

ANNEX IV

RESULTS OF FARM HOUSEHOLD
INTERVIEW SURVEY

**The Feasibility Study
on
Integrated Agricultural and Rural Development
in
Highland Area in the Republic of Indonesia**

ANNEX IV RESULTS OF FARM HOUSEHOLD INTERVIEW SURVEY

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CHAPTER 1 INTRODUCTION

The Farm Household Interview Survey (hereinafter referred to as “the Survey”) was carried out in the course of the Feasibility Study on Integrated Agricultural and Rural Development in Highland Area (hereinafter referred to as “the Study”). The period of the Survey was about six weeks from the beginning of October to the middle of November 1999 in the First Stage Fieldwork. The principal objective of the Survey was to clarify the socio-economic conditions of farm households in and around eight model areas, which were the objective Study areas scattered over the highland area in West Java Province. Since the boundary of the irrigable area was delineated afterward in the Second Stage Fieldwork, this Farm Household Interview Survey encompassed the Study area, not only from inside of the irrigable area but also from outside of the irrigable area. All the important outputs from the Survey including the present conditions of farm households and their constraints to the development were examined, and reflected to the basic agricultural development plan. The Survey was executed and managed directly by the Study Team by hiring capable persons for the works of interview survey, checking answered questionnaires and data input to computers.

This Annex consists of three chapters. In Chapter 2, the survey objectives and methodology are presented. All the important survey outcomes, which are supported by a number of data tables, are described in Chapter 3.

CHAPTER 2 SURVEY OBJECTIVES AND METHODOLOGY

2.1 Survey Area

The survey area consisted of eight model areas (1,069 ha in total) located in five districts of West Java Province as shown below^{1/}:

Model Area	Size of Area	District
1) Mekarjaya	100 ha	Bandung district
2) Langensari	72 ha	Bandung district
3) Tugumukti	50 ha	Bandung district
4) Gekbrong	50 ha	Cianjur district
5) Cisurupan	300 ha	Garut district
6) Tanjungkarya	80 ha	Garut district
7) Mekarmukti	167 ha	Sumedang district
8) Cisantana	250 ha	Kuningan district

2.2 Survey Objectives

The objective of the Survey was to clarify the current socio-economic conditions of farm households in each model area. The important survey items were as follows:

- Demographic conditions (population by age, sex, education, occupation, absentees, etc.)
- Involvement in farmers' organizations
- Living conditions (availability of drinking water and major source of fuel for cooking, etc.)
- Food availability conditions
- Land holding status
- Conditions of land tenure
- Cropping patterns and intensities
- Income and expenditures
- Saving status

^{1/} These areas presented here are the ones stated in S/W. However, some of these figures have been changed after the field survey made based on aerial photographs (shot October-November 1999 period).

2.3 Survey Methodology

2.3.1 Organization of Survey Team

The survey team was organized under the Study Team. It consisted of 4 group leaders, 15 enumerators, and five computer operators. For the field interview survey, four groups were organized by dividing 15 enumerators. The interview survey using questionnaires was carried out by the enumerators. The group leaders, at the field level, checked up all answers collected by the enumerators in the questionnaires. After the check, the questionnaires with answers were sent to a head office of the survey team in Bandung. In the head office, the computer operators took responsibility for data input, data cleaning, and data processing using computers. The team leader who was in charge of Rural Society/ Farmers' Organization in the Study Team supervised all the above survey activities and carried out the final tabulation based on the processed data.

2.3.2 Sample Size and Sampling Method

The total sample size was 500, although it has finally become 514. This sample size was decided considering the available time and manpower allocated to the Survey. The distribution of samples in each model area is determined taking into account the size of each model area and average land holding size of farmers which was confirmed based on the secondary data. The final figures of the sample size in each model area are as shown below:

- Mekarjaya:	51 samples
- Langensari:	36 samples
- Tugumukti:	36 samples
- Gekbrong:	32 samples
- Cisurupan:	107 samples
- Tanjungkarya:	35 samples
- Mekarmukti:	107 samples
- <u>Cisantana:</u>	<u>110 samples</u>
Total	514 samples

The samples were randomly selected from among the farm households in the model areas either they were owner, tenant or farm labor households. The sampling was made based on villagers' lists available in the related village offices or BPPs to the respective model areas. Absentee landowner households who live in city or town were not the subjects of the Survey.

The survey was conducted through interviews to a head of each sample household

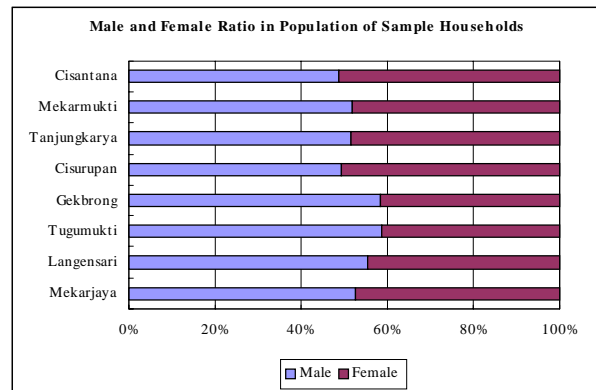
using the questionnaire translated into Indonesian. The questionnaire (English version) used in the household survey is attached to the last part of this Annex as “Survey Questionnaire”.

CHAPTER 3 SURVEY RESULTS

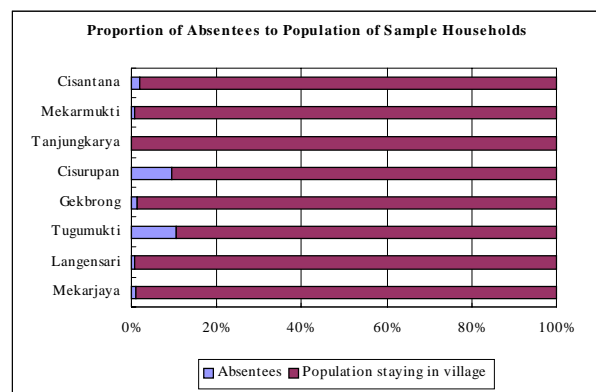
3.1 Demographic Conditions

The data on the demographic conditions are compiled in Tables from IV-1 to IV-12. The important outputs from the analyses made on these data are as follows.

- a) As for male and female ratio, the male population is larger than the female population in six model areas, although they are nearly balanced. Female population is larger than male in two model areas of Cisarupan and Cisantana (see the figure on the right).



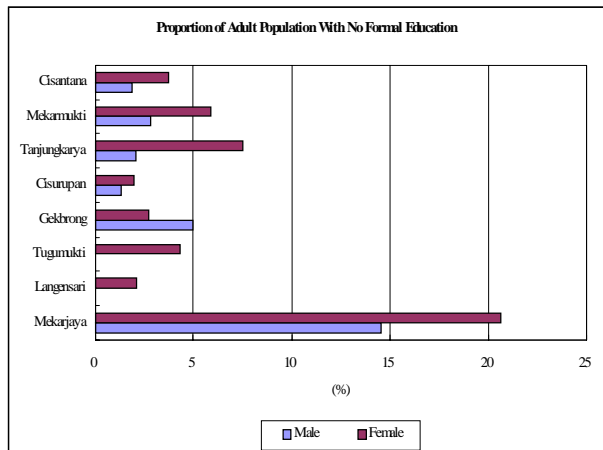
- b) The proportion of absentees who are absent in the village for more than four months in a year is comparatively low at less than 1% in Mekarjaya, Langensari, Tanjungkarya and Mekarmukti. However, the proportion is comparatively



- high in Tugumukti (10%) and Cisarupan (9%). Most of them are absent due probably to schooling reasons, because education level is comparatively high in these two model areas (see the figure above).

- c) The education level of adult population (over 18 years old) is low in Mekarjaya, Gekbrong, and Tanjungkarya. In these model areas, the adult population classified into "no formal education" and "not complete primary school" is about 30%, 23% and 27%, respectively. On the other hand, the education level is comparatively high in Tugumukti, Cisarupan and Cisantana. In these model areas, the adult population classified as "high school graduates" and "educated more than high school" is about 20%, respectively.

As for the education levels of males and females, the males' level is higher than the females' in model areas with the exception of Gekbrong in terms of proportion of adult population without formal education (see the figure on the right).



- d) Occupational status of the economically active population (15-60 years old) is summarized in the table below. As seen in the table, about 40-70% of the population is a farmer (operator) in the model areas. The proportion of farm labors is the highest in Gekbrong (25%) and the lowest in Mekarmukti (2%). This result reveals that the most of farming works are conducted by family labors in the latter area, which belongs to paddy production area. The proportion of economically active population in private business (e.g. shop managers and middlemen) is generally low in the model areas, except for Tanjungkarya (10%) and Langensari (8%).

Percentage Distribution of Economically Active Population by Occupation

Model Area	Farmer (%)	Wage Labor On-farm (%)	Wage Labor Off-farm (%)	Salary Worker (%)	Private Business (%)	Others (%)	Farmer + Wage L. On-farm (%)	Total (%)
1. Mekarjaya	41.5	17.6	2.1	6.3	2.1	30.3	(59.2)	100.0
2. Langensari	48.7	7.0	5.2	1.7	7.8	29.6	(55.7)	100.0
3. Tugumukti	41.1	15.9	2.8	0.9	5.6	33.6	(57.0)	100.0
4. Gekbrong	45.7	25.0	1.1	3.3	5.4	19.6	(70.7)	100.0
5. Cisurupan	38.5	13.2	2.6	6.9	4.0	34.8	(51.7)	100.0
6. Tanjungkarya	47.7	10.3	1.9	0.9	10.3	29.0	(57.9)	100.0
7. Mekarmukti	71.5	1.5	4.6	4.9	3.4	14.1	(73.0)	100.0
8. Cisantana	61.9	3.6	1.5	7.1	2.4	23.5	(65.5)	100.0
Total or Average	51.8	9.7	2.7	5.1	4.3	26.4	(61.5)	100.0

3.2 Estimated Population and Households in Model Areas

Based on the data on the demographic conditions and the land holding status, the population and households in each model area are estimated as shown in the table below. The total population is about 9,700 persons. The model areas with comparatively larger population are Mekarjaya, Cisurupan, Mekarmukti and Cisantana. The total number of households in 8 model areas is 2,200, and an average size of household is about 4.4 persons.

Population, Households and Average Size of Household in Model Areas

Model Area	Study Area (ha)	Population				Total (persons)	Total H'hold (No.)	Ave. Size of H'hold (persons)
		Male		Female				
		(persons)	(%)	(persons)	(%)			
1. Mekarjaya	160	716	52.5	646	47.5	1,362	320	4.25
2. Langensari	110	388	55.4	313	44.6	700	150	4.67
3. Tugumukti	80	106	58.6	74	41.4	180	40	4.50
4. Gekbrong	80	110	58.3	79	41.7	189	40	4.72
5. Cisarupan	190	889	49.2	916	50.8	1,805	370	4.88
6. Tanjungkarya	130	412	51.5	388	48.5	800	140	5.71
7. Mekarmukti	270	873	52.1	804	47.9	1,677	460	3.64
8. Cisantana	330	1,455	48.6	1,537	51.4	2,992	690	4.34
Total or Average	1,350	4,948	51.0	4,757	49.0	9,705	2,210	4.39

Source: Farm Household Interview Survey, JICA Study Team (October - November 1999)

3.3 Participation in Farmers' Organizations

The data on the organizational membership of the households are compiled in Tables from IV-13 to IV-22. The important outcomes from the analyses are described below.

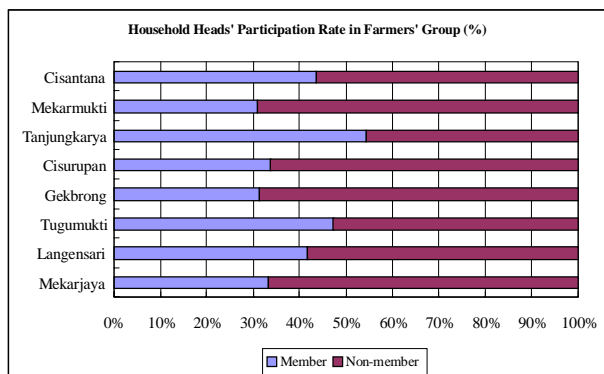
3.3.1 Organizations Surveyed

The organizations surveyed are listed as follows:

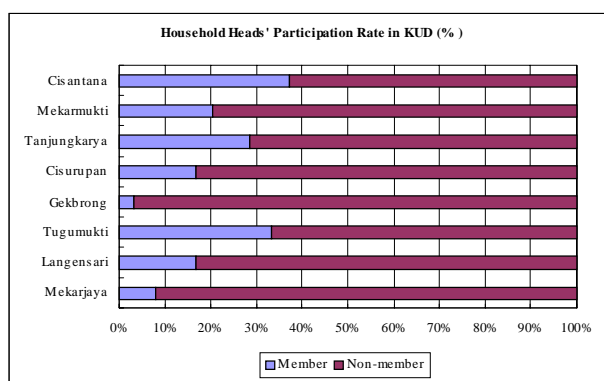
- Farmer group which is a unit of extension and credit services,
- KUD which is a multipurpose primary agricultural cooperative usually located at Sub district level covering some 10 to 20 villages,
- Women's Association (PKK) which is an organization nation-wide in its scope. At village level, PKK supports women's health and hygiene betterment,
- Religious organization which supports Islamite at village level,
- Young farmer group which is a farmer group for youth,
- Farm water users association (WUA) which is an organization responsible for operation and maintenance of irrigation facility, and
- Other organizations.

3.3.2 Participation rate in Farmers' Organizations

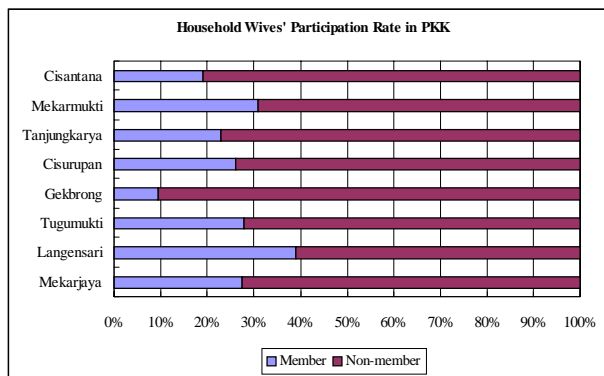
As for the farmer group, the participation rate of household heads is the highest at 54% in Tangungkarya, and the lowest at 31% in Mekarmukti (see the figure on the right). In case of wives, the participation rate to the farmer group is generally low in model areas, and about 10% even in the model areas showing comparatively higher rates (Tugumukti, Tangungkarya and Cisantana).



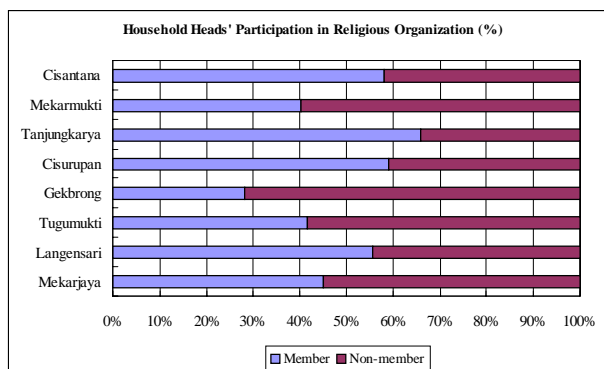
As for KUD, the participation rate of household heads is comparatively high in Tugumukti (33%) and Cisantana (37%), and lower in Gekbrong (3%) and Mekarjaya (8%) (see the figure on the right). In case of wives, the participation rate is less than 10% in all the model areas.



As for PKK, the participation rate of wives is the highest at 39% in Langensari, and the lowest at 9% in Gekbrong (see the figure on the right).

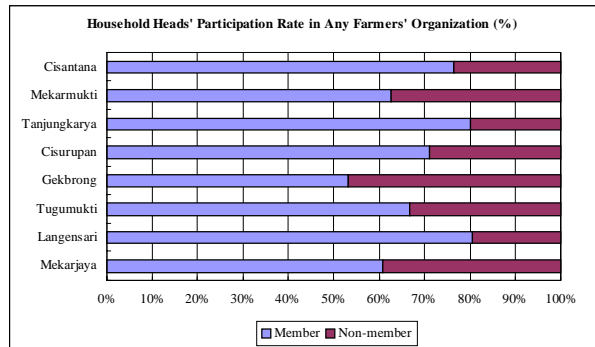


As for religious organization, the participation rates are comparatively high both for the household heads and wives in the model areas ranging from 30% to 60%, except for Gekbrong. In Gekbrong, the rate is about 28% for the household heads and 25% for the wives (see the figure on the right for the household heads).

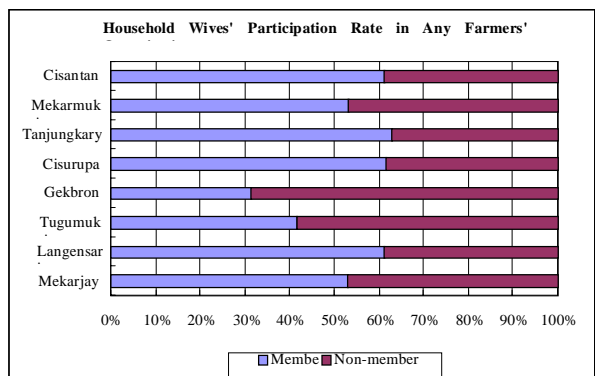


As for WUA and young farmer group, the participation rates are low in all the model areas both for the household heads and their wives.

In addition, the proportion of household heads who do not participate to any farmers' organization is analyzed as shown in the figure on the right.



In the same manner, the proportion of wives who do not participate to any farmers' organizations is also analyzed as shown in the figure on the right.



The proportion of household heads who do not participate to any farmers' organizations is the highest at 47% in Gekbrong followed by Mekarjaya (39%) and Mekarmukti (37%).

In case of the household wives, the proportion is the highest at 69% in Gekbrong followed by Tugumukti (58%) and Mekarjaya (47%). It could be concluded that the organizational activities are inactive in these model areas (i.e. Gekbrong, Mekarjaya, Mekarmukti and Tugumukti). It might be necessary to consider such conditions in the project planning of the farmers' organizations.

3.4 Living Conditions

The data related to the living conditions are compiled in Tables from IV-23 to IV-39. The important outputs from the analyses made on these data are described below.

3.4.1 Availability of Drinking Water

The survey results reveal the major sources of domestic water in the model areas are as follows (each parenthesis shows the percentage of households by water source in the dry season).

- a) Mekarjaya: Spring (41%) and wells (29%)
- b) Langensari: Wells (50%) and piped gravity (25%)

- c) Tugumukti: Spring (67%) and piped gravity (33%)
- d) Gekbrong: Piped gravity (75%) and spring (25%)
- e) Cisurupan: Piped gravity (50%) and spring (26%)
- f) Tanjungkarya: Piped gravity (69%) and spring (14%)
- g) Mekarmukti: Piped gravity (78%) and spring (16%)
- h) Cisantana: Piped gravity (97%)

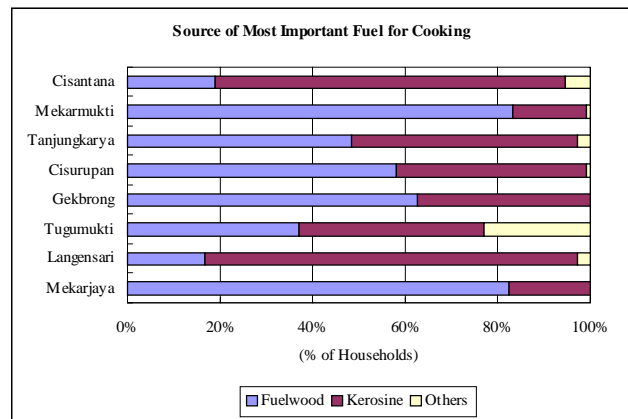
The domestic water supply is short in Gekbrong for about 47% of households in the dry season. In other model areas, such shortage occurs for about 10% to 20% of the households.

3.4.2 Fuel for Cooking

The major source of fuel for cooking in each model area is presented in the figure on the right.

Fuel wood is the most important source for more than 80% of the households in Mekarjaya and Mekarmukti.

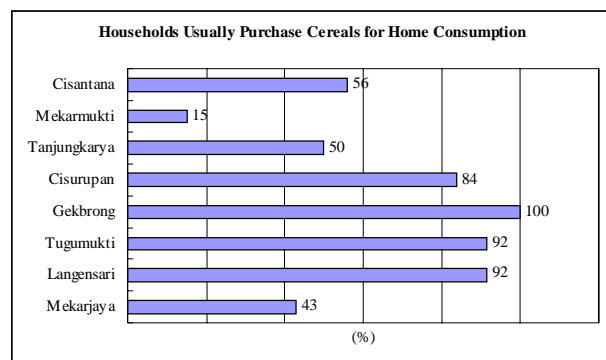
On the other hand, kerosine is the most important source for more than 70% of the households in Langensari and Cisantana.



3.4.3 Degree of Food Self-sufficiency

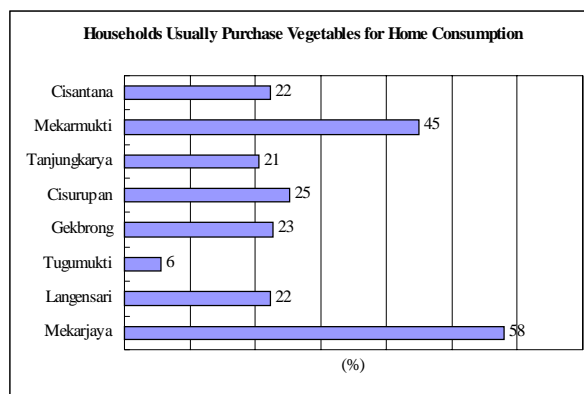
The degree of food self-sufficiency in the households was surveyed for five food items, i.e. cereals, vegetables, roots and tubers, meat, and fishes.

As for cereals, the proportion of households always purchasing for home consumption is considerably high at more than 90% in Langensari, Tugumukti and Gekbrong. These model areas are belonging to the vegetable production area. On the other hand, this proportion is comparatively low in Mekarmukti which belongs to the paddy production area

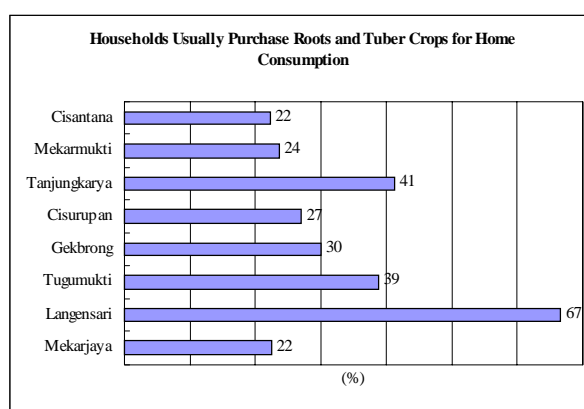


(see the figure above).

As for vegetables, the proportion of households always purchasing for home consumption is comparatively high in Mekarjaya and Mekarmukti. However, the proportion is comparatively low in other areas (see the figure on the right).



