11.2 Participatory Approach in the Pilot Project

### 11.2.1 Baseline Survey for the Pilot Projects December 2003

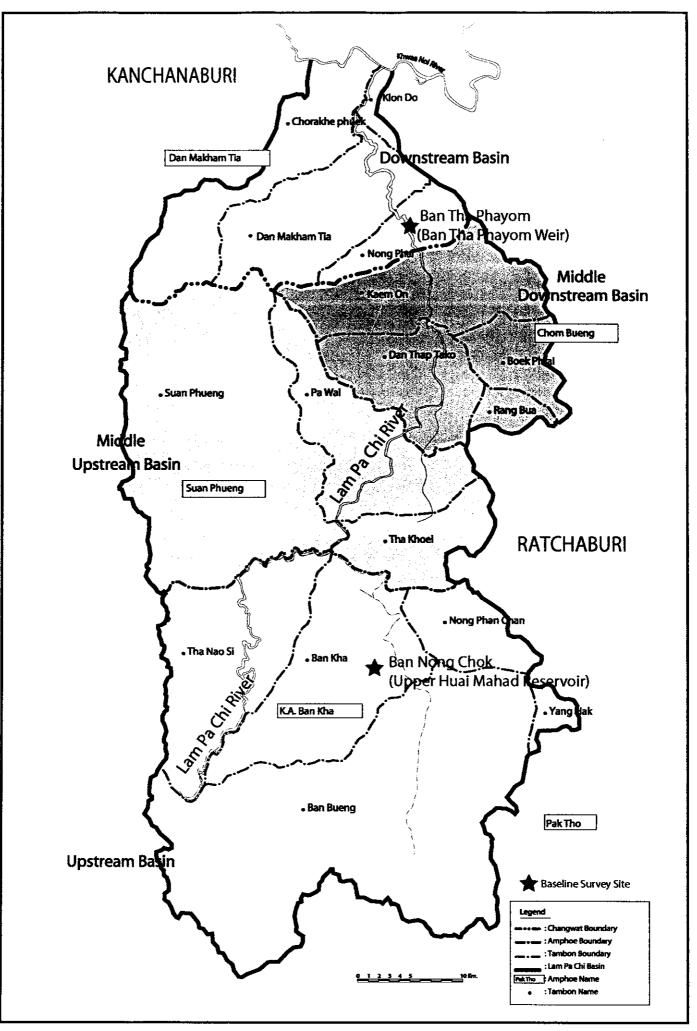
Japan International Cooperation Agency (JICA) Royal Irrigation Department (RID)

### Study on Application of Participatory Planning in Rural and Agriculture Development Project in the Lam Pa Chi River Basin

### **Baseline Survey** for the Pilot Projects

December 2003

Sanyu Consultants Inc.



Location of Baseline Survey Site for Pilot Projects

### **OBJECTIVES**

Objectives of the baseline survey for the pilot projects are determined into two overall purposes as followings.

- 1. To seize the basic condition in the Pilot Project area, on quantitative aspect, to gathering the course of the participatory surveys.
- 2. To know particular condition of the Pilot Project area aiming to clarify the result to illustrate the current condition (Pre-condition) as to be one of the key indexes, which would be compared after the Pilot Project completion (Post-condition).

### OUTCOMES OF THE BASELINE HOUSEHOLD SURVEYS

### 1. Survey Area

Field survey is carried on in two villages of two Tambons (Sub-Districts) of Ratchaburi and Kanchanaburi Provinces. Those areas are:

- Ban Nong Chok (village no.4), Tambon Nong Phan Chan, Ban Kha Minor District of Ratchaburi Province, and
- Ban Tha Phayom (village No.4), Tambon Nong Phai, Dan Ma Kham Tia District of Kanchanaburi Province.

### 2. Target Group and Number of Samples

Field survey activities are based on questionnaires as shown in Appendix A, covering two different target groups, comprising of direct beneficiary households of the pilot project and possible future beneficiary households (or nearby households) in the same village. The total number of sample is 80, more details are in Table 2-1 whereas the name list of respondents is given in Appendix B.

#### Table 2-1

Province	Village's Name	Village's Name Number of Samples			
		Dir <del>e</del> ct Beneficiaries	Nearby Households	Total	
Ratchaburi	Ban Nong Chok	24	26	50	
Kanchanaburi	Ban Tha Phayom	20	10	30	
7	Total	44	36	80	

Number of Samples Based on Each Selected Province

### 3. Survey Period

The survey was conducted during 17 - 25 November 2003.

### 4. Results of Field Survey

### 4.1 Ban Nong Chok

### (1) General Characteristic of respondents

Among 50 respondents, 68.00 percentage of them are married and the remaining are widow/divorce and single (18.00 and 14.00 percentage respectively). The sex ratio of the respondents 64.00 to 36.00 (female to male).

About 36.00 percent of the respondents are between 41-50 years old whereas approximately 24.00 and 20.00 percentage are between 51-60 and over 60 years old respectively; and the rest of them are under 40 years of age (20.00%). The average age of them is 48.78 years old. For educational acquirement, most of them (84.00%) attained primary school, follow by upper grade of secondary school (M4-M6) and bachelor degree. It should be noted that about 10.00% are illiterate. The main occupation

of the respondents is agriculturist (98.00%), an average of 1 person (2.00%) works an industrial wage labor (Please see Appendix C and Table 1).

### (2) Family Structure of Respondents

Majority of household size in Ban Nong Chok sample villages lie between 3-4 persons per household (HH.); the average household size of them is about 3.24 persons per HH. The family size has a little variation among each group, that is the household size falls on direct beneficiary group is 3.25 persons per HH. while the nearby household group household size is 3.23 persons per HH. Male members are equal the female members with the ratio of 1 : 1 (male : female). Majority of family members are between 41-60 years old (35.19%). For educational level of family member, more than half of the family members (59.26%) accomplished their primary school and about 21.60 percent of the family members are student holding. About two-third of the family members (66.05%) are agriculturist, followed by trader, Industrial wage labor, government officer and private employees 6.17%, 1.85%, 1.85% and 1.23 respectively (more details are shown in Appendix C and Table 2).

### (3) Family Assets

When being asked about kinds of family assets, results of the survey reveal

that

- Sedan car : Only one household (2.04%) has a car.
- Pickup truck : About 48.00% has a pickup truck.
- Motorcycle: Majority of them own motorcycles (82.00%), and 19.51 of this group have more than one.
- House : Most of them have their own house (94.00%), the rest live with their parents but in separated areas for plantation.
- Land holding : An average land is 32.44 rai per household with the multiple right owner. Majority of them (88.00%) have right owner with Por-Bor-Tor 5, the remains are Sor-Por-Kor 4-01 (45.00%), land rent (38.00%), free use 6.00%, and land leasing from other 4.00%.

For other family assets e.g. TV, electric fan, CD/stereo, refrigerator and agricultural machine and equipment, please see Appendix C and Table 3.

### (4) Land Holding

Land holding size of most households being interviewed is rather big area, which is accounted for an average land holding of 32.44 rai/HH. About 28.00% of total household is holding the size of 21-30 rai/HH. then followed between the size of 11-20 and up to 10 rai/HH (20.00 and 18.00 percentage respectively), When a consideration is made on land use characteristics, it is found that most of land use are for agriculture (27.61 rai/HH) then orderly followed by residential area, animal husbandry land, and lease out to the others with average sizes of 1.37, 1.20 and 0.67 rai/HH respectively.

Remarks : An average figure calculation is divided by the number of households of each group (as presented in Appendix C and Table 4).

### (5) Agricultural Data/Information

Regarding to the agricultural areas presented in the above article/item average 27.61 per/household, agriculturists cultivate rather diversified crops. The main/principal crops are sugarcane and pineapple whereas other plants, cultivated by a few numbers of farmer, include animal feeding, corn, vegetable plant (such as asparagus, galingale, lemon grass, cucumber, and pumpkin) and orchards/perennial (for examples, mango, Logan, olive/elaecapas and bamboo). Date of the main crop cultivation are summarized as follows:

Sugarcane: More than a half of the interviewees (64.00 percentage) who plant sugarcane hold an average cultivated area of 22.78 rai/household with an average productivity of 11.02 ton/rai/year. Based on the two interviewing groups, their household produces are not much different, that is, the average sugarcane productivity lies between 11.53-10.44 ton/rai. Most of the sugarcane plantation rely on the rain-fed (93.75 percentage). The most popular sugarcane varieties being planted are K-92 (78.13 percentage) then orderly followed by K-200, 377 and macos respectively.

Pineapple: Approximately 90.00 percentages of all households who cultivate pineapple, acquire an average cultivated area of 15.10 rai/household (Remarks : average area of household who have already harvested) with an average production of 4.12 ton/tai/year; and almost of their pineapple plantation rely on rain-fed (97.78 percentage). The most popular cultivated variety is Black eyes/Ta Dam variety (95.56 percentage) and the remains are Pattawia variety.

Overall agricultural activities of households, the interviewees would cultivated approximately 2-4 varieties per household whereas most of the agriculture are based on rain-fed (Appendix C and Table 5).

### (6) Serious Agricultural Problems Required Agricultural Extension

Serious agricultural problems being encountered by the interviewers based on this importance are prioritized only the first three priorities. The survey reveals that there is no much different the three top priority problems among the interviewees. The main problems found are insufficient water supply for agriculture, low price of agricultural products / low income and high price of agricultural inputs etc. Those occupies different proportions as follows:

•	The first / most serious problem	
	- Insufficient water for cultivation	40.50 %
	- Low price of production/low income	34.00 %
	- High price of inputs (e.g., seedling)	14.00 %
	- Lack of investment cost	4.00 %
•	The second serious problem	
	- High price of inputs (e.g., seedling)	36.00 %
	- Low price of production/low income	24.00 %
	- Insufficient water for cultivation	16.00 %
	<ul><li>Pest problem</li><li>Low yield problem</li></ul>	6.00 % 4.75 %
•	The third serious problem	
	- High price of inputs (e.g., seedling)	28.00 %
	- Low price of production/low income	20.00 %

- Insufficient water for culti	vation 16.00 %	
- Lack of agricultural extens	sion 6.00 %	
- Pest problem	4.00 %	

However, when being asked about agricultural extension needs it reveals that there are diversity needs. The first three priorities have rather high proportion as follows:

• The first priority need

		Crean	
	-	Crop zoning	22.00 %
	-	Provide seedling to the farmer	16.00%
	-	Recommendation on cattle feeding animal	
		husbandry/fish culture	14.00 %
	-	Provide recommendation mushroom growing	12.00 %
	-	Breed stock lending	8.00 %
•	Th	e second priority need	
	-	Provide recommendation for animal husbandry /	
		fish culture	32.00 %
	-	To sell agriculture inputs with low price to the farmer	12.00 %
	-	Market system improvement (product / price guarantee / establishment of agricultural	
		group for raise bargaining power)	8.00 %
	-	Support the village fund	8.00 %
	-	Orchard and vegetable planting promotion / extension	8.00 %
٠	The	e third priority need	
	-	Market system improvement (product /	
		price guarantee / establishment of agricultural	
		group for raise bargaining power)	14.00 %
	-	To sell agriculture inputs with low price to the farmer	10.00 %
	-	Recommendations for cattle / animal husbandry /	
		fish culture	8.00 %
	-	Support the village fund	8.00 %
	-	To solve problem on insufficient water/ to increase	
		water sources/ irrigation system/ canal dredging	8.00 %
For	more	e details please see Appendix C and Table 6.	
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### (7) Diversified Crop Incase of Increasing More water Supply

### for Cultivation

In response to the question, incase of agriculturists being supplied with much more agricultural water, whether they would cultivated other diversified crops and

how many cultivated areas (in rais) have to be transformed or diversified. Based on the field survey, most of the respondents (60.00 percentage) excepted to transform diversify some parts of their agricultural areas to plant other crops/plants while the remains (40.00 percentage) still insisted to cultivate the current plant varieties. All of the agricultural areas being expected to be transformed/diversified to other varieties would be 9.54 rais/household by average. Details of the transformed areas classified by diversified crops are presented in Appendix C and Table 7.

### (8) Income and Expenditure of Household

In consideration on households/incomes include income from agricultural sector, business/trading related to agricultural sector (such as ploughing labour/land preparation for cultivation, middle man and lending land for agriculture etc.), and income from non-agricultural sector (such as general wage, industrial wage, trading, civil officials and others). It was found that an average household's income was approximately 323,560.20 Baht/year. Most of the households (32.00 percentage) have their incomes between 100,001-200,000 Baht/year then orderly followed between 200,001-300,000 less than 100,000 and more than 500,000 Baht/year (22.00, 16.00 and 16.00 percentages, respectively) as given in Appendix C and Table 8.

For households' expenditures, the household interviewees/respondents revealed an average expenditure of approximately 202,253.64 Baht which are classified into expenditure for agricultural sector about 113,691.22 Baht/year; other expenditure related with agricultural activity about 3,025.40 Baht/year; and non-agricultural sector (including routine spending money or expenditure for oneself and family such as food, cloth and travelling costs as well as education cost for their children and health care cost, etc.) of approximately 85,536.90 Baht/year.

Regarding to households' debt, it was found that almost of the households (100.00 percentage) have an average debt of 76,850.00 Baht/household. Most of them (68.00 percentage) carried their debts less than 100,000 Baht/household.

On part of household saving, it was found that households of 68.00 percentage have an average household saving 20681.06 Baht/household/year as details given in Appendix C and table 9.

### (9) Provision/Buying of Production Inputs for Household

(a) Breeding Stock/Seeding - All households buy production inputs themselves (not through grouping), whose provisions for main important plant/crop varieties are as follows:

**Sugarcane:** Most of them (75.00 percentage) by from their neigbours, the second and third sources are middleman and quota head (18.75 and 6.25 percentages, respectively). For sugarcane stock, there are two ways/approaches including buying as trunk stocks and as wholesale of 1 rai (then making breeding stocks) with an average of 0.60 Baht/1 single stock and 8,564.52 Baht/rai respectively. For the wholesale of 1 rai, agriculturists could plant within an approximately 5-8 rais depending on density/fertility of the buying plots.

**Pineapple** - This kind of orchards has a similar buying sugarcane stock this is as both spout stocks and wholesale of 1 rai. Half of them would be broughted from their neighbors (50.00 percentage), then free of charge from neighbours and the middleman (with and average of 0.72 Baht/1 stock and 3525.00 Baht/rai. (Appendix C Table 9)

For other plant varieties which have to deepen on breeding stock such as cucumber, maize and white lettuce mostly being bought from general groceries/stores.

(b) Fertilizer - All of the households would manage to by themselves (not through grouping) where most of them (94.00 percentage) are bought from a quotahead, the remaining from a middleman.

(c) Pesticide/Herbicide - All households would make their own provision (not through grouping) where most of them would buy from any groceries/stores.

(d) For lending agricultural machinery : such as plough tractor, approximately 86.00 percentage of the respondents/ interviewees would lend from their neighbours and orderly followed by a quotahead and middleman (6.00 and 4.00 percentages, respectively) with the average lending prices of 585.96 Baht/rai.

Details of what have been described are given in Appendix C and Table 10.

### (e) Agricultural Productivity Management

After agricultural productivity harvestment, most of the responding households/interviewees (84.00 percentage) release/distribute/sell their agricultural production to a middleman. The orderly followed sources of distribution are industrial plants/factory, markets, traders and quotahead (44.00, 24.00, 6.00 and 4.00 percentages, respectively). Each respondent/interviewee has several sources of agricultural distribution as presented in appendix c and tables 11, 12.

### 4.2 Ban Tha Phayom

### (1) General Characteristic of respondents

Among 30 respondents, 83.33 percentage of them are married and the remaining are widow/divorce and single (13.33 and 3.33 percentage respectively). The sex ratio of the respondents is 36.67 to 63.33 (female to male).

Most of the respondents are between 41-50 and 51-60 years old (30.00% for each group interval) whereas approximately 26.67 and 10.00 percentage are between 31-40 and over 60 years old respectively; and the rest of them are under 30 years of age (3.33%). The average age of them is 46.77 years old. For educational acquirement, most of them (80.00%) attained primary school; follow by primary school and upper grade of secondary school, and there is about 13.33% are illiterate. All of the respondents (100.00%) are agriculturist (Please see Appendix C and Table 1).

### (2) Family Structure of Respondents

Majority of household size in the sample villages is similar to Ban Nong Chok, that is family size is between 3-4 persons per household (HH.); the average household size of them is about 3.93 persons per HH. The family size has a variation among each group, that is the direct beneficiary group is 4.10 persons per HH. while the nearby household group is 3.60 persons per HH. Male members are more than the female members with the ratio of 1 : 0.97 (male : female). Majority of family members are between 21-40 years old (29.77%). For educational level of family member, more than half of the family members (54.20%) accomplished their primary school and about 25.45 percent of the family members are student holding. Half of the family members (57.76%) are agriculturist, followed by trader, Industrial wage labor and general wage labor 26.21%, 1.78% and 1.78% respectively (more details are shown in Appendix C and Table 2).

### (3) Family Assets

When being asked about kinds of family assets, results of the survey reveal

that

- Sedan car : No household has a car.
- Pickup truck : About 70.00% has a pickup truck.
- Motorcycle: Majority of them own motorcycles (93.33%), and 31.43 of this group have more than one.
- House : All of them have their own house (100.00%).
- Land holding : An average land is 19.39 rai per household that is smaller than the respondents at Ban Nong Chok (approximately 32.44 rai/HH.). As for land right owner, total of them (100.00%) have right owner with title deed, the remains are land rent (33.33%), Sor-Por-Kor 4-01 (10.00%) and free use 10.00%.

