - |
| Fruits | 12pc. | 3,000 | 500 | 5,000 | 1,000 | 8,000 | - |
| Grain | Bag | 3,000 | 500 | 5,000 | 1,000 | 8,000 | - |
| <Animal> | | | | | | | |
| Pig | Head | 5,000 | 3,000 | 10,000 | 5,000 | 15,000 | - |
| Duck/chicken | Unit | 3,000 | 500 | 5,000 | 1,000 | 8,000 | - |

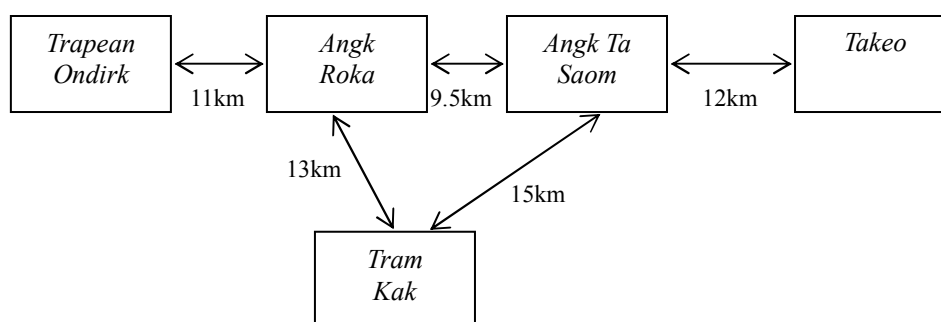
(Riel)

| Commodity *1 | Unit *2 | Tram Kak -Takeo | | Angk Ta Saom-Angk Roka | | Angk Ta Saom-Trapean O.*3 | |
|--------------|---------|-----------------|-------------------|------------------------|-------------------|---------------------------|-------------------|
| | | Motorbike | Motorbike-trailer | Motorbike | Motorbike-trailer | Motorbike | Motorbike-trailer |
| Vegetables | Basket | 5,000 | - | 2,000 | 500 | 5,000 | - |
| Fruits | 12pc. | 5,000 | - | 2,000 | 500 | 5,000 | - |
| Grain | Bag | 5,000 | - | 2,000 | 500 | 5,000 | - |
| <Animal> | | | | | | | |
| Pig | Head | 10,000 | - | 5,000 | 2,000 | 10,000 | - |
| Duck/chicken | Unit | 5,000 | - | 2,000 | 500 | 5,000 | - |

Commodity (*1) and unit (*2)

| Name | Commodity | Unit |
|--------------|--|---|
| Vegetables | Almost all vegetables and some fruits carried in basket. | A basket of about 100 x 50 x 50(H) can be worn on back career of motorbike or a basket of about 60Φ x 50(H) cm can be hung from a stick on back carrier of motorbike. |
| Fruits | Coconuts and bananas | 12 pieces/bunches. |
| Grain | All grains including paddy and milled rice | A bag (about 60kg) |
| Pig | | A pig carried in a basket (about 70kg) |
| Duck/chicken | | Hung unit from a bar (about 60kg) |

*3: Motorbike with trailer cannot operate between Angk Roka and Trapean Ondirk due to bad road conditions.



Distance between markets

Table F-4 Result of Vocational Training (1999 / 2000)

| No. | Skill Field | Duration | Graduates | | Place |
|---------------------|---------------------|-------------------|-----------|--------|--------|
| | | | Total | Female | |
| <1999> | | | | | |
| 1 | Pig raising & Vacc. | 1 week x 3 times | 46 | 22 | Mobile |
| 2 | TV Repair | 4 months | 13 | 0 | Center |
| 3 | Hair dressing | 4 months | 14 | 14 | Center |
| 4 | Sewing | 4 months | 15 | 15 | Center |
| 5 | Motorbike repair | 4 months | 17 | 0 | Center |
| 6 | Pig Raising | 1 week x 2 times | 33 | 24 | Mobile |
| 7 | Chicken raising | 1 week x 2 times | 32 | 10 | Mobile |
| 8 | Food processing | 3 weeks | 15 | 14 | Mobile |
| Total | | | 185 | 99 | |
| <2000> | | | | | |
| 1 | Radio repair | 4 months | 15 | 1 | Center |
| 2 | Sewing | 4 months | 21 | 21 | Center |
| 3 | Food processing | 3 weeks x 5 times | 105 | 103 | Mobile |
| 4 | Small engine repair | 4 months | 20 | 0 | Center |
| 5 | Motorbike repair | 4 months | 17 | 0 | Center |
| 6 | TV repair | 4 months | 15 | 0 | Center |
| 7 | Computer | 3 months | 20 | 10 | Center |
| 8 | Sewing | 4 months | 15 | 15 | Center |
| 9 | Welding | 4 months | 15 | 0 | Center |
| 10 | Auto-repair | 4 month | 15 | 0 | Center |
| Total | | | 258 | 150 | |

Source: Vocational Training Center in Takeo Province

Table F-5 Training Fields and Number of Borrowers (1999 / 2000)

| Skill Field | No. | Skill Field | No. |
|------------------|-----|------------------------|-----|
| Weaving | 8 | Food processing | 31 |
| Chicken raising | 15 | Hatching | 18 |
| Fish raising | 25 | Hair dressing | 3 |
| Motorbike repair | 21 | Cassette player repair | 3 |
| Sewing | 15 | Small generator repair | 3 |
| Pig raising | 124 | Total | 266 |

Source: Vocational Training Center in Takeo Province

Table F-6 Details of Potential Programs by Farmers Group (1)

| No. | Title | Input | Activities | Expected Effect / Profit |
|-----|--|---|---|---|
| 1 | Production of Edible Oil and Animal Feed | 1) Introduction of equipment - Rice mill - Oil expeller - Grinder / cutter - Mixer 2) Building and storage house a) Training for - Processing - Operation of machinery - Management and marketing b) Provision of micro-credit | 1) Rice milling service for farmers by reducing processing losses and procurement of husk and bran 2) Producing ground nuts / sesame oil and procurement of oil cakes 3) Producing feeds using by-products above and additional materials to be procured 4) Selling edible oil and animal feed | 1) Demonstration effect of better post-harvest processing method to reduce losses and improve quality of rice milling 2) Return of profit to member farmers by supplying qualified feed at a lower price 3) Generating bargaining power of products 4) Generating profit by selling products 5) Possibilities of expanding activities in the fields of agro-industry such as group raising and meat processing 6) Absorption of labor in agricultural sector in the area |
| 2 | Group Assembling and Shipping | <Stage 1> 1) Assembling facility 2) Trucks <Stage 2> 1) Information center equipped with computers and telephone transmission apparatus a) Provision of market information by the agency concerned in the Province b) Training of - Management and marketing to the management staff - Information collection and analysis <Stage 3> 1) Storage house | <Stage 1> 1) Construction of the assembling facilities along the major roads in the areas for three Plans. 2) Bringing the products to the assembling facility by each member farmer 3) Promotion of traders to come to the facility 4) Carrying out the transaction between traders and farmers in the facility 5) Exporting the local products to Phnom Penh and other provinces from the facilities. <Stage 2> 1) Collection of market information 2) Analysis of information on market needs 3) Planning collection schedule among members 4) Collecting and combining and/or packaging convenient units for market requirements, and shipping to markets | 1) Demonstration effect of market-oriented group farming and marketing system based on information analysis for market demand 2) Generating purchasing power for agricultural in-puts 3) Generating bargaining power to markets 4) Generating more profit to member farmers by farming and marketing to meet market needs 5) Possibilities of expanding activities in the fields of agro-processing industry with value-added products 6) Absorption of labor in agricultural sector in the area |