As for roots and tubers, the proportion of households always purchasing for home consumption is extremely high in Langensari. In this area, the farmers may be dislike to cultivate low profitable crops such as roots and tubers in their small farmland. In other areas, this proportion is ranging from 22% to 41% (see the figure on the right).



As for meat, there are small differences among the model areas, and more than 90% of the households are always purchasing. As for fishes, about 80-100% of households are always purchasing, with the exception of Tanjungkarya where water availability for fishponds is better than other model areas.

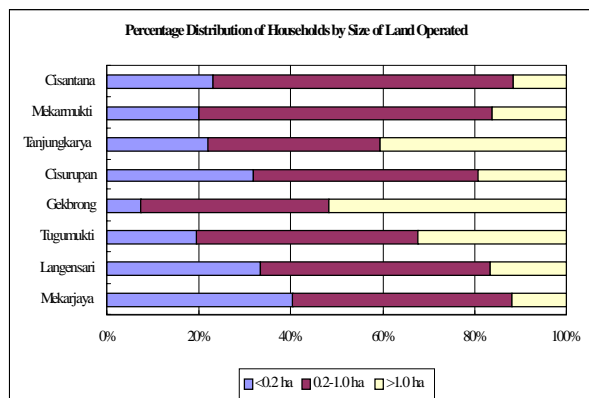
3.5 Land Holding and Land Tenure

The data related to the land holding and land tenurial status are compiled in Tables from IV-40 to IV-59. The important outputs from the analyses made on these data are described below.

3.5.1 Land Holding Size

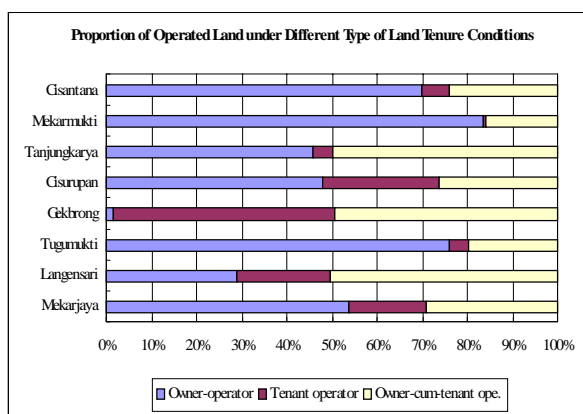
The average size of land operated per household differs among the model areas. It is comparatively large in Tugumukti (0.87 ha), and Gekbrong (0.42 ha). The proportion of small land operators is comparatively high in Mekarjaya, Langensari and Cisurupan. In these model areas, more than 30% of the households operate small land less than 0.2 ha. On the other hand, the proportion of large land

operators whose lands are more than 1 ha is comparatively high in Gekbrong, Tanjungkarya and Tugumukti. The typical land holding size (median of distribution) is 0.12 ha (Mekarjaya) to 0.37 ha (Gekbrong).



3.5.2 Land Tenure

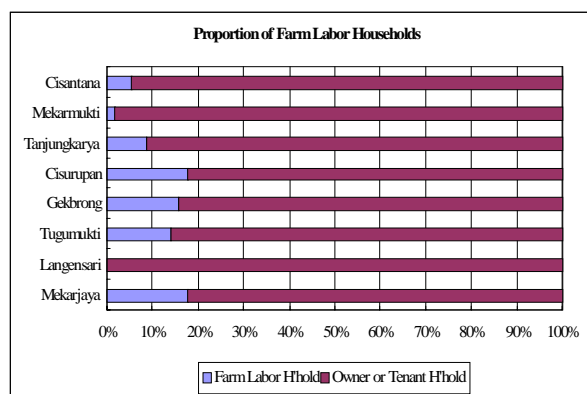
The households in each model area are classified into “owner operators”, “tenant operators”, “owner-cum-tenant operators” and “owner-non-operators (who are land owners, but non-operators)”. As seen in the figure on the right, the proportion of owner operators is comparatively high in five model areas, i.e. Mekarjaya (57%),



Tugumukti (65%), Tanjungkarya (56%), Mekarmukti (85%) and Cisantana (73%). As a matter of course, the proportion of tenant operators is comparatively low in Mekarmukti (2%) and Tanjungkarya (9%). The proportion of tenant operators is extremely high at 56% in Gekbrong in which the proportion of owner operators is only 7%. The proportion of tenant operators is comparatively high in Mekarjaya, Langensari, Tugumukti and Cisurupan. In these areas, however, existence of owner-non-operators was not confirmed except in Cisurupan. This result may indicate that a certain proportion of lands is owned by city landowners who invested in land in vegetable production areas. It is said that the proportion of land owned by such city landowners is considerably large in Langensari, Tugumukti and Gekbrong.

The farmland classified in terms of its tenurial status is presented in the figure on the right. As seen in the figure, more than 70% of farmland is operated by owner operators in Tugumukti, Mekarmukti and Cisantana. On the other hand, farmland operated by tenant operators is extremely high at 49% in Gekbrong. However, such proportion is comparatively low in other areas.

The existence of farm labor households was also clarified in the farm household interview survey. According to the survey results, the proportion of farm labor households is comparatively high at about 18% both in Mekarjaya and Cisarupan. Such proportion is comparatively low in Mekarmukti (2%) and Langensari (0%).

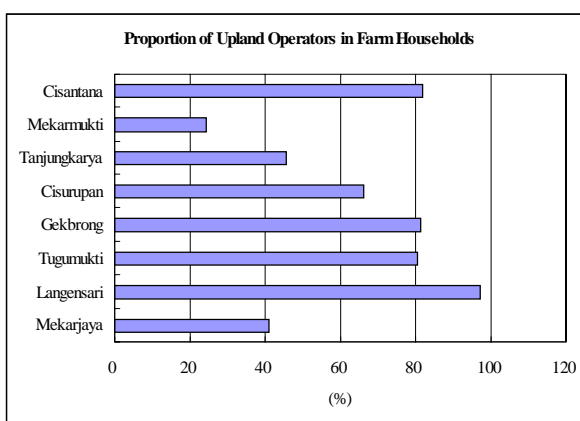


3.6 Cropping Pattern

The data on cropping patterns are compiled in Tables from IV-60 to IV-66. The major outputs from the analyses made on these data are as follows.

3.6.1 Proportion of Upland Operators

The proportion of farmers who operate the upland differs among the model areas ranging from 97% in Langensari to 24% in Mekarmukti (see the figure on the right).

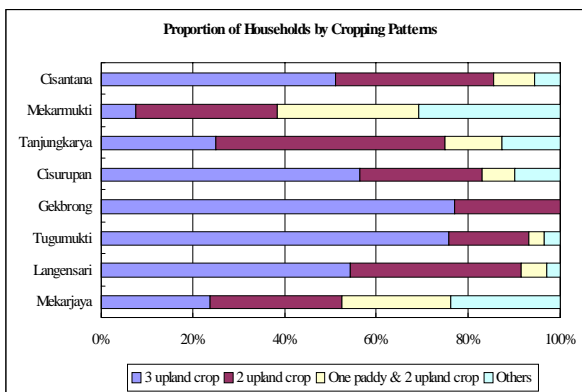


Non-upland operators may operate rainfed paddy and/or irrigated paddy lands. This reveals that the considerable proportion of the target group of Mekarjaya, Tanjungkarya and Mekarmukti is paddy cultivators whose technology for vegetable cultivation is not always high. Such aspects have to be taken into account in the project planning.

3.6.2 Cropping Pattern in Upland

The cropping patterns practiced by the farmers in the upland are presented in the figure shown below.

As seen in the figure, a considerable proportion of farmers practices three cropping a year in Langensari, Tugumukti, Gekbrong, Cisurupan and Cisantana. On the other hand, upland paddy, which productivity is generally low, is cultivated with a considerable proportion in Mekarjaya and Mekarmukti in the upland.



Tables

Table IV-1 Total Household Members by Sex and Household Heads by Sex

Model Area	Total No. of H'hold Members (FN9)						Sex of H'hold Members (SEX)						Ave. Size of H'hold (person)	Sex of H'hold Heads (SEX)			
	Sample H'hold (No.)	Respondent (No.)	Total (person)	Max. (person)	Min. (person)	Ave. (person)	Male (person)	Female (person)	Total Population (person)	Male (%)	Female (%)	Sex Ratio (M/F)		Male (person)	Female (person)	Total Population (person)	Female HH Head (%)
1. Mekarjaya	51	51	217	8	2	4.25	114	103	217	52.53	47.47	110.7	4.25	44	7	51	13.73
2. Langensari	36	36	168	10	3	4.67	93	75	168	55.36	44.64	124.0	4.67	35	1	36	2.78
3. Tugumukti	36	36	162	9	2	4.50	95	67	162	58.64	41.36	141.8	4.50	34	2	36	5.56
4. Gekbrong	32	32	151	8	3	4.72	88	63	151	58.28	41.72	139.7	4.72	32	0	32	0.00
5. Cisurupan	107	107	522	9	2	4.88	257	265	522	49.23	50.77	97.0	4.88	92	14	106	13.21
6. Tanjungkarya	35	35	200	10	2	5.71	103	97	200	51.50	48.50	106.2	5.71	33	2	35	5.71
7. Mekarmukti	107	107	390	8	1	3.64	203	187	390	52.05	47.95	108.6	3.64	89	18	107	16.82
8. Cisantana	110	110	477	10	2	4.34	232	245	477	48.64	51.36	94.7	4.34	105	5	110	4.55
Total or Average	514	514	2,287	10	1	4.45	1,185	1,102	2,287	51.81	48.19	107.5	4.45	464	49	513	9.55

Table IV-2 Household Members by Age Group and Absentees in Households

Model Area	H'hold Members by Age Group (AGE)												Absentees in H'holds (PA)			
	Sample H'hold (No.)	Respondent (No.)	0 - 4 (prn)	5 - 9 (prn)	10 - 14 (prn)	15 - 19 (prn)	20 - 29 (prn)	30 - 39 (prn)	40 - 49 (prn)	50 - 59 (prn)	60 - 69 (prn)	> 69 (prn)	Total (prn)	Male (person)	Female (person)	Total Population (person)
1. Mekarjaya	51	51	15	20	29	30	34	21	31	22	9	6	217	1	1	2
2. Langensari	36	36	13	14	22	26	32	21	20	15	3	2	168	1	0	1
3. Tugumukti	36	36	8	13	23	28	22	19	20	15	10	4	162	10	7	17
4. Gekbrong	32	32	15	21	23	16	28	30	15	2	1	0	151	2	0	2
5. Cisurupan	107	107	46	56	59	72	90	54	64	59	17	5	522	23	26	49
6. Tanjungkarya	35	35	21	27	40	28	17	23	21	15	8	0	200	0	0	
7. Mekarmukti	107	107	18	34	34	32	37	47	69	58	40	21	390	3	0	3
8. Cisantana	110	110	29	27	44	69	81	63	61	45	38	20	477	3	6	9
Total or Average	514	514	165	212	274	301	341	278	301	231	126	58	2,287	43	40	83

Table IV-3 Percentage Distribution of Household Members by Age Group and Percentage of Absentees in Households

Model Area	Percentage Distribution of H'hold Members by Age Group (AGE)												% of Absentees (PA)			
	Sample H'hold (No.)	Respondent (No.)	0 - 4 (%)	5 - 9 (%)	10 - 14 (%)	15 - 19 (%)	20 - 29 (%)	30 - 39 (%)	40 - 49 (%)	50 - 59 (%)	60 - 69 (%)	> 69 (%)	Total (%)	Male (%)	Female (%)	Total Population (%)
1. Mekarjaya	51	51	6.91	9.22	13.36	13.82	15.67	9.68	14.29	10.14	4.15	2.76	100.00	0.46	0.46	0.92
2. Langensari	36	36	7.74	8.33	13.10	15.48	19.05	12.50	11.90	8.93	1.79	1.19	100.00	0.60	0.00	0.60
3. Tugumukti	36	36	4.94	8.02	14.20	17.28	13.58	11.73	12.35	9.26	6.17	2.47	100.00	6.17	4.32	10.49
4. Gekbrong	32	32	9.93	13.91	15.23	10.60	18.54	19.87	9.93	1.32	0.66	0.00	100.00	1.32	0.00	1.32
5. Cisurupan	107	107	8.81	10.73	11.30	13.79	17.24	10.34	12.26	11.30	3.26	0.96	100.00	4.41	4.98	9.39
6. Tanjungkarya	35	35	10.50	13.50	20.00	14.00	8.50	11.50	10.50	7.50	4.00	0.00	100.00	0.00	0.00	0.00
7. Mekarmukti	107	107	4.62	8.72	8.72	8.21	9.49	12.05	17.69	14.87	10.26	5.38	100.00	0.77	0.00	0.77
8. Cisantana	110	110	6.08	5.66	9.22	14.47	16.98	13.21	12.79	9.43	7.97	4.19	100.00	0.63	1.26	1.89
Total or Average	514	514	7.21	9.27	11.98	13.16	14.91	12.16	13.16	10.10	5.51	2.54	100.00	1.88	1.75	3.63

Table IV-4 Economically Active Population and Main Occupation of Household Members

Model Area	Economically Active Population (15-60 Yrs) (AGE+SEX)							Main Occupation of Household Members (OCC)										
	Male		Female		Total		% in Total (%)	Code No.										Total (prn)
	(prn)	(%)	(prn)	(%)	(prn)	(%)		1 (prn)	2 (prn)	3 (prn)	4 (prn)	5 (prn)	6 (prn)	7 (prn)	8 (prn)	9 (prn)	10 (prn)	
1. Mekarjaya	72	50.70	70	49.30	142	100.00	65.44	59	25	3	9	3	24	2	40	33	19	217
2. Langensari	60	52.17	55	47.83	115	100.00	68.45	56	8	6	2	9	12	5	48	22	0	168
3. Tugumukti	57	53.27	50	46.73	107	100.00	66.05	44	17	3	1	6	18	10	29	16	18	162
4. Gekbrong	53	57.61	39	42.39	92	100.00	60.93	42	23	1	3	5	10	32	11	23	1	151
5. Cisurupan	170	48.85	178	51.15	348	100.00	66.67	134	46	9	24	14	65	87	66	69	8	522
6. Tanjungkarya	56	52.34	51	47.66	107	100.00	53.50	51	11	2	1	11	16	46	31	31	0	200
7. Mekarmukti	127	48.29	136	51.71	263	100.00	67.44	188	4	12	13	9	45	51	29	36	3	390
8. Cisantana	160	47.62	176	52.38	336	100.00	70.44	208	12	5	24	8	54	80	47	32	7	477
Total or Average	755	50.00	755	50.00	1,510	100.00	66.03	782	146	41	77	65	244	313	301	262	56	2,287

Code for Main Occupation

- | | | | |
|-------------------------------|---------------------|------------|------------|
| 1. Farmer | 4. Salary worker | 7. Student | 10. Others |
| 2. Wage labor on farm | 5. Private business | 8. No job | |
| 3. Wage labor other than farm | 6. House activities | 9. Child | |

Table IV-5 Percentage Distribution of Economically Active Population by Main Occupation of Household Members

Model Area	Percentage Distribution of Main Occupation of Total Household Members (OCC)										
	Code No.										Total (prn)
	1 (prn)	2 (prn)	3 (prn)	4 (prn)	5 (prn)	6 (prn)	7 (prn)	8 (prn)	9 (prn)	10 (prn)	
1. Mekarjaya	27.19	11.52	1.38	4.15	1.38	11.06	0.92	18.43	15.21	8.76	100.00
2. Langensari	33.33	4.76	3.57	1.19	5.36	7.14	2.98	28.57	13.10	0.00	100.00
3. Tugumukti	27.16	10.49	1.85	0.62	3.70	11.11	6.17	17.90	9.88	11.11	100.00
4. Gekbrong	27.81	15.23	0.66	1.99	3.31	6.62	21.19	7.28	15.23	0.66	100.00
5. Cisurupan	25.67	8.81	1.72	4.60	2.68	12.45	16.67	12.64	13.22	1.53	100.00
6. Tanjungkarya	25.50	5.50	1.00	0.50	5.50	8.00	23.00	15.50	15.50	0.00	100.00
7. Mekarmukti	48.21	1.03	3.08	3.33	2.31	11.54	13.08	7.44	9.23	0.77	100.00
8. Cisantana	43.61	2.52	1.05	5.03	1.68	11.32	16.77	9.85	6.71	1.47	100.00
Total or Average	34.19	6.38	1.79	3.37	2.84	10.67	13.69	13.16	11.46	2.45	100.00

Code for Main Occupation

- | | | | |
|-------------------------------|---------------------|------------|------------|
| 1. Farmer | 4. Salary worker | 7. Student | 10. Others |
| 2. Wage labor on farm | 5. Private business | 8. No job | |
| 3. Wage labor other than farm | 6. House activities | 9. Child | |

Table IV-6 Involvement in Farming Activities among Household Members and Their Distribution by Sex

Model Area	Total HH Members (prn)	Involvement in Farm (FARM)				Involve. in Farm by Sex (FARM+SEX)					
		Yes		No		Male		Female		Total	
		(prn)	(%)	(prn)	(%)	(prn)	(%)	(prn)	(%)	(prn)	(%)
1. Mekarjaya	217	92	42.40	125	57.60	58	63.04	34	36.96	92	100.00
2. Langensari	168	72	42.86	96	57.14	44	61.11	28	38.89	72	100.00
3. Tugumukti	162	59	36.42	103	63.58	35	59.32	24	40.68	59	100.00
4. Gekbrong	151	63	41.72	88	58.28	42	66.67	21	33.33	63	100.00
5. Cisurupan	522	195	37.36	327	62.64	119	61.03	76	38.97	195	100.00
6. Tanjungkarya	200	66	33.00	134	67.00	42	63.64	24	36.36	66	100.00
7. Mekarmukti	390	211	54.10	179	45.90	124	58.77	87	41.23	211	100.00
8. Cisantana	477	217	45.49	260	54.51	135	62.21	82	37.79	217	100.00
Total or Average	2,287	975	42.63	1,312	57.37	599	61.44	376	38.56	975	100.00

Table IV-7 Involvement in Farming Activities among Household Members and Their Distribution by Age Group

Model Area	Total H'hold Members (prn)	Involvement in Farming by Age Groups (FARM+AGE)											
		Number of Persons						Percentage Distribution					
		Below 15 (prn)	15-29 yrs (prn)	30-44 yrs (prn)	45-60 (prn)	> 60 yrs (prn)	Total (prn)	Below 15 (%)	15-29 yrs (%)	30-44 yrs (%)	45-60 (%)	> 60 yrs (%)	Total (%)
1. Mekarjaya	217	3	15	31	34	9	92	3.26	16.30	33.70	36.96	9.78	100.00
2. Langensari	168	0	24	22	23	3	72	0.00	33.33	30.56	31.94	4.17	100.00
3. Tugumukti	162	1	11	18	21	8	59	1.69	18.64	30.51	35.59	13.56	100.00
4. Gekbrong	151	1	23	29	10	0	63	1.59	36.51	46.03	15.87	0.00	100.00
5. Cisurupan	522	2	52	58	76	7	195	1.03	26.67	29.74	38.97	3.59	100.00
6. Tanjungkarya	200	3	9	30	21	3	66	4.55	13.64	45.45	31.82	4.55	100.00
7. Mekarmukti	390	0	25	63	94	29	211	0.00	11.85	29.86	44.55	13.74	100.00
8. Cisantana	477	0	56	64	68	29	217	0.00	25.81	29.49	31.34	13.36	100.00
Total or Average	2,287	10	215	315	347	88	975	1.03	22.05	32.31	35.59	9.03	100.00

Table IV-8 Education Status of Adult Population (Over 18)

Model Area	Sample H'hold (No.)	Respon- dent (No.)	Education Status of Adult Population (over 18 yrs) (EDU)																		
			Code No. (No. of Persons)									Code No. (Percentage Distribution)									
			1 (prn)	2 (prn)	3 (prn)	4 (prn)	5 (prn)	6 (prn)	7 (prn)	8 (prn)	Total (prn)	1 (%)	2 (%)	3 (%)	4 (%)	5 (%)	6 (%)	7 (%)	8 (%)	Total (%)	
1. Mekarjaya	51	51	22	16	68	2	6	0	6	5	125	17.60	12.80	54.40	1.60	4.80	0.00	4.80	4.00	100.00	
2. Langensari	36	36	1	11	62	2	9	0	10	4	99	1.01	11.11	62.63	2.02	9.09	0.00	10.10	4.04	100.00	
3. Tugumukti	36	36	2	14	53	0	7	1	13	5	95	2.11	14.74	55.79	0.00	7.37	1.05	13.68	5.26	100.00	
4. Gekbrong	32	32	3	15	46	1	4	0	3	5	77	3.90	19.48	59.74	1.30	5.19	0.00	3.90	6.49	100.00	
5. Cisurupan	107	107	5	38	155	3	44	4	38	15	302	1.66	12.58	51.32	0.99	14.57	1.32	12.58	4.97	100.00	
7. Mekarmukti	107	107	12	15	217	0	19	0	12	2	277	4.33	5.42	78.34	0.00	6.86	0.00	4.33	0.72	100.00	
8. Cisantana	110	110	9	25	175	2	42	0	47	23	323	2.79	7.74	54.18	0.62	13.00	0.00	14.55	7.12	100.00	
Total or Average	514	514	58	154	820	11	141	5	137	60	1,386	4.18	11.11	59.16	0.79	10.17	0.36	9.88	4.33	100.00	

Code for Education

- | | | |
|------------------------|-----------------|------------------|
| 1. No formal education | 4. Drop-out SMP | 7. Graduate SMA |
| 2. Drop-out SD | 5. Graduate SMP | 8. More than SMA |
| 3. Graduate SD | 6. Drop-out SMA | |

Table IV-9 Education Status of Adult Population (Male; Over 18)

Model Area	Sample H'hold (No.)	Respon- dent (No.)	Education Status of Adult Population (Male; over 18 yrs) (EDU+SEX+AGE)																		
			Code No. (No. of Persons)									Code No. (Percentage Distribution)									
			1 (prn)	2 (prn)	3 (prn)	4 (prn)	5 (prn)	6 (prn)	7 (prn)	8 (prn)	Total (prn)	1 (%)	2 (%)	3 (%)	4 (%)	5 (%)	6 (%)	7 (%)	8 (%)	Total (%)	
1. Mekarjaya	51	51	9	8	33	2	4	0	4	2	62	14.52	12.90	53.23	3.23	6.45	0.00	6.45	3.23	100.00	
2. Langensari	36	36	0	6	29	1	7	0	6	3	52	0.00	11.54	55.77	1.92	13.46	0.00	11.54	5.77	100.00	
3. Tugumukti	36	36	0	8	23	0	6	0	8	4	49	0.00	16.33	46.94	0.00	12.24	0.00	16.33	8.16	100.00	
4. Gekbrong	32	32	2	9	22	1	2	0	1	3	40	5.00	22.50	55.00	2.50	5.00	0.00	2.50	7.50	100.00	
5. Cisurupan	107	107	2	19	66	2	27	3	20	12	151	1.32	12.58	43.71	1.32	17.88	1.99	13.25	7.95	100.00	
6. Tanjungkarya	35	35	1	10	24	0	7	0	6	0	48	2.08	20.83	50.00	0.00	14.58	0.00	12.50	0.00	100.00	
7. Mekarmukti	107	107	4	7	107	0	12	0	9	2	141	2.84	4.96	75.89	0.00	8.51	0.00	6.38	1.42	100.00	
8. Cisantana	110	110	3	16	82	2	21	0	23	14	161	1.86	9.94	50.93	1.24	13.04	0.00	14.29	8.70	100.00	
Total or Average	514	514	21	83	386	8	86	3	77	40	704	2.98	11.79	54.83	1.14	12.22	0.43	10.94	5.68	100.00	