For other family assets e.g. TV, electric fan, CD/stereo, refrigerator and agricultural machine and equipment, please see Appendix C and Table 3.

### (4) Land Holding

Land holding size of most households being interviewed is lower or equal to 10 rai/HH (46.67%) then followed between the size of 11-20 and 21-30 rai/HH (26.67 and 10.00 percentage respectively), which is accounted for an average land holding of 13.39 rai/HH. The maximum / biggest land holding size falls on the direct beneficiary group (22.77 rai/HH) and the minimum / smallest size belongs to the nearby household group (12.64 rai/HH). When consideration on land use characteristics, it is found that most of land use are for agriculture (12.87 rai/HH) then orderly followed by planted area in other village, lease out to the other and animal husbandry land with average sizes of 5.00, 1.33 and 1.27 rai/HH respectively.

Remarks : An average figure calculation is divided by the total number of households of each group (as presented in Appendix C and Table 4).

### (5) Agricultural Data/Information

Agriculturists cultivate in Ban Tha Phayom is rather diversified crops. The main/principal crops are sugarcane, sweet corn, baby corn and vegetable (such as asparagus, eggplant, long bean, and chili). Date of the main crop cultivation are summarized as follows:

Sugarcane: About 38.46 percentage of the interviewees who plant sugarcane hold an average cultivated area of 19.00 rai/household with an average productivity of 11.25 ton/rai/year. Based on the two interviewing groups, their household produces are not much different, that is, the average sugarcane productivity lies between 10.81-13.00 ton/rai. Most of the sugarcane plantation rely on the rain-fed (40.00 percentage) and the remains depend on irrigation water supply by pumping water from each household's underground well. The most popular sugarcane water supply by pumping water from each household's underground well. The most popular sugarcane varieties being planted are K-200 (46.67 percentage) then orderly followed by K-92, and 377, respectively. Sweet corn: Approximately 43.33 percentage of the cultivated sweet corn, occupy an average planting area of 3.90 rai/household with an average productivity of 4.57 ton/rai/year. Most of the cultivation depend on irrigation water supply (84.62 percentage). The most popular sweet corn variety being planted is Hybrix-10 (76.92 percentage).

Baby corn : Approximately 60.00 percentage of the cultivated sweet corn, occupy an average planting field of 4.96 rai/household with an average productivity of 4.89 ton/tai/year. Most of the cultivation rely on irrigation system (83.33 percentage). The most cultivation rely on irrigation system (82.83 percentage). The most planted sweet corn varieties are G-5414, SG-48 and G-17 (33.33, 22.22 and 16.67 percentage, respectively).

Eggplant: approximately 20.00 percentage of this vegetable plant, acquire an average planting area of 1.71 rai/household with an average produce of 6.00 ton/rai/year. The cultivation depends entirely on irrigation system (100 percentage). The cultivated eggplant variety is water dropping/Nam Yod (100 percentage).

As for other crops, please see more details in Appendix C and Table 5.

### (6) Serious Agricultural Problems Required Agricultural Extension

The main problems of the respondents of Ban Tha Phayom are not much variation from the results at Ban Nong Chok. Those occupies different proportions as follows:

The first / most serious problem

	111	e mst / most serious problem	
	-	Low price of production/low income	36.67 %
	-	Flood problem	26.67 %
	-	Problem on pH value of soil/ poor soil quality	16.67 %
	-	Insufficient water for cultivation	6.67 %
	-	High price of inputs (e.g., seedling)	6.67 %
•	Th	e second serious problem	
	-	High price of inputs (e.g., seedling)	30.00 %
	-	Unclean water contaminated with iron/ poor water quality	23.33 %
	-	Low price of production/low income	20.00 %
	-	Pest problem	13.33 %
	-	Flood problem	6.67 %
	Th	e third serious problem	
	-	Low price of production/low income	26.67 %
	-	Insufficient water for cultivation	20.00 %
	-	High price of inputs (e.g., seedling)	20.00 %
	-	Problem on pH value of soil/ poor soil quality	16.67 %

However, when being asked about agricultural extension needs it reveals that there are diversity needs. The first three priorities have rather high proportion as follows:

•	Tł	ne first priority need	
	-	Advise pest control on bio-technology	20.00 %
	-	Recommendation on cattle feeding /fish culture	20.00 %
	-	Breed stock lending	13.33 %
	-	Provide seedling to the farmer	10.00 %
	-	Sell inputs with low price to the farmer	6.67 %
	-	Solve problem on water contaminated with ion	6.67 %
	-	Extension for mushroom growing	6.67 %
•	Th	e second priority need	
	-	Provide recommendation on cattle feeding/	
		fish culture	16.67 %
	-	Suggestion on soil improvement	16.67 %
	-	Market system improvement (product /	
		price guarantee / establishment of agricultural	
		group for raise bargaining power)	13.33 %
	-	Advise on crop processing	10.00 %
	-	Distribute low price inputs for agriculturists	6.67 %
	Th	e third priority need	
	-	Suggestion on soil improvement	10.00 %
	-	Market system improvement (product /	
		price guarantee / establishment of agricultural	
		group for raise bargaining power)	6.67 %
	-	Distribute low price inputs for agriculturists	6.67 %
	•	Advise on crop production processing	6.67 %
	-	To give knowledge on pest control	6.67%

For more details please see Appendix C and Table 6.

### (7) Diversified Crop Incase of Increasing More Water Supply

### for Cultivation

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Incase of agriculturists being supplied with much more agricultural water, whether they would cultivated other diversified crops and how many cultivated areas (in rais) have to be transformed or diversified. The results found that most of the respondents (60.00 percentage) excepted to transform diversify some parts of their agricultural areas to plant other crops/plants while the remains (40.00 percentage) still insisted to cultivate the current plant varieties. All of the agricultural areas being expected to be

transformed/diversified to other varieties would be 5.87 rais/household by average. Details of the transformed areas classified by diversified crops are presented in Appendix C and Table 7.

### (8) Income and Expenditure of Household

In consideration on households/incomes include income from agricultural sector, business/trading related to agricultural sector (such as ploughing labour/land preparation for cultivation, middle man and lending land for agriculture etc.), and income from non-agricultural sector (such as general wage, industrial wage, trading, civil officials and others). It was found that an average household's income was approximately 321,905.85 Baht/year. Most of the households (23.33 percentage) have their incomes between 100,001-200,000 Baht/year then orderly followed between 200,001-300,000 less than 100,000 and 300,001 - 400,000 Baht/year (20.00, 16.67 and 16.67 percentages, respectively) as given in Appendix C and Table 8.

For households' expenditures, the household interviewees/respondents revealed an average expenditure of approximately 251,650.36 Baht which are classified into expenditure for agricultural sector about 96,702.03 Baht/year; other expenditure related with agricultural activity about 52,065.00 Baht/year; and non-agricultural sector (including routine spending money or expenditure for oneself and family such as food, cloth and travelling costs as well as education cost for their children and health care cost, etc.) of approximately 102,893.33 Baht/year.

Regarding to households' debt, it was found that almost of the households (996.67 percentage) have an average debt of 102,133.33 Baht/household. Most of them (70.00 percentage) carried their debts less than 100,000 Baht/household.

On part of household saving, it was found that households of 60.00 percentage have an average household saving 13,822.22 Baht/household/year. The most maximum saving group is the direct beneficiary group (average 15,953.33 Baht/year) and the minimum saving group is the nearby household (average 3,166.67 Baht/year) as details given in Appendix C and table 9.

### (9) Provision/Buying of Production Inputs for Household

(a) Breeding Stock/Seeding - All households buy production inputs themselves (not through grouping), whose provisions for main important plant/crop varieties are as follows:

Sugarcane: Most of them (80.00 percentage) buy from their neighburs and the rest buy from middleman with an average of 7,880.00 Baht/rai.

For other plant varieties such as sweet corn, baby corn, long bean eggplant, and lettuce mostly being bought from general groceries/stores. (Appendix C Table 10)

(b) Fertilizer - All of the households would manage to by themselves (not through grouping) where most of them (53.33 percentage) are bought from a grocery or store then followed by a quotahead and a middleman.

(c) Pesticide/Herbicide - All households would make their own provision (not through grouping), where most of them would buy from any groceries/stores.

(d) For lending agricultural machinery : such as plough tractor and sugarcane - Cutting tractor, approximately 66.67 percentage of the respondents/ interviewees would lend from their neighbours with the average lending prices of 438.75 Baht/rai and 20 Baht/ton (about 300 Baht/rai) for plough tractor and cutting tractor, respectively.

Details of what have been described are given in Appendix C and Table 10.

### (e) Agricultural Productivity Management

After agricultural productivity harvestment, most of the responding households/interviewees release/distribute/sell their agricultural production to a middleman. The orderly followed sources of distribution are quotahead, general trader, and factory. Each respondent/interviewee has several sources of agricultural distribution as presented in appendix C and tables 11, 13.

# **APPENDIX A**

### QUESTIONNAIRE

### Questionnaire for Baseline Survey for the Pilot Project <household>

No.

Date of Survey: / /2003, Time: from : to : .

Name of Surveyor:

Name of Muban:

### 1. Personal Data:

1.1 Name:					1.2 Marital status: Mari	ried / Single / Widow
1.3 Age: 1.4 Sex: M/F 1.5			1.5 O	cupation		
1.6 Highest de	1.6 Highest degree:					
1. Illiterate, 2. Pre-primary, 3. Primary, 4. Lower Secondary,						
5. Secondary,	6. Hig	gher Secon	ndary, 7. Diplo	oma,	8. Others ( )	

\* "Illiterate" means those who cannot read and write.

### 2. Family Members

2.1 Please list up all the family members staying with you at the same house.

Stor.	. Vefeffaluisi v	SPE Melwr	AN ES	- <u>-</u>	Mighes dayio o radon can daor silus	េរប្បារដ្ឋអង្ស័រីលេខាំ	frantai me kanii consolai
1							
2							
3							
4							
5							
6							
7							

2.2 How many family members work away from home? ( persons)

### 3. Family Assets

3.1 What kinds of assets do you and your family members have?

NO	temis	Spinit -?
1	Vehicle	No
2	House	rai
3	Land (total) <ul> <li>Title deed/NS4</li> <li>NS3</li> <li>SOR-POR-KOR 401</li> <li>Other</li> </ul>	rai
4	Color TV	no
5	(Others, specify)	
6	Water Sources (Pond, Deep well, Shallow well)	No.
7		

### 4. Land Use

4.1 How are your lands currently used (2003)?

Nő	Land ISS	Ratio
1	House	
2	Cropping	
3		
4		·····
5	Lease out to others	
	Total	

### 5. Agriculture 5.1 What kind of crops do you cultivate now?

Whiter Catific	Pancelanes (en)	awarage main main men men	kami-taircte) or migaronechi	મ્ટ્રાન્ટ(નેશફ્ડ
Sugarcane			R/I	
Pineapple			R/I	
Maize			R/I	
Cassava			R/I	
Paddy			R/I	
Vegetables (list up names)			R/I	
			R/I	
Total				

### 5.2 If your lands can receive more water, what crops and how many rais do you want to diversify?

Chierenticolops	Aron the you year to diversity that	Cions diate constant to physical state	Variation
Sugarcane		en e	n far gefyngun yw centr Maran (1996) y sefynn arfel de yn an Daniel y Danier an angen a'r y Maryfern ar Media
Pineapple			
Maize			
Cassava			
Paddy			
Vegetables		• • • • • • • • • • • • •	
Ornamentals			
Total			1

5.3 What are the most serious problems on agriculture? Please list up three major problems.	
1.	· ·
2.	
3	

5.4 If you can receive extension services, what do you want? Please list up (three at maximum). 1.

- 2.
- 3.

### 6. Agricultural Incomes and Expenditures

6.1 Total Agricultural Incomes (you and your family members living with you)

Somes of meanice	Augura incomé (Estin)	Voluntes Sold
a. Selling crops (list up crop names)		Total volume (tons) sold?
0		
0		
b. Selling livestock (list up livestock types)		Total nos. sold?
<u>e</u>		
C		
c. Selling fish		kg
d. Selling forestry products (mushroom, wood, etc.)		kg
e. Earning as farm labor		Total days worked?
f. Agriculture-related business (what business?)		
g. Loan (list up loan sources)		Interest rates?
2		
Total		

6.2 How much are average of-farm incomes of you and your family members?

	Somers of Incomes	al strikter.	ictorentife (Brink)
· · · · · · · · · · · · · · · · · · ·		 <u> </u>	· · · · · · · · · · · · · · · · · · ·

### 6.3 Total Agricultural Expenditures (you and your family members living with you)

		Syptematical Electrone Car (Ca	iger L voie, askitting		
mens of tradeomory	Singerents		Cassing		Remainss
a. Crop production			,		
□ Seeds, seedlings					
Fertilizers					Total weight (kg)
Pesticides					Total weight (kg)
G Herbicides					Total weight (kg)
Machine rental fees				·	What machines?
☐ Machine repairing cost			· · · · · · · · · · · · · · · · · · ·		
□ Fuel costs					
Hiring labor					How many a year?
☐ Transportation to markets					
Irrigation water fees					
Total					
b. Loan Repayment (list up loan so	urces)	1	1	4	1
<u> </u>					
0	•••••••••••••••••••••••••••••••••••••••				
G					
c. Other agricultural activities – agr	i-business, livest	ock, etc. (list up	all activities)	1	1
3					
0					
				•	
· · ·					
Total					

6.4 How much are average total expenditures of you and your family members including agriculture and others?

Baht/year

2004/06/11 Household level baseline survey

<ul><li>6.5 Family Labor Estimate:</li><li>6.5.1 How many days a year you and your family work in </li></ul>	your farm?			Total man days
6.6 How much remaining dept do you have now?				Baht/year
<ul><li>6.7 Information on Savings</li><li>6.7.1 Do you have saving?</li></ul>	(	Yes / No	)	
6.7.2 How much can you save annually?				Baht/year

7. Marketing 7.1 How do you get agricultural inputs?

			n Conta Statisticati	u gester de la gran de la ligna de la 1995. 1993 : la companya de la companya d	Romaka
	રાળે છે માંસેડ	AND ISTORED ISTORE	Shirings.	OMDERS, ANDORY	
□Seedlings (sugarcane)	(1/G)	(I/G)	(I/G)	(I/G)	
□Seedlings (pineapple)	(I/G)	(I/G)	(I/G)	(I/G)	
□Seed (maize)	(1/G)	(I/G)	(I/G)	(I/G)	
□Seedlings (cassava)	(I/G)	(I/G)	(I/G)	(I/G)	
Seedlings (vegetables)	(I/G)	(I/G)	(I/G)	(I/G)	
Seedlings (ornamentals)	(I/G)	(l/G)	(I/G)	(I/G)	
□Fertilizers	(I/G)	(I/G)	(I/G)	(I/G)	
	(I/G)	(I/G)	(I/G)	(I/G)	
□Herbicides	(I/G)	(I/G)	(I/G)	(I/G)	
□Machine rental	(I/G)	(I/G)	(I/G)	(I/G)	
Others (specify)	(I/G)	(I/G)	(I/G)	(I/G)	•••••••••••••••••••••••••••••••••••••••

\* (I/G): Individually or by Group?

### 7.2 How do you use major crops?

lein. Leine	ក់(ទ)លុះ ទៅមានមកស្រីមស្រីទី(ទ)តី	રેપન ગુણે રોડ્ય		të (e) î v	Viii	Səl Məmən	ian Si	aikok	siiis	··· > >0-916
	( Valiane (cont)	્યનચલક્ર	i voltime tom	Pro:-	volution. Form	(Prin-	Volims (cin	Prilger Baherlont	. Toitung. Activit	(Trice)
Sugarcane				I/G	hartstan St. or Latan C	I/G		I/G	8	I/G
Pineapple				I/G		I/G		I/G		I/G
Maize				I/G		I/G		I/G	<u>-</u>	I/G
Cassava				I/G		I/G		I/G		1/G
Vegetable (list up)		a		1/G		I/G		1/G		I/G
Ornamentals				I/G		I/G		I/G		I/G
	· · · · · · · · · · · · · · · · · · ·			I/G		I/G		I/G	<u> </u>	I/G

Thank you very much for your cooperation.