Table F-6 Details of Potential Programs by Farmers Group (2)

| No. | Title | Input | Activities | Expected Effect / Profit |
|-----|-------------------------------|--|--|--|
| 2 | | | <p><Stage 3></p> <ol style="list-style-type: none"> 1) Collection of market information 2) Analysis of information on market needs in view of many parameters such as price trends, quality requirements and export trends by each commodity 3) Forecasting market conditions based on the results of analysis 4) Planning of the farming schedule to meet markets needs and produce more profit in view of all the members' farming area 5) Collecting and combining and/or packaging units for market requirements, and shipping to markets 6) Utilizing a storage house and watching daily market information to ship products at the best time and to the best destination markets by trucks | |
| 3 | Sales as the Commission Agent | <ol style="list-style-type: none"> 1) Storage house 2) Trucks a) Training of management and marketing b) Provision of micro-credit | <ol style="list-style-type: none"> 1) Carrying out trading activities by member farmers as the commission agent for the producers 2) Gathering the products from the producers in the surrounding area. 3) Transport the products to the markets and sell. 4) The sales income is paid back to the producers after reduction of transportation charge and commission (3%) | <ol style="list-style-type: none"> 1) Demonstration effect of model trading activity by farmers group 2) Releasing labor in the agricultural sector to trading sector 3) Generating income to member farmers in addition to their agricultural income. |
| 4 | Processing and Marketing | <ol style="list-style-type: none"> 1) Introduction of processing equipment such as: Cocker, Fryer, Dryer, Roaster, Refrigerator, Oven, Bottling machine, Canning machine and Sealer 2) Small factory with a selling spot a) Training of <ul style="list-style-type: none"> - Management and marketing to management staffs - Operators to process various products b) Provision of micro-credit c) Local government assistance for acquiring land located along N.R.3. | <ol style="list-style-type: none"> 1) Organizing existing small groups (assisted by the RD-RP) into one enterprise for agro-processing activities. 2) Processing various local agricultural products and making the products based on market analysis and response to the selling products. 3) Selling the products to shops and markets in the surrounding area and promotion to expand the market especially in Phnom Penh. 4) Researching the consumer's response while selling the various products especially newly developed products to the consumers at the selling spot attached to the facility along N.R.3 and feeding the information back to the processing. | <ol style="list-style-type: none"> 1) Demonstration effect of agro-processing activities by farmer groups and market oriented development activities of products. 2) Releasing labor in the agricultural sector to industrial sector 3) Generating income to member farmers in addition to their agricultural income. |

Table F-6 Details of Potential Programs by Farmers Group (3)

| No. | Title | Input | Activities | Expected Effect / Profit |
|-----|----------------------|--|--|--|
| 5 | Rice Security System | 1) Introduction of storage house a) Training of management and accounting b) Provision of initial procurement cost | 1) Organizing the rice deficit farmhouses. 2) In the lowest market price season after the rice-harvesting, the annual total deficit amount of paddy for all members will be bought from the farmers / farmers groups in the increased rice production area and stored in their own storage house. 3) The members will buy the rice according to their necessities at cheaper price than the actual market price by the next harvesting season. 4) The accumulated sales money paid by the members will be used for the next purchase. | 1) Demonstration effect of food security for rice deficit farmhouses. 2) Ensuring the food security to the rice deficit farmhouses by purchase at lower price 3) Maintaining the food balance condition between the rice surplus farmhouses and deficit ones within the Area. |
| 6 | Rice Marketing | 1) Introduction of a storage house 2) Introduction of a rice mill, if necessary a) Training of - Management and accounting - Marketing - Quality control and processing | 1) Storing the paddy received from the members as the irrigation service fee (ISF). 2) Selling the paddy at higher prices, watching the market conditions. 3) Before selling, the paddy may be milled if it will be feasible. | 1) Demonstration effect of the economic activity for collected paddy to the other FWUCs. 2) Expect various activities such as agricultural inputs procurement and other sale of other products that will be developed from this activity in the community. 3) Strengthening the financial base for O & M of the irrigation facilities. |

Table F-7 Implementation Schedule

| Schedule of USP | Year | | | | | | | | | | | |
|--|------|---|-----------|---|---|---|---|-----------|----|----|----|----|
| | 1-3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| Item | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Start of agricultural production | | ⇒ | | | | | | | | | | |
| Assembling and Marketing Assistance Program | | | | | | | | | | | | |
| <Stage> | | | ← Stage 1 | | | | | Stage 2 → | | | | |
| Construction of facilities (1)* | | ▬ | | | | | | | | | | |
| Construction of facilities (2)* | | | | | | | ▬ | ▬ | | | | |
| Wholesale trade assistance | | | | | | | | | | | | |
| Joint shipping assistance | | | | | | | | | | | | |
| Training (1) | | ▬ | | | | | | | | | | |
| Training (2) | | | | | | | ▬ | | | | | |
| Program of Storage and Sales of Paddy | | | | | | | | | | | | |
| Construction of depots | | ▬ | | | | | | | | | | |
| Storage and sales activity | | | | | | | | | | | | |

*: Including introduction of equipment

Table F-8 Handling and Storage Plan

Basic Condition

| | | | |
|------------------------|-----|-------|----------------|
| Target area | ha | 3,500 | |
| ISF | ton | 490 | 140kg / ha |
| Target collection q'ty | ton | 392 | 80% |
| No. of depot | | 6 | with warehouse |
| Av. receiving at depot | ton | 65 | |

Handling Plan

| | Month | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Total |
|--------------------|-------|-------|-------|-------|-------|-------|-----------|-------|-------|-------|------------|------|-----|-------|
| Receiving | ton | 130.7 | 130.7 | 130.7 | | ← | LOW PRICE | → | | ← | HIGH PRICE | → | | 392.0 |
| Shipment | ton | 60.0 | 60.0 | 60.0 | 10.0 | 0.0 | 0.0 | 0.0 | 30.0 | 52.0 | 60.0 | 60.0 | 0.0 | 392.0 |
| Inventry (Storage) | ton | 70.7 | 141.3 | 212.0 | 202.0 | 202.0 | 202.0 | 202.0 | 172.0 | 120.0 | 60.0 | 0.0 | | |

Handling Plan of Averaged Depot

| | Month | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Total |
|--------------------|-------|------|------|------|------|------|-----------|------|------|------|------------|------|-----|-------|
| Receiving | ton | 21.8 | 21.8 | 21.8 | | ← | LOW PRICE | → | | ← | HIGH PRICE | → | | 65.3 |
| Shipment | ton | 10.0 | 10.0 | 10.0 | 1.7 | 0.0 | 0.0 | 0.0 | 5.0 | 8.7 | 10.0 | 10.0 | 0.0 | 65.3 |
| Inventry (storage) | ton | 11.8 | 23.6 | 35.3 | 33.7 | 33.7 | 33.7 | 33.7 | 28.7 | 20.0 | 10.0 | 0.0 | | |

Warehouse Condition of Averaged Depot

| | | |
|--------------------|------|----------------------------|
| Capacity | ton | 35 |
| No. of bags (60kg) | bag | 583 |
| Stacking unit | | 5 bags x 8 steps = 40 bags |
| No. of unit | unit | 583/40 = 15 |

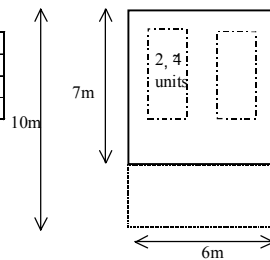


Table F-9 Price List by Products

Vegetables (Riel)

| Name | Unit | Farm-gate price | Buying Price in Phnom Penh* | | |
|----------------------------|------|-----------------|-----------------------------|-----|------------|
| | | | High | Low | Average |
| Tomato | kg | 600 | 1,750 | 650 | 1,200 |
| Cucumber | kg | 400 | 1,100 | 200 | 650 |
| Eggplant | kg | 500 | 1,000 | 200 | 600 |
| Pumpkin | kg | 400 | 476 | 384 | 430 |
| Bitter gourd | kg | 600 | 1,750 | 550 | 1,150 |
| Salada | kg | 1,100 | 2,750 | 450 | 1,600 |
| Chinese kale | kg | 800 | 1,600 | 650 | 1,125 |
| String bean | kg | 800 | 1,150 | 650 | 900 |
| Leek | kg | 600 | 2,300 | 600 | 1,450 |
| Leaf onion | kg | 1,000 | 2,750 | 650 | 1,700 |
| Chinese radish | kg | 600 | 1,000 | 450 | 725 |
| Mustard green | kg | 600 | 950 | 450 | 700 |
| Water melon | kg | 400 | 553 | 346 | 450 |
| Okra | kg | 700 | | | 800 |
| Sweet corn | kg | 600 | | | 800 |
| Chili | kg | 900 | | | 1,200 |
| Average | kg | 663 | | | 967 |
| Round price for estimation | kg | 630 | | | 920 |