Code for Education

- | | | |
|------------------------|-----------------|------------------|
| 1. No formal education | 4. Drop-out SMP | 7. Graduate SMA |
| 2. Drop-out SD | 5. Graduate SMP | 8. More than SMA |
| 3. Graduate SD | 6. Drop-out SMA | |

Table IV-10 Education Status of Adult Population (Female; Over 18)

Model Area	Sample H'hold (No.)	Respon- dent (No.)	Education Status of Adult Population (Female; over 18 yrs) (EDU+SEX+AGE)																		
			Code No. (No. of Persons)									Code No. (Percentage Distribution)									
			1 (prn)	2 (prn)	3 (prn)	4 (prn)	5 (prn)	6 (prn)	7 (prn)	8 (prn)	Total (prn)	1 (%)	2 (%)	3 (%)	4 (%)	5 (%)	6 (%)	7 (%)	8 (%)	Total (%)	
1. Mekarjaya	51	51	13	8	35	0	2	0	2	3	63	20.63	12.70	55.56	0.00	3.17	0.00	3.17	4.76	100.00	
2. Langensari	36	36	1	5	33	1	2	0	4	1	47	2.13	10.64	70.21	2.13	4.26	0.00	8.51	2.13	100.00	
3. Tugumukti	36	36	2	6	30	0	1	1	5	1	46	4.35	13.04	65.22	0.00	2.17	2.17	10.87	2.17	100.00	
4. Gekbrong	32	32	1	6	24	0	2	0	2	2	37	2.70	16.22	64.86	0.00	5.41	0.00	5.41	5.41	100.00	
5. Cisurupan	107	107	3	19	89	1	17	1	18	3	151	1.99	12.58	58.94	0.66	11.26	0.66	11.92	1.99	100.00	
6. Tanjungkarya	35	35	3	10	20	1	3	0	2	1	40	7.50	25.00	50.00	2.50	7.50	0.00	5.00	2.50	100.00	
7. Mekarmukti	107	107	8	8	110	0	7	0	3	0	136	5.88	5.88	80.88	0.00	5.15	0.00	2.21	0.00	100.00	
8. Cisantana	110	110	6	9	93	0	21	0	24	9	162	3.70	5.56	57.41	0.00	12.96	0.00	14.81	5.56	100.00	
Total or Average	514	514	37	71	434	3	55	2	60	20	682	5.43	10.41	63.64	0.44	8.06	0.29	8.80	2.93	100.00	

Code for Education

- | | | |
|------------------------|-----------------|------------------|
| 1. No formal education | 4. Drop-out SMP | 7. Graduate SMA |
| 2. Drop-out SD | 5. Graduate SMP | 8. More than SMA |
| 3. Graduate SD | 6. Drop-out SMA | |

TableIV-11 Education Status of Children (All Children; Below 18 Yrs)

Model Area	Sample H'hold (No.)	Respondent (No.)	Education Status of Children (All Children; Below 18 years) (EDU+AGE)							
			Code No. (No. of Persons)				Code No. (% distribution)			
			9 (prn)	10 (prn)	11 (prn)	Total (prn)	9 (%)	10 (%)	11 (%)	Total (%)
1. Mekarjaya	51	51	67	2	23	92	72.83	2.17	25.00	100.00
2. Langensari	36	36	47	4	18	69	68.12	5.80	26.09	100.00
3. Tugumukti	36	36	55	4	8	67	82.09	5.97	11.94	100.00
4. Gekbrong	32	32	43	8	23	74	58.11	10.81	31.08	100.00
5. Cisurupan	107	107	150	8	62	220	68.18	3.64	28.18	100.00
6. Tanjungkarya	35	35	74	8	30	112	66.07	7.14	26.79	100.00
7. Mekarmukti	107	107	79	4	30	113	69.91	3.54	26.55	100.00
8. Cisantana	110	110	118	3	33	154	76.62	1.95	21.43	100.00
Total or Average	514	514	633	41	227	901	70.26	4.55	25.19	100.00

Code for Education

- 9. Presently in school
- 10. No Schooling
- 11. Before schooling age

Table IV-12 Education Status of Children (Male & Female; Below 18 Yrs)

Model Area	Sample H'hold (No.)	Respondent (No.)	Education Status of Children (Male; Below 18 Yrs) (EDU+AGE+SEX)								Respondent (No.)	Education Status of Children (Female; Below 18 Yrs) (EDU+AGE+SEX)							
			Code No. (No. of Persons)				Code No. (% distribution)					Code No. (No. of Persons)				Code No. (% distribution)			
			9 (prn)	10 (prn)	11 (prn)	Total (prn)	9 (%)	10 (%)	11 (%)	Total (%)		9 (prn)	10 (prn)	11 (prn)	Total (prn)	9 (%)	10 (%)	11 (%)	Total (%)
1. Mekarjaya	51	51	36	1	15	52	69.23	1.92	28.85	100.00	51	31	1	8	40	59.62	1.92	15.38	76.92
2. Langensari	36	36	28	3	10	41	68.29	7.32	24.39	100.00	36	19	1	8	28	46.34	2.44	19.51	68.29
3. Tugumukti	36	36	36	4	6	46	78.26	8.70	13.04	100.00	36	19	0	2	21	41.30	0.00	4.35	45.65
4. Gekbrong	32	32	29	5	14	48	60.42	10.42	29.17	100.00	32	14	3	9	26	29.17	6.25	18.75	54.17
5. Cisurupan	107	107	68	3	35	106	64.15	2.83	33.02	100.00	107	82	5	27	114	77.36	4.72	25.47	107.55
6. Tanjungkarya	35	35	37	4	14	55	67.27	7.27	25.45	100.00	35	37	4	16	57	67.27	7.27	29.09	103.64
7. Mekarmukti	107	107	43	2	17	62	69.35	3.23	27.42	100.00	107	36	2	13	51	58.06	3.23	20.97	82.26
8. Cisantana	110	110	58	2	11	71	81.69	2.82	15.49	100.00	110	60	1	22	83	84.51	1.41	30.99	116.90
Total or Average	514	514	335	24	122	481	69.65	4.99	25.36	100.00	514	298	17	105	420	61.95	3.53	21.83	87.32

Code for Education

- 9. Presently in school
- 10. No Schooling
- 11. Before schooling age

Table IV-13 Organizational Membership of Household Heads

Model Area	Organizational Membership of Household Heads																			
	Sample H'hold (No.)	Respon- dent (No.)	No. of Organizations									No. of Organizations								
			1 (FN10) (No.)	2 (FN11) (No.)	3 (FN12) (No.)	4 (FN13) (No.)	5 (FN14) (No.)	6 (FN15) (No.)	7 (FN16) (No.)	8 (FN17) (No.)	Total (No.)	1 (FN10) (%)	2 (FN11) (%)	3 (FN12) (%)	4 (FN13) (%)	5 (FN14) (%)	6 (FN15) (%)	7 (FN16) (%)	8 (FN17) (%)	Total (%)
1. Mekarjaya	51	51	17	2	4	0	23	4	3	20	73	33.33	3.92	7.84	0.00	45.10	7.84	5.88	39.22	143.14
2. Langensari	36	36	15	1	6	0	20	2	3	7	54	41.67	2.78	16.67	0.00	55.56	5.56	8.33	19.44	150.00
3. Tugumukti	36	36	17	4	12	0	15	3	2	12	65	47.22	11.11	33.33	0.00	41.67	8.33	5.56	33.33	180.56
4. Gekbrong	32	32	10	0	1	0	9	0	2	15	37	31.25	0.00	3.13	0.00	28.13	0.00	6.25	46.88	115.63
5. Cisurupan	107	107	36	2	18	1	63	2	4	31	157	33.64	1.87	16.82	0.93	58.88	1.87	3.74	28.97	146.73
6. Tanjungkarya	35	35	19	4	10	1	23	2	2	7	68	54.29	11.43	28.57	2.86	65.71	5.71	5.71	20.00	194.29
7. Mekarmukti	107	107	33	7	22	2	43	12	3	40	162	30.84	6.54	20.56	1.87	40.19	11.21	2.80	37.38	151.40
8. Cisantana	110	110	48	4	41	1	64	3	6	26	193	43.64	3.64	37.27	0.91	58.18	2.73	5.45	23.64	175.45
Total or Average	514	514	195	24	114	5	260	28	25	158	809	37.94	4.67	22.18	0.97	50.58	5.45	4.86	30.74	157.39

Code for Organization

- | | | |
|----------------------|---------------------------|---------------|
| 1. Kelompok Tani | 4. PKK | 7. Others |
| 2. Water Users Group | 5. Religious Organization | 8. Non-member |
| 3. KUD | 6. Youth Organization | |

Table IV-14 Organization Membership of Household Head Wives

Model Area	Organizational Membership of Household Heads' Wives																			
	Sample H'hold (No.)	Respon- dent (No.)	No. of Organizations									No. of Organizations								
			1 (FN18) (No.)	2 (FN19) (No.)	3 (FN20) (No.)	4 (FN21) (No.)	5 (FN22) (No.)	6 (FN23) (No.)	7 (FN24) (No.)	8 (FN25) (No.)	Total (No.)	1 (FN18) (%)	2 (FN19) (%)	3 (FN20) (%)	4 (FN21) (%)	5 (FN22) (%)	6 (FN23) (%)	7 (FN24) (%)	8 (FN25) (%)	Total (%)
1. Mekarjaya	51	51	2	0	0	14	21	1	1	24	63	3.92	0.00	0.00	27.45	41.18	1.96	1.96	47.06	123.53
2. Langensari	36	36	2	0	1	14	18	0	0	14	49	5.56	0.00	2.78	38.89	50.00	0.00	0.00	38.89	136.11
3. Tugumukti	36	36	4	2	2	10	10	0	1	21	50	11.11	5.56	5.56	27.78	27.78	0.00	2.78	58.33	138.89
4. Gekbrong	32	32	3	0	0	3	8	0	0	22	36	9.38	0.00	0.00	9.38	25.00	0.00	0.00	68.75	112.50
5. Cisurupan	107	107	6	1	4	28	57	0	1	41	138	5.61	0.93	3.74	26.17	53.27	0.00	0.93	38.32	128.97
6. Tanjungkarya	35	35	4	1	3	8	19	1	0	13	49	11.43	2.86	8.57	22.86	54.29	2.86	0.00	37.14	140.00
7. Mekarmukti	107	107	9	2	4	33	43	5	3	50	149	8.41	1.87	3.74	30.84	40.19	4.67	2.80	46.73	139.25
8. Cisantana	110	110	12	0	8	21	43	2	2	12	100	10.91	0.00	7.27	19.09	39.09	1.82	1.82	10.91	90.91
Total or Average	514	514	42	6	22	131	219	9	8	197	634	8.17	1.17	4.28	25.49	42.61	1.75	1.56	38.33	123.35

Code for Organization

- | | | |
|----------------------|---------------------------|---------------|
| 1. Kelompok Tani | 4. PKK | 7. Others |
| 2. Water Users Group | 5. Religious Organization | 8. Non-member |
| 3. KUD | 6. Youth Organization | |

Table IV-15 Organizational Membership of Household Heads - Owned Land Operator

Model Area	Organizational Membership of Household Heads Classified as Owned Land Operators (FN74)																			
	Sample H'hold (No.)	Respon- dent (No.)	No. of Organizations									No. of Organizations								
			1 (FN10) (No.)	2 (FN11) (No.)	3 (FN12) (No.)	4 (FN13) (No.)	5 (FN14) (No.)	6 (FN15) (No.)	7 (FN16) (No.)	8 (FN17) (No.)	Total (No.)	1 (FN10) (%)	2 (FN11) (%)	3 (FN12) (%)	4 (FN13) (%)	5 (FN14) (%)	6 (FN15) (%)	7 (FN16) (%)	8 (FN17) (%)	Total (%)
	1. Mekarjaya	51	23	9	1	3	0	9	0	1	10	33	39.13	4.35	13.04	0.00	39.13	0.00	4.35	43.48
2. Langensari	36	14	4	0	1	0	7	2	2	3	19	28.57	0.00	7.14	0.00	50.00	14.29	14.29	21.43	135.71
3. Tugumukti	36	20	12	3	8	0	9	0	1	5	38	60.00	15.00	40.00	0.00	45.00	0.00	5.00	25.00	190.00
4. Gekbrong	32	2	1	0	0	0	1	0	0	1	3	50.00	0.00	0.00	0.00	50.00	0.00	0.00	50.00	150.00
5. Cisurupan	107	51	22	0	10	0	31	2	2	14	81	43.14	0.00	19.61	0.00	60.78	3.92	3.92	27.45	158.82
6. Tanjungkarya	35	18	9	2	5	1	12	2	2	3	36	50.00	11.11	27.78	5.56	66.67	11.11	11.11	16.67	200.00
7. Mekarmukti	107	90	30	6	20	2	39	11	3	31	142	33.33	6.67	22.22	2.22	43.33	12.22	3.33	34.44	157.78
8. Cisantana	110	72	38	2	32	1	49	1	3	12	138	52.78	2.78	44.44	1.39	68.06	1.39	4.17	16.67	191.67
Total or Average	514	290	125	14	79	4	157	18	14	79	490	43.10	4.83	27.24	1.38	54.14	6.21	4.83	27.24	168.97

Code for Organization

- 1. Kelompok Tani
- 2. Water Users Group
- 3. KUD
- 4. PKK
- 5. Religious Organization
- 6. Youth Organization
- 7. Others
- 8. Non-member

Table IV-16 Organizational Membership of Household Heads - Owned Land and Rented Land Operators

Model Area	Organizational Membership of Household Heads Classified as Owned Land and Rented Land Operators (FN75)																			
	Sample H'hold (No.)	Respon- dent (No.)	No. of Organizations									No. of Organizations								
			1 (FN10) (No.)	2 (FN11) (No.)	3 (FN12) (No.)	4 (FN13) (No.)	5 (FN14) (No.)	6 (FN15) (No.)	7 (FN16) (No.)	8 (FN17) (No.)	Total (No.)	1 (FN10) (%)	2 (FN11) (%)	3 (FN12) (%)	4 (FN13) (%)	5 (FN14) (%)	6 (FN15) (%)	7 (FN16) (%)	8 (FN17) (%)	Total (%)
	1. Mekarjaya	51	4	1	0	1	0	1	1	0	3	7	25.00	0.00	25.00	0.00	25.00	25.00	0.00	75.00
2. Langensari	36	13	9	1	4	0	9	0	0	0	23	69.23	7.69	30.77	0.00	69.23	0.00	0.00	0.00	176.92
3. Tugumukti	36	4	3	1	3	0	2	0	1	0	10	75.00	25.00	75.00	0.00	50.00	0.00	25.00	0.00	250.00
4. Gekbrong	32	9	3	0	1	0	1	0	1	3	9	33.33	0.00	11.11	0.00	11.11	0.00	11.11	33.33	100.00
5. Cisurupan	107	14	6	0	4	0	11	0	0	1	22	42.86	0.00	28.57	0.00	78.57	0.00	0.00	7.14	157.14
6. Tanjungkarya	35	11	8	2	4	0	8	0	0	1	23	72.73	18.18	36.36	0.00	72.73	0.00	0.00	9.09	209.09
7. Mekarmukti	107	12	3	1	2	0	4	1	0	5	16	25.00	8.33	16.67	0.00	33.33	8.33	0.00	41.67	133.33
8. Cisantana	110	18	8	1	6	0	11	2	1	3	32	44.44	5.56	33.33	0.00	61.11	11.11	5.56	16.67	177.78
Total or Average	514	85	41	6	25	0	47	4	3	16	142	48.24	7.06	29.41	0.00	55.29	4.71	3.53	18.82	167.06

Code for Organization

- 1. Kelompok Tani
- 2. Water Users Group
- 3. KUD
- 4. PKK
- 5. Religious Organization
- 6. Youth Organization
- 7. Others
- 8. Non-member

TableIV-17 Organizational Membership of Household Heads - Rented Land Operators

Model Area	Organizational Membership of Household Heads Classified as Rented Land Operators (FN76)																			
	Sample H'hold	Respon- dent	No. of Organizations									No. of Organizations								
			1	2	3	4	5	6	7	8	Total	1	2	3	4	5	6	7	8	Total
	(No.)	(No.)	(FN10)	(FN11)	(FN12)	(FN13)	(FN14)	(FN15)	(FN16)	(FN17)	(No.)	(FN10)	(FN11)	(FN12)	(FN13)	(FN14)	(FN15)	(FN16)	(FN17)	(%)
1. Mekarjaya	51	14	6	1	0	0	6	2	1	4	20	42.86	7.14	0.00	0.00	42.86	14.29	7.14	28.57	142.86
2. Langensari	36	9	2	0	1	0	4	0	1	4	12	22.22	0.00	11.11	0.00	44.44	0.00	11.11	44.44	133.33
3. Tugumukti	36	7	2	0	1	0	4	3	0	2	12	28.57	0.00	14.29	0.00	57.14	42.86	0.00	28.57	171.43
4. Gekbrong	32	16	6	0	0	0	6	0	1	7	20	37.50	0.00	0.00	0.00	37.50	0.00	6.25	43.75	125.00
5. Cisurupan	107	25	6	2	3	0	13	0	1	8	33	24.00	8.00	12.00	0.00	52.00	0.00	4.00	32.00	132.00
6. Tanjungkarya	35	3	3	0	1	0	2	0	0	0	6	100.00	0.00	33.33	0.00	66.67	0.00	0.00	0.00	200.00
7. Mekarmukti	107	2	0	0	0	0	0	0	0	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00
8. Cisantana	110	11	1	1	2	0	2	0	1	5	12	9.09	9.09	18.18	0.00	18.18	0.00	9.09	45.45	109.09
Total or Average	514	87	26	4	8	0	37	5	5	32	117	29.89	4.60	9.20	0.00	42.53	5.75	5.75	36.78	134.48

Code for Organization

- 1. Kelompok Tani
- 2. Water Users Group
- 3. KUD
- 4. PKK
- 5. Religious Organization
- 6. Youth Organization
- 7. Others
- 8. Non-member

Table IV-18 Organizational Membership of Household Heads - Non-Land Operators

Model Area	Organizational Membership of Household Heads Classified as Non-Land Operators (FN77)																			
	Sample H'hold	Respon- dent	No. of Organizations									No. of Organizations								
			1	2	3	4	5	6	7	8	Total	1	2	3	4	5	6	7	8	Total
	(No.)	(No.)	(FN10)	(FN11)	(FN12)	(FN13)	(FN14)	(FN15)	(FN16)	(FN17)	(No.)	(FN10)	(FN11)	(FN12)	(FN13)	(FN14)	(FN15)	(FN16)	(FN17)	(%)
1. Mekarjaya	51	10	1	0	0	0	7	1	1	3	13	10.00	0.00	0.00	0.00	70.00	10.00	10.00	30.00	130.00
2. Langensari	36	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3. Tugumukti	36	5	0	0	0	0	0	0	0	5	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00
4. Gekbrong	32	5	0	0	0	0	1	0	0	4	5	0.00	0.00	0.00	0.00	20.00	0.00	0.00	80.00	100.00
5. Cisurupan	107	17	2	0	1	1	8	0	1	8	21	11.76	0.00	5.88	5.88	47.06	0.00	5.88	47.06	123.53
6. Tanjungkarya	35	3	0	0	0	0	0	0	0	3	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00
7. Mekarmukti	107	2	0	0	0	0	0	0	0	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00
8. Cisantana	110	9	1	0	1	0	2	0	1	6	11	11.11	0.00	11.11	0.00	22.22	0.00	11.11	66.67	122.22
Total or Average	514	51	4	0	2	1	18	1	3	31	60	7.84	0.00	3.92	1.96	35.29	1.96	5.88	60.78	117.65

Code for Organization

- 1. Kelompok Tani
- 2. Water Users Group
- 3. KUD
- 4. PKK
- 5. Religious Organization
- 6. Youth Organization
- 7. Others
- 8. Non-member

Table IV-19 Organization Membership of Household Head Wives - Owned Land Operators' Wives

Model Area	Organizational Membership of Household Heads Classified as Owned Land Operators (FN74)																			
	Sample H'hold	Respon- dent	No. of Organizations									No. of Organizations								
			1	2	3	4	5	6	7	8	Total	1	2	3	4	5	6	7	8	Total
	(No.)	(No.)	(FN18)	(FN19)	(FN20)	(FN21)	(FN22)	(FN23)	(FN24)	(FN25)	(No.)	(FN18)	(FN19)	(FN20)	(FN21)	(FN22)	(FN23)	(FN24)	(FN25)	(%)
(No.)	(No.)	(No.)	(No.)	(No.)	(No.)	(No.)	(No.)	(No.)	(No.)	(No.)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	
1. Mekarjaya	51	23	0	0	0	6	8	0	0	13	27	0.00	0.00	0.00	26.09	34.78	0.00	0.00	56.52	117.39
2. Langensari	36	14	1	0	0	6	8	0	0	5	20	7.14	0.00	0.00	42.86	57.14	0.00	0.00	35.71	142.86
3. Tugumukti	36	20	2	1	1	6	4	0	0	12	26	10.00	5.00	5.00	30.00	20.00	0.00	0.00	60.00	130.00
4. Gekbrong	32	2	0	0	0	0	1	0	0	1	2	0.00	0.00	0.00	0.00	50.00	0.00	0.00	50.00	100.00
5. Cisurupan	107	51	3	0	1	14	27	0	0	19	64	5.88	0.00	1.96	27.45	52.94	0.00	0.00	37.25	125.49
6. Tanjungkarya	35	18	2	1	1	5	9	1	0	7	26	11.11	5.56	5.56	27.78	50.00	5.56	0.00	38.89	144.44
7. Mekarmukti	107	90	7	2	3	29	39	4	2	42	128	7.78	2.22	3.33	32.22	43.33	4.44	2.22	46.67	142.22
8. Cisantana	110	72	10	0	6	17	33	2	1	32	101	13.89	0.00	8.33	23.61	45.83	2.78	1.39	44.44	140.28
Total or Average	514	290	25	4	12	83	129	7	3	131	394	8.62	1.38	4.14	28.62	44.48	2.41	1.03	45.17	135.86

Code for Organization

- | | | |
|----------------------|---------------------------|---------------|
| 1. Kelompok Tani | 4. PKK | 7. Others |
| 2. Water Users Group | 5. Religious Organization | 8. Non-member |
| 3. KUD | 6. Youth Organization | |

Table IV-20 Organization Membership of Household Head Wives - Owned and Rented Land Operators' Wives