### NAME LIST OF THE RESPONDENTS

### NAMELIST OF DIRECT BENEFICIARY HOUSEHOLD AT BAN NONG CHOK, RATCHABURI PROVINCE

- 1. Mr. Chuen Waree Udom
- 2. Mr. Thaongyod Srirakham
- 3. Mrs. Khem Prasart
- 4. Ms. Malaithip Shinwongkhet
- 5. Mr. Sophon Shinwongkhet
- 6. Mr. Ma Boon Khliang
- 7. Mr. Souy / Mrs. Wassana Buthnampeth
- 8. Mr. Sai Thongsri
- 9. Mrs. Amphan Wichianrat
- 10. Mr. Samrouy Boonkert
- 11. Mrs. Chamnian Saikaew
- 12. Mrs. Boonmee Saikaew
- 13. Ms. Boontham Boonkriang
- 14. Mrs. Wirat / Mrs. Juan Boonkriang
- 15. Mr. Boonchoo / Mr. La Saikaew
- 16. Mr. Lert Khrutnoi
- 17. Mr. Win Watpoung
- 18. Mrs. Chinda Roumsap
- 19. Mrs. Sunan Phetnoi
- 20. Ms. Sunee Phetnoi
- 21. Mrs. Thongyhu / Mr. Lob Jai-Sue
- 22. Mr. Aim Thong montho
- 23. Ms. Supab Chinwongket
- 24. Mrs. Wipawan Poungkert

### NAMELIST OF POSSIBLE FUTURE BENEFICIARY HOUSEHOLD (NEARBY HOUSEHOLD) AT BAN NONG CHOK, RATCHABURI PROVINCE

- 1. Mr. Pean Chitsakul
- 2. Mr. Song Intarachit
- 3. Mr. Win Mornthong
- 4. Mrs. Nuan Phimpha
- 5. Mrs. Prung Waree-Udom
- 6. Mr. Kosol Nak-Nakha
- 7. Mr. Boon Suan-Pleang
- 8. Mrs. Soy Chumkhrue
- 9. Mrs. Pin Noi-In
- 10. Mrs. Samniang Chim-On
- 11. Mr. Prasert Jai-Sue
- 12. Mr. Sa-Nga Chinwongkhet
- 13. Mrs. Khannak Plynai
- 14. Mrs. Mak-Dip Songthongkhang
- 15. Mr. Prakob Pimpa
- 16. Mr. A-Nek Srinual
- 17. Mrs. Saipin Chitnarong
- 18. Mr. Prasith To-Noi
- 19. Mrs. Kaew Mingphotia
- 20. Mr. Sawaeng Boonkliang
- 21. Mrs. Champa Krinichit
- 22. Mrs. Wannee Boonkliang
- 23. Mrs. Saengdurn Pungtaeng
- 24. Mrs. Tong Thong-On
- 25. Mrs. Somporn Boonkliang
- 26. Mrs. Siri Cherdop Kaew

### NAMELIST OF DIRECT BENEFICIARY HOUSEHOLD AT BAN THA PHAYOM, KANCHANABURI PROVINCE

- 1. Mr. Suthat Nuchnum
- 2. Mr. Nhoo A-nansuk
- 3. Mrs. Khamchad Phooban
- 4. Mr. Vichain Moorasri
- 5. Mrs. Chawee Rasri
- 6. Mr. Somwhang In-O-Soth
- 7. Mr. Somyod lam-sang
- 8. Mr. Prasith Wisatesirikul
- 9. Mr. Na-ru-cha Saengsai
- 10. Mr. Precha Saengsai
- 11. Mr. Kitti Thaweemak
- 12. Mr. Somwhang Horm Pong
- 13. Mr. Samath Thammachong
- 14. Mrs. Sukhanda Taeng-On
- 15. Mr. Sook Buth-dee
- 16. Mrs. Khrue In-Kra-Sem
- 17. Mrs. Whan-Phen Hok-On
- 18. Mr. Roum Kaew-Noi
- 19. Mrs. Suphin Kaew-Noi
- 20. Mr. Phayong In-O-Soth

### APPENDIX B4 NAMELIST OF FUTURE BENEFICIARY HOUSEHOLD (NEARBY HOUSEHOLD) AT BAN THA PHAYOM , KANCHANABURI PROVINCE

- 1. Mrs. Choosri In-O-Soth
- 2. Mr. Niwat In-O-Soth
- 3. Mrs. Sanran In-O-Soth
- 4. Mrs. Bang-On Sawaddee
- 5. Mrs. Pranorm Khunsombat
- 6. Mrs. Pan In-O-Soth
- 7. Mr. Whan Thongchab
- 8. Mr. Somchai Sooksawad
- 9. Mr. Suchat Chabsri
- 10. Mr. Prasert Charoensook

## **APPENDIX C**

### **RESULT OF BASELINE SURVEY**

TABLE 1

RESPONDENTS
9F
DATA
PERSONAL

			a Bhand	្រុសស្						Hoving				
		antina.		Gilori, io Cinerte Cinerte				C. In C.	av kan ang				F.	
	Month St	1.5×5.5	Numan.		NUMBER OF		Wither				Number Number		Number	
Number of Respondents	24	100.00	26	100.00	50	100.00	20	100.00	10	100.00	8	100.00	8	100.00
1. Marital Status	:													
Married	13	54.17	21	80.77	34	68.00	17	85.00	80	80.00	25	83.33	23	73.75
<ul> <li>Single</li> </ul>	9	25.00		3.85	2	14.00		5.00	'	,	1	3.33	80	10.00
<ul> <li>Widow / Divorced</li> </ul>	5	20.83	4	15.38	5	18.00	2	10.00	5	20.00	4	13.33	13	16.25
2. Age (year)														
<ul> <li>Lower than 20</li> </ul>	-	4.17	'	ı		2.00	,	,	ı	I	t	,		1.25
<ul> <li>20 - 30</li> </ul>	3	12.50	2	7.69	Ð	10.00	-	5.00	'	٤		3.33	9	7.50
<ul> <li>31 - 40</li> </ul>	2	8.33	2	7.69	4	8.00	4	20.00	4	40.00	80	26.67	12	15.00
<b>4</b> 1 - 50	6	37.50	6	34.62	18	36.00	9	30.00	ю	30.00	<b>5</b>	30.00	27	33.75
<ul> <li>51 - 60</li> </ul>	ស	20.83	7	26.92	12	24.00	89	40.00	1	10.00	თ	30.00	21	26.25
<ul> <li>Over 60</li> </ul>	4	16.67	G	23.08	10	20.00	-	5.00	2	20.00	ю	10.00	13	16.25
Average Age (year)	47.	47.04	20.	50.38 J	48	48.78 .1	46	46.80	46	46.70 I	46.	46.77 I	48	48.02 
3. Sex														
<ul> <li>Male</li> </ul>	æ	33.33	10	38.46	18	36.00	14	70.00	Ð	50.00	19	63.33	37	46.25
<ul> <li>Female</li> </ul>	16	66.67	16	61.54	32	64.00	9	30.00	5	50.00	11	36.67	43	53.75
<ul> <li>4. Household status</li> <li>e. Head of Household</li> <li>b. Spotuse</li> <li>f. 14</li> <li>a. Son/däughter</li> <li>3:</li> </ul>	3	(88.33 29117 12.50	, 15 , 10 , 1	ີ <b>5</b> 7 ເອີ ໂດຊີ 46 385	20) 24 21 25 11 2		18	90.00 10.00 0.00		80.00 20 00 0.00	201- 201- 201-		55 21 4	68.75 26.25 5.00

(Cont a)
I ABLE I

	A Contract of the second secon	ty and							And a second sec	Thriven Thrites Thrites Thread		R .	ê en	
	Number	2. S.	Winkset		Numbar		Number				Number	*	Number	
Number of Respondents	24	100.00	26	100.00	20	100.00	20	100.00	10	100.00	30	100.00	80	100.00
5. Occupation														
<ul> <li>Farmer</li> </ul>	23	95.83	26	100.00	49	98.00	20	100.00	10	100.00	30	100.00	6/	98.75
<ul> <li>Industrial Wage Labour</li> </ul>	1	4.17	1		1	2.00	E	•		-		'	۲	1.25
6. Education														
<ul> <li>Uliterate</li> </ul>	2	8.33	e	11.54	5	10.00	73	10.00	21	20.00	4	13.33	თ	11.25
<ul> <li>Pre-primary School</li> </ul>	,	•	,	'	4	,		5.00	s	•	-	3.33	€1	1.25
<ul> <li>Primary School (P1 - P6)</li> </ul>	21	87.50	21	80.77	42	84.00	16	80.00	ω	80.00	24	80.00	99	82.50
<ul> <li>Lower Grade of Secondary School (M1-M3)</li> </ul>	4	,	1	'	,	,	,	1	1	1	,	'		1
<ul> <li>Upper Grade of Secondary School (M4-M6)</li> </ul>		,	2	7.69	2	4.00	-	5.00		'	1	3.33	ო	3.75
<ul> <li>Vocational School or Equivalent</li> </ul>	ı	,		•	,	•		ı	1	•	•	,	4	
<ul> <li>Bachelor Degree</li> </ul>	<del>~</del> ~	4.17		•	1	2.00	-	,		ŀ	'	1	-	1.25

TABLE 2

# FAMILY STRUCTURE OF RESPONDENTS

			N HER						an me	AND VIEW				
				10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	Minite								Number	*
Number of Respondents	24	100.00	26	100.00	50	100.00	20	100.00	10	100.00	30	100.00	80	100.00
1. Number of Family Members (persons/house)														
• 1-2	2	29.17	7	26.92	14	28.00	2	10.00	1	10.00	3	10.00	17	21.25
■ 3-4	13	54.17	16	61.54	29	58.00	12	60.00	7	70.00	19	63.33	48	60.00
∎ 5-0	e	12.50	2	7.69	5	10.00	2	25.00	7	20.00	2	23.33	12	15.00
• 7-8	1	4.17	1	3.85	2	4,00	1	5.00			1	3.33	3	3.75
• Male	1.75	53.85	1.50	53.85	1.62	50.00	2.05	50.00	1.90		2.00	50.89	1.76	50.29
• Female	1.00	30.77	1.73	30.77	1.62	50.00	2.05	50.00	1.70	47.22	1.93	49.11	1.74	49.71
Average Family Members (Person/house)	<i>с</i> і	3.25	.е Г	. 62	3.24	24	4	4.10 I	3.60		3.93 I	33	3.50	0
2. Average Family Members Classified														
by Age Level														
<ul> <li>&lt; 6 year</li> </ul>	0.21	6.46	0.19	5.88	0.20	6.17	0.30	7.32	0.20	5.56	0.27	6.87	0.23	6.57
• 6 - 12 year	0.38	11.69	0.50	15.48	0.44	13.58	0.40	9.76	0.60	16.67	0.47	11.96	0.45	12.86
<ul> <li>13 - 20 year</li> </ul>	0.38	11.69	0.19	5.88	0.28	8.64	0.60	14.63	0.80	22.22	0.67	17.05	0.43	12.29
<ul> <li>21 - 40 year</li> </ul>	0.82	25.23	0.77	23.84	0.80	24.69	1.30	31.71	0.90	25.00	1.17	29.77	0.93	26.57
<ul> <li>41 - 60 year</li> </ul>	1.00	30.77	1.27	39.32	1.14	35.19	1.25	30,49	0.60	16.67	1.03	26.21	1.10	31.43
<ul> <li>&gt; 60 year</li> </ul>	0.46	14.15	0.31	9.60	0.38	11.73	0.25	6.10	0.50	13.89	0.32	8.14	0.36	10.29
Average Family Member (Person/house)	°.	3.25	3.23	33	3.	24	4	10	3.60	p	3.93	33	3.50	
										]	]		-	]

			Ban	one choice						InoAprid				
		inter Entres Estates				E			n Lines Lines				<b>5</b> 	
	KNumbers K	14 W W	Astronomers Astronomers		<b>ANDIM DATE</b>		NNIM Ber	No.	Number		*Númber*	Same a	Number	14. AN
Number of Respondents	24	100.00	26	100.00	99	100.00	20	100.00	10	100.00	8	100.00	8	100.00
3. Average Family Member Classified														
by Education Level														
<ul> <li>Illiterate</li> </ul>	0.17	5.23	0.08	2.48	0.12	3.70	0.30	7.32	0:30	8.33	0:30	7.63	0.19	5.43
<ul> <li>Pre-primary School</li> </ul>	1	ı	ı	ı		•	•	t		•	•	1	·	f
<ul> <li>Primary School (P1 - P6)</li> </ul>	1.95	60.00	1.89	58.51	1.92	59.26	2.30	56.10	1.80	50.00	2.13	54.20	2.00	57.14
<ul> <li>Lower Grade of Secondary School (M1-M3)</li> </ul>	0.08	2.46	0.08	2.48	0.08	2.47	0.10	2.44	0.30	8.33	0.17	4.33	0.11	3.14
<ul> <li>Upper Grade of Secondary School (M4-M6)</li> </ul>	0.13	4.00	0.15	4.64	0.14	4.32	0.15	3.66	0.10	2.78	0.13	3.31	0.14	4.00
<ul> <li>Vocational School or Equivalent</li> </ul>	٠	)	0.04	1.24	0.02	0.62	•	,	,	,	ı	t	0.01	0.29
<ul> <li>Bachelor Degree</li> </ul>	0.08	2.46	0.15	4.64	0.12	3.70	0.05	1.22	•	ı	0.03	0.76	0:90	25.71
<ul> <li>Student</li> </ul>	0.71	21.85	0.69	21.36	0.70	21.60	1.00	24.39	1.00	27.78	1.00	25.45	0.81	23.14
<ul> <li>Age before Schooling</li> </ul>	0.13	4.00	0.15	4.64	0.14	4.32	0.20	4.88	0.10		0.17	4.33	0.15	4.29
Average Family Member (Person/house)	<i>с</i> і	3.25	ŝ	3.23	3.24	14	4	4.10	3.60	0	3.93	0	3.50	
4. Average Family Member Classified														
by Occupation														
<ul> <li>Farmer</li> </ul>	2.05	63.08	2.23	69.04	2.14	66.05	2.55	62.20	1.70	47.22	2.27	57.76	2.17	62.00
<ul> <li>General Wage Labour</li> </ul>	0.04	1.23	•		0.02	0.62	,	1	0.20	5.56	0.07	1.78	0.04	1.14
<ul> <li>Industrial Wage Labour</li> </ul>	0.08	2.46	0.04	1.24	0.06	1.85	0.05	1.22	0.10	2.78	0.07	1.78	0.06	1.71
<ul> <li>Government Officer / State Enterprise</li> </ul>	0.04	1.23	0.08	2.48	0.06	1.85	•	•	•	•	,	,	0.04	1.14
Employees		-												
Private Employees	0.04	1.23	0.04	1.24	0.04	1.23	•	1	•	,	,	1	0.03	0.86
<ul> <li>Student</li> </ul>	0.71	21.85	0.69	21.36	0.70	21.60	0.95	23.17	1.20	33.33	1.03	26.21	0.83	23.71
<ul> <li>Trader</li> </ul>	0.04	1.23	•	•	0.20	6.17	,	,	0.10	2.78	0.46	11.70	0.03	0.86
<ul> <li>Unoccupation / Unemployed Person</li> </ul>	0.25	7.69	0.15	4.64	0.02	0.62	0.55	13.41	0:30	8.33	0.03	0.76	0:30	8.57
Average Family Member (Person/house)	ю	3.25	3.23	en en	3.24	4	4.10	0	3.60		3.93		3.50	_
5. Family Member Work Away														
from Home														
<ul> <li>None</li> </ul>	14	58.33	15	57.69	29	58.00	15	75.00	5	50.00	20	66.67	49	61.25
<ul> <li>1-2 persons</li> </ul>	10	41.67	9	23.08	16	32.00	ß	25.00	4	40.00	6	30.00	25	31.25
<ul> <li>3-4 persons</li> </ul>	I	1	5	19.23	ഹ	10.00	ı	1	1	10,00	1	3.33	9	7.50

TABLE 2 (Cont'd)

TABLE 3

FAMILY ASSETS

			Ban Nong Cholo	ng choicag					Ban, Tha Phayom	Phayom				
	Properties (1994) Automatical Automatical Automatical Automatical Automatica Automatical Automatical Automatica Automatical Automatical Automatic Automatical Automatical Automatic Automatical Automatical Automa		A (A Possibil A 4 8 Benefi A Verby H	Topunce address Howeorolds		sincritori 4. Tonis 6. Sectori	A Dract A Dract			Ossible Future Beneficiaries Beneficiaries		Šub-Total	<b>4</b>	Total
	<b>With Sale</b>		*Numbar		Multo		<b>Contractor</b> Contractor		S. S. L. Witting	10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	A A A Mumber	%	Number	8
Number of Respondents	24	100.00	26	100.00	20	100.00	20	100.00	10	100.00	30	100.00	80	100.00
1. Sedan Car														
• No	23	95.83	26	100.00	49	98.00	20	100.00	10	100.00	30	100.00	79	98.75
<ul> <li>Yes, Specified (number)</li> </ul>	1	4.17	ı	t	4	2.04	•		*	ı	ı			1.25
• 1	1	100.00		•	1	100.00	۲	1	ı	I	1	•	4	100.00
2. Pickup Truck		Î												
• No	12	50.00	14	53.85	26	52.00	13	65.00	8	80.00	21	70.00	47	58.75
<ul> <li>Yes, Specified (number)</li> </ul>	12	50.00	12	46.15	24	48.00	7	35.00	2	20.00	6	30.00	33	41.25
• 1	12	100.00	11	91.67	23	95.83	7	100.00	-	50.00	œ	88.89	31	93,94
• 2	1	•	<b>4-1</b>	8.33	1	4.17	•	4	-	50,00	بم	11.11	7	6.06
3. Motorcycle														
• No	ъ	20.83	4	15.38	6	18.00	1	5.00	1	10.00	2	6.67	11	13.75
<ul> <li>Yes, Specified (number)</li> </ul>	19	79.17	22	84.62	41	82.00	19	95.00	6	90.00	58	93.33	69	86.25
•	14	73.68	19	86.36	g	80.49	15	78.95	ß	55.56	20	71.43	53	76.81
• 2	ß	26.32	с	13.64	œ	19.51	ю	15.79	e	33.33	9	21.43	14	20.29
ю •		,	•		4	,	1	5.26	4	11.11	5	10.00	2	2.90