*: Result of interview survey at Dumkor Market in Phnom Penh

Cereals (Riel)

| Name | Unit | Farm-gate price | Buying price in Phnom Penh** | | |
|----------------------|------|-----------------|------------------------------|-------|--------------|
| | | | High | Low | High x 0.8 |
| Maize | kg | 600 | 750 | | 650 |
| Ground nut w/o shell | kg | 1,300 | 2,250 | 1,450 | 1,800 |
| Soy bean | kg | 1,200 | 1,600 | 900 | 1,280 |
| Mung bean | kg | 1,400 | 2,400 | 1,350 | 1,920 |
| Sesame(black) | kg | 1,800 | 2,750 | 1,700 | 2,200 |

**: Result of interview survey at Orisay Market in Phnom Penh

Rice (Riel)

| Name | Unit | Farm-gate price | Rice Mill*** (buying) |
|---------------|------|-----------------|--------------------------|
| Paddy (Local) | kg | 370 | 400 |
| Paddy (IR) | kg | 300 | 320 |

***: Result of interview survey to rice millers in Takeo

Table F-10 Breakdown of Turnover and Income Estimation

<Vegetable>

Unit price *: Average of farm-gate price for selected 16 kinds.
 **: Average of buying price at market in Phnom Penh for selected 16 kinds

| Year | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---------------------------------|--------|---------|---------|---------|---------|-----------|-----------|-----------|-----------|-----------|-----------|
| Handling amount | ton | 651 | 977 | 1,302 | 1,465 | 1,628 | 1,628 | 1,628 | 1,628 | 1,628 | 1,628 |
| Turnover* | R.1000 | 410,256 | 615,384 | 820,512 | 923,076 | 1,025,640 | 1,025,640 | 1,025,640 | 1,025,640 | 1,025,640 | 1,025,640 |
| Market charge | 3% | 12,308 | 18,462 | 24,615 | 27,692 | 30,769 | 30,769 | 30,769 | 30,769 | 30,769 | 30,769 |
| <For joint shipping assistance> | | | | | | | | | | | |
| Handling amount | ton | | | | | 407 | 407 | 407 | 407 | 407 | 407 |
| Value at facility* | R.1000 | | | | | 256,410 | 256,410 | 256,410 | 256,410 | 256,410 | 256,410 |
| Sales value** | R.1000 | | | | | 374,440 | 374,440 | 374,440 | 374,440 | 374,440 | 374,440 |
| Balance | R.1000 | | | | | 118,030 | 118,030 | 118,030 | 118,030 | 118,030 | 118,030 |
| Trade income | R.1000 | | | | | 106,227 | 106,227 | 106,227 | 106,227 | 106,227 | 106,227 |

<Cereal>

Unit price *: Average of farm-gate price for each kind.
 **: 80% of average of high buying price at market in Phnom Penh for each kind.

| Year | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---------------------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Handling amount | ton | 90 | 136 | 181 | 203 | 234 | 234 | 234 | 234 | 234 | 234 |
| Maize | ton | 32 | 48 | 64 | 72 | 80 | 80 | 80 | 80 | 80 | 80 |
| Groundnut | ton | 14 | 20 | 27 | 31 | 34 | 34 | 34 | 34 | 34 | 34 |
| Soy bean | ton | 16 | 24 | 32 | 36 | 40 | 40 | 40 | 40 | 40 | 40 |
| Mung bean | ton | 16 | 24 | 32 | 36 | 40 | 40 | 40 | 40 | 40 | 40 |
| Sesame | ton | 13 | 19 | 26 | 29 | 32 | 32 | 32 | 32 | 32 | 32 |
| Turnover* | R.1000 | 101,520 | 152,280 | 203,040 | 228,420 | 253,800 | 253,800 | 253,800 | 253,800 | 253,800 | 253,800 |
| Maize | R.1000 | 19,200 | 28,800 | 38,400 | 43,200 | 48,000 | 48,000 | 48,000 | 48,000 | 48,000 | 48,000 |
| Groundnut | R.1000 | 17,680 | 26,520 | 35,360 | 39,780 | 44,200 | 44,200 | 44,200 | 44,200 | 44,200 | 44,200 |
| Soy bean | R.1000 | 19,200 | 28,800 | 38,400 | 43,200 | 48,000 | 48,000 | 48,000 | 48,000 | 48,000 | 48,000 |
| Mung bean | ton | 22,400 | 33,600 | 44,800 | 50,400 | 56,000 | 56,000 | 56,000 | 56,000 | 56,000 | 56,000 |
| Sesame | R.1000 | 23,040 | 34,560 | 46,080 | 51,840 | 57,600 | 57,600 | 57,600 | 57,600 | 57,600 | 57,600 |
| Market charge | 3% | 3,046 | 4,568 | 6,091 | 6,853 | 7,614 | 7,614 | 7,614 | 7,614 | 7,614 | 7,614 |
| <For joint shipping assistance> | | | | | | | | | | | |
| Handling amount | ton | | | | | 57 | 57 | 57 | 57 | 57 | 57 |
| Maize | ton | | | | | 20 | 20 | 20 | 20 | 20 | 20 |
| Groundnut | ton | | | | | 9 | 9 | 9 | 9 | 9 | 9 |
| Soy bean | ton | | | | | 10 | 10 | 10 | 10 | 10 | 10 |
| Mung bean | ton | | | | | 10 | 10 | 10 | 10 | 10 | 10 |
| Sesame | ton | | | | | 8 | 8 | 8 | 8 | 8 | 8 |
| Value at facility* | R.1000 | | | | | 63,450 | 63,450 | 63,450 | 63,450 | 63,450 | 63,450 |
| Maize | R.1000 | | | | | 12,000 | 12,000 | 12,000 | 12,000 | 12,000 | 12,000 |
| Groundnut | R.1000 | | | | | 11,050 | 11,050 | 11,050 | 11,050 | 11,050 | 11,050 |
| Soy bean | R.1000 | | | | | 12,000 | 12,000 | 12,000 | 12,000 | 12,000 | 12,000 |
| Mung bean | R.1000 | | | | | 14,000 | 14,000 | 14,000 | 14,000 | 14,000 | 14,000 |
| Sesame | R.1000 | | | | | 14,400 | 14,400 | 14,400 | 14,400 | 14,400 | 14,400 |
| Sales value** | R.1000 | | | | | 77,900 | 77,900 | 77,900 | 77,900 | 77,900 | 77,900 |
| Maize | R.1000 | | | | | 13,000 | 13,000 | 13,000 | 13,000 | 13,000 | 13,000 |
| Groundnut | R.1000 | | | | | 15,300 | 15,300 | 15,300 | 15,300 | 15,300 | 15,300 |
| Soy bean | R.1000 | | | | | 12,800 | 12,800 | 12,800 | 12,800 | 12,800 | 12,800 |
| Mung bean | R.1000 | | | | | 19,200 | 19,200 | 19,200 | 19,200 | 19,200 | 19,200 |
| Sesame | R.1000 | | | | | 17,600 | 17,600 | 17,600 | 17,600 | 17,600 | 17,600 |
| Income | R.1000 | | | | | 14,450 | 14,450 | 14,450 | 14,450 | 14,450 | 14,450 |
| Trade income | R.1000 | | | | | 13,005 | 13,005 | 13,005 | 13,005 | 13,005 | 13,005 |

<Rice>

Unit price *: Average of farm gate price.
 **: Average of buying price at rice millers in Takeo.