Model Area	Organizational Membership of Household Heads Classified as Owned Land and Rented Land Operators (FN75)																			
	Sample H'hold	Respon- dent	No. of Organizations									No. of Organizations								
			1	2	3	4	5	6	7	8	Total	1	2	3	4	5	6	7	8	Total
	(No.)	(No.)	(FN18)	(FN19)	(FN20)	(FN21)	(FN22)	(FN23)	(FN24)	(FN25)	(No.)	(FN18)	(FN19)	(FN20)	(FN21)	(FN22)	(FN23)	(FN24)	(FN25)	(%)
(No.)	(No.)	(No.)	(No.)	(No.)	(No.)	(No.)	(No.)	(No.)	(No.)	(No.)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	
1. Mekarjaya	51	4	1	0	0	2	1	0	0	2	6	25.00	0.00	0.00	50.00	25.00	0.00	0.00	50.00	150.00
2. Langensari	36	13	0	0	1	5	8	0	0	4	18	0.00	0.00	7.69	38.46	61.54	0.00	0.00	30.77	138.46
3. Tugumukti	36	4	1	1	1	1	2	0	1	1	8	25.00	25.00	25.00	25.00	50.00	0.00	25.00	25.00	200.00
4. Gekbrong	32	9	0	0	0	1	1	0	0	7	9	0.00	0.00	0.00	11.11	11.11	0.00	0.00	77.78	100.00
5. Cisurupan	107	14	0	0	0	7	10	0	0	4	21	0.00	0.00	0.00	50.00	71.43	0.00	0.00	28.57	150.00
6. Tanjungkarya	35	11	0	0	1	3	7	0	0	4	15	0.00	0.00	9.09	27.27	63.64	0.00	0.00	36.36	136.36
7. Mekarmukti	107	12	2	0	1	3	4	1	1	5	17	16.67	0.00	8.33	25.00	33.33	8.33	8.33	41.67	141.67
8. Cisantana	110	18	1	0	0	4	9	0	0	8	22	5.56	0.00	0.00	22.22	50.00	0.00	0.00	44.44	122.22
Total or Average	514	85	5	1	4	26	42	1	2	35	116	5.88	1.18	4.71	30.59	49.41	1.18	2.35	41.18	136.47

Code for Organization

- | | | |
|----------------------|---------------------------|---------------|
| 1. Kelompok Tani | 4. PKK | 7. Others |
| 2. Water Users Group | 5. Religious Organization | 8. Non-member |
| 3. KUD | 6. Youth Organization | |

Table IV-21 Organization Membership of Household Head Wives - Rented Land Operators' Wives

Model Area	Organizational Membership of Household Heads Classified as Rented Land Operators (FN76)																			
	Sample H'hold (No.)	Respon- dent (No.)	No. of Organizations									No. of Organizations								
			1 (FN18) (No.)	2 (FN19) (No.)	3 (FN20) (No.)	4 (FN21) (No.)	5 (FN22) (No.)	6 (FN23) (No.)	7 (FN24) (No.)	8 (FN25) (No.)	Total (No.)	1 (FN18) (%)	2 (FN19) (%)	3 (FN20) (%)	4 (FN21) (%)	5 (FN22) (%)	6 (FN23) (%)	7 (FN24) (%)	8 (FN25) (%)	Total (%)
	1. Mekarjaya	51	14	1	0	0	5	5	1	0	6	18	7.14	0.00	0.00	35.71	35.71	7.14	0.00	42.86
2. Langensari	36	9	1	0	0	3	2	0	0	5	11	11.11	0.00	0.00	33.33	22.22	0.00	0.00	55.56	122.22
3. Tugumukti	36	7	1	0	0	3	4	0	0	3	11	14.29	0.00	0.00	42.86	57.14	0.00	0.00	42.86	157.14
4. Gekbrong	32	16	3	0	0	2	5	0	0	10	20	18.75	0.00	0.00	12.50	31.25	0.00	0.00	62.50	125.00
5. Cisurupan	107	25	2	1	2	6	12	0	0	10	33	8.00	4.00	8.00	24.00	48.00	0.00	0.00	40.00	132.00
6. Tanjungkarya	35	3	2	0	1	0	2	0	0	0	5	66.67	0.00	33.33	0.00	66.67	0.00	0.00	0.00	166.67
7. Mekarmukti	107	2	0	0	0	1	0	0	0	1	2	0.00	0.00	0.00	50.00	0.00	0.00	0.00	50.00	100.00
8. Cisantana	110	11	1	0	2	0	1	0	1	7	12	9.09	0.00	18.18	0.00	9.09	0.00	9.09	63.64	109.09
Total or Average	514	87	11	1	5	20	31	1	1	42	112	12.64	1.15	5.75	22.99	35.63	1.15	1.15	48.28	128.74

Code for Organization

- 1. Kelompok Tani
- 2. Water Users Group
- 3. KUD
- 4. PKK
- 5. Religious Organization
- 6. Youth Organization
- 7. Others
- 8. Non-member

Table IV-22 Organization Membership of Household Head Wives - Non-Land Operators' Wives

Model Area	Organizational Membership of Household Heads Classified as Non-Land Operators (FN77)																			
	Sample H'hold (No.)	Respon- dent (No.)	No. of Organizations									No. of Organizations								
			1 (FN18) (No.)	2 (FN19) (No.)	3 (FN20) (No.)	4 (FN21) (No.)	5 (FN22) (No.)	6 (FN23) (No.)	7 (FN24) (No.)	8 (FN25) (No.)	Total (No.)	1 (FN18) (%)	2 (FN19) (%)	3 (FN20) (%)	4 (FN21) (%)	5 (FN22) (%)	6 (FN23) (%)	7 (FN24) (%)	8 (FN25) (%)	Total (%)
	1. Mekarjaya	51	10	0	0	0	1	7	0	1	3	12	0.00	0.00	0.00	10.00	70.00	0.00	10.00	30.00
2. Langensari	36	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3. Tugumukti	36	5	0	0	0	0	0	0	0	5	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00
4. Gekbrong	32	5	0	0	0	0	1	0	0	4	5	0.00	0.00	0.00	0.00	20.00	0.00	0.00	80.00	100.00
5. Cisurupan	107	17	1	0	1	1	8	0	1	8	20	5.88	0.00	5.88	5.88	47.06	0.00	5.88	47.06	117.65
6. Tanjungkarya	35	3	0	0	0	0	0	0	0	3	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00
7. Mekarmukti	107	2	0	0	0	0	0	0	0	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00
8. Cisantana	110	9	0	0	0	0	0	0	0	9	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00
Total or Average	514	51	1	0	1	2	16	0	2	34	56	1.96	0.00	1.96	3.92	31.37	0.00	3.92	66.67	109.80

Code for Organization

- 1. Kelompok Tani
- 2. Water Users Group
- 3. KUD
- 4. PKK
- 5. Religious Organization
- 6. Youth Organization
- 7. Others
- 8. Non-member

Table IV-23 Source of Drinking Water in Dry Season

Model Area	Sample H'hold (No.)	Respon- dent (No.)	Main Source of Drinking Water in Dry Season (FN26)															
			Code for Source								Code for Source							
			1 (No.)	2 (No.)	3 (No.)	4 (No.)	5 (No.)	6 (No.)	7 (No.)	Total (No.)	1 (%)	2 (%)	3 (%)	4 (%)	5 (%)	6 (%)	7 (%)	Total (%)
1. Mekarjaya	51	51	8	21	7	0	15	0	0	51	15.69	41.18	13.73	0.00	29.41	0.00	0.00	100.00
2. Langensari	36	36	9	8	0	1	18	0	0	36	25.00	22.22	0.00	2.78	50.00	0.00	0.00	100.00
3. Tugumukti	36	36	12	24	0	0	0	0	0	36	33.33	66.67	0.00	0.00	0.00	0.00	0.00	100.00
4. Gekbrong	32	32	24	8	0	0	0	0	0	32	75.00	25.00	0.00	0.00	0.00	0.00	0.00	100.00
5. Cisurupan	107	107	53	28	2	0	24	0	0	107	49.53	26.17	1.87	0.00	22.43	0.00	0.00	100.00
6. Tanjungkarya	35	35	24	5	3	0	2	0	1	35	68.57	14.29	8.57	0.00	5.71	0.00	2.86	100.00
7. Mekarmukti	107	107	83	17	1	0	6	0	0	107	77.57	15.89	0.93	0.00	5.61	0.00	0.00	100.00
8. Cisantana	110	110	107	3	0	0	0	0	0	110	97.27	2.73	0.00	0.00	0.00	0.00	0.00	100.00
Total or Average	514	514	320	114	13	1	65	0	1	514	62.26	22.18	2.53	0.19	12.65	0.00	0.19	100.00

Code for Main Wate Source

- 1. Piped gravity water
- 2. Springs (natural)
- 3. River
- 4. Reservoir
- 5. Well
- 6. Purchased water
- 7. Others

Table IV-24 Source of Drinking Water in Wet Season

Model Area	Sample H'hold (No.)	Respon- dent (No.)	Main Source of Drinking Water in Wet Season (FN29)															
			Code for Source								Code for Source							
			1 (No.)	2 (No.)	3 (No.)	4 (No.)	5 (No.)	6 (No.)	7 (No.)	Total (No.)	1 (%)	2 (%)	3 (%)	4 (%)	5 (%)	6 (%)	7 (%)	Total (%)
1. Mekarjaya	51	51	8	20	7	0	16	0	0	51	15.69	39.22	13.73	0.00	31.37	0.00	0.00	100.00
2. Langensari	36	36	11	6	0	0	19	0	0	36	30.56	16.67	0.00	0.00	52.78	0.00	0.00	100.00
3. Tugumukti	36	36	12	24	0	0	0	0	0	36	33.33	66.67	0.00	0.00	0.00	0.00	0.00	100.00
4. Gekbrong	32	32	24	8	0	0	0	0	0	32	75.00	25.00	0.00	0.00	0.00	0.00	0.00	100.00
5. Cisurupan	107	107	52	29	2	0	24	0	0	107	48.60	27.10	1.87	0.00	22.43	0.00	0.00	100.00
6. Tanjungkarya	35	35	24	5	3	0	2	0	1	35	68.57	14.29	8.57	0.00	5.71	0.00	2.86	100.00
7. Mekarmukti	107	107	83	16	1	0	7	0	0	107	77.57	14.95	0.93	0.00	6.54	0.00	0.00	100.00
8. Cisantana	110	110	107	3	0	0	0	0	0	110	97.27	2.73	0.00	0.00	0.00	0.00	0.00	100.00
Total or Average	514	514	321	111	13	0	68	0	1	514	62.45	21.60	2.53	0.00	13.23	0.00	0.19	100.00

Code for Main Wate Source

- 1. Piped gravity water
- 2. Springs (natural)
- 3. River
- 4. Reservoir
- 5. Well
- 6. Purchased water
- 7. Others

Table IV-25 Distance to Drinking Water Source in Dry Season - Overall

Model Area	Sample H'hold (No.)	Respon- dent (No.)	Distance to the Main Water Source in Dry Season (FN27)													
			Numbers							Percentage Distribution						
			0-10 m (No.)	10-50 m (No.)	50-100 m (No.)	100-500 m (No.)	500-1000m (No.)	Over 1000m (No.)	Total (No.)	0-10 m (%)	10-50 m (%)	50-100 m (%)	100-500 m (%)	500-1000m (%)	Over 1000m (%)	Total (%)
1. Mekarjaya	51	51	24	9	6	9	3	0	51	47.06	17.65	11.76	17.65	5.88	0.00	100.00
2. Langensari	36	36	27	0	0	8	1	0	36	75.00	0.00	0.00	22.22	2.78	0.00	100.00
3. Tugumukti	36	36	0	0	3	8	8	17	36	0.00	0.00	8.33	22.22	22.22	47.22	100.00
4. Gekbrong	32	32	3	1	0	1	4	23	32	9.38	3.13	0.00	3.13	12.50	71.88	100.00
5. Cisurupan	107	107	47	14	9	19	11	7	107	43.93	13.08	8.41	17.76	10.28	6.54	100.00
6. Tanjungkarya	35	35	18	3	3	10	1	0	35	51.43	8.57	8.57	28.57	2.86	0.00	100.00
7. Mekarmukti	107	107	46	10	10	24	12	5	107	42.99	9.35	9.35	22.43	11.21	4.67	100.00
8. Cisantana	110	110	45	8	3	33	12	9	110	40.91	7.27	2.73	30.00	10.91	8.18	100.00
Total or Average	514	514	210	45	34	112	52	61	514	40.86	8.75	6.61	21.79	10.12	11.87	100.00

Table IV-26 Distance to Drinking Water Source in Wet Season

Model Area	Sample H'hold (No.)	Respon- dent (No.)	Distance to the Main Water Source in Wet Season (FN30)													
			Numbers							Percentage Distribution						
			0-10 m (No.)	10-50 m (No.)	50-100 m (No.)	100-500 m (No.)	500- 1000m (No.)	Over 1000m (No.)	Total (No.)	0-10 m (%)	10-50 m (%)	50-100 m (%)	100-500 m (%)	500- 1000m (%)	Over 1000m (%)	Total (%)
1. Mekarjaya	51	51	26	9	6	8	2	0	51	50.98	17.65	11.76	15.69	3.92	0.00	100.00
2. Langensari	36	36	29	0	0	6	1	0	36	80.56	0.00	0.00	16.67	2.78	0.00	100.00
3. Tugumukti	36	36	0	0	3	8	8	17	36	0.00	0.00	8.33	22.22	22.22	47.22	100.00
4. Gekbrong	32	32	3	2	0	0	4	23	32	9.38	6.25	0.00	0.00	12.50	71.88	100.00
5. Cisurupan	107	107	47	15	8	19	11	7	107	43.93	14.02	7.48	17.76	10.28	6.54	100.00
6. Tanjungkarya	35	35	18	4	2	10	1	0	35	51.43	11.43	5.71	28.57	2.86	0.00	100.00
7. Mekarmukti	107	107	47	9	11	25	10	5	107	43.93	8.41	10.28	23.36	9.35	4.67	100.00
8. Cisantana	110	110	45	8	3	33	12	9	110	40.91	7.27	2.73	30.00	10.91	8.18	100.00
Total or Average	514	514	215	47	33	109	49	61	514	41.83	9.14	6.42	21.21	9.53	11.87	100.00

Table IV-27 Sufficiency of Drinking Water - Overall

Model Area	Sample H'hold (No.)	Respon- dent (No.)	Sufficiency of Drinking Water Source in Dry Season (FN28)										Sufficiency of Drinking Water Source in Wet Season (FN31)										
			Numbers					Percentage Distribution					Respon- dent (No.)	Numbers					Percentage Distribution				
			Suffici- ent (No.)	Just enough (No.)	Short (No.)	Very Short (No.)	Total (No.)	Suffici- ent (%)	Just enough (%)	Short (%)	Very Short (%)	Total (%)		Suffici- ent (No.)	Just enough (No.)	Short (No.)	Very Short (No.)	Total (No.)	Suffici- ent (%)	Just enough (%)	Short (%)	Very Short (%)	Total (%)
1. Mekarjaya	51	51	9	33	7	2	51	17.65	64.71	13.73	3.92	100.00	51	26	23	2	0	51	50.98	45.10	3.92	0.00	100.00
2. Langensari	36	36	7	21	8	0	36	19.44	58.33	22.22	0.00	100.00	36	9	27	0	0	36	25.00	75.00	0.00	0.00	100.00
3. Tugumukti	36	36	10	18	8	0	36	27.78	50.00	22.22	0.00	100.00	36	10	18	8	0	36	27.78	50.00	22.22	0.00	100.00
4. Gekbrong	32	32	2	11	15	4	32	6.25	34.38	46.88	12.50	100.00	32	8	24	0	0	32	25.00	75.00	0.00	0.00	100.00
5. Cisurupan	107	107	19	62	23	3	107	17.76	57.94	21.50	2.80	100.00	107	43	58	5	1	107	40.19	54.21	4.67	0.93	100.00
6. Tanjungkarya	35	35	9	22	4	0	35	25.71	62.86	11.43	0.00	100.00	35	17	16	2	0	35	48.57	45.71	5.71	0.00	100.00
7. Mekarmukti	107	107	16	62	28	1	107	14.95	57.94	26.17	0.93	100.00	107	41	61	5	0	107	38.32	57.01	4.67	0.00	100.00
8. Cisantana	110	110	35	64	10	1	110	31.82	58.18	9.09	0.91	100.00	110	59	51	0	0	110	53.64	46.36	0.00	0.00	100.00
Total or Average	514	514	107	293	103	11	514	20.82	57.00	20.04	2.14	100.00	514	213	278	22	1	514	41.44	54.09	4.28	0.19	100.00

Table IV-28 Sufficiency of Drinking Water - Piped Gravity Water

Model Area	Sample H'hold (No.)	Respon- dent (No.)	Sufficiency of Drinking Water Source in Dry Season (FN28)										Sufficiency of Drinking Water Source in Wet Season (FN31)										
			Numbers					Percentage Distribution					Respon- dent (No.)	Numbers					Percentage Distribution				
			Suffici- ent (No.)	Just enough (No.)	Short (No.)	Very Short (No.)	Total (No.)	Suffici- ent (%)	Just enough (%)	Short (%)	Very Short (%)	Total (%)		Suffici- ent (No.)	Just enough (No.)	Short (No.)	Very Short (No.)	Total (No.)	Suffici- ent (%)	Just enough (%)	Short (%)	Very Short (%)	Total (%)
1. Mekarjaya	51	8	5	2	1	0	8	62.50	25.00	12.50	0.00	100.00	8	7	1	0	0	8	87.50	12.50	0.00	0.00	100.00
2. Langensari	36	9	3	3	3	0	9	33.33	33.33	33.33	0.00	100.00	11	4	7	0	0	11	36.36	63.64	0.00	0.00	100.00
3. Tugumukti	36	12	2	10	0	0	12	16.67	83.33	0.00	0.00	100.00	12	3	9	0	0	12	25.00	75.00	0.00	0.00	100.00
4. Gekbrong	32	24	2	8	11	3	24	8.33	33.33	45.83	12.50	100.00	24	8	16	0	0	24	33.33	66.67	0.00	0.00	100.00
5. Cisurupan	107	53	6	29	15	3	53	11.32	54.72	28.30	5.66	100.00	52	22	26	3	1	52	42.31	50.00	5.77	1.92	100.00
6. Tanjungkarya	35	24	7	15	2	0	24	29.17	62.50	8.33	0.00	100.00	24	13	9	2	0	24	54.17	37.50	8.33	0.00	100.00
7. Mekarmukti	107	83	12	47	23	1	83	14.46	56.63	27.71	1.20	100.00	83	33	45	5	0	83	39.76	54.22	6.02	0.00	100.00
8. Cisantana	110	107	35	63	8	1	107	32.71	58.88	7.48	0.93	100.00	107	58	49	0	0	107	54.21	45.79	0.00	0.00	100.00
Total or Average	514	320	72	177	63	8	320	22.50	55.31	19.69	2.50	100.00	321	148	162	10	1	321	46.11	50.47	3.12	0.31	100.00

Table IV-29 Sufficiency of Drinking Water - Springs

Model Area	Sample H'hold (No.)	Sufficiency of Drinking Water Source in Dry Season (FN28)										Sufficiency of Drinking Water Source in Wet Season (FN31)											
		Respon- dent (No.)	Numbers					Percentage Distribution					Respon- dent (No.)	Numbers					Percentage Distribution				
			Suffici- ent (No.)	Just enough (No.)	Short (No.)	Very Short (No.)	Total (No.)	Suffici- ent (%)	Just enough (%)	Short (%)	Very Short (%)	Total (%)		Suffici- ent (No.)	Just enough (No.)	Short (No.)	Very Short (No.)	Total (No.)	Suffici- ent (%)	Just enough (%)	Short (%)	Very Short (%)	Total (%)
1. Mekarjaya	51	21	1	16	3	1	21	4.76	76.19	14.29	4.76	100.00	20	9	11	0	0	20	45.00	55.00	0.00	0.00	100.00
2. Langensari	36	8	2	6	0	0	8	25.00	75.00	0.00	0.00	100.00	6	1	5	0	0	6	16.67	83.33	0.00	0.00	100.00
3. Tugumukti	36	24	8	8	8	0	24	33.33	33.33	33.33	0.00	100.00	24	16	8	0	0	24	66.67	33.33	0.00	0.00	100.00
4. Gekbrong	32	8	0	3	4	1	8	0.00	37.50	50.00	12.50	100.00	8	0	8	0	0	8	0.00	100.00	0.00	0.00	100.00
5. Cisurupan	107	28	2	19	7	0	28	7.14	67.86	25.00	0.00	100.00	29	9	19	1	0	29	31.03	65.52	3.45	0.00	100.00
6. Tanjungkarya	35	5	2	3	0	0	5	40.00	60.00	0.00	0.00	100.00	5	1	4	0	0	5	20.00	80.00	0.00	0.00	100.00
7. Mekarmukti	107	17	2	10	5	0	17	11.76	58.82	29.41	0.00	100.00	16	4	12	0	0	16	25.00	75.00	0.00	0.00	100.00
8. Cisantana	110	3	0	1	2	0	3	0.00	33.33	66.67	0.00	100.00	3	1	2	0	0	3	33.33	66.67	0.00	0.00	100.00
Total or Average	514	114	17	66	29	2	114	14.91	57.89	25.44	1.75	100.00	111	41	69	1	0	111	36.94	62.16	0.90	0.00	100.00

Table IV-30 Sufficiency of Drinking Water - River

Model Area	Sample H'hold (No.)	Sufficiency of Drinking Water Source in Dry Season (FN28)										Sufficiency of Drinking Water Source in Wet Season (FN31)											
		Respon- dent (No.)	Numbers					Percentage Distribution					Respon- dent (No.)	Numbers					Percentage Distribution				
			Suffici- ent (No.)	Just enough (No.)	Short (No.)	Very Short (No.)	Total (No.)	Suffici- ent (%)	Just enough (%)	Short (%)	Very Short (%)	Total (%)		Suffici- ent (No.)	Just enough (No.)	Short (No.)	Very Short (No.)	Total (No.)	Suffici- ent (%)	Just enough (%)	Short (%)	Very Short (%)	Total (%)
1. Mekarjaya	51	7	2	5	0	0	7	28.57	71.43	0.00	0.00	100.00	7	4	3	0	0	7	57.14	42.86	0.00	0.00	100.00
2. Langensari	36	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
3. Tugumukti	36	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
4. Gekbrong	32	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
5. Cisurupan	107	2	0	1	1	0	2	0.00	50.00	50.00	0.00	100.00	2	0	1	1	0	2	0.00	50.00	50.00	0.00	100.00
6. Tanjungkarya	35	3	0	2	1	0	3	0.00	66.67	33.33	0.00	100.00	3	1	2	0	0	3	33.33	66.67	0.00	0.00	100.00
7. Mekarmukti	107	1	0	1	0	0	1	0.00	100.00	0.00	0.00	100.00	1	1	0	0	0	1	100.00	0.00	0.00	0.00	100.00
8. Cisantana	110	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Total or Average	514	13	2	9	2	0	13	15.38	69.23	15.38	0.00	100.00	13	6	6	1	0	13	46.15	46.15	7.69	0.00	100.00