			Ban Nong Chok	G Chok					Ban Th	Ban Tha Phayom				
And Tamas An and Andreas An an	Direct Beneficiaries	ect Harles	Possible Fritures 4	Tuture's Infe	A Sub-Total	Total	Direct Baneficia	ect claries	Sub-Total         Direct         Possible Future           Non-Total         SuBeneficiaries         Possible futures           Non-Total         SuBeneficiaries         SuBeneficiaries           Non-Total         SuBeneficiaries         Non-Total	Possible Future Beneficiaries	Sut	Sub-Total		Total
	Number	32.8 W					enumber Sastit	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Section 2010		Number		Number	×≈%
Number of Respondents	24	100.00	26	100.00	50	100.00	20	100.00	10	100.00	30	100.00	08	100.00
4. House														
• No	5	8.33		3.85	ŝ	6.00		·	٠	'	ı	J	ę	3.75
<ul> <li>Yes, Specified (number)</li> </ul>	22	91.67	25	96.15	47	94.00	20	100.00	10	100.00	30	100.00	11	96.25
• 1	21	95.45	22	88.00	43	91.49	19	95.00	10	100.00	29	96.67	72	93.51
•	i	1	2	8.00	2	4.26	1	5.00	I	,	1	3.33	3	3.90
<b>м</b> •	4	4.55	Ļ	4.00	2	4.26	ı	····	•		ı	1	3	2.60
5. Land Holding Classified by One Own Right														
5.1 Right Owner (Multiple answers)														
<ul> <li>Title Deeds / NS 4</li> </ul>	ı	ı			·	,	20	100.00	10	100.00	8	100.00	30	37.50
<ul> <li>Sor-Por-Kor 4-01</li> </ul>	ę	15.00	G	30.00	6	45.00	-	5.00	1	5.00	7	10.00	11	13.75
<ul> <li>Por-Bor-Tor 5</li> </ul>	21	87.50	23	88.46	44	88.00	بع	5.00	7	10.00	2	6.67	46	57.50
<ul> <li>Land Rent</li> </ul>	11	45.83	8	30.77	19	38.00	æ	40.00	2	20.00	10	33.33	29	36.25
<ul> <li>Land Leasing from Other</li> </ul>	2	8.33	ı		2	4.00	ı	,	I	•	ı	,	2	2.50
Free Use	8	8.33	1	3.85	<i>с</i> о	6.00	4	5.00	2	20.00	ო	10.00	9	7.50
5.2. Average Area (rai/house)														
<ul> <li>Title Deed/NS4</li> </ul>			•				16	16.22	9	6.14		12.86	4	4.82
<ul> <li>Sor-Por-Kor 4-01</li> </ul>	-	1.83	5.25	ю	сі	3.61	2.(	2.00	3.0	3.00	0	2.33	ଳ	3.13
<ul> <li>Por-Bor-Tor 5</li> </ul>	53	23.07	16.25	ណ្ដ	19	19.52	1	1.25	2.(	2.00	1	1.50	12	12.76
<ul> <li>Land Rent</li> </ul>	12	12.37	5.60	0	α	8.85	с. С	3.15	1.	1.20	2	2.50	9.	6.47
<ul> <li>Land Leasing form Other</li> </ul>	0	0.22	•		Ö	0.11	,	1	•	·		ĩ	0.07	70
<ul> <li>Free Use</li> </ul>	0	0.32	0.38	~	Ö	0.35	0	0.15	0.30	Ő	0	0.20	0	0.30
Total Area (rai/house)	37	37.81	27.48	e0	32	32.44	22.77	77	12.64	64	1	19.39	27.	27.55
					-									

TABLE 3 (Cont'd)

TABLE 3 (Cont'd)

	100		10	g Chok a					E Ban Tha	Ball That Phayom				
	Since Since	1000 A	(v - Possible)			line Maria			a Station P	and a second	Sub-	Total	24 24	
			1000026230 100000000000000000000000000000000000	niunites xo / tigut chent)					NULTEN AL	NUMBER OF				
	(Source)				Numur.		winding		Aunto	A CONTRACTOR	Nunder V	1. N. N.	Mailab	***
Number of Respondents	24	100.00	26	100.00	20	100.00	20	100.00	10	100.00	30	100.00	80	100.00
6. TV														
• No	2	8.33	ى ت	19.23	7	14.00	-	5.00	ı	ı	۲1	3.33	8	10.00
<ul> <li>Yes, Specified (number)</li> </ul>	22	91.67	21	80.77	43	86.00	19	95.00	10	100.00	29	96.67	72	30.00
•	21	95.45	20	95.24	41	82.00	16	84.21	6	90,06	25	83.33	66	91.67
• 2		1	1	4.76	1	2.00	-	5.26	1	10.00	7	6.67	33	4.17
ю •	4	4.55	ı	1	***	2.00	1	5.26	1	1	<b>e</b> ni	3.33	2	2.78
•	ı	ł	,		,	•	Ţ	5.26	(	1		3.33	1	1.39
7. Refrigerator														
• No	4	16.67	G	23.08	10	20.00		5.00	I	J	£~4	3.33	11	13.75
<ul> <li>Yes, Specified (number)</li> </ul>	20	83.33	30	76.92	40	80.00	19	95.00	10	100.00	59	96.67	69	86.25
€-4 ●	19	95.00	30	100.00	39	78.00	18	94.74	ი	90.00	27	90.00	66	95.65
• 2	4	5.00	ı		1	2.00	44	5.26	1	10.00	2	6.67	3	4.35
8. Pest / Herbicide Sprayer														
<ul> <li>No</li> </ul>	20	83.33	26	100.00	46	92.00	19	95.00	10	100.00	29	96.67	75	93.75
<ul> <li>Yes, Specified (number)</li> </ul>	ት	16.67		1	4	8.00		5.00	ı	،	1	3.33	ស	6.25
• 1	4	100.00	,	ı	ъ	100.00		100.00	1	,	1	100.00	5	100.00
9. Laundry Machine											1		l	
<ul> <li>No</li> </ul>	19	79.17	18	69.23	37	74.00	13	65.00	ഹ	20.00	18	60.00	55	68.75
<ul> <li>Yes, Specified (number)</li> </ul>	9	20.83		30.77	13	26.00	7	35.00	ഹ	50.00	12	40.00	25	31.25
•	ო	60.00		100.00	11	84.62	7	100.00	S	100.00	12	100.00	23	92.00
• 2	7	40.00	,	•	2	15.38	ı		•	1	,		2	8.00

#### 98.75 1.25 100.00 100.00 92.50 7.50 66.67 33.33 96.25 3.75 100.00 67.50 32.50 100.00 88.75 11.25 100.00 \* A Loss of Number 9 9 3 3 7 80 74 9 4 $\sim$ 54 26 26 1 **~**-1 100.00 96.67 3.33 100.00 96.67 3.33 100.00 83.33 16.67 100.00 100.00 76.67 23.33 100.00 5 5 25 ອ . . 7 7 29 Ļ Ļ 29 \*\*\*\* \*\*\*\* 30 14 100.00 90.00 10.00 100.00 90.00 10.00 00'06 10.00 100.00 80.00 20.00 100.00 100.00 100.00 4 10 2 တ တ σ - -0 10 00 100.00 100.00 . . 100.00 ı. . 80.00 20.00 100.00 75.00 25.00 100.00 100.00 • 1 (maber ı. . 1 ÷ 1 ი ი 15 8 20 3 16 4 4 8 с э 98.00 2.00 100.00 100.00 187.50 20.83 60.00 96.00 4.00 42.00 40.00 100.00 58.00 100.00 96.00 4.00 100.00 Nu Lor 84 0 0 45 5 ദ്ദ 0 0 48 1 23 23 23 23 23 100.00 : . . 96.15 38.46 100.00 т т 96.15 100.00 3.85 100.00 61.54 100.00 3.85 100.00 , . 1 10 10 ÷ ( 1 26 26 -26 25 79.17 20.83 60.00 95.83 4.17 100.00 54.17 45.83 95.83 4.17 100.00 95.83 100.00 40.00 100.00 4.17 100.00 1 1 23 5 5 24 3 2 1 1 23 13 11 1 133 Yes, Specified (number) No Yes, Specified (number) Yes, Specified (number) Yes, Specified (number) Yes, Specified (number) Number of Respondents 12. Radio / Stereo / CD 11. Small Tractor 10. Electric Fan • 13. Cabinet • • • • • • No • No • No • No 14. Tractor

# TABLE 3 (Cont'd)

TABLE 3 (Cont'd)

			Ban No	ng Choke Se				a and a second		Phayom -				
	ā	Tech set	A Possible	in the second		in the second			ালাত ব		ans	Total		rotal
		31.101(Cartos	in athor Manay is	el <b>u</b> L. Miliolei					A structure (A structure)	(initian) (initian)				
	Nu de la		Munth		(United States)		Number		Minuto		Gimily		Vulnab	
Number of Respondents	24	100.00	26	100.00	50	100.00	20	100.00	10	100.00	30	100.00	80	100.00
15. Heavy Truck														
<ul> <li>No</li> </ul>	22	91.67	26	100.00	48	96.00	19	95.00	10	100.00	29	96.67	77	96.25
<ul> <li>Yes, Specified (number)</li> </ul>	2	8.33	1	1	2	4.00	1	5.00	1	,	1	3.33	e	3.75
• 1	2	100.00	1	1	2	100.00	•	•	,	ı			2	66.67
• 2	4	ı	ı	'	'	'		100.00			€.	100.00	1	33.33
16. Bicycles														
<ul> <li>No</li> </ul>	23	95.83	24	92.31	47	94.00	8	100.00	8	80.00	28	93.33	75	93.75
<ul> <li>Yes, Specified (number)</li> </ul>		4.17	2	7.69	e	6.00	t	ı	2	20.00	2	6.67	£	6.25
•		٠	2	100.00	2	66.37	ı	1	2	100.00	2	100.00	4	80.00
• 2		100.00	1	I		33.33	•	I	1	1	ı	1	1	20.00
17. Grass Grinder														
<ul> <li>No</li> </ul>	24	100.00	26	100.00	20	100.00	18	90.00	10	100.00	28	93.33	78	97.50
<ul> <li>Yes, Specified (number)</li> </ul>	1	1	•	'	I	ı	2	10.00	•	·	2	6.67	2	2.50
• 1 .	ı	ı	1	•	•	ŧ	5	100.00	•	•	2	100.00	2	100.00
18. Water Purnp														
<ul> <li>No</li> </ul>	20	83.33	26	100.00	46	92.00	18	90.00	<b>ග</b>	90.06	27	00.06	73	91.25
<ul> <li>Yes, Specified (number)</li> </ul>	4	16.67	1	'		8.00	2	10.00	4	10.00	m	10.00	7	8.75
•	4	100.00	ı	ı	•	8.00	2	100.00	1	100.00	ო	10.00	7	100.00
										-				

## CURRENTLY LAND USE (YEAR 2003)

Number of Respondents         24         100.00         26         100.00         50         1           1. Total Land Use (rai/HH) $3$ 12.50 $6$ 23.08 $9$ $9$ $0$ $11 \cdot 20$ $6$ $25.00$ $4$ $15.38$ $10$ $0$ $11 \cdot 20$ $6$ $25.00$ $8$ $30.77$ $14$ $0$ $21 \cdot 50$ $6$ $25.00$ $8$ $30.77$ $14$ $0$ $21 \cdot 50$ $83.33$ $2$ $759$ $4$ $15.38$ $6$ $0$ $0$ $2$ $83.33$ $2$ $769$ $7$ $0$ $0$ $2$ $83.33$ $2$ $769$ $7$ $41 \cdot 50$ $5$ $20.83$ $2$ $769$ $7$ $41 \cdot 50$ $5$ $20.83$ $2$ $769$ $7$ $41 \cdot 50$ $5$ $20.33$ $2$ $769$ $7$ $2$ $100.00$ $5$ $20.33$	<b>50</b>	<b>100.00</b> 18.00 20.00 8.00 12.00 14.00	<b>20</b> 100.00 6 30.00 6 30.00 3 15.00 3 15.00 1 5.00 22.77		<b>100.00</b> 7 70.00 2 20.00	<b></b>	<b>100.00</b> 46.67 26.67 10.00	<b>80 1</b> 23 23	<b>100.00</b> 28.75 22.50 21.25
Total Land Use (rai/HH) $3$ 12.50 $6$ $23.08$ $9$ $0$ to 10 $1$ $5$ $25.00$ $4$ $15.38$ $10$ $1$ $20$ $6$ $25.00$ $4$ $15.38$ $10$ $2$ $30.77$ $14$ $30.77$ $14$ $2$ $33$ $2$ $7.83$ $4$ $15.38$ $6$ $31 \cdot 40$ $2$ $8.33$ $2$ $7.89$ $4$ $4$ $41 \cdot 50$ $5$ $20.33$ $4$ $15.38$ $6$ $7$ $41 \cdot 50$ $2$ $8.33$ $2$ $7.84$ $32.44$ $7$ Average Land Use (rai/house) $37.81$ $27.48$ $32.44$ $32.44$ $32.44$ Average Land Use $''$ $100.00^{e^{-1}$ $27.48$ $32.46$ $44$ $1.37$ Average Land Use $''$ $100.00^{e^{-1}$ $27.48$ $32.44$ $32.44$ $44$ $1.37$ Average Residential Area $100$ $1.56$ $1.26$ $2.19$ $1.37$ $1.56$ $1.56$ <t< th=""><th>9 0 1 4 1 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7</th><th>1 1</th><th>23 27</th><th></th><th></th><th></th><th>46.67 26.67 10.00 10.00</th><th>53</th><th>28.75 22.50 21.25</th></t<>	9 0 1 4 1 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1 1	23 27				46.67 26.67 10.00 10.00	53	28.75 22.50 21.25
00       00       4       15.38       10         11       20       6       25.00       8       30.77       14         21       30       6       25.00       8       30.77       14         31       40       2       8.33       2       7.69       4         31       40       2       8.33       2       7.69       4         15       20.83       2       8.33       2       7.69       4         15       20.83       2       7.69       4       4       4         Average Land Use       5       20.83       2       7.69       7       3         Average Land Use       7       37.81       27.48       32.44       3         Type of Land Use       7       37.81       27.48       32.44       4         House/Residential Area       3       12.60       3       11.54       6         No       Yes       No       2       88.46       44       4         Average Residential Area       1.56       1.20       1.37       1.37         Average Residential Area       1.56       1.20       21.3       1.37 <t< td=""><td>01 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 10 24 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21 - 30 $6$ $25.00$ $8$ $30.77$ $14$ $31 - 40$ $2$ $8.33$ $2$ $769$ $4$ $41 - 50$ $2$ $8.33$ $4$ $15.38$ $6$ $41 - 50$ $5$ $20.83$ $2$ $7.69$ $4$ $41 - 50$ $5$ $20.83$ $2$ $7.69$ $7$ Average Land Use (tai/house) $37.81$ $27.48$ $32.44$ Average Land Use $7$ $37.81$ $27.48$ $32.44$ House/Residential Area $3$ $12.50$ $3$ $11.54$ $6$ House/Residential Area $3$ $12.50$ $3$ $11.54$ $6$ No $21$ $87.50$ $23$ $88.46$ $44$ Average Residential Area $1.56$ $1.20$ $1.37$ Average Residential Area $1.56$ <td>4 9 2</td> <td></td> <td><u> </u></td> <td> <sup>45</sup> Ø</td> <td>• •</td> <td>ო ო</td> <td>10.00</td> <td>18</td> <td>21.25</td>	4 9 2		<u> </u>	<sup>45</sup> Ø	• •	ო ო	10.00	18	21.25
$31 - 40$ $31 - 40$ $31 - 40$ $2$ $8.33$ $2$ $7.69$ $4$ $41 - 50$ $2$ $8.33$ $4$ $15.38$ $6$ $\bullet$ Over $50$ $\bullet$ Over $50$ $5$ $20.83$ $2$ $7.69$ $4$ $\bullet$ Over $50$ $\bullet$ Over $50$ $5$ $20.83$ $2$ $7.69$ $7$ $\bullet$ Over $50$ $\bullet$ Over $50$ $37.81$ $27.48$ $32.44$ $\bullet$ No $37.81$ $27.48$ $32.44$ House/Residential Area $1.56$ $21$ $87.50$ $23$ $88.46$ $44$ House/Residential Area $21$ $87.50$ $23$ $88.46$ $44$ $\bullet$ No $1.56$ $1.20$ $1.54$ $6$ $1.37$ Average Residential Area $1.56$ $1.50$ $21$ $87.50$ $23$ $84.6$ $44$ $\bullet$ No $\bullet$ Ves $1.56$ $1.50$ $0$ $1.37$ $0.000$ $0.000$ $0.000$ $0.000$ $0.0000$ $0.0000$ $0.0000$ $0.0000$ $0.00000$ $0.0000$ <td>4 0 1</td> <td>1</td> <td>22.77</td> <td></td> <td>•</td> <td>e</td> <td>10.00</td> <td>17</td> <td></td>	4 0 1	1	22.77		•	e	10.00	17	
• $41 - 50$ • $41 - 50$ • $15.38$ • $15.38$ • $15.38$ • $15.38$ • $15.38$ • $15.38$ • $12.38$ • Over 50       • $5$ $20.83$ 2 $8.33$ 4 $15.38$ 6         Average Land Use $1/7$ $37.31$ $27.48$ $32.44$ $32.44$ Type of Land Use $1/7$ $37.31$ $27.48$ $32.44$ $32.44$ House/Residential Area $37.31$ $27.48$ $32.44$ $32.44$ House/Residential Area $31.156$ $211$ $87.50$ $23$ $88.46$ $44$ No $211$ $87.50$ $23$ $88.46$ $44$ $137$ Average Residential Area $1.56$ $1.260$ $21.20$ $1.37$ Average Residential Area $100.00$ $26$ $1.37$ $1.37$ Average Residential Area $1.56$ $1.50$ $1.37$ $1.37$ Average Residential Area $1.56$ $1.50$ $1.37$ $1.37$ Average Residential Area $1.56$ $1.56$ $1.50$ $1.37$ Average Residen	9 1			a				7	8.75
• Over 50       5       20.83       2       7.69       7         Average Land Use (rai/house)       37.81       27.48       32.44         Type of Land Use       37.81       27.48       32.44         Type of Land Use       1       1       27.48       32.44         House/Residential Area       3       12.50       3       11.54       6         No       21       87.50       23       88.46       44         Average Residential Area       1.56       1.20       1.37         Average Residential Area       1.56       1.20       2.19         No       2.4       1.00.00       20       50         Yes       Yes       2.4       1.00.00       50		1			' 	ı	٠	9	7.50
Average Land Use (rai/house)       37.81       27.48       32.44         Type of Land Use       1       1       27.48       32.44         House/Residential Area       3       12.50       3       11.54       6         House/Residential Area       3       12.50       3       11.54       6         No       21       87.50       23       88.46       44         Average Residential Area       1.56       1.20       1.37         Average Residential Area       1.56       1.20       1.37         Average Residential Area       2.1       87.50       2.3       88.46       44         No       2.1       87.50       2.3       88.46       1.37         Average Residential Area       1.56       1.20       1.37         Average Residential Area       2.4       1.56       1.20       1.37         Average Residential Area       2.4       1.56       1.20       1.37         Average Residential Area       1.56       1.56       1.20       1.37         Average Residential Area       1.56       1.50       2.1       1.37         Average Residential Area       1.56       1.50       2.1       1.37 <td>32.44</td> <td>4</td> <td>22.77</td> <td></td> <td>10.00</td> <td>2</td> <td>6.67</td> <td>თ</td> <td>11.25</td>	32.44	4	22.77		10.00	2	6.67	თ	11.25
Type of Land Use       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I		_			12.64 L	19	19.39	27.55 	μΩ
House/Residential Area       3       12.50       3       11.54       6         • No       21       87.50       23       88.46       44         • Yes       21       87.50       23       88.46       44         Average Residential Area (rai/house)       1.56       1.20       1.37         Cultivated Area       1.56       1.20       1.37         • Ves       2.4       100.00       26       100.00         • Yes       2.4       100.00       26       100.00       50			<u> </u>						
No         3         12.50         3         11.54         6           • Yes         21         87.50         23         88.46         44           Average Residential Area (rai/house)         1.56         1.20         1.37           Cultivated Area         1.56         1.20         1.37           • No         • No         24         100.00         26         100.00         50						·	00 C	r	0 7E
Yes         21         87.50         23         88.46         44           Average Residential Area (rai/house)         1.56         1.20         1.37           Cultivated Area         1.56         1.20         1.37           • No         • Yes         24         100.00         26         20		12.00					τ. τ. τ. Τ.		
Average Residential Area (rai/house)         1.56         1.20         1.37           Cultivated Area         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -	44	88.00	19 95.00		0 100.00		96.67		91.25
Cultivated Area	1.37	/	1.32		0.60		1.08	1.2/	
-     -     -     -     -     -       24     100.00     26     100.00     50       33 81     21.9     27.61									
24   100.00 26   100.00 50   33 81 21.9 27.61		•					- 00 001	- 00	
33.81 21.9	20	100.00	20 100.00					s	
	27.67		16.39		5.83	17	12.8/	80.22	
		:				ç	06.67	77	UU UU
22 84.62 4		86.00	19 95.00				/0'02		10.00
15.38 7	6	14.00	1 5.00			-		— ć	10.00
Average Pasture Area (rai/house) 1.37 1.00 1.20	1.20		1.90		. –		1.4/	-1	