| Year | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---------------------------------------|-----------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Paddy | Handling amount | ton | 273 | 687 | 1,101 | 1,308 | 1,515 | 1,515 | 1,515 | 1,515 | 1,515 |
| | Local | ton | 177 | 446 | 715 | 849 | 984 | 984 | 984 | 984 | 984 |
| | IR | ton | 96 | 241 | 386 | 459 | 531 | 531 | 531 | 531 | 531 |
| Turnover* | R.1000 | 94,290 | 237,320 | 380,350 | 451,830 | 523,292 | 523,292 | 523,292 | 523,292 | 523,292 | 523,292 |
| | Local | R.1000 | 65,490 | 165,020 | 264,550 | 314,130 | 363,932 | 363,932 | 363,932 | 363,932 | 363,932 |
| | IR | R.1000 | 28,800 | 72,300 | 115,800 | 137,700 | 159,360 | 159,360 | 159,360 | 159,360 | 159,360 |
| Market charge | 3% | 2,829 | 7,120 | 11,411 | 13,555 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 |
| <For joint shipping assistance> | | | | | | | | | | | |
| Handling amount | ton | | | | | 379 | 379 | 379 | 379 | 379 | 379 |
| Local | ton | | | | | 246 | 246 | 246 | 246 | 246 | 246 |
| IR | ton | | | | | 133 | 133 | 133 | 133 | 133 | 133 |
| Value at facility* | R.1000 | | | | | 130,823 | 130,823 | 130,823 | 130,823 | 130,823 | 130,823 |
| Local | R.1000 | | | | | 90,983 | 90,983 | 90,983 | 90,983 | 90,983 | 90,983 |
| IR | R.1000 | | | | | 39,840 | 39,840 | 39,840 | 39,840 | 39,840 | 39,840 |
| Sales value** | R.1000 | | | | | 140,856 | 140,856 | 140,856 | 140,856 | 140,856 | 140,856 |
| Local | R.1000 | | | | | 98,360 | 98,360 | 98,360 | 98,360 | 98,360 | 98,360 |
| IR | R.1000 | | | | | 42,496 | 42,496 | 42,496 | 42,496 | 42,496 | 42,496 |
| Income | R.1000 | | | | | 10,033 | 10,033 | 10,033 | 10,033 | 10,033 | 10,033 |
| Trade income | R.1000 | | | | | 9,030 | 9,030 | 9,030 | 9,030 | 9,030 | 9,030 |
| <Income of wholesale assistance> | | | | | | | | | | | |
| Market charge | R.1000 | 18,182 | 30,150 | 42,117 | 48,100 | 54,082 | 54,082 | 54,082 | 54,082 | 54,082 | 54,082 |
| <Income of joint shipping assistance> | | | | | | | | | | | |
| Trade income | R.1000 | | | | | 128,262 | 128,262 | 128,262 | 128,262 | 128,262 | 128,262 |
| <Total income> | | | | | | | | | | | |
| Total income | R.1000 | 18,182 | 30,150 | 42,117 | 48,100 | 182,344 | 182,344 | 182,344 | 182,344 | 182,344 | 182,344 |

Table F-11 Breakdown of Expenditure for AMP

Breakdown of Expenditure

Personnel Expenses

| Starting Stage | Item | No. | Salary R.1000 | Annual R.1000 | Total R.1000 |
|----------------|-----------------------|-----|---------------|---------------|--------------|
| 1 | Manager | 1 | 120 | 1,440 | 1,440 |
| 1 | Marketing/Coordinator | 1 | 100 | 1,200 | 1,200 |
| 1 | Accountant | 1 | 120 | 1,440 | 1,440 |
| 1 | Inspector | 2 | 100 | 1,200 | 2,400 |
| 1 | Cleaner | 2 | 40 | 480 | 960 |
| (Sub Total) | | | | | 7,440 |
| 2 | Driver | 2 | 80 | 960 | 1,920 |
| (Sub Total) | | | | | 1,920 |
| Total | | | | | 9,360 |

Investment Cost and Replacement Fund

| Starting Stage | Item | Unit C. R.1000 | No. | Inv. Cost R.1000 | Period Year |
|----------------|------------------|----------------|-----|------------------|-------------|
| 1 | Facility | 220/m2 | 1 | 66,000 | 20 |
| 1 | Scale (big) | 360 | 2 | 720 | 10 |
| 1 | Scale (small) | 80 | 2 | 160 | 10 |
| 1 | Generator (10kw) | 2,000 | 1 | 2,000 | 10 |
| 1 | Well | 6,000 | 1 | 6,000 | 30 |
| (Sub Total) | | | | 74,880 | |
| 2 | PC set | 2,400 | 1 | 2,400 | 8 |
| 2 | Printer | 2,400 | 1 | 2,400 | 8 |
| 2 | Faximille Phone | 1,200 | 1 | 1,200 | 8 |
| 2 | Stabilizer(3kw) | 260 | 1 | 260 | 10 |
| 2 | Truck (3tons) | 80,000 | 2 | 160,000 | 10 |
| (Sub Total) | | | | 166,260 | |
| 3 | Warehouse | 320/m2 | 1 | 25,600 | 30 |
| (Sub Total) | | | | 25,600 | |
| Total | | | | 266,740 | |

*: Fund for replacement in the future.

General Expenses

| Starting Stage | Item | No. | Monthly R | Annual R.1000 | Remark |
|------------------------------|--------------------|-----|-----------|---------------|-------------------|
| 1 | Office expenses | | 120,000 | 1,440 | |
| 1 | Fuel for generator | | | 4,480 | R.1,500/L, 300d/y |
| (Sub Total) | | | | 5,920 | |
| <Joint shipping assistance > | | | | | |
| 2 | Fuel for trucks | * | | 12,000 | R.1,500/L, 5km/L |
| 2 | Entrance charge | ** | | 920 | Market in P.P. |
| 2 | Repairement | | 100,000 | 1,200 | |
| (Sub Total) | | | | 14,120 | |
| Total | | | | 20,040 | |

* Round trip to P.P. : 160km (For vegetable and cereals)
 Round trip to Takeo : 40km (For paddy)
 P.P.:184 time-trip =29,440km
 Takeo:160 time-trip =6,400km
 Total: 35,840km 40,000km/year
 Kerosine consumption: 8,000L/year
 ** R5,000/time
 R5,000 x 184times = R920,000/year

Training Cost

| Year | Subject | No. | Cost R.1000 | Per-diem R.1000 | Total R.1000 | Remark |
|--------------|----------------------|-----|-------------|-----------------|--------------|--------------|
| 4th | Bussiness management | 1 | 1,000 | 280 | 1,280 | 7 days |
| 4th | Marketing | 1 | 1,600 | 2,400 | 4,000 | 2 months |
| Total | | | | | | 5,280 |

* Training will be carried out by NGO and/or a private school in Phnom Penh.

Table F-12 Breakdown of Expenditure for PDP

Personnel Expenses

| Item | No. | Month | Cost (R 1000) |
|--------------------|-----|-------|---------------|
| Personnel Expenses | | | |
| Warehouse manager | 6 | 36 | 2,160 |
| Total | | | 2,160 |

Fund for reconstruction and replacement (R.1000)

| Item | Period | Unit cost | No. | Investment |
|--------------|----------|-----------|-----|---------------|
| Warehouse* | 30 years | 12,000 | 6 | 72,000 |
| Scale | 10 years | 360 | 6 | 2,160 |
| Total | | | | 74,160 |

Table F-13 Cash Flow of Assembling and Marketing Assistance Program

(Unit : Riel Million)