Table IV-31 Sufficiency of Drinking Water - Reservoir

Model Area	Sample H'hold (No.)	Sufficiency of Drinking Water Source in Dry Season (FN28)										Sufficiency of Drinking Water Source in Wet Season (FN31)											
		Respon- dent (No.)	Numbers					Percentage Distribution					Respon- dent (No.)	Numbers					Percentage Distribution				
			Suffici- ent (No.)	Just enough (No.)	Short (No.)	Very Short (No.)	Total (No.)	Suffici- ent (%)	Just enough (%)	Short (%)	Very Short (%)	Total (%)		Suffici- ent (No.)	Just enough (No.)	Short (No.)	Very Short (No.)	Total (No.)	Suffici- ent (%)	Just enough (%)	Short (%)	Very Short (%)	Total (%)
1. Mekarjaya	51	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
2. Langensari	36	1	0	0	1	0	1	0.00	0.00	100.00	0.00	100.00	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
3. Tugumukti	36	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
4. Gekbrong	32	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
5. Cisurupan	107	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
6. Tanjungkarya	35	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
7. Mekarmukti	107	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
8. Cisantana	110	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Total or Average	514	1	0	0	1	0	1	0.00	0.00	100.00	0.00	100.00	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00

Table IV-32 Sufficiency of Drinking Water - Well

Model Area	Sample H'hold (No.)	Sufficiency of Drinking Water Source in Dry Season (FN28)											Sufficiency of Drinking Water Source in Wet Season (FN31)										
		Respon- dent (No.)	Numbers					Percentage Distribution					Respon- dent (No.)	Numbers					Percentage Distribution				
			Suffici- ent (No.)	Just enough (No.)	Short (No.)	Very Short (No.)	Total (No.)	Suffici- ent (%)	Just enough (%)	Short (%)	Very Short (%)	Total (%)		Suffici- ent (No.)	Just enough (No.)	Short (No.)	Very Short (No.)	Total (No.)	Suffici- ent (%)	Just enough (%)	Short (%)	Very Short (%)	Total (%)
1. Mekarjaya	51	15	1	10	3	1	15	6.67	66.67	20.00	6.67	100.00	16	6	8	2	0	16	37.50	50.00	12.50	0.00	100.00
2. Langensari	36	18	2	12	4	0	18	11.11	66.67	22.22	0.00	100.00	19	4	15	0	0	19	21.05	78.95	0.00	0.00	100.00
3. Tugumukti	36	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
4. Gekbrong	32	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
5. Cisurupan	107	24	11	13	0	0	24	45.83	54.17	0.00	0.00	100.00	24	12	12	0	0	24	50.00	50.00	0.00	0.00	100.00
6. Tanjungkarya	35	2	0	1	1	0	2	0.00	50.00	50.00	0.00	100.00	2	2	0	0	0	2	100.00	0.00	0.00	0.00	100.00
7. Mekarmukti	107	6	2	4	0	0	6	33.33	66.67	0.00	0.00	100.00	7	3	4	0	0	7	42.86	57.14	0.00	0.00	100.00
8. Cisantana	110	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Total or Average	514	65	16	40	8	1	65	24.62	61.54	12.31	1.54	100.00	68	27	39	2	0	68	39.71	57.35	2.94	0.00	100.00

Table IV-33 Source of Most Important Fuel for Cooking

Model Area	Sample H'hold (No.)	Respon- dent (No.)	Source of Fuel (Most Important)											
			Number of Order 1 (most important)						% of Order 1 (most important)					
			Fuel wood (FN32) (No.)	Kerosine (FN34) (No.)	Charcoal (FN36) (No.)	Gas cylinder (FN38) (No.)	Others (FN40) (No.)	Total (No.)	Fuel wood (FN32) (%)	Kerosine (FN34) (%)	Charcoal (FN36) (%)	Gas cylinder (FN38) (%)	Others (FN40) (%)	Total
1. Mekarjaya	51	51	42	9	0	0	0	51	82.35	17.65	0.00	0.00	0.00	100.00
2. Langensari	36	36	6	29	0	1	0	36	16.67	80.56	0.00	2.78	0.00	100.00
3. Tugumukti	36	35	13	14	0	8	0	35	37.14	40.00	0.00	22.86	0.00	100.00
4. Gekbrong	32	32	20	12	0	0	0	32	62.50	37.50	0.00	0.00	0.00	100.00
5. Cisurupan	107	107	62	44	0	1	0	107	57.94	41.12	0.00	0.93	0.00	100.00
6. Tanjungkarya	35	35	17	17	0	1	0	35	48.57	48.57	0.00	2.86	0.00	100.00
7. Mekarmukti	107	107	89	17	0	1	0	107	83.18	15.89	0.00	0.93	0.00	100.00
8. Cisantana	110	110	21	83	0	6	0	110	19.09	75.45	0.00	5.45	0.00	100.00
Total or Average	514	513	270	225	0	18	0	513	52.63	43.86	0.00	3.51	0.00	100.00

Table IV-34 Source of Secondly Important Fuel for Cooking

Model Area	Sample H'hold (No.)	Respon- dent (No.)	Source of Fuel (Secondly Important)											
			Number of Order 2 (Secondly important)						% of Order 2 (Secondly important)					
			Fuel wood (FN32) (No.)	Kerosine (FN34) (No.)	Charcoal (FN36) (No.)	Gas cylinder (FN38) (No.)	Others (FN40) (No.)	Total (No.)	Fuel wood (FN32) (%)	Kerosine (FN34) (%)	Charcoal (FN36) (%)	Gas cylinder (FN38) (%)	Others (FN40) (%)	Total
1. Mekarjaya	51	24	1	22	0	1	0	24	4.17	91.67	0.00	4.17	0.00	100.00
2. Langensari	36	27	18	7	0	2	0	27	66.67	25.93	0.00	7.41	0.00	100.00
3. Tugumukti	36	31	12	18	0	1	0	31	38.71	58.06	0.00	3.23	0.00	100.00
4. Gekbrong	32	22	6	15	0	1	0	22	27.27	68.18	0.00	4.55	0.00	100.00
5. Cisurupan	107	83	31	52	0	0	0	83	37.35	62.65	0.00	0.00	0.00	100.00
6. Tanjungkarya	35	23	11	12	0	0	0	23	47.83	52.17	0.00	0.00	0.00	100.00
7. Mekarmukti	107	77	13	64	0	0	0	77	16.88	83.12	0.00	0.00	0.00	100.00
8. Cisantana	110	73	47	22	0	4	0	73	64.38	30.14	0.00	5.48	0.00	100.00
Total or Average	514	360	139	212	0	9	0	360	38.61	58.89	0.00	2.50	0.00	100.00

Table IV-35 Availability of Fuel for Cooking - Fuelwood and Kerosine

Model Area	Sample H'hold (No.)	Fuelwood								Kerosine							
		No. of Answers (FN33)				% distribution (FN33)				No. of Answers (FN35)				% distribution (FN35)			
		1 Easy to obtain (No.)	2 Difficult (No.)	3 Very Difficult (No.)	Total (No.)	1 Easy to obtain (%)	2 Difficult (%)	3 Very Difficult (%)	Total (%)	1 Easy to obtain (No.)	2 Difficult (No.)	3 Very Difficult (No.)	Total (No.)	1 Easy to obtain (%)	2 Difficult (%)	3 Very Difficult (%)	Total (%)
1. Mekarjaya	51	38	5	0	43	88.37	11.63	0.00	100.00	29	2	0	31	93.55	6.45	0.00	100.00
2. Langensari	36	16	6	2	24	66.67	25.00	8.33	100.00	34	2	0	36	94.44	5.56	0.00	100.00
3. Tugumukti	36	23	2	0	25	92.00	8.00	0.00	100.00	32	0	0	32	100.00	0.00	0.00	100.00
4. Gekbrong	32	22	4	0	26	84.62	15.38	0.00	100.00	27	0	0	27	100.00	0.00	0.00	100.00
5. Cisarupan	107	87	6	0	93	93.55	6.45	0.00	100.00	93	3	0	96	96.88	3.13	0.00	100.00
6. Tanjungkarya	35	26	2	0	28	92.86	7.14	0.00	100.00	28	1	0	29	96.55	3.45	0.00	100.00
7. Mekarmukti	107	100	1	1	102	98.04	0.98	0.98	100.00	81	0	0	81	100.00	0.00	0.00	100.00
8. Cisantana	110	66	1	1	68	97.06	1.47	1.47	100.00	105	0	0	105	100.00	0.00	0.00	100.00
Total or Average	514	378	27	4	409	92.42	6.60	0.98	100.00	429	8	0	437	98.17	1.83	0.00	100.00

Code for Availability

- 1. Easy to obtain
- 2. Difficult to obtain
- 3. Very difficult to obtain

Table IV-36 Availability of Fuel for Cooking - Charcoal and Gas Cylinder

Model Area	Sample H'hold (No.)	Charcoal								Gas Cylinder							
		No. of Answers (FN37)				% distribution (FN37)				No. of Answers (FN39)				% distribution (FN39)			
		1 Easy to obtain (No.)	2 Difficult (No.)	3 Very Difficult (No.)	Total (No.)	1 Easy to obtain (%)	2 Difficult (%)	3 Very Difficult (%)	Total (%)	1 Easy to obtain (No.)	2 Difficult (No.)	3 Very Difficult (No.)	Total (No.)	1 Easy to obtain (%)	2 Difficult (%)	3 Very Difficult (%)	Total (%)
1. Mekarjaya	51	0	0	0	0	0.00	0.00	0.00	0.00	0	1	0	1	0.00	100.00	0.00	100.00
2. Langensari	36	0	0	0	0	0.00	0.00	0.00	0.00	3	0	0	3	100.00	0.00	0.00	100.00
3. Tugumukti	36	0	0	0	0	0.00	0.00	0.00	0.00	8	0	1	9	88.89	0.00	11.11	100.00
4. Gekbrong	32	0	0	0	0	0.00	0.00	0.00	0.00	0	1	0	1	0.00	100.00	0.00	100.00
5. Cisarupan	107	0	0	0	0	0.00	0.00	0.00	0.00	1	0	0	1	100.00	0.00	0.00	100.00
6. Tanjungkarya	35	0	0	0	0	0.00	0.00	0.00	0.00	1	0	0	1	100.00	0.00	0.00	100.00
7. Mekarmukti	107	0	0	0	0	0.00	0.00	0.00	0.00	1	0	0	1	100.00	0.00	0.00	100.00
8. Cisantana	110	0	0	0	0	0.00	0.00	0.00	0.00	10	0	0	10	100.00	0.00	0.00	100.00
Total or Average	514	0	0	0	0	0.00	0.00	0.00	0.00	24	2	1	27	88.89	7.41	3.70	100.00

Code for Availability

- 1. Easy to obtain
- 2. Difficult to obtain
- 3. Very difficult to obtain

Table IV-37 Food Condition - Cereals, Roots and Tuber Crops, and Vegetables

Model Area	Sample H'hold (No.)	Cereals (FN42)								Roots and Tuber Crops (FN43)								Vegetables (FN44)							
		Code for condition (No.)				Code for condition (%)				Code for condition (No.)				Code for condition (%)				Code for condition (No.)				Code for condition (%)			
		1 (No.)	2 (No.)	3 (No.)	Total (No.)	1 (%)	2 (%)	3 (%)	Total (%)	1 (No.)	2 (No.)	3 (No.)	Total (No.)	1 (%)	2 (%)	3 (%)	Total (%)	1 (No.)	2 (No.)	3 (No.)	Total (No.)	1 (%)	2 (%)	3 (%)	Total (%)
1. Mekarjaya	51	15	13	21	49	30.61	26.53	42.86	100.00	10	28	11	49	20.41	57.14	22.45	100.00	12	9	29	50	24.00	18.00	58.00	100.00
2. Langensari	36	0	3	33	36	0.00	8.33	91.67	100.00	1	11	24	36	2.78	30.56	66.67	100.00	21	7	8	36	58.33	19.44	22.22	100.00
3. Tugumukti	36	0	3	33	36	0.00	8.33	91.67	100.00	4	18	14	36	11.11	50.00	38.89	100.00	31	3	2	36	86.11	8.33	5.56	100.00
4. Gekbrong	32	0	0	31	31	0.00	0.00	100.00	100.00	2	19	9	30	6.67	63.33	30.00	100.00	18	6	7	31	58.06	19.35	22.58	100.00
5. Cisurupan	107	11	6	87	104	10.58	5.77	83.65	100.00	27	49	28	104	25.96	47.12	26.92	100.00	56	21	26	103	54.37	20.39	25.24	100.00
6. Tanjungkarya	35	10	7	17	34	29.41	20.59	50.00	100.00	5	15	14	34	14.71	44.12	41.18	100.00	18	9	7	34	52.94	26.47	20.59	100.00
7. Mekarmukti	107	71	19	16	106	66.98	17.92	15.09	100.00	21	60	25	106	19.81	56.60	23.58	100.00	14	45	48	107	13.08	42.06	44.86	100.00
8. Cisantana	110	19	29	61	109	17.43	26.61	55.96	100.00	12	72	24	108	11.11	66.67	22.22	100.00	12	72	24	108	11.11	66.67	22.22	100.00
Total or Average	514	126	80	299	505	24.95	15.84	59.21	100.00	82	272	149	503	16.30	54.08	29.62	100.00	182	172	151	505	36.04	34.06	29.90	100.00

Code for Condition

1. Own harvest/product exceeds the household demand
2. Own harvest/product is just enough to meet the household demand
3. Purchased (or exchanged) to meet the household demand

Table IV-38 Food Condition - Meat and Fish

Model Area	Sample H'hold (No.)	Meat (FN45)								Fish (FN46)							
		Code for condition (No.)				Code for condition (%)				Code for condition (No.)				Code for condition (%)			
		1 (No.)	2 (No.)	3 (No.)	Total (No.)	1 (%)	2 (%)	3 (%)	Total (%)	1 (No.)	2 (No.)	3 (No.)	Total (No.)	1 (%)	2 (%)	3 (%)	Total (%)
1. Mekarjaya	51	2	1	44	47	4.26	2.13	93.62	100.00	2	7	39	48	4.17	14.58	81.25	100.00
2. Langensari	36	1	1	34	36	2.78	2.78	94.44	100.00	0	1	35	36	0.00	2.78	97.22	100.00
3. Tugumukti	36	1	0	35	36	2.78	0.00	97.22	100.00	0	0	36	36	0.00	0.00	100.00	100.00
4. Gekbrong	32	0	1	29	30	0.00	3.33	96.67	100.00	0	1	28	29	0.00	3.45	96.55	100.00
5. Cisurupan	107	1	3	100	104	0.96	2.88	96.15	100.00	2	7	94	103	1.94	6.80	91.26	100.00
6. Tanjungkarya	35	1	0	33	34	2.94	0.00	97.06	100.00	2	11	21	34	5.88	32.35	61.76	100.00
7. Mekarmukti	107	2	7	96	105	1.90	6.67	91.43	100.00	3	10	91	104	2.88	9.62	87.50	100.00
8. Cisantana	110	0	6	102	108	0.00	5.56	94.44	100.00	2	3	103	108	1.85	2.78	95.37	100.00
Total or Average	514	8	19	473	500	1.60	3.80	94.60	100.00	11	40	447	498	2.21	8.03	89.76	100.00

Code for Condition

1. Own harvest/product exceeds the household demand
2. Own harvest/product is just enough to meet the household demand
3. Purchased (or exchanged) to meet the household demand

Table IV-39 Availability of Facility in Households

Model Area	Sample H'hold (No.)	Answers of "Yes" in Numbers									Answers of "Yes" in Percentage								
		Radio (FN47)	TV (FN48)	Bicycle (FN49)	Motor-cycle (FN50)	Car (FN51)	Audio (FN52)	Toilet (FN53)	Total (No.)	Radio (%)	TV (%)	Bicycle (%)	Motor-cycle (%)	Car (%)	Audio (%)	Toilet (%)	Total (%)		
		(No.)	(No.)	(No.)	(No.)	(No.)	(No.)	(No.)	(No.)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)		
1. Mekarjaya	51	32	30	5	3	0	20	19	109	62.75	58.82	9.80	5.88	0.00	39.22	37.25	213.73		
2. Langensari	36	28	31	14	10	3	21	31	138	77.78	86.11	38.89	27.78	8.33	58.33	86.11	383.33		
3. Tugumukti	36	23	30	16	13	9	20	29	140	63.89	83.33	44.44	36.11	25.00	55.56	80.56	388.89		
4. Gekbrong	32	16	15	9	6	1	9	21	77	50.00	46.88	28.13	18.75	3.13	28.13	65.63	240.63		
5. Cisurupan	107	89	73	19	13	0	47	70	311	83.18	68.22	17.76	12.15	0.00	43.93	65.42	290.65		
6. Tanjungkarya	35	20	22	8	3	0	14	20	87	57.14	62.86	22.86	8.57	0.00	40.00	57.14	248.57		
7. Mekarmukti	107	64	61	13	8	3	30	73	252	59.81	57.01	12.15	7.48	2.80	28.04	68.22	235.51		
8. Cisantana	110	83	94	16	29	3	50	104	379	75.45	85.45	14.55	26.36	2.73	45.45	94.55	344.55		
Total or Average	514	355	356	100	85	19	211	367	1,493	69.07	69.26	19.46	16.54	3.70	41.05	71.40	290.47		

Table IV-40 Total Land Operated by Land Use Type - Irrigated Sawah, Rainfed Sawah and Upland for Field Crop

Model Area	Sample H'hold (No.)	Total Land Operated by Land Use Type																	
		Irrigated Sawah (FN57)						Rainfed Sawah (FN61)						Upland for Field Crop (FN65)					
		No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD
1. Mekarjaya	51	8	1,240	5	400	155.00	130.90	24	4,700	50	710	195.83	154.42	21	6,220	50	750	296.19	240.68
2. Langensari	36	1	40	40	40	40.00	0.00	1	86	86	86	86.00	0.00	35	10,662	40	960	304.63	252.34
3. Tugumukti	36	3	1,400	100	700	466.67	321.46	2	750	250	500	375.00	176.78	29	33,068	75	10,500	1,140.28	2,119.19
4. Gekbrong	32	0	0			0.00	0.00	1	84	84	84	84.00	0.00	26	29,606	42	4,900	1,138.69	1,188.96
5. Cisirupan	107	4	1,300	50	700	325.00	278.39	19	5,368	50	1,680	282.53	371.64	71	24,412	25	2,800	343.83	429.43
6. Tanjungkarya	35	11	3,395	50	1,400	308.64	393.07	14	5,580	50	1,200	398.57	378.29	16	7,535	50	1,400	470.94	402.84
7. Mekarmukti	107	20	4,520	50	1,050	226.00	249.11	83	21,396	30	1,300	257.78	213.31	26	6,255	50	1,400	240.58	296.43
8. Cisantana	110	35	6,030	15	1,400	172.29	241.08	28	4,327	22	1,150	154.54	210.56	90	24,044	30	1,200	267.16	229.79
Total or Average	514	82	17,925	5	1,400	218.60	265.71	172	42,291	22	1,680	245.88	248.94	314	141,802	25	10,500	451.60	836.46

Table IV-41 Total Land Operated by Land Use Type - Upland for Tree Crop and Total Land Operated

Model Area	Sample H'hold (No.)	Total Land Operated by Land Use Type												Percentage Distribution of Total Land Operated				
		Upland for Tree Crop (FN69)						Total Land Operated (FN73)						Irri. Sawah (%)	Rainfed Sawah (%)	Upland field crop (%)	Upland tree crop (%)	Total No. (%)
		No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD					
1. Mekarjaya	51	4	856	6	350	214.00	152.04	42	13,016	11	1,450	309.90	356.74	9.53	36.11	47.79	6.58	100.00
2. Langensari	36	3	365	55	160	121.67	57.95	36	11,153	40	960	309.81	254.20	0.36	0.77	95.60	3.27	100.00
3. Tugumukti	36	0	0			0.00	0.00	31	35,218	75	10,500	1,136.06	2,073.94	3.98	2.13	93.90	0.00	100.00
4. Gekbrong	32	0	0			0.00	0.00	27	29,690	42	4,900	1,099.63	1,183.41	0.00	0.28	99.72	0.00	100.00
5. Cisirupan	107	9	1,790	20	1,000	198.89	313.50	88	32,870	20	2,950	373.52	449.75	3.95	16.33	74.27	5.45	100.00
6. Tanjungkarya	35	9	4,525	10	2,000	502.78	638.38	32	21,035	50	2,000	657.34	581.26	16.14	26.53	35.82	21.51	100.00
7. Mekarmukti	107	40	9,500	15	1,050	237.50	228.49	105	41,671	30	2,100	396.87	370.34	10.85	51.35	15.01	22.80	100.00
8. Cisantana	110	7	1,015	30	500	145.00	168.05	104	35,416	25	2,100	340.54	326.68	17.03	12.22	67.89	2.87	100.00
Total or Average	514	72	18,051	6	2,000	250.71	315.44	465	220,069	11	10,500	473.27	744.16	8.15	19.22	64.44	8.20	100.00

Table IV-42 Land Holding Status by Land Use Type - Irrigated Sawah

Model Area	Sample H'hold (No.)	Irrigated Sawah																							
		Land Owned (FN54)						Land Rented from Others (FN55)						Land Leased to Others (FN56)						Land Operated (FN57)					
		No. of Answers (No.)	Total Area Owned (Bata)	Min. Area Owned (Bata)	Max. Area Owned (Bata)	Ave. Area Owned (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD
1. Mekarjaya	51	7	1,280	5	455	182.86	179.07	1	150	150	150	150.00	0.00	1	190	190	190	190.00	0.00	8	1,240	5	400	155.00	130.90
2. Langensari	36	0	0			0.00	0.00	1	40	40	40	40.00	0.00	0	0			0.00	0.00	1	40	40	40	40.00	0.00
3. Tugumukti	36	2	400	100	300	200.00	141.42	2	1,000	300	700	500.00	282.84	0	0			0.00	0.00	3	1,400	100	700	466.67	321.46
4. Gekbrong	32	0	0			0.00	0.00	0	0			0.00	0.00	0	0			0.00	0.00	0	0			0.00	0.00
5. Cisirupan	107	1	50	50	50	50.00	0.00	3	1,250	200	700	416.67	256.58	0	0			0.00	0.00	4	1,300	50	700	325.00	278.39
6. Tanjungkarya	35	9	1,295	5	500	143.89	169.39	4	2,100	100	1,400	525.00	596.52	0	0			0.00	0.00	11	3,395	50	1,400	308.64	393.07
7. Mekarmukti	107	20	3,860	50	1,050	193.00	217.59	5	1,090	50	340	218.00	132.74	3	430	80	250	143.33	92.92	20	4,520	50	1,050	226.00	249.11
8. Cisantana	110	30	6,310	15	1,600	210.33	365.54	10	1,380	50	450	138.00	118.49	3	1,660	100	1,400	553.33	733.85	35	6,030	15	1,400	172.29	241.08
Total or Average	514	69	13,195	5	1,600	191.23	278.34	26	7,010	40	1,400	269.62	294.04	7	2,280	80	1,400	325.71	477.49	82	17,925	5	1,400	218.60	265.71