Remark:  $^{1\prime}$  Average area is devided by total household of each group

	State State		Ban N	Nong Chok				調査する	i Ban Th	Bah Tha Pheyom				
	S. WDirect	1	E Possible	Future	-qmSlater a	Total	The Direct	ect Parts	aldisso at	Future	strain Sub-Total	Total	mor'	TR. Contraction of the second se
	Benefic	alaries c	Benefi	difficiency of			Benefi	eneficiaries s	<ul> <li>Bonditel</li> <li>Monthy abol</li> </ul>	antes Astronomia				
	Number	***	Number		Number		S.Number	100 No. 100			Number	100 A	Number	%
Number of Respondents	24	100.00	26	100.00	50	100.00	50	100.00	5	100.00	30	100.00	80	100.00
2.4 Fish Pond Area														
• No	18	75.00	22	84.62	40	80.00	17	85.00	6	90.00	26	86.67	66	82.50
• Yes	9	25.00	4	15.38	10	20.00	ы	15.00	7	10.00	4	13.33	14	17.50
Average Fish Pond Area (rai/house)	0.26	36	- 00 - 00	 g	Ċ	0.17	O	0.12	0.10	10	0	0.12	0.15	Б
2.5 Drying Floor Area	24	100.00	24	92.31	48	00.96	R	100.00	10	100.00	30	100.00	78	97.50
V.I.		•	2	7.69	2	4.00		,	ı	٠	,	ı	2	2.50
Average Drying Floor Area (rai/house)			ö	0.08	Ö	<b>-</b> 0:04		- , -	•			- , -	0.025	25
2.6 Lease Out to Others														
- No	24	100.00	21	80.77	45	90.00	19	95.00	თ	90.00	58	93.33	73	91.25
<ul> <li>Yes</li> </ul>	ı	,	വ	19.23	£	10.00		5.00	<b>+</b> -1	10.00	2	6.67	2	8.75
Average Lease Out Area (rai/house)	•		1.	1.30	O	0.67 L	1.	1.60 L	0'1	0.80	1	1.33	0.92	32
2.7 Land Let for Free Use														
oN -	22	91.67	23	88.46	45	90.00	20	100.00	10	100.00	30	100.00	75	93.75
• Yes	2	8.33	e	11.54	5	10.00		,	•	•	ı	1	വ	6.25
Average Free Use Area (rai/house)	0	0.58	1.	1.27 L	Ō	0.94 L						, _	- 0.59	60
2.8 Idle Land													Ľ	00 11
- No	22	91.67	52	84.62	44	88.00	15	75.00	80	80.00	8	/9.6/	/9	c/.28
<ul> <li>Yes</li> </ul>	5	8.33	4	15.38	9	12.00	2	25.00	2	20.00	2	23.33	13	16.25
Avetage Idle Land Area (rai/house)		0.23	Ö	0.60	0	0.42	0	0.94 -	0.31	- 31	0	0.73	0.54	54

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Nimble         No.         Diedition         Statistication         Statistication <th< th=""><th></th><th></th><th></th><th>Ban</th><th>vong chok</th><th></th><th></th><th></th><th></th><th>a statistication</th><th>a'Phayôm</th><th></th><th></th><th></th><th>- </th></th<>				Ban	vong chok					a statistication	a'Phayôm				- 
Iter view         Bank Lattice         Bank Lattice <th></th> <th></th> <th></th> <th>the Possib</th> <th>e Fuhire</th> <th>ms.</th> <th>1000</th> <th>IC A</th> <th>rect E</th> <th></th> <th>1 failed</th> <th>Sub</th> <th>Sub-Total</th> <th>Total</th> <th></th>				the Possib	e Fuhire	ms.	1000	IC A	rect E		1 failed	Sub	Sub-Total	Total	
Number         Number<		a S	dafies.	A Sene Sene	Iciarios de la constante de la	2.72 5.84		a Berto	icianes i	Benefi Strate	ularies Alexandra Materiolda)				
24         100.00         26         100.00         50         100.00         20         100.00         10         100.00         10         100.00         10         100.00         10         100.00         10         100.00         10         100.00         10         100.00         10         100.00         10         100.00         10         100.00         10         100.00         10         100.00         10         100.00         10         100.00         10         100.00         10         100.00         10         100.00         10         100.00         10         100.00         10         100.00         10         100.00         10         100.00         10         100.00         10         100.00         10         100.00         10         100.00         10         100.00         10         100.00         10         100.00         10         100.00         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10 <th></th> <th>Number</th> <th>1. N. S.</th> <th>Number</th> <th></th> <th>Number</th> <th></th> <th>Mumber</th> <th>5 5 1 1</th> <th>A Number</th> <th>N.S.S.S.</th> <th>Number</th> <th>\$ P</th> <th>Number</th> <th>%</th>		Number	1. N. S.	Number		Number		Mumber	5 5 1 1	A Number	N.S.S.S.	Number	\$ P	Number	%
24       100.00       25       96.15       49       98.00       19       95.00       10       100.00         ai/house)       -       -       1       3.85       1       2.00       1       5.00       -       -       -         ai/house)       -       -       1       3.85       1       2.00       1       5.00       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -	Number of Respondents	24	100.00	26	100.00	20	100.00	20	100.00	10	100.00	30	100.00	80	100.00
24       100.00       25       96.15       49       98.00       19       95.00       10       100.00         ai/house)       -       -       1       3.85       1 $2.00$ 1 $5.00$ -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -	2.9 Pond														
ai/house)       -       1       385       1       2.00       1       5.00       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -	• No	24	100.00	25	96.15	49	98.00	19	95.00	10	100.00	29	96.67	78	97.50
ai/house)       -       0.02       0.01       0.10       -         24       100.00       25       96.15       49       98.00       20       100.00       10         24       100.00       25       96.15       49       98.00       20       100       10         ai/house)       -       1       3.85       1       2.00       -       -       -         ther Villages       24       100.00       26       100.00       1       0.01       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -	• Yes	·	'	7	3.85	1	2.00	1	5.00	•	!	रूल	3.33	7	2.50
24       100.00       25       96.15       49       98.00       20       100.00       10       100.00         .       .       .       .       1       3.85       1 $2.00$ .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       . <td>Average Pond Area (rai/house)</td> <td>•</td> <td></td> <td>0</td> <td>. 03</td> <td>Ö</td> <td>. 10</td> <td>0</td> <td>. 10</td> <td>•</td> <td></td> <td>0</td> <td>0.07</td> <td>0</td> <td>0.03</td>	Average Pond Area (rai/house)	•		0	. 03	Ö	. 10	0	. 10	•		0	0.07	0	0.03
24     100.00     25     96.15     49     98.00     20     100.00     10     100.00       .     .     .     1     3.85     1     2.00     .     .     .     .       .     .     .     1     3.85     1     2.00     .     .     .     .       .     .     .     0.02     0.01     .     .     .     .     .       .     .     .     0.01     .     .     .     .     .     .       24     100.00     26     100.00     50     100.00     19     95.00     9     90.00       .     .     .     .     .     1     10.00     1     10.00	2.10 Other Area (walkway)														
-     1     3.85     1     2.00     -     -     -       -     -     0.02     0.01     -     -     -     -       24     100.00     50     100.00     50     19     95.00     9     90.00       -     -     -     -     1     10.00     19     95.00     9     90.00	<ul> <li>No</li> </ul>	24	100.00	25	96.15	49	98.00	20	100.00	10	100.00	8	100.00	79	98.75
24 100.00 26 100.00 50 19 95.00 9 90.00 1 1 10.00 10 10 10 10 10 10 10 10 10 10 10 10 1	• Yes	•	•	1	3.85	1	2.00	1	·	•	'	'		1	1.25
24     100.00     26     100.00     50     19     95.00     9     90.00       -     -     -     -     1     5.00     1     10.00	Average Other Area (rai/house)	·			.02	Ö	10		. 4				-	Ö	0.01
24     100.00     26     100.00     50     19     95.00     9     90.00       -     -     -     -     1     5.00     1     10.00	2.11 Agricultural Area in Other Villages														
	• No	24	100.00	26	100.00	50	100.00	19	95.00	6	90.06	28	93.33	78	97.50
	<ul> <li>Yes</li> </ul>	·	'	•	1	1	•	1	5.00	£~~1	10.00	2	6.67	2	2.50
	Average Area in Other Village (rai/house)	·						0	40	5.(	0, 1	1	1.93 L	ö	0.72

CULTIVATION INFORMATION (2002/2003)

		A STATE OF A	A Ban Non	d chok					Ban The	Moybur				
			A Possibilit A Possibilit A Bandric				HOLES HOLES		s Postbie Bagen		-41 	olal Signatura Signatura		
	Munitor		Winnes.		Miniation		Number	222	Munite Munite M		Number Souther			×.
Number of Respondents	24	100.00	26	100.00	50	100.00	20	100.00	10	100.00	30	100.00	80	100.00
1. Planted Area (Rai)				F										
<ul> <li>Upto 10</li> </ul>	5	20.83	7	26.92	12	24.00	6	45.00	10	100.00	7	23.33	31	38.75
• 11 - 20	9	25.00	Ð	19.23	11	22.00	7	35.00	,	ſ	വ	16.67	18	22.50
• 21 - 30	4	16.67	10	38.46	14	28.00	5	10.00	1	t	10	33.33	16	20.00
• 31 - 40	2	8.33		3.85	ы	6.00	1	5.00	1	ı	4	3.33	4	5.00
• 41 - 50	Э	12.50	63	7.69	ß	10.00	1	ı	1	ſ	~	6.67	വ	6.25
<ul> <li>More than 50</li> </ul>	4	16.67	1	3.85	പ	10.00		5.00	1	•	<del>~</del> 4	3.33	Q	7.50
Average Planted Area (rai/grower)		8114	21.90	0	27.61	. 61	16.39	39			12.87		22.08	8
2. Crop Cultivation														
2.1 Sugarcane														
<ul> <li>Number of Growers</li> </ul>	17	70.83	15	67.69	32	64.00	œ	40.00	2	20.00	10	38.46	42	52.50
<ul> <li>Planted Area (rai/grower) : devided by of grower</li> </ul>		5	15.63	33	22.	22.78	23.13	13	2.50	0	19.	19.00	21.85	
· Plainted Area (nurtht) devided by respondent	20:55	<b>66</b>		2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	The start	55 AV	1. 1. 19.26	9	10	0	6.1	6.33	11.47	47
<ul> <li>Average Yield (ton/rai/year)</li> </ul>	11.53	2 2	10,44	4	11.	11.02	10.81	81	13.00	8	11	11.25 I	11.07	5
<ul> <li>Water Used</li> </ul>	- /				語いでの語言が					4	Ş		ç	100.00
Rain-fed     Average Yield ( ton/tai/year )	83.11 11.21	18: 53	15   9.02.	100.00	32 11	11.02	8 92	- 25	2 13	100.00 00	10   11.25   11.25	- 25 - 25 - 25	422   1 11.47 	100,000
Irrigation	ł		1	,	4		,		,	1			I	
Average Yield ( ton/rai/year )	•		,				'		1				'	

	8	100.00		73.81	38.10	2.38	16.67	2.38		56.25	45.00	11.25			<u> </u>		100.00		1			95.56	2.22	2.22
		80		31	16	1	4	1	<u> </u>	45	36	6	15.10	7.26	4.12		45	412	•	, -		43	1	<del>6</del>
		100.00		40.00	46.67	,		10.00		•									1			,	•	,
		30		9	4		ı	1		•	,	,	٠		•		•		•			,		
dimension Company Company Company		100.00		ſ	100.00	I	ı	•		1	,	,					'		•				•	
		10		•	2	٠	•	-					' 1				ı		1			ł		,
		100.00		75.00	62.50	1	1	12.50		1	ſ	•					·		ſ				ł	ŀ
		20		9	Ð	,	ı	1		1	,		•	学校の	1		ŀ		,			·	ł	•
		100.00		78.13	28.13	3.13	21.88	•		90.06	80.00	20.00	15.10	161012	4.12		100.00	2.6.19	'			95,56		2.22
	Camily 1	50		25	0	1	2			45	36	6	15.	Wash	4		45			,		43		<b>1</b> .1
		100.00		80.00	33.33	4	6.67	'		92.31	91.67	8.33	. 65	170 021	15 15		100.00	<b>35 % 31</b> %				95.83	,	4.17
The second s		26		12	5	·	1	•		24	22	2	13.39		4.35		24		r	,		23	•	1
		100.00		76.47	23.53	5.88	35.29	1		87.50	66.67	33.33	17.78	11.50	3.76		100.00	3.76	I		_	95.24	4.76	·
		24		13	4	1	Ŷ		-	21	14	2	17.	16.75	'n		21		,			20	<del>, 1</del>	
		Number of Respondents	<ul> <li>Varieties (Multiple answers)</li> </ul>	• K-92	• K-200	• K-96	Macos	• 377	2.2 Pineappie	<ul> <li>Number of Growers</li> </ul>	Who have Already Harvested	• Who have Just Started to Plant	<ul> <li>Planted Area (rai/grower)<sup>u</sup></li> </ul>	<ul> <li>Planted Area (rai/HH) devided by respondent</li> </ul>	<ul> <li>Average Yield (ton/rai/year)</li> </ul>	<ul> <li>Water Usage Type</li> </ul>	Rain-fed	E Average Yield (tonhral/year)	Irrigation	Average Yield (ton/rai/year)	<ul> <li>Varieties</li> </ul>	• Ta Dam	<ul> <li>Pattawia</li> </ul>	Unidentified