| Year in Order | Year | Revenue | | | Expenditure | | | | | | | Annual Balance | Cumulative | | |
|---------------------|------|------------------|-----------------|------------------|--------------------------------|-------|-----------------------|----------------------|----------|---------------|-------------------|-------------------|------------|-------|---------|
| | | Market Charge | Trade Income | Total Revenue | Personnel Apex (M. Unit) | O&M | Equipment Purchase | Replacement | | | Staff Training | | | Total | |
| | | | | | | | | Market Facilities | Shipping | Sub- total | | | | | |
| 1 | 2002 | | | | | | | | | | | | | | |
| 2 | 2003 | | | | | | | | | | | | | | |
| 3 | 2004 | | | | | | | | | | | | | | |
| 4 | 2005 | | | | | | | | | | | | | | |
| 5 | 2006 | 18.2 | | 18.2 | 7.4 | 5.9 | | | | | 0 | 13.3 | 4.9 | 4.9 | |
| 6 | 2007 | 30.2 | | 30.2 | 7.4 | 5.9 | | | | | 0 | 13.3 | 16.9 | 21.8 | |
| 7 | 2008 | 42.1 | | 42.1 | 7.4 | 5.9 | | | | | 0 | 13.3 | 28.8 | 50.6 | |
| 8 | 2009 | 48.1 | | 48.1 | 7.4 | 5.9 | | | | | 0 | 13.3 | 34.8 | 85.4 | |
| 9 | 2010 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | 111.9 | | | | 0 | 5.3 | 146.56 | 35.8 | 121.2 |
| 10 | 2011 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | 80.0 | | | | 0 | | 109.36 | 73.0 | 194.3 |
| 11 | 2012 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | | 0 | | 29.36 | 153.0 | 347.3 |
| 12 | 2013 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | | 0 | | 29.36 | 153.0 | 500.4 |
| 13 | 2014 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | | 0 | | 29.36 | 153.0 | 653.4 |
| 14 | 2015 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | 2.9 | | 2.9 | | | 32.26 | 150.1 | 803.5 |
| 15 | 2016 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | | 0 | | 29.36 | 153.0 | 956.6 |
| 16 | 2017 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | | 0 | | 29.36 | 153.0 | 1,109.6 |
| 17 | 2018 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | 6.0 | 6 | | 35.36 | 147.0 | 1,256.7 |
| 18 | 2019 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | | 0 | | 29.36 | 153.0 | 1,409.7 |
| 19 | 2020 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | 80.3 | 80.3 | | 109.66 | 72.7 | 1,482.4 |
| 20 | 2021 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | 80.0 | 80.0 | | 109.36 | 73.0 | 1,555.5 |
| 21 | 2022 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | | 0 | | 29.36 | 153.0 | 1,708.5 |
| 22 | 2023 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | | 0 | | 29.36 | 153.0 | 1,861.6 |
| 23 | 2024 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | | 0 | | 29.36 | 153.0 | 2,014.6 |
| 24 | 2025 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | 2.9 | | | 2.9 | | 32.26 | 150.1 | 2,164.7 |
| 25 | 2026 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | 6.0 | 6.0 | | 35.36 | 147.0 | 2,311.8 |
| 26 | 2027 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | | 0 | | 29.36 | 153.0 | 2,464.8 |
| 27 | 2028 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | | 0 | | 29.36 | 153.0 | 2,617.9 |
| 28 | 2029 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | | 0 | | 29.36 | 153.0 | 2,770.9 |
| 29 | 2030 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | 80.3 | 80.3 | | 109.66 | 72.7 | 2,843.6 |
| 30 | 2031 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | 80.0 | 80.0 | | 109.36 | 73.0 | 2,916.7 |
| 31 | 2032 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | | 0 | | 29.36 | 153.0 | 3,069.7 |
| 32 | 2033 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | | 0 | | 29.36 | 153.0 | 3,222.8 |
| 33 | 2034 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | 6.0 | 6.0 | | 35.36 | 147.0 | 3,369.8 |