Table IV-43 Land Holding Status by Land Use Type - Rainfed Sawah

Model Area	Sample H'hold (No.)	Rainfed Sawah																							
		Land Owned (FN58)						Land Rented from Others (FN59)						Land Leased to Others (FN60)						Land Operated (FN61)					
		No. of Answers (No.)	Total Area Owned (Bata)	Min. Area Owned (Bata)	Max. Area Owned (Bata)	Ave. Area Owned (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD
1. Mekarjaya	51	20	3,030	10	400	151.50	103.57	9	2,240	50	700	248.89	225.30	3	570	80	400	190.00	181.93	24	4,700	50	710	195.83	154.42
2. Langensari	36	1	86	86	86	86.00	0.00	0	0			0.00	0.00	0	0			0.00	0.00	1	86	86	86	86.00	0.00
3. Tugumukti	36	2	750	250	500	375.00	176.78	0	0			0.00	0.00	0	0			0.00	0.00	2	750	250	500	375.00	176.78
4. Gekbrong	32	0	0			0.00	0.00	1	84	84	84	84.00	0.00	0	0			0.00	0.00	1	84	84	84	84.00	0.00
5. Cisirupan	107	14	2,818	26	740	201.29	184.71	8	2,550	50	1,400	318.75	443.96	0	0			0.00	0.00	19	5,368	50	1,680	282.53	371.64
6. Tanjungkarya	35	12	2,880	30	1,000	240.00	269.21	6	2,700	100	1,000	450.00	356.37	0	0			0.00	0.00	14	5,580	50	1,200	398.57	378.29
7. Mekarmukti	107	82	21,366	30	1,300	260.56	227.27	9	1,000	50	200	111.11	48.59	6	970	30	400	161.67	155.36	83	21,396	30	1,300	257.78	213.31
8. Cisantana	110	25	3,827	22	1,050	153.08	201.54	5	500	50	150	100.00	35.36	0	0			0.00	0.00	28	4,327	22	1,150	154.54	210.56
Total or Average	514	156	34,757	10	1,300	222.80	213.26	38	9,074	50	1,400	238.79	286.23	9	1,540	30	400	171.11	153.50	172	42,291	22	1,680	245.88	248.94

Table IV-44 Land Holding Status of Farm Households by Land Use Type - Upland for Field Crop

Model Area	Sample H'hold (No.)	Upland for Field Crop																							
		Land Owned (FN62)						Land Rented from Others (FN63)						Land Leased to Others (FN64)						Land Operated (FN65)					
		No. of Answers (No.)	Total Area Owned (Bata)	Min. Area Owned (Bata)	Max. Area Owned (Bata)	Ave. Area Owned (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD
1. Mekarjaya	51	12	3,220	50	700	268.33	236.79	11	3,000	50	700	272.73	207.80	0	0			0.00	0.00	21	6,220	50	750	296.19	240.68
2. Langensari	36	26	5,472	12	700	210.46	192.37	20	6,040	30	700	302.00	235.85	2	850	350	500	425.00	106.07	35	10,662	40	960	304.63	252.34
3. Tugumukti	36	23	29,693	100	10,500	1,291.00	2,296.76	10	3,575	75	1,400	357.50	411.31	1	200	200	200	200.00	0.00	29	33,068	75	10,500	1,140.28	2,119.19
4. Gekbrong	32	12	3,771	28	1,400	314.25	397.42	24	25,835	42	4,900	1,076.46	1,132.21	0	0			0.00	0.00	26	29,606	42	4,900	1,138.69	1,188.96
5. Cisirupan	107	55	15,352	25	2,800	279.13	431.82	31	9,625	50	1,400	310.48	323.88	6	565	25	200	94.17	60.03	71	24,412	25	2,800	343.83	429.43
6. Tanjungkarya	35	13	5,370	50	1,400	413.08	391.08	6	3,700	100	1,200	616.67	360.09	2	1,535	135	1,400	767.50	894.49	16	7,535	50	1,400	470.94	402.84
7. Mekarmukti	107	25	5,655	50	1,000	226.20	243.45	2	600	200	400	300.00	141.42	0	0			0.00	0.00	26	6,255	50	1,400	240.58	296.43
8. Cisantana	110	83	21,899	25	1,050	263.84	228.05	18	2,315	35	300	128.61	78.40	2	170	70	100	85.00	21.21	90	24,044	30	1,200	267.16	229.79
Total or Average	514	249	90,432	12	10,500	363.18	801.15	122	54,690	30	4,900	448.28	638.81	13	3,320	25	1,400	255.38	368.44	314	141,802	25	10,500	451.60	836.46

Table IV-45 Land Holding Status by Land Use Type - Upland for Tree Crop

Model Area	Sample H'hold (No.)	Upland for Tree Crop																							
		Land Owned (FN66)						Land Rented from Others (FN67)						Land Leased to Others (FN68)						Land Operated (FN69)					
		No. of Answers (No.)	Total Area Owned (Bata)	Min. Area Owned (Bata)	Max. Area Owned (Bata)	Ave. Area Owned (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD
1. Mekarjaya	51	4	856	6	350	214.00	152.04	0	0			0.00	0.00	0	0			0.00	0.00	4	856	6	350	214.00	152.04
2. Langensari	36	3	365	55	160	121.67	57.95	0	0			0.00	0.00	0	0			0.00	0.00	3	365	55	160	121.67	57.95
3. Tugumukti	36	0	0			0.00	0.00	0	0			0.00	0.00	0	0			0.00	0.00	0	0			0.00	0.00
4. Gekbrong	32	0	0			0.00	0.00	0	0			0.00	0.00	0	0			0.00	0.00	0	0			0.00	0.00
5. Cisirupan	107	8	1,770	25	1,000	221.25	327.38	1	20	20	20	20.00	0.00	0	0			0.00	0.00	9	1,790	20	1,000	198.89	313.50
6. Tanjungkarya	35	9	4,225	10	2,100	469.44	652.10	1	400	400	400	400.00	0.00	1	100	100	100	100.00	0.00	9	4,525	10	2,000	502.78	638.38
7. Mekarmukti	107	40	9,300	15	1,050	232.50	228.71	2	200	100	100	100.00	0.00	0	0			0.00	0.00	40	9,500	15	1,050	237.50	228.49
8. Cisantana	110	7	1,015	30	500	145.00	168.05	0	0			0.00	0.00	0	0			0.00	0.00	7	1,015	30	500	145.00	168.05
Total or Average	514	71	17,531	6	2,100	246.92	316.70	4	620	20	400	155.00	167.63	1	100	100	100	100.00	0.00	72	18,051	6	2,000	250.71	315.44

Table IV-46 Land Holding Status by Land Use Type - Total Land

Model Area	Sample H'hold (No.)	Total Land																							
		Land Owned (FN70)						Land Rented from Others (FN71)					Land Leased to Others (FN72)					Land Operated (FN73)							
		No. of Answers (No.)	Total Area Owned (Bata)	Min. Area Owned (Bata)	Max. Area Owned (Bata)	Ave. Area Owned (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD
1. Mekarjaya	51	31	8,386	10	1,450	270.52	300.47	18	5,390	50	1,400	299.44	359.50	4	760	80	400	190.00	148.55	42	13,016	11	1,450	309.90	356.74
2. Langensari	36	27	5,923	12	700	219.37	196.41	21	6,080	30	700	289.52	236.89	2	850	350	500	425.00	106.07	36	11,153	40	960	309.81	254.20
3. Tugumukti	36	24	30,843	100	10,500	1,285.13	2,265.06	11	4,575	75	1,400	415.91	435.64	1	200	200	200	200.00	0.00	31	35,218	75	10,500	1,136.06	2,073.94
4. Gekbrong	32	12	3,771	28	1,400	314.25	397.42	25	25,919	42	4,900	1,036.76	1,126.00	0	0			0.00	0.00	27	29,690	42	4,900	1,099.63	1,183.41
5. Cisirupan	107	66	19,990	25	2,950	302.88	437.96	41	13,445	20	1,400	327.93	347.66	6	565	25	200	94.17	60.03	88	32,870	20	2,950	373.52	449.75
6. Tanjungkarya	35	29	13,770	15	2,200	474.83	560.97	14	8,900	100	1,400	635.71	497.08	3	1,635	100	1,400	545.00	740.66	32	21,035	50	2,000	657.34	581.26
7. Mekarmukti	107	103	40,181	30	2,100	390.11	368.07	16	2,890	50	400	180.63	114.34	9	1,400	30	400	155.56	131.64	105	41,671	30	2,100	396.87	370.34
8. Cisantana	110	95	33,051	25	2,100	347.91	374.65	28	4,195	35	500	149.82	123.79	4	1,830	100	1,400	457.50	631.31	104	35,416	25	2,100	340.54	326.68
Total or Average	514	387	155,915	10	10,500	402.88	707.26	174	71,394	20	4,900	410.31	580.89	29	7,240	25	1,400	249.66	341.44	465	220,069	11	10,500	473.27	744.16

Table IV-47 Number of Households by Land Tenurial Status and Their Operated Lands - Irrigated Sawah

Model Area	Sample H'hold (No.)	Irrigated Sawah																							
		H'holds Operate Only Owned Land (FN54&FN55)						H'holds Operate Only Rented Land (FN55&FN54)					H'holds Operate Owned and Rented Land (FN54&FN55)					Land Owners who Lease all Land to Others (FN54&56)							
		No. of Answers (No.)	Total Area Owned (Bata)	Min. Area Owned (Bata)	Max. Area Owned (Bata)	Ave. Area Owned (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD
1. Mekarjaya	51	7	1,280	5	455	183	179	1	150	150	150	150	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Langensari	36	0	0	0	0	0	0	1	40	40	40	40	0	0	0	0	0	0	0	0	0	0	0	0	
3. Tugumukti	36	1	100	100	100	100	0	1	700	700	700	700	0	1	600	600	600	600	0	0	0	0	0	0	
4. Gekbrong	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Cisirupan	107	1	50	50	50	50	0	3	1,250	200	700	417	257	0	0	0	0	0	0	0	0	0	0	0	
6. Tanjungkarya	35	7	1,275	50	500	182	175	2	1,800	400	1,400	900	707	2	320	105	215	160	78	0	0	0	0	0	
7. Mekarmukti	107	16	3,005	50	1,050	188	238	1	340	340	340	340	0	4	1,605	130	650	401	215	1	100	100	100	100	
8. Cisantana	110	26	5,930	15	1,600	228	390	6	1,020	60	450	170	148	4	740	100	250	185	77	1	160	160	160	160	
Total or Average	514	58	11,640	5	1,600	201	299	15	5,300	40	1,400	353	360	11	3,265	100	650	297	196	2	260	100	160	130	

Table IV-48 Number of Households by Land Tenurial Status and Their Operated Lands - Rainfed Sawah

Model Area	Sample H'hold (No.)	Rainfed Sawah																							
		H'holds Operate Only Owned Land (FN58&FN59)						H'holds Operate Only Rented Land (FN59&FN58)					H'holds Operate Owned and Rented Land (FN58&FN59)					Land Owners who Lease all Land to Others (FN58&60)							
		No. of Answers (No.)	Total Area Owned (Bata)	Min. Area Owned (Bata)	Max. Area Owned (Bata)	Ave. Area Owned (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD
1. Mekarjaya	51	17	2,820	50	400	166	105	6	1,440	100	440	240	157	3	1,010	150	710	337	323	2	480	80	400	240	226
2. Langensari	36	1	86	86	86	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3. Tugumukti	36	2	750	250	500	375	177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4. Gekbrong	32	0	0	0	0	0	0	1	84	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	
5. Cisirupan	107	11	2,462	50	740	224	194	5	900	100	300	180	84	3	2,006	100	1,680	669	878	0	0	0	0	0	
6. Tanjungkarya	35	8	2,350	50	1,000	294	318	2	600	100	500	300	283	4	2,630	130	1,200	658	482	0	0	0	0	0	
7. Mekarmukti	107	75	20,391	30	1,300	272	234	2	200	100	100	100	0	7	1,775	150	400	254	94	1	40	40	40	40	
8. Cisantana	110	23	2,577	22	300	112	77	3	300	50	150	100	50	2	1,450	300	1,150	725	601	0	0	0	0	0	
Total or Average	514	137	31,436	22	1,300	229	212	19	3,524	50	500	185	135	19	8,871	100	1,680	467	449	3	520	40	400	173	

Table IV-49 Number of Households by Land Tenurial Status and Their Operated Lands - Upland for Field Crop

Model Area	Sample H'hold (No.)	Upland for Field Crop																							
		H'holds Operate Only Owned Land (FN62&FN63)						H'holds Operate Only Rented Land (FN63&FN62)					H'holds Operate Owned and Rented Land (FN62&FN63)					Land Owners who Lease all Land to Others (FN62&64)							
		No. of Answers (No.)	Total Area Owned (Bata)	Min. Area Owned (Bata)	Max. Area Owned (Bata)	Ave. Area Owned (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD
1. Mekarjaya	51	10	2,870	50	700	287	255	9	2,400	50	700	267	209	2	950	200	750	475	389	0	0	0	0	0	
2. Langensari	36	15	3,720	40	700	248	189	9	2,500	100	700	278	249	11	5,292	100	960	481	309	0	0	0	0	0	
3. Tugumukti	36	19	26,068	100	10,500	1,372	2,520	6	825	75	250	138	70	4	6,375	600	2,800	1,594	1,035	0	0	0	0	0	
4. Gekbrong	32	2	484	142	342	242	141	14	14,431	42	4,900	1,031	1,302	10	14,691	313	3,500	1,469	1,076	0	0	0	0	0	
5. Cisirupan	107	44	12,127	25	2,800	276	466	20	7,455	50	1,400	373	381	11	5,395	150	1,000	490	290	3	325	25	200	108	
6. Tanjungkarya	35	11	4,520	50	1,400	411	410	4	2,500	100	1,200	625	457	2	2,050	650	1,400	1,025	530	1	1,400	1,400	1,400	1,400	
7. Mekarmukti	107	24	4,655	50	800	194	186	1	200	200	200	200	0	1	1,400	1,400	1,400	1,400	0	0	0	0	0	0	
8. Cisantana	110	73	18,414	30	1,000	252	206	8	1,350	60	300	169	96	10	4,450	85	1,200	445	372	1	70	70	70	70	
Total or Average	514	198	72,858	25	10,500	368	878	71	31,661	42	4,900	446	688	51	40,603	85	3,500	796	751	5	1,795	25	1,400	359	

Table IV-50 Number of Households by Land Tenurial Status and Their Operated Lands - Upland for Tree Crop

Model Area	Sample H'hold (No.)	Upland for Tree Crop																							
		H'holds Operate Only Owned Land (FN66&FN67)						H'holds Operate Only Rented Land (FN67&FN66)						H'holds Operate Owned and Rented Land (FN66&FN67)						Land Owners who Lease all Land to Others (FN66&68)					
		No. of Answers (No.)	Total Area Owned (Bata)	Min. Area Owned (Bata)	Max. Area Owned (Bata)	Ave. Area Owned (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD
1. Mekarjaya	51	4	856	6	350	214	152	0	0			0	0	0	0			0	0	0	0			0	0
2. Langensari	36	3	365	55	160	122	58	0	0			0	0	0	0			0	0	0	0			0	0
3. Tugumukti	36	0	0			0	0	0	0			0	0	0	0			0	0	0	0			0	0
4. Gekbrong	32	0	0			0	0	0	0			0	0	0	0			0	0	0	0			0	0
5. Cisarupan	107	8	1,770	25	1,000	221	327	1	20	20	20	20	0	0	0			0	0	0	0			0	0
6. Tanjungkarya	35	8	3,725	10	2,100	466	697	0	0			0	0	1	900	900	900	900	0	0	0			0	0
7. Mekarmukti	107	38	8,950	15	1,050	236	234	0	0			0	0	2	550	250	300	275	35	0	0			0	0
8. Cisantana	110	7	1,015	30	500	145	168	0	0			0	0	0	0			0	0	0	0			0	0
Total or Average	514	68	16,681	6	2,100	245	322	1	20	20	20	20	0	3	1,450	250	900	483	362	0	0	0	0	0	0

Table IV-51 Number of Households by Land Tenurial Status and Their Operated Lands - Total Land

Model Area	Sample H'hold (No.)	Total Land																							
		H'holds Operate Only Owned Land (FN70&FN71)						H'holds Operate Only Rented Land (FN71&FN70)						H'holds Operate Owned and Rented Land (FN70&FN71)						Land Owners who Lease all Land to Others (FN70&72)					
		No. of Answers (No.)	Total Area Owned (Bata)	Min. Area Owned (Bata)	Max. Area Owned (Bata)	Ave. Area Owned (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD	No. of Answers (No.)	Total Area Operated (Bata)	Min. Area Operated (Bata)	Max. Area Operated (Bata)	Ave. Area Operated (Bata)	STD
1. Mekarjaya	51	24	7,386	11	1,450	308	326	11	2,390	50	700	217	208	7	4,000	150	1,410	571	547	0	0			0	0
2. Langensari	36	15	3,461	40	700	231	201	9	2,500	100	700	278	249	12	6,042	100	960	504	283	0	0			0	0
3. Tugumukti	36	20	26,918	100	10,500	1,346	2,473	7	1,525	75	700	218	222	4	6,975	600	2,800	1,744	1,168	0	0			0	0
4. Gekbrong	32	2	484	142	342	242	141	15	14,515	42	4,900	968	1,278	10	14,691	313	3,500	1,469	1,076	0	0			0	0
5. Cisarupan	107	50	16,134	25	2,950	323	482	25	8,625	20	1,400	345	359	16	8,676	100	1,830	542	443	3	325	25	200	108	88
6. Tanjungkarya	35	18	10,365	50	2,200	576	661	3	1,000	100	500	333	208	11	11,305	115	1,900	1,028	615	0	0			0	0
7. Mekarmukti	107	89	35,941	30	2,100	404	365	2	300	100	200	150	71	14	6,830	130	2,000	488	478	0	0			0	0
8. Cisantana	110	76	26,011	25	2,100	342	381	9	2,310	60	500	257	174	19	8,925	85	1,450	470	366	0	0			0	0
Total or Average	514	294	126,700	11	10,500	431	784	81	33,165	20	4,900	409	647	93	67,444	85	3,500	725	686	3	325	25	200	108	88

Table IV-52 Distribution of Households by Land Holding Type

Model Area	Households by Land Holding Status									
	Number of "Yes"					Percentage Distribution of "Yes"				
	1 (FN74) (No.)	2 (FN75) (No.)	3 (FN76) (No.)	4 (FN77) (No.)	Total (No.)	1 (FN74) (%)	2 (FN75) (%)	3 (FN76) (%)	4 (FN77) (%)	Total (%)
1. Mekarjaya	23	4	14	10	51	45.10	7.84	27.45	19.61	100.00
2. Langensari	14	13	9	0	36	38.89	36.11	25.00	0.00	100.00
3. Tugumukti	20	4	7	5	36	55.56	11.11	19.44	13.89	100.00
4. Gekbrong	2	9	16	5	32	6.25	28.13	50.00	15.63	100.00
5. Cisurupan	51	14	25	17	107	47.66	13.08	23.36	15.89	100.00
6. Tanjungkarya	18	11	3	3	35	51.43	31.43	8.57	8.57	100.00
7. Mekarmukti	91	12	2	2	107	85.05	11.21	1.87	1.87	100.00
8. Cisantana	72	18	11	9	110	65.45	16.36	10.00	8.18	100.00
Total or Average	291	85	87	51	514	56.61	16.54	16.93	9.92	100.00

1. "Owned Land" only
 2. "Owend Land" and "Rented Land"
 3. "Rented Land" only
 4. No operated land

Table IV-53 Mode of Land Rental Charge Payment

Model Area	Sample H'hold (No.)	Mode of Payment									
		Number of "Yes"					Percentage Distribution of "Yes"				
		In Cash (FN78) (No.)	In Kind (FN82) (No.)	Free of Charge (FN89) (No.)	Others (FN90) (No.)	Total (No.)	In Cash (FN78) (%)	In Kind (FN82) (%)	Free of Charge (FN89) (%)	Others (FN90) (%)	Total (%)
1. Mekarjaya	51	9	7	0	0	16	56.25	43.75	0.00	0.00	100.00
2. Langensari	36	21	0	3	0	24	87.50	0.00	12.50	0.00	100.00
3. Tugumukti	36	9	2	0	0	11	81.82	18.18	0.00	0.00	100.00
4. Gekbrong	32	25	0	0	0	25	100.00	0.00	0.00	0.00	100.00
5. Cisurupan	107	23	2	0	0	25	92.00	8.00	0.00	0.00	100.00
6. Tanjungkarya	35	12	2	0	0	14	85.71	14.29	0.00	0.00	100.00
7. Mekarmukti	107	3	3	0	3	9	33.33	33.33	0.00	33.33	100.00
8. Cisantana	110	19	11	0	0	30	63.33	36.67	0.00	0.00	100.00
Total or Average	514	121	27	3	3	154	78.57	17.53	1.95	1.95	100.00

Table IV-54 Land Rental Charge When It Is Paid In Cash

Model Area	Sample H'hold (No.)	Land Rental Charge when it is paid in cash																	
		Irrigated Sawah (FN79)						Rainfed Sawah (FN80)						Upland (FN81)					
		No. of Answers (No.)	Total Amount (Rp.1000)	Min. Amount (Rp.)	Max. Amount (Rp.)	Ave. Amount (Rp.)	STD	No. of Answers (No.)	Total Amount (Rp.1000)	Min. Amount (Rp.)	Max. Amount (Rp.)	Ave. Amount (Rp.)	STD	No. of Answers (No.)	Total Amount (Rp.1000)	Min. Amount (Rp.)	Max. Amount (Rp.)	Ave. Amount (Rp.)	STD
1. Mekarjaya	51	0	0			0	0	5	1,610	70,000	600,000	322,000	240,354	4	1,634	20,000	1,500,000	408,500	727,880
2. Langensari	36	1	200	200,000	200,000	200,000	0	1	700	700,000	700,000	700,000	0	19	4,253	25,000	400,000	223,842	122,218
3. Tugumukti	36	1	500	500,000	500,000	500,000	0	1	200	200,000	200,000	200,000	0	7	1,552	52,000	500,000	221,714	137,601
4. Gekbrong	32	0	0			0	0	0	0			0	0	25	4,827	56,000	1,500,000	193,083	273,572
5. Cisurupan	107	0	0			0	0	9	3,350	100,000	1,000,000	372,222	302,191	15	3,260	20,000	750,000	217,333	169,683
6. Tanjungkarya	35	3	1,650	350,000	800,000	550,000	229,129	5	3,040	300,000	800,000	608,000	226,539	8	1,815	100,000	375,000	226,875	103,818
7. Mekarmukti	107	1	150	150,000	150,000	150,000	0	1	250	250,000	250,000	250,000	0	2	62	10,000	52,000	31,000	29,698
8. Cisantana	110	6	1,650	200,000	400,000	275,000	75,829	4	1,100	250,000	300,000	275,000	28,868	10	2,090	40,000	400,000	209,000	109,184
Total or Average	514	12	4,150	150,000	800,000	345,833	183,969	26	10,250	70,000	1,000,000	394,231	255,909	90	19,493	10,000	1,500,000	216,590	227,034