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				3.1 (A10) ~		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1			10 A 5 4 1 1 - A 5 4				State State	
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	Aunton Aunton Aunton		Numata.		Annua Anna Anna Anna									8
Number of Respondents	24	100.00	26	100.00	20	100.00	20	100.00	10	100.00	30	100.00	80	100.00
2.3 Maize														
<ul> <li>Number of Growers</li> </ul>	e	12.50	,	1	33	6.00	,	ı	•	ı	•	'	ო	3.75
<ul> <li>Who have Already Harvested</li> </ul>	2	66.67	ı	•	2	66.67	,	•		1	,	1	73	66.67
• Who have Just Started to Plant	1	33.33	ı	,	44	33.33	•	'	1	ı	•	,	1	33.33
<ul> <li>Planted Area (rai/grower)<sup>1/</sup></li> </ul>	5.50	. 0	,		5.50	0	,		I		•		5.50	0
Planted Area (autital) davded by respondent		CT.			2011/2020	No. of							0.1	- 
<ul> <li>Average Yield (ton/rai/year)</li> </ul>	0.25	ур Ур			0.25	. <u>2</u> 2	-				, –		0.25	Ŋ
<ul> <li>Water Used</li> </ul>														
<ul> <li>Rain-fed</li> </ul>	ю	100.00	,		ę	100.00	٠	,		'	'	1	ю	100.00
Average Yand (tauralyaar)		<b>5</b> 6 (10)			0								0.2	<u>م</u>
<ul> <li>Varieties</li> </ul>														
Hybrid	2	66.67	ı	•	2	66.67	'	,	1	1	,	•	~	66.67
Local Variety	1	33.33	ı	•	1	33.33	•	ı	,	•		,		33.33

Remark: <sup>1/</sup> Planted area of household who have ready harvested

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service and the second entry of	24	100.00	26 26	100.00	50	100.00	20	100.00	10	100.00			8	
2.4 Paddy	-					_					3	00.001		00'00T
<ul> <li>Number of Growers</li> </ul>	•	5	,	'	•	,		5.00	•	1	1	3.33		1.25
<ul> <li>Planted Area (raugnower)</li> <li>Planted Area (raugnower)</li> <li>Planted Area (raugnower)</li> <li>Average Yield (ton/rai/vear)</li> </ul>							3.00	8			3.00	20 10		33.00
<ul> <li>Water Usage Type</li> </ul>					,		ne:n	2			0.50	<u> </u>	- 0.50	8 -
<ul> <li>Rain-fed</li> <li>Rein-fed</li> </ul>	-		- -	•		-	1	100.00	1	'	1	100.00	1	100.00
<ul> <li>Varieties</li> <li>Varieties</li> </ul>												0	5	<b>0</b>
• Fratum 1		,	6	1	1	,	1	100.00	F		1	100.00	1	100.00
2.5 Corn (Sticky)													-	
<ul> <li>Number of Growers</li> </ul>	•	,	-	3.85	1	2.00		 !	1	•	•	1	1	1.25
Planted Area (rai/grower) : devided by grower     The second			2.50		2.50	0							1 2.50	0
<ul> <li>Average Yield (kg/rai/year)</li> </ul>			56.00	0	56 DO									
<ul> <li>Water Usage Type</li> </ul>													 6	2
<ul> <li>Rain-fed</li> <li>Average Vield (kg./rau/yeau)</li> <li>Varieties</li> </ul>	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		1 560	1 100.00	1	100.00	• ()						1 56600	100.00
<ul> <li>Local Variety</li> </ul>	,			100.00	1	100.00		,			•			100.00

	*	100.00	16.67		83.33		22.22	33.33	5.56	16.67	5.56	16.67			3.75				133.23	
	Numbr	80	ۍ 1	4.67	15 8	4.94	ন ব	9	1		<b>4</b> 1	с г		1		1.67	0.06	0.74		0:40
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Total	*	100.00	16.67	4.67	83.33	494	22.22	33.33	5.56	16.67	5.56	16.67			3.33	2.00	0.07	1.26 1		
		30	m		15		4	9	1	3	1	e			1	Ele sulla Particula				
		100.00	11.11	OLC LOCAT	88.89		22.22	22.22		33.33	11.11	33.33			•	and a second processing of the				
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		50	ſ		•		,	ı	ı	ı	ı	-			2	1.50	00.	0.48		1 ////0 <b>3</b>
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Ban Non Penalitia Penalitia Benalitia Penalitia	Numbers Str	26	٠		ı		•	,	٠	ı	1	1				•				
		100.00			·		,	,	1		•	ı			8.33			8		20.00
A Construction of the second s		24			I			i	ı	ı	ı	,			63		1. 1. 10 18 	0.48		1   50
		Number of Respondents	<ul> <li>Water Usage Type</li> <li>Rain-fed</li> </ul>	Aleiol (contraryear) of the		Average Yaadd (conference)	<ul> <li>Varieties</li> <li>volume</li> </ul>	• G-5414	Pacific	• G-17	• G-14	Unidentified	3. Vegetables	3.1 Asparagus	<ul> <li>Number of Growers</li> </ul>	<ul> <li>Planted Area (rai/grower) : devided by grower</li> </ul>	<ul> <li>Planed Apart (tar) if the devided by respondence</li> </ul>	<ul> <li>Average Yield (ton/rai/year)</li> </ul>	<ul> <li>Water Usage Type</li> </ul>	<ul> <li>Rain-fed</li> <li>Average Yield (ton/rai/year)</li> </ul>

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							Autority Autority Autority Autority Autority		(index)				Number	
Number of Respondents	24	100.00	26	100.00	50	100.00	20	100.00	10	100.00	30	100.00	80	100.00
<ul> <li>Irrigation</li> <li>Irrigation</li> <li>Average vield (obvirative ar)</li> <li>Varieties (Multiplie answers)</li> </ul>	1	50.00		-	1 7 7 8 7	50.00 56					1	100.00	2	66.67
<ul> <li>Boxinbood</li> <li>Imperial</li> </ul>		100.00 50.00	• •	· ·		100.00 50.00	•	100.00		,	, <del>.</del>	100.00	0 0	66.67 ee er
3.2 Cuoumber							「「「「「「」」」」							
	1	4.17	•	•	÷-1	2.00	1	1		,		,	<del>.</del>	1.25
Who have Just Started to Plant	1	100.00	- <u>-</u>		1	100.00								100.00
<ul> <li>Planted Area (rai/grower) : devided by grower</li> </ul>	4.00	-			- 4	- 2	- ,		,		— ,		4:00	0
Average Yield (ton/rai/year)     Average Yield (ton/rai/year)					0	100 A							- 00	ê
<ul> <li>Water Usage Type</li> </ul>														
Rain-fed	1	100.00		,	1	100.00	,		•		ı		-	100.00
Irrigation	,	'	ļ	1		1	1	ł				r		4
<ul> <li>Varieties</li> </ul>				<u> </u>										
Mícrosin	1	100.00		ŕ	<u>ب</u>	100.00	1		,			1	1	100.00

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24 1	100.00	26	100.00	20	100.00	20	100.00	10	100.00	30	100.00	80	100.00
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									Aumio Arteste					*
Number of Respondents	24	100.00	26	100.00	50	100.00	20	100.00	10	100.00	30	100.00	8	100.00
3.6 Egg-Plant		-												
<ul> <li>Number of Growers</li> </ul>	ı		,	•	,	·	4	20.00	2	20.00	9	20.00	9	7.50
<ul> <li>Planted Area (rai/grower) : devided by grower</li> </ul>	· .		•		•		1.90	0	1	1.25	1.71	- 12	1.71	- 5
· Parned to a supplier devided by responsible in								Sarah Sarah			O STATE		io and	5
<ul> <li>Average Yield (ton/rai/year)</li> </ul>			•		•		6.00	Q	6.00	8	6.00	0	6.00	g
<ul> <li>Water Usage Type (Multiple answers)</li> </ul>														
Inigation	1	ı	•				4	100.00	2	100.00	9	100.00	9	100.00
											9 <sup>5</sup> 8758	00.00	0.0	
<ul> <li>Varieties</li> </ul>														
Nam Yod	•	1	,	•	•	,	4	100.00	2	100.00	9	100.00	9	100.00
3.7 Lettuce														
<ul> <li>Number of Growers</li> </ul>	•	1	ı		1	•	7	10.00	,	1	73	6.67	N	2.50
<ul> <li>Who have Already Harvested</li> </ul>	•		¢	•	ı		1	50.00	,	ı	71	50.00	1	50.00
• Who have Just Started to Plant	,	ı		•				50.00			1	50.00		50.00
<ul> <li>Planted Area (rai/grower)<sup>1/</sup></li> </ul>	•	<u> </u>			'		22.00	g	,		22.00	8	22.00	g
· Plantod wear and the prostory device the reportion of											10.5°	21	CO. 34 sh	
	ſ		I		I		13.00	g	I		13.00	8	13.00	g
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<ul> <li>Water Usage Type (Multiple answers)</li> </ul>									*****					
	•			1	1	<u> </u>	i.	25.00	1	1		60.00	1	16.67
Average Yield (bbh/rai/year)							13.00	0			13.00	8	13.00	

			S. Bin Non	o Charles					Ban Tha	Piavon, 1				
			Sarda Inita Sarda Inita		stus.	0.11 2.5	na :		ter for	a unite		oul se	E.	
		coho) i	NCALIFY HO					1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	a arte da Sate da ver	រប្រាសារក ស្រាសារក				
					Attends A						A miles			
Number of Respondents	24	100.00	26	100.00	50	100.00	20	100.00	10	100.00	30	100.00	80	100.00
Varieties														
• F1 Hybrid Chinese Cabbage	ı	'		*	1	ı	"	100.00	•	1	1	60.00		100.00
Unidentified	,	ı		,		,	4-4	100.00			1	50.00	-	100.00
3.8 Chili														
<ul> <li>Number of Growers</li> </ul>	1	ı			1	1	4	20.00	1	10.00	م ا	16.67	2	6.25
<ul> <li>Planted Area (rai/grower) : devided by grower</li> </ul>			•				1.31	1	2.50	0	1.55	ц <u>р</u>	1.55	
· Planed Nes (BURL) deviced by terbonderic							10.00				2d - 1		0	
<ul> <li>Average Yield (ton/rai/year)</li> </ul>			• •				2.05	ų	1.36	9	1.91	5.	1.91	e-1
<ul> <li>Water Usage Type</li> </ul>														
Irrigation	I	ŀ		ſ	•	۴	4	100.00	1	100.00	2	100.00	£	100.00
Average Yield (ton/rat/year)											-19		- 19	
<ul> <li>Varieties</li> </ul>														
<ul> <li>Karen</li> </ul>	•	•	,	1	,	ı	2	60.00	1	100.00	ო	60.00	e	60.00
• Pop	ı	,	•	•	ł	'	1	25.00	,	,	<b>1</b>	20.00	1	20.00
Cham Pee		,	•	,	4	•	1	25.00		-	1	20.00	1	20.00

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<sup>1</sup> Planted area of household who have ready harvested.

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Number of hereinants         Number of											and the				
Mark Mark Mark Mark Mark Mark Mark Mark						ms .							s din 1 2		े ज
Main         Main <th< td=""><td></td><td></td><td></td><td>Contraction of the second s</td><td>latar (J. 1. Januar)</td><td>and a second second</td><td></td><td></td><td></td><td>i sterioù Menerz</td><td>elation (Second</td><td>7. 7.</td><td></td><td></td><td></td></th<>				Contraction of the second s	latar (J. 1. Januar)	and a second				i sterioù Menerz	elation (Second	7. 7.			
24         100.00         25         100.00         26         100.00         20         100.00         20         100.00         20         100.00         20         100.00         20         100.00         20         100.00         20         100.00         20         100.00         20         200         200         20         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200						(Guind) States of the second									9
9. Long Bean       9. Long Pean       9. Long Pean       9. Long Pean       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200	Number of Respondents	24	100.00	26	100.00	50	100.00	20	100.00	10	100.00	30	100.00	8	100.00
• Number of Groves       •       •       •       •       •       1       1       3.33       1       1         • Failed Atae (ac)recover)       •       •       •       •       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>															
• Planted Area (ar.) (growe)       • Planted Area (ar.) (growe)       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00       2.00 <td><ul> <li>Number of Growers</li> </ul></td> <td>•</td> <td>,</td> <td>,</td> <td>,</td> <td>ł</td> <td>•</td> <td></td> <td>5.00</td> <td>,</td> <td>•</td> <td>1</td> <td>3.33</td> <td>1</td> <td>1.25</td>	<ul> <li>Number of Growers</li> </ul>	•	,	,	,	ł	•		5.00	,	•	1	3.33	1	1.25
• Varianda Warth and definitions       • Number of the formations       • • • • • • • • • • • • • • • • • • •			. ,	'	•	1	-	2.0	0			2.1	- 8	5	- 8
• Average Yald (nontar/year) $3.75$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ $3.76$ • Vandise• Vandise• Vandise• $1$ $10000$ • $1$ $10000$ • $1$ $10000$ $1$ $1$ $10000$ $1$ $1$ $10000$ $1$ $1$ $10000$ $1$ $1$ $10000$ $1$ $1$ $10000$ $1$ $1$ $10000$ $1$ $1$ $10000$ $1$ $1$ $10000$ $1$ $1$ $10000$ $1$ $1$ $10000$ $1$ $10000$ $1$ $10000$ $1$ $10000$ $1$ $10000$ $1$ $10000$ <td><ul> <li>Planted Areau(a)/HBD devided</li> </ul></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>E Start</td> <td></td> <td></td> <td>0</td> <td>40</td> <td></td> <td>625</td>	<ul> <li>Planted Areau(a)/HBD devided</li> </ul>								E Start			0	40		625
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• Lam Nam Chi• Lam Nam Chi• Lam Nam Chi• I10000• I10000• I100001Fruit' Parenneal TreesJack FruitJack FruitJack Fruit. Who have of Growers28.33• 24.00• 1100.00• 1100.00. Who have Already Harvested160.00• 150.00• 150.00• 1100. Who have Already Harvested160.00• 150.00• 150.00• 1100. Who have No Production160.00• 150.00• 160.00• 1100. Planed Area (rai/grower) <sup>T</sup> 1.00• 150.00• 1• 100• 1100. Planed Area (rai/grower) <sup>T</sup> 30.00• 1 $30.00$ • 1 $30.00$ • 1 $30.00$ . Parted Area Yrai/year)30.00• 1 $30.00$ • 1 $30.00$ • 1 $30.00$ . Praned Area Yrai/year)30.00• 1 $30.00$ • 1 $30.00$ • 1 $30.00$ . Parted Area Yrai/year)30.00• 1 $30.00$ • 1 $30.00$ • 1 $30.00$	<ul> <li>Varieties</li> </ul>														
Full V Paterneal TreesFull ValueJack FruitJack FruitNumber of GrowersNumber of GrowersNumber of GrowersNumber of GrowersNuch have Already HarvestedIWho have No ProductionISoloPanted Area (rai/grower)IPanted Area (rai/grower)Panted Area (rai/grower)ISoloPanted Area (rai/grower)IISoloPanted Area (rai/grower)IISoloPanted Area (rai/grower)IISoloISoloIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII <td>• Lam Nam Chi</td> <td>,</td> <td></td> <td>•</td> <td></td> <td>\$</td> <td>1</td> <td>1</td> <td>100.00</td> <td>,</td> <td>•</td> <td>1</td> <td>100.00</td> <td>F-1</td> <td>100.00</td>	• Lam Nam Chi	,		•		\$	1	1	100.00	,	•	1	100.00	F-1	100.00
Jack FruitJack FruitJack FruitJack FruitJack FruitJack FruitJack Fruit• Number of Growers28.3324.002• Who have Already Harvested150.00-150.0011• Who have Already Harvested150.00-150.0011• Who have No Production150.00-150.0011• Nho have No Production150.00-150.0011• Planted Area (rai/grower) <sup>1</sup> 1.00-11.0011.00• Planted Area (rai/grower) <sup>1</sup> 1.00-1.0011.00• Average Yield (kg /rai/year)30.00-30.0030.00• Average Yield (kg /rai/year)10030.0030.00															
• Number of Growers         2         8.33         -         -         2         4.00         ·         -         -         2         1         2         2         2         2         2         4.00         ·         -         -         2         1         2         2         1         2         2         1         2         2         1         2         2         1         1         2         1         2         1         2         1         1         2         1         2         1         2         1         2         1         2         1         1         2         1         1         2         1         1         2         1         1         2         1         1         2         1         1         2         1         1         2         1         1         2         1         1         2         1         1         2         1         1         2         1         1         2         1         1         2         1         1         2         1         2         1         1         2         1         1         2         1         1 <th2< th="">         1&lt;</th2<>															
• Who have Already Harvested       1       50.00       •       1       50.00       •       1       •       1       •       1         • Who have No Production       1       50.00       •       1       50.00       •       •       1       •       1       1         • Who have No Production       1       50.00       •       1       50.00       •       •       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1	<ul> <li>Number of Growers</li> </ul>	8	8.33	ı	1	2	4.00	•	•	1		•	•	5	2.50
• Who have No Production       1       50.00       •       1       50.00       •       1       •       1       1         • Planted Area (rai/grower) <sup>u</sup> 1.00       •       1.00       •       1.00       •       1.00       •       1.00       •       1.00       •       1.00       •       1.00       •       1.00       •       1.00       •       1.00       •       1.00       •       1.00       •       •       1.00       •       •       0.11       •       0.01       •       •       1.00       •       •       0.01       •       •       0.01       •       •       0.01       •       •       0.01       •       •       0.01       •       0.01       •       •       0.01       •       •       0.01       •       •       0.01       •       •       0.01       •       0.01       •       •       0.01       •       •       0.01       •       •       0.01       •       •       0.01       •       •       0.01       •       0.01       •       •       •       0.01       •       •       •       0.01       •       •       0.01       •	Who have Already Harvested	<b>₹</b> -1	50.00	•	•	1	50.00	,	,	•	•	•	•	<del>, , ,</del>	50.00
<ul> <li>Planted Area (rai/grower)<sup>u</sup></li> <li>Planted Area (rai/HH) / devided by restondant</li> <li>Planted Area (rai/HH) / devided by restondant</li> <li>Average Yield (kg /rai/year)</li> <li>Average Yield (kg /rai/year)</li> <li>(Home Consumption)</li> </ul>	Who have No Production	-	50.00	¢	•	1	50,00	'		•	3	,	•	7	50.00
Planted Area (ral/HH) devided by respindent     30.00     Average Yield (kg /rai/year)     (Home Consumption)     (Home Consumption)	<ul> <li>Planted Area (rai/grower)<sup>1/</sup></li> </ul>	1.0	Q	1		1.0	9	',		' '				- U.	Q
Average Yield (kg./rai/year) 30.00 - 30.00		0.	.8			Description of the second									
(Home Consumption)	<ul> <li>Average Yield (kg /rai/year)</li> </ul>	30.	00			30.0	8	ı				ł		30.1	8
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Number of Respondents	24	100.00	26	100.00	20	100.00	20	100.00	10	100.00	30	100.00	80	100.00
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<ul> <li>Luang Bai Tuy</li> </ul>	ţ	50.00	•	•	1	50.00			-	1	,	-		20.00
4.2 Longan														
<ul> <li>Number of Growers</li> </ul>	ı	•	1	3.85	<b>4</b> -4	5.00	٠	'	ſ	1	•	•	-	1.25
<ul> <li>Planted Area (rai/grower) : devided by grower</li> </ul>			1.00	0	1.1	1.00								
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<ul> <li>Average Yield (ton/rai/year)</li> </ul>	• -		0.50	3 -	6	0.5U						_	5	3
<ul> <li>Water Usage Type</li> </ul>														00 000
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<ul> <li>Varieties</li> </ul>													•	
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Direa	24	3									,				•
	Number of Respondents	<ul><li>4.3 Acacia</li><li>a Number of Growers</li></ul>	<ul> <li>Planted Area (rai/grower) : devided by grower</li> </ul>	is that they were the they are they also by as pointed as	<ul> <li>Average Yield (grasp/rai/year)</li> </ul>	Water Usage Type     Doin food		a Varieties	Unidentified	4.4 Elaeocarpas - Number of Growers	- Planted Area (rai/mower) - devided by drower	64	<ul> <li>Water Usage Type</li> </ul>	<ul> <li>Rain-fed</li> <li>Average Yield (ton/rai/year)</li> </ul>	<ul> <li>Varieties</li> <li>Unidentified</li> </ul>