| 34 | 2035 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | 74.9 | | | 74.9 | | 104.26 | 78.1 | 3,447.9 |
| 35 | 2036 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | | 0 | | 29.36 | 153.0 | 3,601.0 |
| 36 | 2037 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | | 0 | | 29.36 | 153.0 | 3,754.0 |
| 37 | 2038 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | | 0 | | 29.36 | 153.0 | 3,907.1 |
| 38 | 2039 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | | 0 | | 29.36 | 153.0 | 4,060.1 |
| 39 | 2040 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | 105.9 | 105.9 | | 135.26 | 47.1 | 4,107.2 |
| 40 | 2041 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | 80.0 | 80.0 | | 109.36 | 73.0 | 4,180.3 |
| 41 | 2042 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | 6.0 | 6.0 | | 35.36 | 147.0 | 4,327.3 |
| 42 | 2043 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | | 0 | | 29.36 | 153.0 | 4,480.4 |
| 43 | 2044 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | | 0 | | 29.36 | 153.0 | 4,633.4 |
| 44 | 2045 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | 2.9 | | | 2.9 | | 32.26 | 150.1 | 4,783.5 |
| 45 | 2046 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | | 0 | | 29.36 | 153.0 | 4,936.6 |
| 46 | 2047 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | | 0 | | 29.36 | 153.0 | 5,089.6 |
| 47 | 2048 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | | 0 | | 29.36 | 153.0 | 5,242.7 |
| 48 | 2049 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | | 0 | | 29.36 | 153.0 | 5,395.7 |
| 49 | 2050 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | 86.3 | 86.3 | | 115.66 | 66.7 | 5,462.4 |
| 50 | 2051 | 54.1 | 128.3 | 182.4 | 9.4 | 20.0 | | | | 80.0 | 80.0 | | 109.36 | 73.0 | 5,535.5 |
| | | 2,410.8 | 5,388.6 | 7,799.4 | 422.7 | 863.6 | 191.9 | 83.6 | 696.8 | 780.4 | 5.3 | 2,263.9 | 5,535.5 | - | |

Table F-14 Handling Condition and Annual Balance of Each Depot

Basic Condition

| Depot* | | A | B | C | D | E | F | |
|------------------------|-----|-----|-----|-----|-----|-----|-----|-------|
| Canal No. | | 24 | 23 | 22 | 21 | 20 | 3 | Total |
| Target area** | ha | 698 | 774 | 609 | 490 | 619 | 295 | 3,485 |
| ISF | ton | 98 | 108 | 85 | 69 | 87 | 41 | 488 |
| Target collection rate | ton | 78 | 87 | 68 | 55 | 69 | 33 | 390 |

*: Alphabetical title indicates the location shown in the "Location Map of Depos".

** : The irrigated area of 15ha is excluded in the program, because the location is isolated from others.

Warehouse Capacity

| Depot* | | A | B | C | D | E | F | |
|------------------------|-----|-----|-----|-----|-----|-----|-----|-------|
| Canal No. | | 24 | 23 | 22 | 21 | 20 | 3 | Total |
| Annual handling amount | ton | 78 | 87 | 68 | 55 | 69 | 33 | 390 |
| Capacity of warehouse | ton | 42 | 47 | 37 | 30 | 37 | 18 | 211 |
| Bag (60kg) | | 705 | 781 | 615 | 494 | 625 | 298 | 3,518 |

*: Alphabetical title indicates the location shown in the "Location Map of Depos".

Estimated Income and Balance

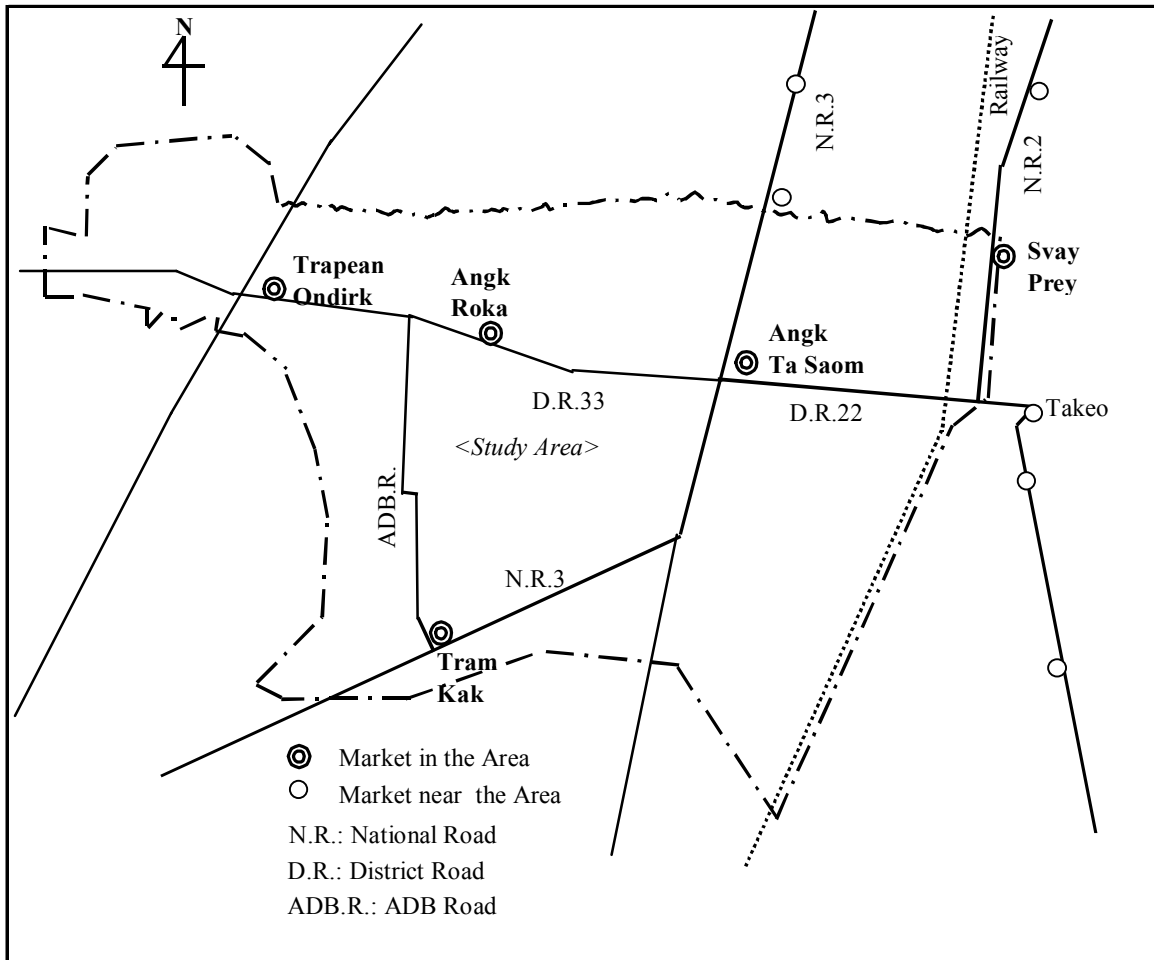
| Depot | Year | A | B | C | D | E | F | |
|----------------------|--------|--------|--------|--------|--------|--------|--------|---------|
| Canal No. | | 24 | 23 | 22 | 21 | 20 | 3 | Total |
| Sales Quantity | ton | 78 | 87 | 68 | 55 | 69 | 33 | 390 |
| Income | R.1000 | 25,813 | 28,592 | 22,501 | 18,103 | 22,878 | 10,918 | 128,806 |
| Expenditure* | R.1000 | 360 | 360 | 360 | 360 | 360 | 360 | 2,160 |
| Reserve fund (1)** | R.1000 | 471 | 522 | 411 | 331 | 418 | 199 | 2,352 |
| Reserve fund (2.)*** | R.1000 | 36 | 36 | 36 | 36 | 36 | 36 | 216 |
| Balance | R.1000 | 24,946 | 27,674 | 21,694 | 17,376 | 22,064 | 10,323 | 124,078 |