Unit : Rps./100bata/year

Table IV-55 Land Rental Charge In Terms of Crop Sharing When It Is Paid in Kind

Model Area	Sample H'hold (No.)	Land Rental Charge when it is paid in kind																	
		Irrigated Sawah (FN83)						Rainfed Sawah (FN85)						Upland (FN87)					
		No. of Answers (No.)	Rental Charge (% of Harvest)					No. of Answers (No.)	Rental Charge (% of Harvest)					No. of Answers (No.)	Rental Charge (% of Harvest)				
			Total % (%)	Min. % (%)	Max. % (%)	Ave. % (%)	STD		Total % (%)	Min. % (%)	Max. % (%)	Ave. % (%)	STD		Total % (%)	Min. % (%)	Max. % (%)	Ave. % (%)	STD
1. Mekarjaya	51	1	50.00	50.00	50.00	50.00	0.00	3	160.00	50.00	60.00	53.33	5.77	6	337.00	30.00	70.00	56.17	15.88
2. Langensari	36	0	0.00			0.00	0.00	0	0.00			0.00	0.00	0	0.00			0.00	0.00
3. Tugumukti	36	0	0.00			0.00	0.00	0	0.00			0.00	0.00	2	100.00	20.00	80.00	50.00	42.43
4. Gekbrong	32	0	0.00			0.00	0.00	0	0.00			0.00	0.00	0	0.00			0.00	0.00
5. Cisurupan	107	2	100.00	50.00	50.00	50.00	0.00	2	100.00	50.00	50.00	50.00	0.00	8	384.00	34.00	50.00	48.00	5.66
6. Tanjungkarya	35	2	100.00	50.00	50.00	50.00	0.00	0	0.00			0.00	0.00	0	0.00			0.00	0.00
7. Mekarmukti	107	3	150.00	50.00	50.00	50.00	0.00	4	160.00	10.00	50.00	40.00	20.00	0	0.00			0.00	0.00
8. Cisantana	110	7	370.00	40.00	80.00	52.86	12.54	1	50.00	50.00	50.00	50.00	0.00	7	296.00	10.00	80.00	42.29	22.73
Total or Average	546	15	770.00	40.00	80.00	51.33	8.34	10	470.00	10.00	60.00	47.00	13.37	23	1,117.00	10.00	80.00	48.57	17.86

Table IV-56 Share of Production Cost Between Owner and Tenant When It Is Paid In Kind - Irrigated and Rainfed Sawah

Model Area	Sample H'hold (No.)	Share of production cost when it is paid in kind															
		Irrigated Sawah (FN84)								Rainfed Sawah (FN86)							
		No. of Answers				% Distribution of Answers				No. of Answers				% Distribution of Answers			
		1 Owner (No.)	2 Tenant (No.)	3 Both (No.)	Total (No.)	1 Owner (%)	2 Tenant (%)	3 Both (%)	Total (%)	1 Owner (No.)	2 Tenant (No.)	3 Both (No.)	Total (No.)	1 Owner (%)	2 Tenant (%)	3 Both (%)	Total (%)
1. Mekarjaya	51	0	1	0	1	0.00	100.00	0.00	100.00	0	3	0	3	0.00	100.00	0.00	100.00
2. Langensari	36	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00
3. Tugumukti	36	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00
4. Gekbrong	32	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00
5. Cisarupan	107	0	1	1	2	0.00	50.00	50.00	100.00	1	0	1	2	50.00	0.00	50.00	100.00
6. Tanjungkarya	35	0	1	1	2	0.00	50.00	50.00	100.00	0	0	0	0	0.00	0.00	0.00	0.00
7. Mekarmukti	107	0	1	2	3	0.00	33.33	66.67	100.00	0	2	2	4	0.00	50.00	50.00	100.00
8. Cisantana	110	0	3	4	7	0.00	42.86	57.14	100.00	1	0	0	1	100.00	0.00	0.00	100.00
Total or Average	514	0	7	8	15	0.00	46.67	53.33	100.00	2	5	3	10	20.00	50.00	30.00	100.00

Code for Production Cost Paid by:

- 1. Land owner
- 2. Tenant
- 3. Both land owner and tenant

Table IV-57 Share of Production Cost Between Owner and Tenant When It Is Paid In Kind - Upland

Model Area	Sample H'hold (No.)	Share of production cost when it is paid in kind							
		Upland (FN88)							
		No. of Answers				% Distribution of Answers			
		1 Owner (No.)	2 Tenant (No.)	3 Both (No.)	Total (No.)	1 Owner (%)	2 Tenant (%)	3 Both (%)	Total (%)
1. Mekarjaya	51	0	6	0	6	0.00	100.00	0.00	100.00
2. Langensari	36	0	0	0	0	0.00	0.00	0.00	0.00
3. Tugumukti	36	0	2	0	2	0.00	100.00	0.00	100.00
4. Gekbrong	32	0	0	0	0	0.00	0.00	0.00	0.00
5. Cisarupan	107	0	3	5	8	0.00	37.50	62.50	100.00
6. Tanjungkarya	35	0	0	0	0	0.00	0.00	0.00	0.00
7. Mekarmukti	107	0	0	0	0	0.00	0.00	0.00	0.00
8. Cisantana	110	0	6	1	7	0.00	85.71	14.29	100.00
Total or Average	514	0	17	6	23	0.00	73.91	26.09	100.00

Code for Production Cost Paid by:

- 1. Land owner
- 2. Tenant
- 3. Both land owner and tenant

Table IV-58 Decision Maker in Crop Selection in Rented Land - Irrigated Sawah and Rainfed Sawah

Model Area	Sample H'hold (No.)	Irrigated Sawah (FN91)										Raifed Sawah (FN92)									
		No. of Answers					Percentage Distribution					No. of Answers					Percentage Distribution				
		1 (No.)	2 (No.)	3 (No.)	4 (No.)	Total (No.)	1 (%)	2 (%)	3 (%)	4 (%)	Total (%)	1 (No.)	2 (No.)	3 (No.)	4 (No.)	Total (No.)	1 (%)	2 (%)	3 (%)	4 (%)	Total (%)
1. Mekarjaya	51	0	1	0	0	1	0.00	100.00	0.00	0.00	100.00	0	9	0	0	9	0.00	100.00	0.00	0.00	100.00
2. Langensari	36	0	1	0	0	1	0.00	100.00	0.00	0.00	100.00	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
3. Tugumukti	36	1	1	0	0	2	50.00	50.00	0.00	0.00	100.00	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
4. Gekbrong	32	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0	1	0	0	1	0.00	100.00	0.00	0.00	100.00
5. Cisirupan	107	0	3	0	0	3	0.00	100.00	0.00	0.00	100.00	1	7	0	0	8	12.50	87.50	0.00	0.00	100.00
6. Tanjungkarya	35	1	3	0	0	4	25.00	75.00	0.00	0.00	100.00	0	6	0	0	6	0.00	100.00	0.00	0.00	100.00
7. Mekarmukti	107	0	5	0	0	5	0.00	100.00	0.00	0.00	100.00	1	8	0	0	9	11.11	88.89	0.00	0.00	100.00
8. Cisantana	110	1	9	0	0	10	10.00	90.00	0.00	0.00	100.00	0	5	0	0	5	0.00	100.00	0.00	0.00	100.00
Total or Average	514	3	23	0	0	26	11.54	88.46	0.00	0.00	100.00	2	36	0	0	38	5.26	94.74	0.00	0.00	100.00

Code for Decision Maker

- 1. Land owner
- 2. Tenant
- 3. Both land owner and tenant
- 4. Others

Table IV-59 Decision Maker in Crop Selection in Rented Land - Upland

Model Area	Sample H'hold (No.)	Upland (FN93)									
		No. of Answers					Percentage Distribution				
		1 (No.)	2 (No.)	3 (No.)	4 (No.)	Total (No.)	1 (%)	2 (%)	3 (%)	4 (%)	Total (%)
1. Mekarjaya	51	0	11	0	0	11	0.00	100.00	0.00	0.00	100.00
2. Langensari	36	1	19	0	0	20	5.00	95.00	0.00	0.00	100.00
3. Tugumukti	36	1	9	0	0	10	10.00	90.00	0.00	0.00	100.00
4. Gekbrong	32	2	22	0	0	24	8.33	91.67	0.00	0.00	100.00
5. Cisirupan	107	1	29	2	0	32	3.13	90.63	6.25	0.00	100.00
6. Tanjungkarya	35	0	7	0	0	7	0.00	100.00	0.00	0.00	100.00
7. Mekarmukti	107	0	3	1	0	4	0.00	75.00	25.00	0.00	100.00
8. Cisantana	110	1	16	1	0	18	5.56	88.89	5.56	0.00	100.00
Total or Average	514	6	116	4	0	126	4.76	92.06	3.17	0.00	100.00

Code for Decision Maker

- 1. Land owner
- 2. Tenant
- 3. Both land owner and tenant
- 4. Others

Table IV-60 Cropping Pattern in Irrigated Sawah

Model Area	Sample H'hold (No.)	Cropping Pattern in Irrigated Sawah (FN94)															
		Number of Answers								Percentage Distribution of Answers							
		1 (No.)	2 (No.)	3 (No.)	4 (No.)	5 (No.)	6 (No.)	7 (No.)	Total (No.)	1 (%)	2 (%)	3 (%)	4 (%)	5 (%)	6 (%)	7 (%)	Total (%)
1. Mekarjaya	51	0	1	0	0	0	5	2	8	0.00	12.50	0.00	0.00	0.00	62.50	25.00	100.00
2. Langensari	36	0	0	0	1	0	0	0	1	0.00	0.00	0.00	100.00	0.00	0.00	0.00	100.00
3. Tugumukti	36	1	0	0	2	0	0	0	3	33.33	0.00	0.00	66.67	0.00	0.00	0.00	100.00
4. Gekbrong	32	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5. Cisurupan	107	0	0	1	0	0	1	2	4	0.00	0.00	25.00	0.00	0.00	25.00	50.00	100.00
6. Tanjungkarya	35	0	4	0	0	0	3	4	11	0.00	36.36	0.00	0.00	0.00	27.27	36.36	100.00
7. Mekarmukti	107	0	1	3	0	0	4	12	20	0.00	5.00	15.00	0.00	0.00	20.00	60.00	100.00
8. Cisantana	110	17	3	0	2	0	1	12	35	48.57	8.57	0.00	5.71	0.00	2.86	34.29	100.00
Total or Average	514	18	9	4	5	0	14	32	82	21.95	10.98	4.88	6.10	0.00	17.07	39.02	100.00

Code for Cropping Pattern for Irrigated and Rainfed Sawah

1. Paddy-Palawija-Palawija
 2. Paddy-Palawija
 3. Paddy
 4. Palawija-Palawija-Palawija
 5. Palawija-Palawija
 6. Paddy-Paddy-Paddy
 7. Others
- (Vegetables, folwers and secondary crops after paddy are all included in palawija crops.)

Table IV-61 Cropping Pattern in Rainfed Sawah

Model Area	Sample H'hold (No.)	Cropping Pattern in Rainfed Sawah (FN95)															
		Number of Answers								Percentage Distribution of Answers							
		1 (No.)	2 (No.)	3 (No.)	4 (No.)	5 (No.)	6 (No.)	7 (No.)	Total (No.)	1 (%)	2 (%)	3 (%)	4 (%)	5 (%)	6 (%)	7 (%)	Total (%)
1. Mekarjaya	51	0	10	1	1	1	2	9	24	0.00	41.67	4.17	4.17	4.17	8.33	37.50	100.00
2. Langensari	36	0	0	0	1	0	0	0	1	0.00	0.00	0.00	100.00	0.00	0.00	0.00	100.00
3. Tugumukti	36	1	0	0	0	0	0	1	2	50.00	0.00	0.00	0.00	0.00	0.00	50.00	100.00
4. Gekbrong	32	0	1	0	0	0	0	0	1	0.00	100.00	0.00	0.00	0.00	0.00	0.00	100.00
5. Cisurupan	107	2	1	2	8	3	0	3	19	10.53	5.26	10.53	42.11	15.79	0.00	15.79	100.00
6. Tanjungkarya	35	2	6	0	1	2	1	2	14	14.29	42.86	0.00	7.14	14.29	7.14	14.29	100.00
7. Mekarmukti	107	2	22	22	0	0	4	33	83	2.41	26.51	26.51	0.00	0.00	4.82	39.76	100.00
8. Cisantana	110	7	5	0	5	2	2	7	28	25.00	17.86	0.00	17.86	7.14	7.14	25.00	100.00
Total or Average	514	14	45	25	16	8	9	55	172	8.14	26.16	14.53	9.30	4.65	5.23	31.98	100.00

Code for Cropping Pattern for Irrigated and Rainfed Sawah

1. Paddy-Palawija-Palawija
 2. Paddy-Palawija
 3. Paddy
 4. Palawija-Palawija-Palawija
 5. Palawija-Palawija
 6. Paddy-Paddy-Paddy
 7. Others
- (Vegetables, folwers and secondary crops after paddy are all included in palawija crops.)

Table IV-62 Cropping Pattern in Upland

Model Area	Sample H'hold (No.)	Cropping Pattern in Upland for Field Crop (FN96)															
		Number of Answers								Percentage Distribution of Answers							
		1 (No.)	2 (No.)	3 (No.)	4 (No.)	5 (No.)	6 (No.)	7 (No.)	Total (No.)	1 (%)	2 (%)	3 (%)	4 (%)	5 (%)	6 (%)	7 (%)	Total (%)
1. Mekarjaya	51	5	6	5	3	2	0	0	21	23.81	28.57	23.81	14.29	9.52	0.00	0.00	100.00
2. Langensari	36	19	13	2	1	0	0	0	35	54.29	37.14	5.71	2.86	0.00	0.00	0.00	100.00
3. Tugumukti	36	22	5	1	0	0	0	1	29	75.86	17.24	3.45	0.00	0.00	0.00	3.45	100.00
4. Gekbrong	32	20	6	0	0	0	0	0	26	76.92	23.08	0.00	0.00	0.00	0.00	0.00	100.00
5. Cisurupan	107	40	19	5	6	0	0	1	71	56.34	26.76	7.04	8.45	0.00	0.00	1.41	100.00
6. Tanjungkarya	35	4	8	2	0	0	0	2	16	25.00	50.00	12.50	0.00	0.00	0.00	12.50	100.00
7. Mekarmukti	107	2	8	8	0	0	1	7	26	7.69	30.77	30.77	0.00	0.00	3.85	26.92	100.00
8. Cisantana	110	46	31	8	1	2	0	2	90	51.11	34.44	8.89	1.11	2.22	0.00	2.22	100.00
Total or Average	514	158	96	31	11	4	1	13	314	50.32	30.57	9.87	3.50	1.27	0.32	4.14	100.00

Code for Cropping Pattern for Upland

1. Palawija-Palawija-Palawija
 2. Palawija-Palawija
 3. Palawija
 4. Paddy-Palawija-Palawija
 5. Paddy-Palawija
 6. Paddy
 7. Others
- (Vegetables, folwers and secondary crops after paddy are all included in palawija crops.)

Table IV-63 Cropping Intensity in Irrigated Sawah

Model Area	Sample H'hold (No.)	Irrigated Sawah																			
		Wet Season Cropping (FN97)					Dry Season-I Cropping (FN98)					Dry Season-II Cropping (FN99)					Total (FN100)				
		No. of Answers (No.)	Min. % (%)	Max. % (%)	Ave. % (%)	STD	No. of Answers (No.)	Min. % (%)	Max. % (%)	Ave. % (%)	STD	No. of Answers (No.)	Min. % (%)	Max. % (%)	Ave. % (%)	STD	No. of Answers (No.)	Min. % (%)	Max. % (%)	Ave. % (%)	STD
1. Mekarjaya	51	9	100.00	100.00	100.00	0.00	9	100.00	100.00	100.00	0.00	6	50.00	100.00	91.67	20.41	9	200.00	300.00	261.11	48.59
2. Langensari	36	1	100.00	100.00	100.00	0.00	1	100.00	100.00	100.00	0.00	1	100.00	100.00	100.00	0.00	1	300.00	300.00	300.00	0.00
3. Tugumukti	36	4	100.00	100.00	100.00	0.00	4	50.00	100.00	87.50	25.00	3	100.00	100.00	100.00	0.00	4	150.00	300.00	262.50	75.00
4. Gekbrong	32	0			0.00	0.00	0			0.00	0.00	0			0.00	0.00	0			0.00	0.00
5. Cisurupan	107	3	100.00	100.00	100.00	0.00	3	100.00	100.00	100.00	0.00	0			0.00	0.00	3	200.00	200.00	200.00	0.00
6. Tanjungkarya	35	11	100.00	100.00	100.00	0.00	10	100.00	100.00	100.00	0.00	4	100.00	100.00	100.00	0.00	11	100.00	300.00	227.27	64.67
7. Mekarmukti	107	23	100.00	100.00	100.00	0.00	18	50.00	100.00	97.22	11.79	5	100.00	100.00	100.00	0.00	23	100.00	300.00	197.83	68.22
8. Cisantana	110	35	100.00	100.00	100.00	0.00	35	100.00	100.00	100.00	0.00	28	100.00	100.00	100.00	0.00	35	200.00	300.00	280.00	40.58
Total or Average	514	86	100.00	100.00	100.00	0.00	80	50.00	100.00	98.75	7.86	47	50.00	100.00	98.94	7.29	86	100.00	300.00	245.93	63.81

Table IV-64 Cropping Intensity in Rainfed Sawah

Model Area	Sample H'hold (No.)	Rainfed Sawah																			
		Wet Season Cropping (FN101)					Dry Season-I Cropping (FN102)					Dry Season-II Cropping (FN103)					Total (FN104)				
		No. of Answers (No.)	Min. % (%)	Max. % (%)	Ave. % (%)	STD	No. of Answers (No.)	Min. % (%)	Max. % (%)	Ave. % (%)	STD	No. of Answers (No.)	Min. % (%)	Max. % (%)	Ave. % (%)	STD	No. of Answers (No.)	Min. % (%)	Max. % (%)	Ave. % (%)	STD
1. Mekarjaya	51	22	100.00	100.00	100.00	0.00	22	50.00	100.00	97.73	10.66	6	70.00	100.00	95.00	12.25	24	50.00	300.00	205.00	61.43
2. Langensari	36	2	100.00	100.00	100.00	0.00	2	100.00	100.00	100.00	0.00	2	100.00	100.00	100.00	0.00	2	300.00	300.00	300.00	0.00
3. Tugumukti	36	3	100.00	100.00	100.00	0.00	3	100.00	100.00	100.00	0.00	1	100.00	100.00	100.00	0.00	3	200.00	300.00	233.33	57.74
4. Gekbrong	32	0			0.00	0.00	0			0.00	0.00	0			0.00	0.00	0			0.00	0.00
5. Cisurupan	107	27	100.00	100.00	100.00	0.00	26	25.00	100.00	88.46	24.73	17	25.00	100.00	91.18	21.54	27	100.00	300.00	242.59	67.87
6. Tanjungkarya	35	14	100.00	100.00	100.00	0.00	15	50.00	100.00	96.67	12.91	5	50.00	100.00	90.00	22.36	15	100.00	300.00	220.00	56.06
7. Mekarmukti	107	83	20.00	100.00	99.04	8.78	63	50.00	100.00	95.63	13.87	10	25.00	100.00	80.50	32.01	83	20.00	300.00	182.52	59.06
8. Cisantana	110	28	100.00	200.00	103.57	18.90	27	100.00	100.00	100.00	0.00	16	100.00	100.00	100.00	0.00	28	200.00	300.00	257.14	50.40
Total or Average	514	179	20.00	200.00	100.11	9.60	158	25.00	100.00	95.73	14.71	57	25.00	100.00	92.54	19.82	182	20.00	300.00	211.09	65.86

Table IV-65 Cropping Intensity in Upland for Field Crop

Model Area	Sample H'hold (No.)	Upland for Field Crop																			
		Wet Season Cropping (FN105)					Dry Season-I Cropping (FN106)					Dry Season-II Cropping (FN107)					Total (FN108)				
		No. of Answers (No.)	Min. % (%)	Max. % (%)	Ave. % (%)	STD	No. of Answers (No.)	Min. % (%)	Max. % (%)	Ave. % (%)	STD	No. of Answers (No.)	Min. % (%)	Max. % (%)	Ave. % (%)	STD	No. of Answers (No.)	Min. % (%)	Max. % (%)	Ave. % (%)	STD
1. Mekarjaya	51	22	60.00	100.00	98.18	8.53	18	50.00	100.00	92.22	18.01	11	60.00	100.00	96.36	12.06	22	100.00	300.00	221.82	80.16
2. Langensari	36	35	25.00	100.00	97.86	12.68	33	25.00	100.00	96.27	14.05	21	50.00	100.00	95.33	12.64	35	50.00	300.00	240.11	71.56
3. Tugumukti	36	29	100.00	100.00	100.00	0.00	22	15.00	100.00	74.55	33.56	15	15.00	100.00	63.67	38.10	29	100.00	300.00	189.31	76.56
4. Gekbrong	32	27	35.00	100.00	97.59	12.51	27	20.00	100.00	94.63	19.46	20	35.00	100.00	89.25	22.26	27	105.00	300.00	254.63	59.60
5. Cisurupan	107	69	100.00	100.00	100.00	0.00	68	25.00	100.00	98.16	10.86	46	25.00	200.00	95.65	23.75	68	100.00	300.00	258.46	52.30
6. Tanjungkarya	35	20	50.00	100.00	97.50	11.18	17	50.00	100.00	88.24	21.86	9	50.00	100.00	94.44	16.67	20	100.00	300.00	215.00	79.64
7. Mekarmukti	107	26	100.00	100.00	100.00	0.00	16	100.00	100.00	100.00	0.00	8	100.00	100.00	100.00	0.00	26	100.00	300.00	192.31	84.49
8. Cisantana	110	85	30.00	100.00	97.81	10.46	79	50.00	100.00	97.47	10.06	50	50.00	100.00	94.00	15.39	86	30.00	300.00	240.86	66.40
Total or Average	514	313	25.00	100.00	98.67	8.58	280	15.00	100.00	94.67	16.98	180	15.00	200.00	91.96	22.12	313	30.00	300.00	233.99	71.47

Table IV-66 Reasons of Low Cropping Intensity

Model Area	Sample Hhold (No.)	Wet Season (FN109)										Dry Season-I and/or Dry Season-II (FN110)									
		Number of Answers (Code for Reason)					Percentage Distribution of Answers (Code for Reason)					Number of Answers (Code for Reason)					Percentage Distribution of Answers (Code for Reason)				
		1	2	3	4	Total	1	2	3	4	Total	1	2	3	4	Total	1	2	3	4	Total
		(No.)	(No.)	(No.)	(No.)	(No.)	(%)	(%)	(%)	(%)	(%)	(No.)	(No.)	(No.)	(No.)	(No.)	(%)	(%)	(%)	(%)	(%)
1. Mekarjaya	51	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0	3	6	0	9	0.00	33.33	66.67	0.00	100.00
2. Langensari	36	0	1	1	0	2	0.00	50.00	50.00	0.00	100.00	0	2	12	0	14	0.00	14.29	85.71	0.00	100.00
3. Tugumukti	36	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0	1	21	0	22	0.00	4.55	95.45	0.00	100.00
4. Gekbrong	32	0	1	0	0	1	0.00	100.00	0.00	0.00	100.00	1	2	7	0	10	10.00	20.00	70.00	0.00	100.00
5. Cisarupan	107	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	1	1	24	3	29	3.45	3.45	82.76	10.34	100.00
6. Tanjungkarya	35	0	1	0	0	1	0.00	100.00	0.00	0.00	100.00	1	2	11	3	17	5.88	11.76	64.71	17.65	100.00
7. Mekarmukti	107	0	1	1	0	2	0.00	50.00	50.00	0.00	100.00	0	4	69	2	75	0.00	5.33	92.00	2.67	100.00
8. Cisantana	110	0	1	0	2	3	0.00	33.33	0.00	66.67	100.00	2	3	39	3	47	4.26	6.38	82.98	6.38	100.00
Total or Average	514	0	5	2	2	9	0.00	55.56	22.22	22.22	100.00	5	18	189	11	223	2.24	8.07	84.75	4.93	100.00

Code for Non-Cultivation

- 1. Labor shortage
- 2. Working capital shortage
- 3. Water shortage
- 4. Others

Survey Questionnaire

FARM HOUSEHOLD INTERVIEW SURVEY

M _____ D _____ Y _____

Date : _____ / _____ / _____ (FN1)

Enumerator : _____ (FN2) G.Leader : _____ (FN3)

Model Area (see Code) : _____ (FN4)

Code for Model Area

- | | | | |
|-----------------|---------------|---------------|---------------|
| 1. Tugumukti | 2. Langensari | 3. Mekarjaya | 4. Gekbrong |
| 5. Tanjungkarya | 6. Chisurupan | 7. Mekarmukti | 8. Chisantana |

Name of Sub-village : _____ (FN5)

(Group Leader shall prepare a map which shows the location of Sub-village in the village map.)