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Number of Respondents	24	100.00	26 26	100.00	20	100.00	8	100.00	10	100.00	R S	100,00	8	100.00
<ul><li>4.5 Bamboo</li><li>Number of Growers</li></ul>	•		-	3.85		2.00	,		'	1	,	,		1.25
<ul> <li>Planted Area (rai/grower) : devided by grower</li> </ul>	, 		- 2:00		5.00			,	•		•		نی •	2.00 2.00
						9.00 S								000
<ul> <li>Average Yield (ton/rai/year)</li> <li>Water Usage Type</li> </ul>			0.60	Q	0.60	8 <u> </u>		,	-	,		. —	<u>с</u>	0.60
Rain-fed	I	,	4	100.00	1	100.00	·	,			'	'	"	100.00
<ul> <li>Varietinger relation and an interval in the second s</li></ul>													1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
• Tong		,		100.00	1	100.00	e	ı	ı	•	,	,	-	100.00
4.6 Mango														
<ul> <li>Number of Growers</li> </ul>	1	4.17		3.85	3	4.00	1	•	·	•	'	'	2	2.50
<ul> <li>Planted Area (rai/grower) : devided by grower</li> </ul>	5.00	8	17.00	8	11.00	8					1		11	11.00
		Ъ.											5 0.2g	0
<ul> <li>Average Yield (ton/rai/year)</li> </ul>	- 1.00	8 -	1.00		1.00	8 -	`,							00. <b>–</b>
<ul> <li>Water Usage Type</li> </ul>	•	0 00 00		200	ç	100 M							~	100.00
<ul> <li>Average here (Average (A) (A) (A) (A) (A) (A) (A) (A) (A) (A)</li></ul>														_00
<ul> <li>Chok A-nan</li> </ul>	,	ı	1	100.00	1	50.00	1	,	ſ	,	,	•	1	50.00
Nam Dok Mai	1	100.00	1	100.00	2	100.00	1	,	1	I	\$	1	6	100.00
<ul> <li>Kaew Sawoei</li> </ul>	<b>.</b> →	100.00	-	100.00	2	100.00	,	•	,	1	•	'	2	100.00
<ul> <li>Nang Klang Wan</li> </ul>	1	,	Ţ	100.00		50.00				•	1	•	1	50.00
5. Ornamental (Marigold)														

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otal	14 14	100.00	3.33	5 2000 - 100 336	100.00 336	100.00
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	S. S. Salar	Number of Respondents	<ul> <li>Number of Growers</li> </ul>	<ul> <li>Planted Area (rai/grower) : devided by grower</li> <li>Planted Area (rai/HH3): devided by respondents</li> <li>Average Yield (flower/rai/year)</li> </ul>	<ul> <li>Water Usage Type</li> <li>Irrigation</li> <li>Avarage Yield (on Tavyean)</li> </ul>	American Marigold Soveriegn

SERIOUS PROBLEMS ON AGRICULTURE AND FARMER'S NEED FOR EXTENSION SERVICE

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			Number of		A CONTRACTOR						Number States	*	Jadamin	*
Number of Respondents	24	100.00	26	100.00	50	100.00	20	100.00	10	100.00	30	100.00	8	100.00
1. Serious Problems on Agriculture														
1.1 The First Order								1			c	to c	ç	04 E0
<ul> <li>Insufficient water for cultivation</li> </ul>	<del>о</del> ,	37.50	1	42.31	5	40.00	N 0	10:01	1 C	, no ne	7 1	0.07 36.67	3 8	35.00
<ul> <li>Low price of production/Low income</li> </ul>	<u>5</u> (	41.67		20.92	- r		0	3. ľ		20.00		6.67	ე თ. 	11.25
<ul> <li>High price of inputs (e.g., seedling)</li> </ul>	ņ	NG:71	<del>,</del>	10.00 3 RF		200	,		1 1	'		ı	-1	1.25
	-	417		•	- +	2.00	1	·	1	•	1	00.0	1	1.25
LOW yield providing	44	4.17		3.85	2	4.00	'	,	1	10.00	**1	3.33	'n	3.75
<ul> <li>Timsed arrivation cov</li> <li>Timsed arrivation area due to insufficient water</li> </ul>	1	1	1	3.85	1	2.00	,	•	•	•	•	ı	<b>F1</b>	1.25
for musitive of the staticide	ı	•	1	3.85		2.00	1	5.00	,	,	-	3.33	2	2.50
- Problem on nH value of soil most soil guality	,	1	•	•	,	•	2	10.00	3	30.00	വ	16.67	ß	6.25
<ul> <li>Flood problem</li> </ul>	I	,	,	•	•	•	7	35.00	1	10.00	ø	26.67	œ	10.00
1.2 The Second Order													α	00.01
<ul> <li>Insufficient water for cultivation</li> </ul>	e	12.50	ഹ	19.23		16.00	· .	or oo	• •		' u	- UU UC	οά	22 EU
<ul> <li>Low price of production/Low income</li> </ul>	9	25.00	ω i	23.08		24.00	n r	00.65	1 0	20.01	о <del>о</del>	30.00	27	33.75
<ul> <li>High price of inputs (e.g., seedling)</li> </ul>	11 (	45.83	× •	20.92	2 r	00.00 90.00		10.00	3 6	20.00		13.33		8.75
<ul> <li>Pest problem</li> </ul>	- v -	0.33	→ <del>,</del>	385	0 01	4.00	, ,			,	,	,	2	2.50
<ul> <li>Low yield property</li> </ul>	4 I	, '		3.85	1	2.00	,	'	•	,	4	ſ	1	1.25
<ul> <li>Lack of Interstitetic vost</li> <li>Tools of Jahor too (femily and hise lahor)</li> </ul>	-	4.17	ı	1		2.00	'	1	•	•	1	I	7	1.25
<ul> <li>Lack of factor decidanting and more career, [factored acrimiting] area this to institution water</li> </ul>			1	3.85	1	2.00	,	•	,	,		,	1	1.25
Markating making making manual	,	,	Ļ	3.85	1	2.00	•	•	'	,	•	ŀ	1	1.25
<ul> <li>Prohlem on nH value of soil provide soil guality</li> </ul>	,	,	•	ı		•	1	5.00		10.00	2	6.67	2	2.50
Unclean water contaminated with iron/	•	'	4	•	,	'	വ	25.00	5	20.00	2	23.33	٢	8.75
Poor water quality														
<ul> <li>Flood problem</li> </ul>	,	•	1	•	,	•	1	•	2	20.00	5	6.67		Z.50
Not specified	1	,	e	11.54	ы	6.00	'	ı			•	•	ო	3.75

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		Direct		())))))))))))))))			e Selo:				a	ub-Total		ţa ,
	Number		With Iter				Ann bar		And the second se		Southor Markey	8 - 1 1	Number	125.6
Number of Respondents	24	100.00	26	100.00	23	100.00	50	100.00	10	100.00	30	100.00	80	100.00
1.3 The Third Order														
<ul> <li>Insufficient water for cultivation</li> </ul>	വ	20.83	e	11.54	80	16.00	5	25.00	1	10.00	9	20.00	14	17.50
<ul> <li>Low price of production/Low income</li> </ul>	4	16.67	9	23.08	10	20.00	4	20.00	4	40.00	00	26.67	18	22.50
<ul> <li>High price of inputs (e.g., seedling)</li> </ul>	9	25.00	8	30.77	14	28.00	ę	30.00	,	ı	9	20.00	20	25.00
<ul> <li>Pest problem</li> </ul>	1	4.17	1	3.85	2	4.00	Ŧ	•	1	10.00	T.	3.33	с	3.75
<ul> <li>Lack of channel/knowledge for livestock activity</li> </ul>	1	4.17	,	ı	1	2.00	ı	ı	1	ı	ı	ı	1	1.25
<ul> <li>Lack of labor use (family and hire labor)</li> </ul>	ı	ı	1	3.85	4	2.00	1	ı	ı	1	ı	I	1	1.25
<ul> <li>Natural disnaste</li> </ul>	1	4.17	•	١	1	2.00	,	ı	ı	1	1	1		1.25
- Unused agricultural area due to insufficient water	1	4.17	ı	I	1	2.00	1	ı	ı	ı	ŀ	I	4	1.25
<ul> <li>Lack of agricultural extension</li> </ul>	2	8.33	ц.	3.85	ю	6.00	•		,	1	ſ	ı	ы	3.75
<ul> <li>Marketing problem/ Over supply</li> </ul>	I	ı	•	,	ı	•	4	5.00	1	'	1	3.33	1	1.25
<ul> <li>Low quality of pesticide</li> </ul>	ı	I	1	3.85	1	2.00	•	ı	•	ı	٠	,	1	1.25
<ul> <li>Problem on pH value of soil' poor soil quality</li> </ul>	ı	•	ı	ı	ı	'	2	10.00	е	30.00	ß	16.67	വ	6.25
<ul> <li>Unclean water contaminated with iron/</li> </ul>	1	ł	·	1	ı	ı	•	٢	1	10.00	1	3.33	1	1.25
Poor water quality														
<ul> <li>Not specified</li> </ul>	т	12.50	ß	19.23	œ	16.00	2	10.00	,		7	6.67	10	12.50
								_						

	Service of the		Ban Nong Chol	ng Chok		A Sector	的能力的	No. (1994)	A. Bani Tha Phayom	AC HON WAR	Maria Star	2 . S		
a second the second	A Cobirect		為Possible	Solution of the	AUST IN S		Sheri (Direc		and Possible	Thursday I		otal Ali	E State	otal :
	k. Beneficiari		No. Contraction						internet in					101 A
					Minust .								Number	
Number of Respondents	24	100.00	26	100.00	20	100.00	20	100.00	10	100.00	30	100.00	8	100.00
2. Farmer's Need for Extension Service									i					
2.1 The First Order														
<ul> <li>Marketing system improvement (yield, guaranteed</li> </ul>		•	1	4	I	I	<b>4</b>	5.00	'	,	1	3.33	-	1.25
price, farmer group setting to gain negotiation power)														1
<ul> <li>Recommendation on cattle feeding / fishery culture</li> </ul>	4	16.67	е	11.54	6	14.00	e	15.00	e	30.00	9	20.00	13	16.25
<ul> <li>Provide seedling to the farmer</li> </ul>	5	20.83	с Г	11.54	8	16.00	2	10.00	1	10.00	e	10.00	11	13.75
<ul> <li>Sell inputs with low price to the farmer (fertilizer</li> </ul>	1	4.17	£		1	2.00		5.00	1	10.00	2	6.67	e	3.75
and pesticide)											,			C L
<ul> <li>Suggestion on soil improvement</li> </ul>	e	12.50	I	ł	e	6.00	1	5.00	I	,	-	3.33	4	P.U
<ul> <li>Breed stock lending</li> </ul>	1	4.17	ю	11.54	4	8.00	e	15.00	1	10.00	4	13.33	80	10.00
<ul> <li>Suggestion on crop investment/planting to meet</li> </ul>		4.17		1	**	2.00	•	ı		•	•	i	रूम	1.25
with demand (e.g. economic crop)											•	ç	c	03 0
<ul> <li>To support the village fund</li> </ul>		•	1	3.85		5.00	-1	5.00	•	•		3.33	N 1	NG 7
<ul> <li>To solve problem on insufficient water/ to increase</li> </ul>	1		-	3.85	1	2.00	,	•		10.00	~-	3.33	~	2.50
water sources/ irrigation system/ canal dredging											•	ç	ç	16.00
<ul> <li>Corp zoning</li> </ul>	~	29.17	4	15.38	11	22.00	- 	2:00	1	*	1	00.5	¥ *	1 2E
<ul> <li>Advise on crop production processing</li> </ul>	1	•	1	3.85	1	2.00	•	,		•			- (	0.1
<ul> <li>Advise on compost/ bio fertilizet making</li> </ul>	,		2	7.69	3	4.00		ł	•	*	• •		<b>v</b> v	00-3 7
<ul> <li>Advise on pest control by bio-technology</li> </ul>	1	4.17	1	3.85	23	4.00	m	15.00	е 	30.00	Q	20.00	ω	10.00
<ul> <li>To solve problem on water contaminated with ion</li> </ul>	I	ſ	•	ı	•	,	63	10.00	1	!	2	6.67	7	7.50
• Extension for mushroom growing		4.17	വ	19.23	9	12.00	2	10.00	1	,	2	6.67	ω	10.00
• To advise on how to decrease investment cost for		1	1	3.85	<b>*</b>	2.00	1	ı	•	I	1	1		1.25
farmer													-	1 <b>2</b> 5
- Mot emerified	,	1	1	3.85		2.00	•	'	•	•	'	•	-	C7-1