*: Personnel expenses and general expenses

** : For reconstruction of building

***: For replacement of scale

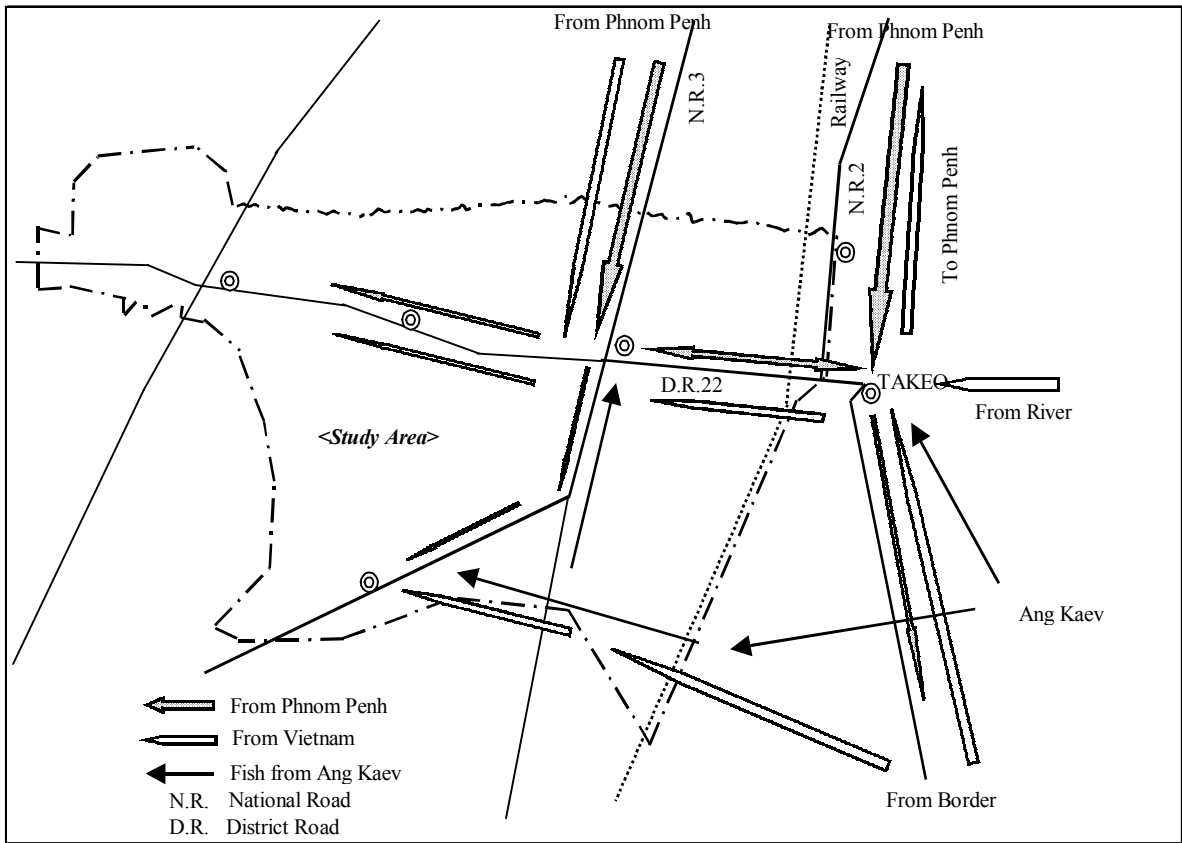
Figures



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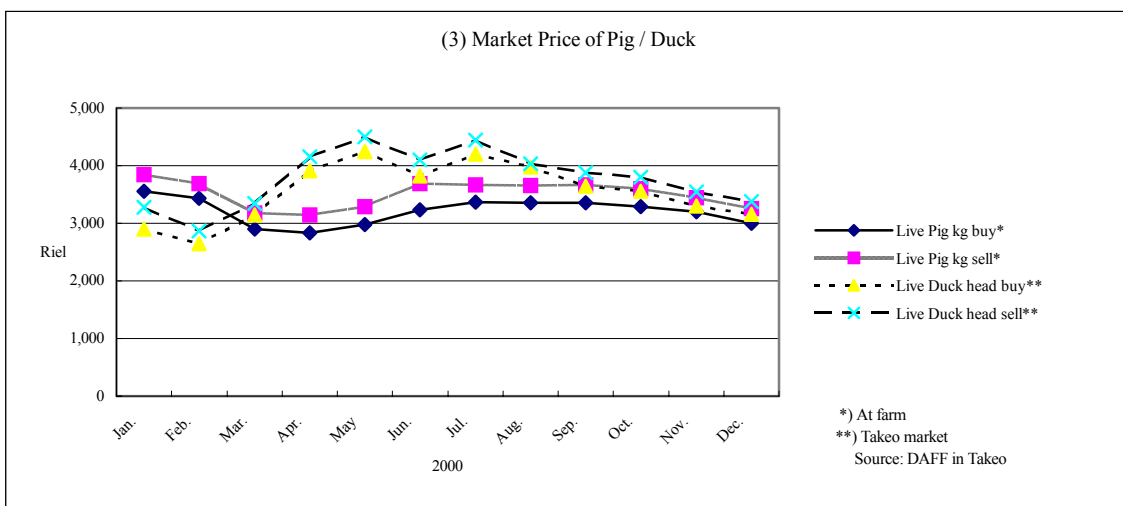
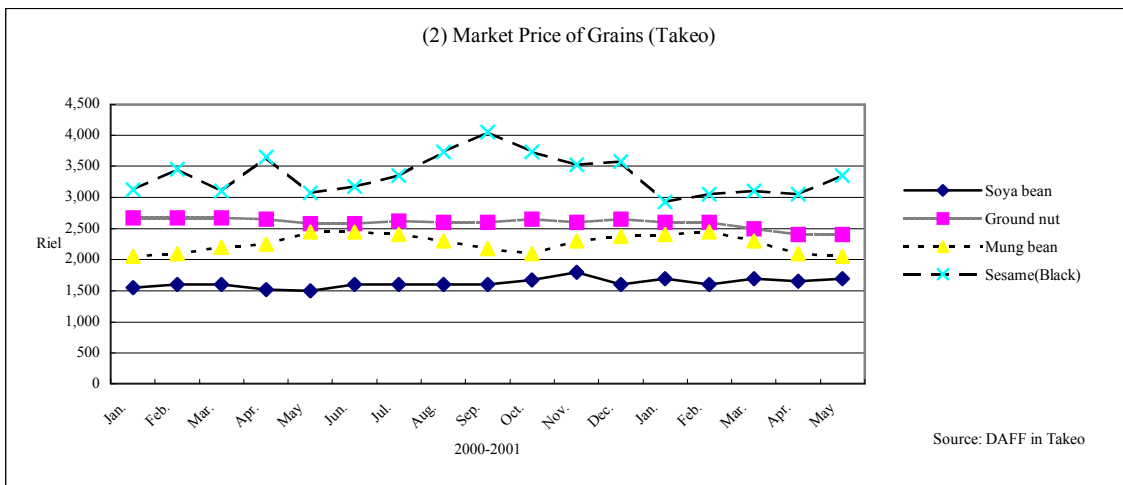
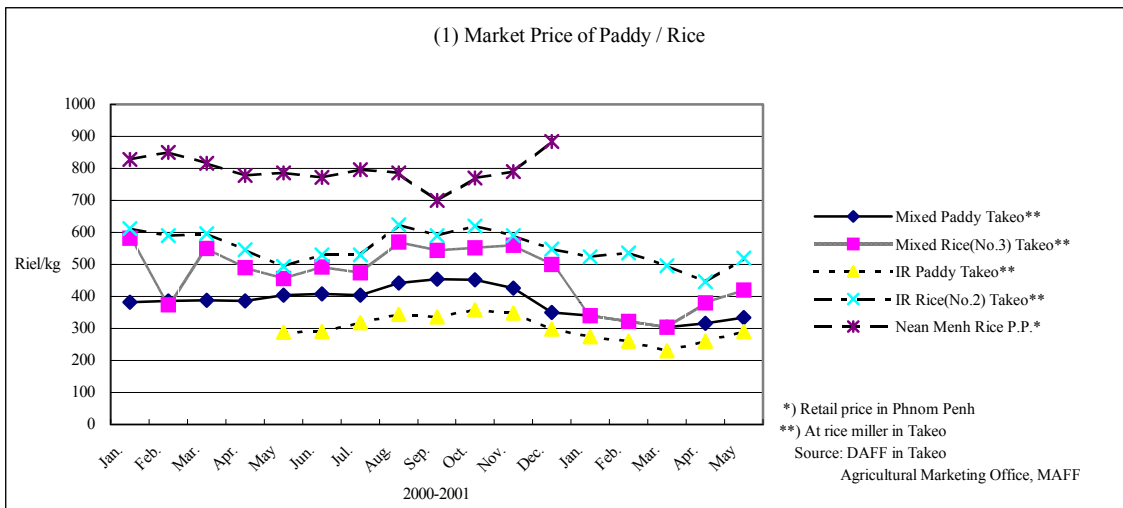
Figure F-1
Location of Public Market



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Figure F-2
Incoming Channels of Agricultural Products



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Figure F-3

Seasonal Market Price Condition of Selected
 Products

| Commodity | * | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Tomato | P.P. | | | | | | | | | | | | |
| | Takeo | | | | | | | | | | | | |
| Cucumber | P.P. | | | | | | | | | | | | |
| | Takeo | | | | | | | | | | | | |
| Egg plant | P.P. | | | | | | | | | | | | |
| Pumpkin | P.P. | | | | | | | | | | | | |
| | Takeo | | | | | | | | | | | | |
| Bitter gourd | P.P. | | | | | | | | | | | | |
| Kangkung | P.P. | | | | | | | | | | | | |
| | Takeo | | | | | | | | | | | | |
| Salada | P.P. | | | | | | | | | | | | |
| | Takeo | | | | | | | | | | | | |
| Chinese green leaf | P.P. | | | | | | | | | | | | |
| | Takeo | | | | | | | | | | | | |
| String bean | P.P. | | | | | | | | | | | | |
| | Takeo | | | | | | | | | | | | |
| Leek | P.P. | | | | | | | | | | | | |
| Chilly | P.P. | | | | | | | | | | | | |
| Leaf onion | P.P. | | | | | | | | | | | | |
| Chinese radish | P.P. | | | | | | | | | | | | |
| Mustered green | P.P. | | | | | | | | | | | | |
| | Takeo | | | | | | | | | | | | |
| Watermelon | P.P. | | | | | | | | | | | | |
| | Takeo | | | | | | | | | | | | |