SECTION I GENERAL INFORMATION

I-1 Name of interviewee: _____ (FN6), Sex: (M / F): _____ (FN7), Age : _____ (FN8)
(He or she should be a head of household. In case that he/she is out of the village, other person who knows the household economic and production status can be an interviewee.)

I-2 Total number of household members _____ (FN9) persons
(Temporal absentees who are out of house are included. Therefore, this number of persons should be the same with that in I-3.)

I-3 Household members in the same house including the interviewee and temporal absentees.

	<u>SEX</u>	<u>AGE</u>	<u>EDU</u>	<u>FARM</u>	<u>OCC</u>	<u>PA</u>	
	<u>Sex</u>	<u>Age</u>	<u>Education</u> (see Code) (Y / N)	<u>Farming</u> <u>#1</u> (see Code)	<u>Main</u> <u>Occupation</u>	<u>Present /</u> <u>Absent #2</u>	
1.	M / F	_____	_____	<u>Y / N</u>	_____	<u>P / A</u>	Head
(A household member of No. 1 should be a household head even he/she is out of village.)							
2.	M / F	_____	_____	<u>Y / N</u>	_____	<u>P / A</u>	
3.	M / F	_____	_____	<u>Y / N</u>	_____	<u>P / A</u>	
4.	M / F	_____	_____	<u>Y / N</u>	_____	<u>P / A</u>	
5.	M / F	_____	_____	<u>Y / N</u>	_____	<u>P / A</u>	
6.	M / F	_____	_____	<u>Y / N</u>	_____	<u>P / A</u>	
7.	M / F	_____	_____	<u>Y / N</u>	_____	<u>P / A</u>	
8.	M / F	_____	_____	<u>Y / N</u>	_____	<u>P / A</u>	
9.	M / F	_____	_____	<u>Y / N</u>	_____	<u>P / A</u>	
10.	M / F	_____	_____	<u>Y / N</u>	_____	<u>P / A</u>	

Note: #1: Asking whether or not he/she engages in farming (including livestock raising, and fishing).

#2: "P" means he / she live in the house throughout the year.

"A" means he / she live in other places more than four months in a year.

Code for education:For Adult (over 18 years)

1. No formal education
2. Drop-out SD.
3. Graduate SD
4. Drop-out SMP
5. Graduate SMP
6. Drop-out SMA
7. Graduate SMA
8. More than SMA

For children (below 18 years)

9. Presently in school
10. No schooling

Code for occupation:

1. Farmer (owner/tenant)
2. Wage labor on farm
3. Wage labor other than farm
4. Salary worker
5. Private business
6. House activities (cooking, child care, etc.)
7. Student
8. No job
9. Child
(below school age)
10. Others

11. Before schooling age

I-4 Is the Household Head a member of Village Organization below? (Y / N) *(no input)*

- | | |
|--|---------------------|
| 1. Member of Kelompok Tani | Y / N <i>(FN10)</i> |
| 2. Member of Water Users Group | Y / N <i>(FN11)</i> |
| 3. Member of KUD | Y / N <i>(FN12)</i> |
| 4. Member of PKK | Y / N <i>(FN13)</i> |
| 5. Member of Religious Organization | Y / N <i>(FN14)</i> |
| 6. Member of Youth Organization | Y / N <i>(FN15)</i> |
| 7. Member of other users' group
(specify _____) | Y / N <i>(FN16)</i> |
| 8. Non-member | Y / N <i>(FN17)</i> |

I-5 Is the wife of Household Head a member of Village Organization below? (Y / N) *(no input)*

- | | |
|--|---------------------|
| 1. Member of Kelompok Tani | Y / N <i>(FN18)</i> |
| 2. Member of Water Users Group | Y / N <i>(FN19)</i> |
| 3. Member of KUD | Y / N <i>(FN20)</i> |
| 4. Member of PKK | Y / N <i>(FN21)</i> |
| 5. Member of Religious Organization | Y / N <i>(FN22)</i> |
| 6. Member of Youth Organization | Y / N <i>(FN23)</i> |
| 7. Member of other users' group
(specify _____) | Y / N <i>(FN24)</i> |
| 8. Non-member | Y / N <i>(FN25)</i> |

SECTION II LIVING CONDITION

II-1 Drinking Water

	<u>Main Source</u> (Choose one from Code)	<u>Distance (m)</u> (from house to water)	<u>Sufficiency</u> (see Code)
Dry Season	<u><i>(FN26)</i></u>	<u><i>(FN27)</i></u> meter	<u><i>(FN28)</i></u>
Wet Season	<u><i>(FN29)</i></u>	<u><i>(FN30)</i></u> meter	<u><i>(FN31)</i></u>

<u>Code for source :</u>	1. Piped gravity water	5. Well
	2. Springs (natural)	6. Purchased water
	3. River	7. Others
	4. Reservoir	

<u>Code for sufficiency :</u>	1. Sufficient	3. Short
	2. Just enough	4. Very short

II-2 Source of fuel for cooking

(Choose up to 2 major fuels in order 1 (most important) and 2 (secondly important))

	<u>Importance (put 1 and 2)</u>	<u>Availability</u> (Choose from Code)
1. Fuelwood	<u><i>(FN32)</i></u>	<u><i>(FN33)</i></u>
2. Kerosine	<u><i>(FN34)</i></u>	<u><i>(FN35)</i></u>
3. Charcoal	<u><i>(FN36)</i></u>	<u><i>(FN37)</i></u>
4. Gas cylinder	<u><i>(FN38)</i></u>	<u><i>(FN39)</i></u>
5. Others	<u><i>(FN40)</i></u>	<u><i>(FN41)</i></u>

Code for availability

1. Easy to obtain
2. Difficult to obtain
3. Very difficult to obtain

II-3 Food condition /availability of household (for your own products / harvest in normal year)

Condition

(see Code)

1. Cereals (paddy, maize, etc.) (FN42)
2. Roots and tuber crops (FN43)
3. Vegetables (including beans) (FN44)
4. Meat (FN45)
5. Fish (FN46)

Code for condition:

1. Own harvest / product exceeds the household demand.
2. Own harvest / product is just enough to meet the household demand.
3. Purchased (or exchanged) to meet the household demand.

II-4 Availability of facility in your house. (Y / N) *(no input)*

1. Radio Y / N (FN47)
2. TV Y / N (FN48)
3. Bicycle Y / N (FN49)
4. Motorcycle Y / N (FN50)
5. Car Y / N (FN51)
6. Audio Y / N (FN52)
7. Toilet Y / N (FN53)

SECTION III LAND HOLDING, TENURE AND CROPPING PATTERN

III-1 Land Holding Status (only for farm land)

	<u>Land Owned by this H'hold (*1)</u>	<u>Land Rented from Others (*2)</u>	<u>Land Leased to Others (*3)</u>	<u>Land Operated</u>
1. Irrigated Sawah	<u> (FN54) </u> bata	<u> (FN55) </u> bata	<u> (FN56) </u> bata	<u> (FN57) </u> bata
2. Rainfed Sawah	<u> (FN58) </u> bata	<u> (FN59) </u> bata	<u> (FN60) </u> bata	<u> (FN61) </u> bata
3. Upland for field crop	<u> (FN62) </u> bata	<u> (FN63) </u> bata	<u> (FN64) </u> bata	<u> (FN65) </u> bata
4. Upland for tree crop	<u> (FN66) </u> bata	<u> (FN67) </u> bata	<u> (FN68) </u> bata	<u> (FN69) </u> bata
5. Total	<u> (FN70) </u> bata	<u> (FN71) </u> bata	<u> (FN72) </u> bata	<u> (FN73) </u> bata

(Note: a/; 1 + 2 - 3 = land operated by this household)

(Note: b/; 1 ha = 700 bata or tunbak, 1 bata = 0.0014 ha)

(Note: c/; If this household categorized as complete landless labor farmer, all the answers must be "0 ha".)

III-2 Evaluation of Land Holding Status

(Enumerator should evaluate the land holding status of this Household based on the answers of III-1.)

1. This Household operates only "Owned Land". (Y / N) *(FN74)*
2. This Household operates both "Owned Land" and "Rented Land". (Y / N) *(FN75)*
3. This Household operates only "Rented Land". (Y / N) *(FN76)*
4. This Household does not operate any land. (Y / N) *(FN77)*

III-3 Conditions for Land Tenure (This question is to be made only for "Rented Land" operator.)

1. Land rental charge (How or how much do you pay to the owner?)

- 1) In Cash ; Y / N (FN78) , if yes; 1. Irrigated Sawah; Rp. (FN79) /100 bata /year
2. Rainfed Sawah; Rp. (FN80) /100 bata /year
3. Upland; Rp. (FN81) /100 bata /year

- 2) In Kind ; Y / N (FN82), if yes; 1. Irrigated Sawah; (FN83) % of harvest
 Production cost is paid by (FN84) (see Code)
 2. Rainfed Sawah; (FN85) % of harvest
 Production cost is paid by (FN86) (see Code)
 3. Upland; (FN87) % of harvest
 Production cost is paid by (FN88) (see Code)
- 3) Free of charge; Y / N (FN89)
 4) Others; Y / N (FN90), (Specify; _____)

- Code for Production Cost paid by: _____)
1. Owner
 2. Tenant
 3. Both Owner and Tenant

2. Who is a decision maker in crop selection in rented land? (choose one from the Code):

1. Irrigated Sawah (FN91)
2. Rainfed Sawah (FN92)
3. Upland (inc. land for tree crop) (FN93)

Code for answer

1. Land owner
2. Tenant
3. Both
4. Other (specify: _____)

III-4 Cropping Pattern in Your Land Operated
 (Choose major one pattern from the Code)

Land Operated

1. Irrigated Sawah (FN94)
2. Rainfed Sawah (FN95)

Code for cropping pattern:
 (for Sawah)

- | | |
|-------------------------------|----------------------|
| 1. Paddy-Palawija-Palawija | 5. Palawija-Palawija |
| 2. Paddy-Palawija | 6. Paddy-Paddy-Paddy |
| 3. Paddy | 7. Other |
| 4. Palawija-Palawija-Palawija | |

3. Upland for field crop (FN96)

Code for cropping pattern:
 (for Upland)

- | | |
|-------------------------------|-------------------|
| 1. Palawija-Palawija-Palawija | 5. Paddy-Palawija |
| 2. Palawija -Palawija | 6. Paddy |
| 3. Palawija | 7. Other |
| 4. Paddy-Palawija-Palawija | |

III-5 Cropping Intensity by Land and Crop Season

	<u>Wet Season</u> <u>Cropping</u>	<u>Dry Season I</u> <u>Cropping</u>	<u>Dry Season II</u> <u>Cropping</u>	<u>Total</u>
1. Irrigated Sawah	<u> (FN97) </u> %	<u> (FN98) </u> %	<u> (FN99) </u> %	<u> (FN100) </u> %
2. Rainfed Sawah	<u> (FN101) </u> %	<u> (FN102) </u> %	<u> (FN103) </u> %	<u> (FN104) </u> %
3. Upland for field crop	<u> (FN105) </u> %	<u> (FN106) </u> %	<u> (FN107) </u> %	<u> (FN108) </u> %

III-6 If you do not cultivate 100% in Wet Season, why? : (FN109) (Choose one from the Code)

If you do not cultivate 100% in Dry Season-I and/or -II why? : (FN110) (Choose one from the Code)

- Code for reason:
1. Labor shortage (busy in other work, owner became sick, etc.)
 2. Working capital shortage
 3. Water shortage
 4. Others (specify; _____)

SECTION IV INCOME AND EXPENDITURE

IV-1 Cash income sources of the household and their values
(cash income of all family members in last year)

	(Y / N)	(Amount)	
1. Selling paddy/rice	<u>Y / N (FN111)</u>	<u>(FN112)</u>	Rp/ Yr
2. Selling vegetables (including beans)	<u>Y / N (FN113)</u>	<u>(FN114)</u>	Rp/ Yr
3. Selling fruits	<u>Y / N (FN115)</u>	<u>(FN116)</u>	Rp/ Yr
4. Selling flowers	<u>Y / N (FN117)</u>	<u>(FN118)</u>	Rp/ Yr
5. Selling livestock/ poultry products	<u>Y / N (FN119)</u>	<u>(FN120)</u>	Rp/ Yr
6. Selling fishes	<u>Y / N (FN121)</u>	<u>(FN122)</u>	Rp/ Yr
7. Salary from permanent job	<u>Y / N (FN123)</u>	<u>(FN124)</u>	Rp/ Yr
8. Wage from temporary job(s) on farm	<u>Y / N (FN125)</u>	<u>(FN126)</u>	Rp/ Yr
9. Wage from temporary job(s) out of farm	<u>Y / N (FN127)</u>	<u>(FN128)</u>	Rp/ Yr
10. Private business (trading, shop, etc.)	<u>Y / N (FN129)</u>	<u>(FN130)</u>	Rp/ Yr
11. Remittance from family members	<u>Y / N (FN131)</u>	<u>(FN132)</u>	Rp/ Yr
12. Selling fuelwood	<u>Y / N (FN133)</u>	<u>(FN134)</u>	Rp/ Yr
13. Selling of handicraft/cottage industry products	<u>Y / N (FN135)</u>	<u>(FN136)</u>	Rp/ Yr
14. Selling forest vegetables/ crops	<u>Y / N (FN137)</u>	<u>(FN138)</u>	Rp/ Yr
15. Others	<u>Y / N (FN139)</u>	<u>(FN140)</u>	Rp/ Yr
(Specify: _____)			
16. Total		<u>(FN141)</u>	Rp/ Yr

IV-2 Crop Production Cost (Please estimate carefully based on the answers.)
(In case of landless labor farmers, this question is not necessary to ask.)

	Wet Season Cropping	Dry Season I Cropping	Dry Season II Cropping	Total
1. Paddy in sawah	Rp. <u>(FN142)</u>	Rp. <u>(FN143)</u>	Rp. <u>(FN144)</u>	Rp. <u>(FN145)</u>
2. Palawija in sawah	Rp. <u>(FN146)</u>	Rp. <u>(FN147)</u>	Rp. <u>(FN148)</u>	Rp. <u>(FN149)</u>
3. Palawija in upland	Rp. <u>(FN150)</u>	Rp. <u>(FN151)</u>	Rp. <u>(FN152)</u>	Rp. <u>(FN153)</u>
4. Paddy in upland	Rp. <u>(FN154)</u>	Rp. <u>(FN155)</u>	Rp. <u>(FN156)</u>	Rp. <u>(FN157)</u>
5. Annual crop in upland	Rp. <u>(FN158)</u>	Rp. <u>(FN159)</u>	Rp. <u>(FN160)</u>	Rp. <u>(FN161)</u>
6. Total	Rp. <u>(FN162)</u>	Rp. <u>(FN163)</u>	Rp. <u>(FN164)</u>	Rp. <u>(FN165)</u>

(Note: a/; Production cost includes fertilizer, labor, draft power, chemicals and seeds.)

(Note: b/; Inputs provided by the family (e.g. family labor, draft power, compost) are not necessary to include.)

IV-3 Expenditure for Consumption

(Ask about expenditure on monthly basis first. After that estimate annual income. Then, the total annual income should be compared with the total cash income above. If the annual expenditure is larger than the annual income, something is wrong in this questionnaire.)

1. Food	Rp. <u>(FN166)</u> /month,	Rp. <u>(FN167)</u> /Yr
2. Health	Rp. <u>(FN168)</u> /month,	Rp. <u>(FN169)</u> /Yr
3. Education	Rp. <u>(FN170)</u> /month,	Rp. <u>(FN171)</u> /Yr
4. Clothes	Rp. <u>(FN172)</u> /month,	Rp. <u>(FN173)</u> /Yr
5. Firewood/Kerosene/electricity	Rp. <u>(FN174)</u> /month,	Rp. <u>(FN175)</u> /Yr
6. Transportation	Rp. <u>(FN176)</u> /month,	Rp. <u>(FN177)</u> /Yr
7. PBB	Rp. <u>(FN178)</u> /month,	Rp. <u>(FN179)</u> /Yr
8. Others	Rp. <u>(FN180)</u> /month,	Rp. <u>(FN181)</u> /Yr
9. Total	Rp. <u>(FN182)</u> /month,	Rp. <u>(FN183)</u> /Yr

IV-4 Investment of Productive and Fixed Assets in the last two years

	(Amount)	(Source of Investment; Code)
1. Livestock	Rp. <u>(FN184)</u>	<u>(FN185)</u>
2. Farm machinery/ tools	Rp. <u>(FN186)</u>	<u>(FN187)</u>
3. Housing (building & maintenance)	Rp. <u>(FN188)</u>	<u>(FN189)</u>
4. Private business	Rp. <u>(FN190)</u>	<u>(FN191)</u>
5. Land	Rp. <u>(FN192)</u>	<u>(FN193)</u>
6. Transportation means	Rp. <u>(FN194)</u>	<u>(FN195)</u>
7. Others	Rp. <u>(FN196)</u>	<u>(FN197)</u>

Code for condition:

1. Own money.
2. Borrowed (from formal sources, e.g. bank).
3. Borrowed (from informal sources, e.g. friend, money lenders, etc.).
4. Others

SECTION V CONDITIONS OF FARM LABOR WORKS

V-1 Do you or your family member(s) have wage income from farm labor work? (Y / N) (FN198)
(Please cross-check with the answer in IV-1-8.)

V-2 If "Yes" in V-1, how much do you get?

		(Wage/day)	(Days Worked/Yr)
<u>(FN199)</u> 1) In cash; <u>Y/N</u> , if yes;	1. Work in irrigated sawah;	Rp. <u>(FN200)</u> /day	<u>(FN201)</u> days
	2. Work in rainfed sawah;	Rp. <u>(FN202)</u> /day	<u>(FN203)</u> days
	3. Work in upland;	Rp. <u>(FN204)</u> /day	<u>(FN205)</u> days
	4. Work in others;	Rp. <u>(FN206)</u> /day	<u>(FN207)</u> days
<u>(FN208)</u> 2) In kind; <u>Y/N</u> , if yes; (In kind should be converted to Rp.)	1. Work in irrigated sawah;	Rp. <u>(FN209)</u> /day	<u>(FN210)</u> days
	2. Work in rainfed sawah;	Rp. <u>(FN211)</u> /day	<u>(FN212)</u> days
	3. Work in upland;	Rp. <u>(FN213)</u> /day	<u>(FN214)</u> days
	4. Work in others;	Rp. <u>(FN215)</u> /day	<u>(FN216)</u> days
<u>(FN217)</u> 3) Others; <u>Y/N</u> , (Specify; _____)		Rp. <u>(FN218)</u> /day	<u>(FN219)</u> days

SECTION VI SAVINGSVI-1 Do you have savings of any type at present? (Y / N) (FN220)VI-2 If “Yes”, your savings are in terms of (FN221) (Choose the most important one from the Code)

- Code for type of savings:
1. money in Bank
 2. Land
 3. Livestock
 4. Just cash
 5. Others

VI-3 If “Yes”, what is your purpose of your saving? (FN222) (Choose one from the Code)

- Code for reason:
1. For safety
 2. Saving for future expenditure
 3. Saving for emergency needs

VI-4 If “No”, what is the reason you do not save? (FN223) (Choose one from the Code)

- Code for reason:
1. No idle money
 2. Credit is available anytime
 3. Others

SECTION VII LIVESTOCK

VII-1 Livestock and feed

	Numbers	Feed Sufficiency	
		Wet Season (select major one)	Dry Season (select major one)
1. Cows / oxen	<u>(FN224)</u>	<u>(FN225)</u>	<u>(FN226)</u>
2. Water Buffalo	<u>(FN227)</u>	<u>(FN228)</u>	<u>(FN229)</u>
3. Goat/sheep	<u>(FN230)</u>	<u>(FN231)</u>	<u>(FN232)</u>
4. Pig	<u>(FN233)</u>		
5. Chicken	<u>(FN234)</u>		
6. Duck	<u>(FN235)</u>		

Code for feed sufficiency:

1. Sufficient
2. Just enough
3. Short
4. Very short

SECTION VIII FROUTS TREES

VIII-1 Horticultural trees owned

	No. of trees		No. of trees
1. Orange trees	<u>(FN236)</u>	9. Jackfruits trees	<u>(FN237)</u>
2. Lime trees	<u>(FN238)</u>	10. Leichi trees	<u>(FN239)</u>
3. Lemon trees	<u>(FN240)</u>	11. Guava	<u>(FN241)</u>
4. Mango trees	<u>(FN242)</u>	12. Abocado	<u>(FN243)</u>
5. Papaya trees	<u>(FN244)</u>	13. Rambutan	<u>(FN245)</u>
6. Coconut trees	<u>(FN246)</u>	14. Tamarind	<u>(FN247)</u>
7. Banana trees	<u>(FN248)</u>	15. Others	<u>(FN249)</u>
8. Mangosteen	<u>(FN250)</u>		

(Thanking for your cooperation.)