* P.P.: Interviews with retailers in Dumkor Market in Phnom Penh

Takeo: Interviews with retailers in markets and DAFF

High price period

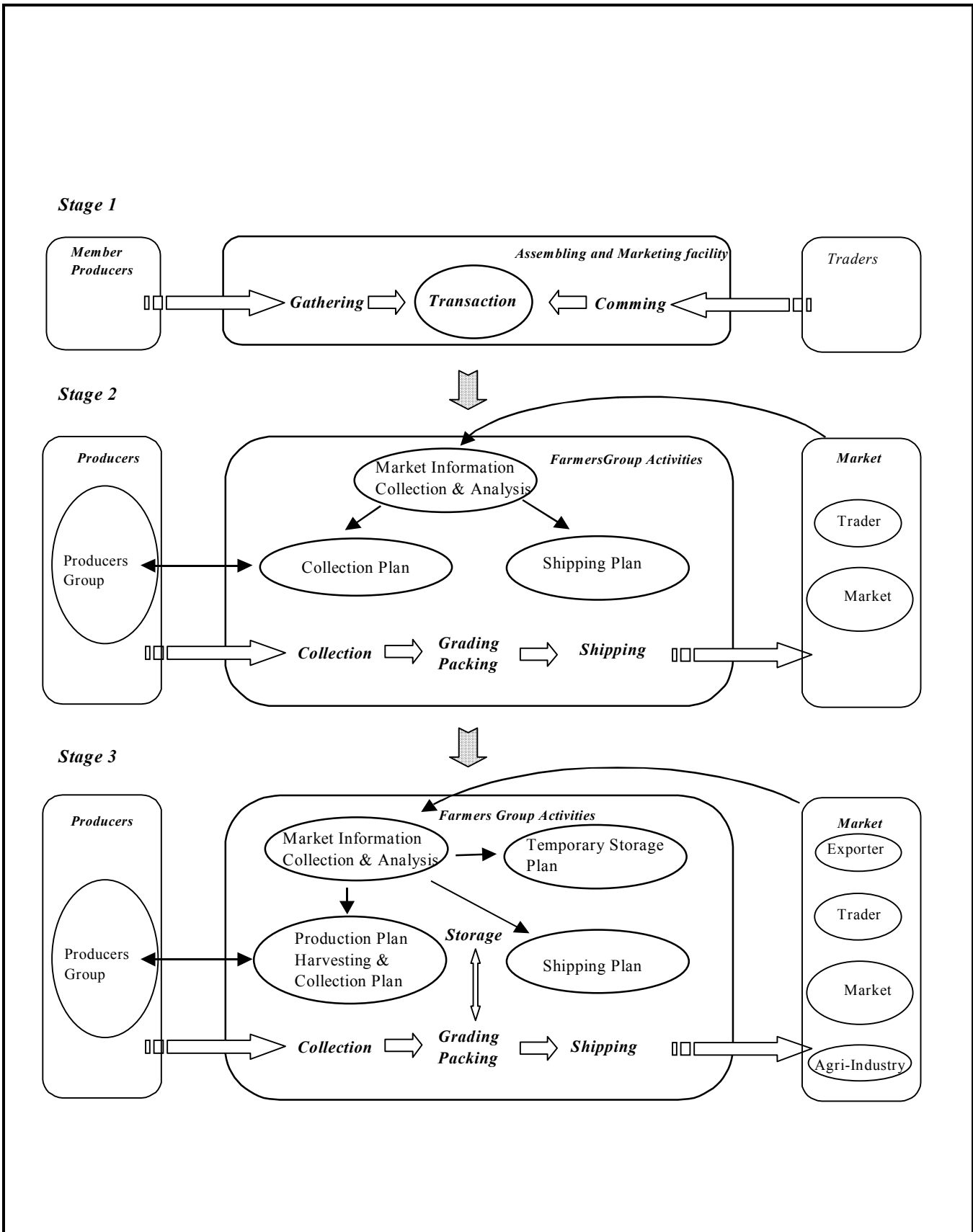
Low price period

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Figure F-4

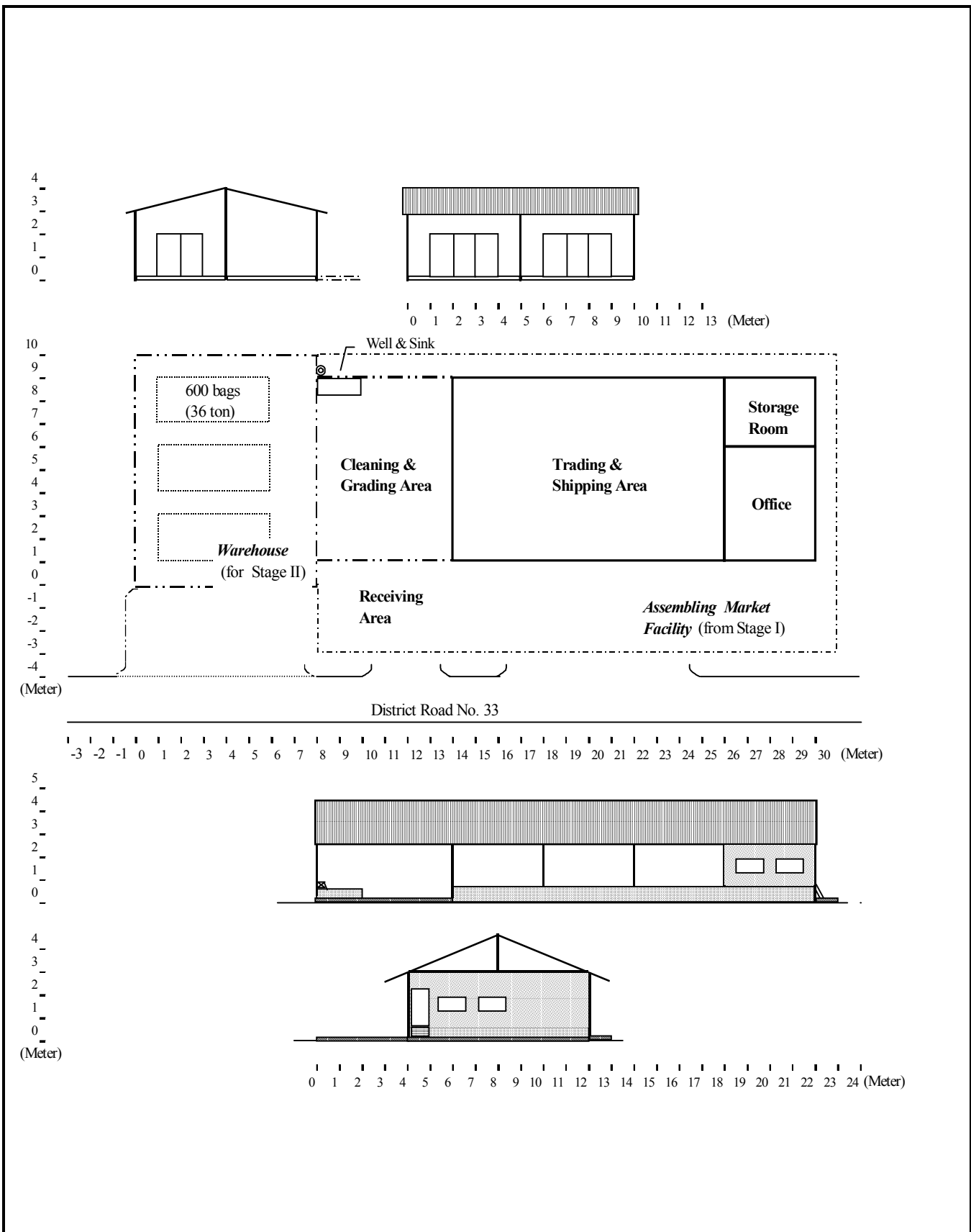
Seasonal Market Price Condition of Selected
Vegetables



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Figure F-5
Activities of Assembling and Marketing Program

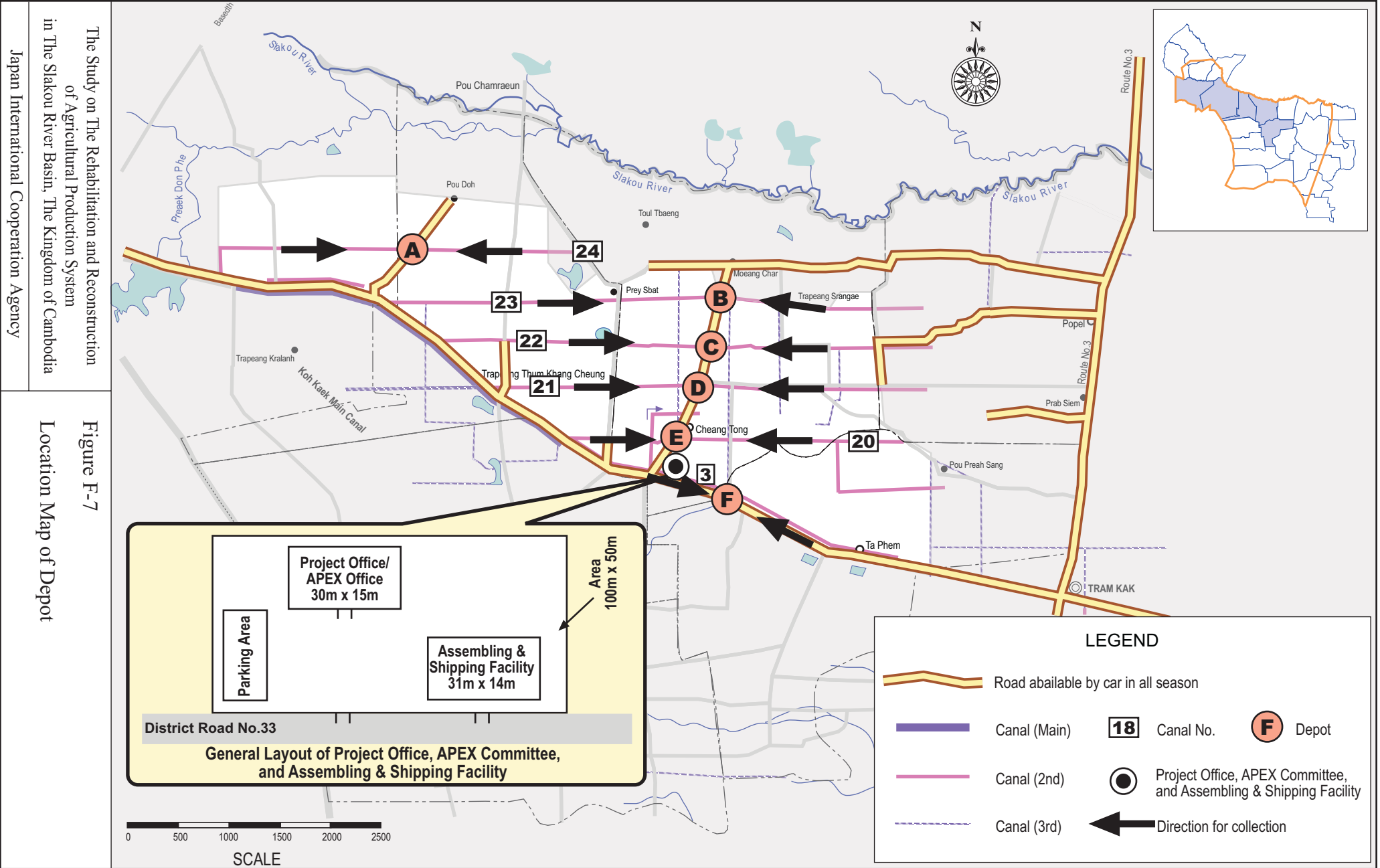


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Figure F-6

Facility Layout Plan for Assembling and
Marketing Assistance Program



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Figure F-7
Location Map of Depot