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			Ban No	in the second						de Phayom				
and a state of the second s Second second	Beneficiaries	Beneficiaries	Possibile Benetic				Benefi	a Direct	standard and a second sec	Semires: Militari	Sub-	TOTAL		gal
	imber	1. S	Number				Munber				Number	<b>X</b>	Number	6
				C it										のための
Number of Respondents	24	100.00	26	100.00	50	100.00	20	100.00	8	100.00	8	100.00	80	100.00
2.2 The Second Order														
<ul> <li>Marketing system improvement (yield, guaranteed</li> </ul>	2	8.33	2	7.69	4	8.00	ħ	20.00	I	1	4	13.33	œ	10.00
price, farmer group setting to gain negotiation power)														
<ul> <li>Recommendation on cattle feeding / fishery culture</li> </ul>		29.17	6	34.62	16	32.00	1	5.00	1	10.00	5	6.67	18	22.50
<ul> <li>To provide seedling to the farmer</li> </ul>	1	4.17	<del>, 1</del>	3.85	2	4.00	,	,	'	ı	,	•	5	2.50
<ul> <li>To sell agricultural inputs with low price to the farmer</li> </ul>	m	12.50	ę	11.54	ç	12.00	73	10.00	1	10.00	ლ 	10.00	ი 	11.25
(fertilizer and pesticide)													1	:
<ul> <li>Suggestion on soil improvement</li> </ul>	1	·		,	•	1	2	10.00	en .	30.00	ى 	16.67	ഹ	6.25
<ul> <li>Breedstack lending</li> </ul>	4	1	4	3.85	-	2.00	•	•	•	'	k	•		1.25
<ul> <li>Suggestion on crop investment/planting to meet</li> </ul>	1	4.17	1	,	1	2.00	•	•	•	1	•	1		1.25
with demand (e.g. economic crop)								1	•			20 v	(	
<ul> <li>To support the village fund</li> </ul>	e	12.50	-1	3.85	4	8.00	1	5.00	-	00.01		/0.0	0	no. /
<ul> <li>To solve problem on insufficient water/ to increase</li> </ul>	,	1	n	11.54	ო	6.00	•	'	'	'	'	•	m 	3.75
water sources/ irrigation system/ canal dredging													•	10.1
Corp zoning	-	4.17	•	,		2.00	•	•	•	•		' ¦	<u> </u>	67 T
Demonstration plot (e.g., pineappie / com / vegetable	'	I	•	'	•	•	-	5.00	1	10.00	5	6.67	7	7.50
and crop rotation planting)													-	u •
<ul> <li>To give knowledge on pest control</li> </ul>	-1	4.17	•	1		2.00		•	1	1		•		07.1 1
<ul> <li>Advise on crop production processing</li> </ul>	ſ	•		3.85	₹	2.00	•	•	•	' !		' <u>;</u>		I.20
<ul> <li>Advise on compost/ bio fertilizer making</li> </ul>	***	4.17	7	7.69	m	6.00	•	•		10.00	(	55.5 1997	d" (	0.0
<ul> <li>Advise on pest control by bio-technology</li> </ul>	'	,	•	•		'	2	10.00	٩	•	2	6.6/	7	ne:7
<ul> <li>Extension for orchard/crop planting</li> </ul>	2	8.33	7	7.69	4	8.00	ო	15.00	'	'	en en	10.00	~	8.75
<ul> <li>Extension for mushroom growing</li> </ul>	,	'	1	ſ	1	•	,	ı	•	•	• •	' ;; ;	•	
<ul> <li>To advise on how to decrease investment cost for</li> </ul>	•	'	1	'	1	•	-	5.00	•	,	-	5.33		67°T
farmer							,	1	4	0000	L	- - 	¢	10.00
<ul> <li>Not specified</li> </ul>	2	8.33	1	3.85	ω	<del>6</del> .00	m	15.00	2	20.02	٥ 	10.0/	0	10.00

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and the second secon							e L					Idef(		5
	e (. 1			(Guinto a										
	No. 19 A		Vinnie		Atomics 1		Autoria Autoria				A de la construcción Las des des des			
Number of Respondents	24	100.00	26	100.00	23	100.00	20	100.00	10	100.00	30	100.00	08	100.00
2.3 The Third Order														
<ul> <li>Marketing system improvement (yield, guaranteed</li> </ul>	ß	20.83	2	7.69	7	14.00	2	10.00	٠	,	2	6.67	6	11.25
price, farmer group setting to gain negotiation power)														
<ul> <li>Recommendation on cattle feeding / fishery culture</li> </ul>	1	4.17	ю	11.54	4	8.00	,	,		'		,	4	5.00
<ul> <li>To provide seedling to the farmer</li> </ul>	1	4.17	۰	ı	1	2.00	1	£	٠	1	,	,	<del>.</del> 1	1.25
• To sell agricultural inputs with low price to the farmer	3	8.33	3	11.54	5	10.00	1	ł	7	20.00	5	6.67	2	8.75
(fertilizer and pesticide)														
<ul> <li>Suggestion on soil improvement</li> </ul>	1	4.17	ı	•	1	2.00	2	10.00	1	10.00	e	10.00	4	5.00
<ul> <li>Suggestion on crop investment/planting to meet</li> </ul>	ı	ı	•	1			-1	5.00	•	'	1	3.33	1	1.25
with demand (e.g. economic crop)														
<ul> <li>To support the village fund</li> </ul>	en .	12.50	1	3.85	4	8.00		5.00	٠	ı	-	3.33	ູດ	6.25
<ul> <li>To solve problem on insufficient water/ to increase</li> </ul>		4.17	·	ı	1	2.00		5.00	·	1	1	3.33	2	2.50
water sources/ irrigation system/ canal dredging														
<ul> <li>Demonstration plot (e.g., pineapple / corn / vegetable</li> </ul>	2	8.33	•	•	2	4.00	ı	i		10.00	"	3.33	n	3.75
and crop rotation planting)														
<ul> <li>To give knowledge on pest control</li> </ul>	ı	,	1	3.85	1	2.00	4	5.00	1	10.00	2	6.67	ы	3.75
<ul> <li>Advise on ctop production processing</li> </ul>	1	ı	2	7.69	~	4.00	m	15.00	١	I	ო	10.00	5	6.25
<ul> <li>Advise on compost/ bio-fertilizer making</li> </ul>	1	4.17	ę	11.54	4	8.00		,	I	,	1	1	ব	5,00
<ul> <li>Advise on pest control by bio-technology</li> </ul>	•		•	٠	1	,	1	1	1	10.00	<b>4</b> 1	3.33		1.25
<ul> <li>To solve problem on water contaminated with ion</li> </ul>		ı	,	,	,	,		5.00	<del>ب</del>	10.00	5	6.67	5	2.50
<ul> <li>Extension for orchard/crop planting</li> </ul>		1	2	7.69	5	4.00	-1	5.00	,	ł	1	3.33	ო	3.75
<ul> <li>Not specified</li> </ul>	7	29.17	ი	34.62	16	32.00	7	35.00	ю	30.00	10	33.33	26	32.50
													1	

DIVERSIFIED CROP INCASE OF INCREASING MORE WATER SUPPLY FOR CULTIVATION

Interview         Provident (1)         Provident (1				o Blank	d choice					Bantina	hayom		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		Benefic		annin ogan	Auffine Service Service			Z Benéfi	act ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (	Pošelbio Postali Benefic		L dis	0.61 1	2	a
$N_{0}$ <				No.mby H		Number of		Number		NICEDBR			<u> </u>	Number	%
	Number of Respondents	24	100.00	26	100.00	50	100.00	20	100.00	5	100.00	30	100.00	80	100.00
No		ι	500	i. T	02 60	Qc		ű	Sn On	ć	60 00	12	40.00	32	40.00
Total Deversity Aree (rai)       939       939       933       954       622 $24^4$ 567       823       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       833       627       637       933       633       637       633       637       637	No Vec	τ 10 τ	20.83 79.17	91 11	42.31	3 8	60.09	14 o	70.00	4	40.00	18	60.00	87	60.00
Crop Diversified         Crop Diversified         17         66.38 $27$ 54.00         15         75.00         10         100.000         25         83.33         52 $\cdot$ No	Total Diversify Area (rai)							6.9	32	- 2.4	-	- 2.8	7	8	1
Sugar care         Sugar care         10         4157         17         66.38         27         54.00         15         75.00         10         10000         25         18.33         22           • Vee															
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$						ļ	2	Ļ	5	ç	00.001	οC	00 22	ŝ	65.00
	• No	10	41.67	17	65.38	27	24.00	15	00.9/	DI	100.001	67	00.00 	70	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	<ul> <li>Yes</li> </ul>	14	58.33	თ	34.62	53	46.00	۵	25.00	,	1	ۍ ا	16.67	28	35.00
4       2857       1       11.11       5 $2.1.74$ $\cdot$ <t< td=""><td>New Crop and Variety Want to Diversify</td><td></td><td></td><td></td><td></td><td></td><td>i</td><td></td><td></td><td></td><td></td><td></td><td></td><td>u</td><td>17 05</td></t<>	New Crop and Variety Want to Diversify						i							u	17 05
• Tadam Vegetable• Tadam• 1 $100.00$ $1$ $100.00$ $5$ $100.00$ $2$ $100.00$ $2$ $100.00$ $2$ $40.00$ $2$ $40.00$ $9$ $1$ Vegetable• Unidentified• T $33.71$ $2$ $22.22$ $7$ $30.43$ $2$ $40.00$ $9$ $1$ • Unidentified• Unidentified $3$ $21.43$ $2$ $100.00$ $2$ $100.00$ $2$ $100.00$ $2$ $100.00$ • Unidentified $7$ $100.00$ $2$ $100.00$ $2$ $100.00$ $2$ $100.00$ $2$ $100.00$ • Unidentified $7$ $100.00$ $2$ $100.00$ $2$ $100.00$ $2$ $100.00$ $2$ $100.00$ • Unidentified $7$ $100.00$ $2$ $100.00$ $2$ $100.00$ $2$ $100.00$ $2$ $100.00$ • Nucy Grass $1$ $17.39$ $2$ $22.222$ $4$ $17.39$ $2$ $2$ $2$ $2$ • Nucy Grass $1$ $100.00$ $2$ $100.00$ $3$ $75.00$ $2$ $2$ $2$ $2$ $2$ $100.00$ • Nucy Grass $1$ $11111$ $1$ $4.35$ $2$ $2$ $2$ $2$ $2$ $100.00$ • Unidentified $2$ $100.00$ $3$ $75.00$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ • Unidentified $2$ $1$ $11111$ $1$ $4.35$ $2$ $2$ $2$ $2$ $2$ <	Pineapple	4	28.57	-	11.11	ф	21.74	•	I	ı	ı	1	1	0	11.00
Vegetable5 $3571$ 2 $2222$ 7 $30.43$ 2 $40.00$ -2 $40.00$ 9• Unidentified6100.002100.007100.002100.0091• Unidentified7100.002100.002100.002100.0091• Unidentified7100.002100.002100.002222• Unidentified7100.002100.0022221• Unidentified7100.002100.002124• Unidentified153100.002100.002122• Nucy Grass15002100.00375.0021231• Nucy Grass150002100.00375.002111• Unidentified-12100.00375.002111• Unidentified1114.35231• Unidentified11114.3511• Nuce rise1111111111• Nuce rise111111111 <td>• Tadam</td> <td>4</td> <td>100.00</td> <td>1</td> <td>100.00</td> <td>20</td> <td>100.00</td> <td>,</td> <td>t</td> <td>ı</td> <td>ŗ</td> <td>· ,</td> <td>' ()</td> <td>، م</td> <td>100.00</td>	• Tadam	4	100.00	1	100.00	20	100.00	,	t	ı	ŗ	· ,	' ()	، م	100.00
• Unidentified       • Unidentified $2$ 100.00 $2$ 100.00 $2$ 100.00 $2$ 100.00 $2$ 100.00 $2$ 100.00 $2$ 100.00 $2$ 100.00 $2$ 100.00 $2$ 100.00 $2$ 100.00 $2$ 100.00 $2$ 100.00 $2$ 100.00 $2$ 100.00 $2$ 100.00 $2$ 100.00 $2$ 100.00 $2$ 100.00 $2$ 100.00 $2$ 100.00 $2$ 100.00 $2$ 100.00 $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ <	Vegetable	ß	35.71	7	22.22	2	30.43	2	40.00	,	,	7 0	40.00	ס ת	32.14
Vegetable + Fineapple3 $21.43$ $23.42.86                                                                                                                                                                 -$	Unidentified	5	100.00	73	100.00	2	100.00	2	100.00	1	ı	N	100.001	<b>"</b>	100.00
entified + Tadam3100.00-3100.003100.0031 $^{\prime}$ Grass214.29222.22417.394 $^{\prime}$ Grass150.00-125.004 $^{\prime}$ Bie + Maize150.002100.00375.0011 $^{\prime}$ bie + Maize-111.1114.3511 $^{\prime}$ Dia 2 + Unidentified1100.0011 $^{\prime}$ Dia 2 + Unidentified11.1.1114.3511 $^{\prime}$ Dia 2 + Unidentified11.1.1114.3511 $^{\prime}$ Dia 2 + Unidentified11.1.1114.3511 $^{\prime}$ Dia 211.1.11114.35111 $^{\prime}$ Dia 211.1.111111.1.1111.1.1111111111 $^{\prime}$ Dia 2111.1.1111111111111111111111		ю	21.43		•	ო	42.86	1	1	•	I	i	ŀ		10./1
Z       14.29       Z       2.2.22       4       17.39       -       -       -       -       -       -       4         entified       1       50.00       -       1       25.00       -       -       -       1       1         ble + Maize       -       1       11.11       1       25.00       -       -       -       1       1         als + Vnidentified       -       -       1       11.11       1       4.35       -       -       -       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1	<ul> <li>Unidentified + Tadam</li> </ul>	e	100.00			<del>с</del>	100.00	ı	1	•	4	I	s.		100.00
• Rucy Grass       1 $50.00$ -       -       1 $25.00$ -       -       1 $25.00$ -       -       1       1         • Unidentified       1 $50.00$ 2 $100.00$ 3 $75.00$ -       -       -       1       1         • Unidentified       -       1 $11.11$ 1 $4.35$ -       -       -       1       1         • Suwan 2 + Unidentified       -       -       1 $11.11$ 1 $4.35$ -       -       -       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1<	<ul> <li>Pasture</li> </ul>	2	14.29	2	22.22	4	17.39		1	•	I	ı		4	14.29
Unidentified       1       50.00       2       100.00       3       75.00       -       -       -       -       -       3         Vegetable + Maize       -       -       1       11.11       1 $4.35$ -       -       -       1       1       1         Vegetable + Maize       -       -       1       11.11       1 $4.35$ -       -       -       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1 <t< td=""><td>Rucy Grass</td><td><del>4</del>-1</td><td>50.00</td><td>,</td><td>1</td><td></td><td>25.00</td><td>٠</td><td>ı</td><td></td><td>ı</td><td>ı</td><td>ı</td><td>1</td><td>25.00</td></t<>	Rucy Grass	<del>4</del> -1	50.00	,	1		25.00	٠	ı		ı	ı	ı	1	25.00
Vegetable + Maize       -       1       11.11       1       4.35       -       -       -       1         • Vegetable + Maize       -       -       1       11.11       1       4.35       -       -       -       1         • Suwan 2 + Unidentified       -       -       1       100.00       1       100.00       -       -       1       1         Baby Corn       -       1       11.11       1       4.35       -       -       -       1       1	Unidentified	£4	50.00	2	100.00	en en	75.00	·	ı	,	,	•	ı	en en	75.00
• Suwan 2 + Unidentified       •       •       1       100.00       •       •       •       •       1         Baby Corn       •       •       1       11.11       1       4.35       •       •       •       1       1		,	ı		11.11	Ţ	4.35	ļ	•	,	,	ŗ	•	1	3.57
Baby Corn     -     1     11.11     1     4.35     -     -     -     1       Baby Corn     -     -     1     100.00     1     100.00     -     -     -     1		ŀ	,	1	100.00		100.00		·	ı			ı	1	100.00
	-	I		1	11.11	1	4.35	I	ı	I	•		ı	1	3.57
		1	1		100.00	1	100.00	,	٩	1		I	•	1	100.00

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	non a	et in et in	Served Line	- 110 m	-		a (an an a		Percenti (Manuta)	ite da contra da c			25	
	William State		an a		)))())		Number		(Under		Sector M		Vinite Vie	
Number of Respondents	24	100.00	26	100.00	50	100.00	20	100.00	10	100.00	30	100.00	8	100.00
Sweet Corn		'	1	11.11	1	4.35		•		۰ ۱		'	1	3.57
• Hi Brix - 10	1	ı	1	100.00	-	100.00	r	•		ı	ļ	·	1	100.00
<ul> <li>Vegetable + Ornamental</li> </ul>	1	,	1	11.11	1	4.35	ı		•	1	ı	•	1	3.57
Unidentified	ı		1	100.00	f.	100.00	•	1	ı	,	1		1	100.00
<ul> <li>Asparadus + Paddy</li> </ul>	ı	1		I	•	,	1	20.00	1	1	4	20.00	7	3.57
• UC + Suphan 1		1	ı	ı	•	•	4	100.00	ı	- <del></del>	<del>~-</del> -	100.00	1	100.00
Com + Edg plant	·	•	ł	I	I	1	<del>, , ,</del>	20.00	ı	1	<del>,</del>	20.00		3.57
	ł	•	•	,	ı	•		100.00	,	•	4	100.00	1	100.00
- I one Bean 4 Gimmber		1			ı	ı	1	20.00	•	•	1	20.00	1	3.57
- Inidantified	ı	1	•			1	Ļ	100.00	t	ı	Ļ	100.00	1	100.00
Diversify Area (rai/house)	10	10.50	σ	8.33 1	6	9.65 1	10.00	8			10.00	g	9.71	5
2.2 Pineapple														1
• No	23	95.83	24	92.31	47	94.00	20	100.00	10	100.00	<u>8</u>	100.00	£	96.25
• Yes	1	4.17	~	7.69	m	6.00	•	•	•	•	•	1	ო	3.75
New Crop and Variety Want to Diversify											·			
<ul> <li>Baby Corn</li> </ul>	1	100.00	1	50.00	3	66.67	1	•		،	ı		2	66.67
Unidentified	4	100.00	4	100.00	3	100.00		ı	ı	,	I	I	2	100.00
Sucrat cable	'	1	1	50.00	4	33.33	ı	I	ı	'	1	ı	1	33,33
• K-92	ı	,	Ļ	100.00		100.00	ı		I	•		'	1	100.00
Diversify Area (rai/house)	ğ	10.00	ri	3.75	ی	5.83							5	5.83
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				1						and the second				
			Contractory of the Contractory of t	and the second					Nungity structured					
	No. 15				Junite				Multiple		Number States		Number	
Number of Respondents	24	100.00	26	100.00	50	100.00	20	100.00	10	100.00	30	100.00	80	100.00
2.3 Maize														
<ul> <li>No</li> </ul>	24	100.00	25	96.15	49	98.00	20	100.00	10	100.00	30	100.00	62	98.75
• Yes	•	•	1	3.85	-	2.00	1	•	I			·	1	1.25
New Crop and Variety Want to Diversify														
<ul> <li>Asparagus</li> </ul>	•	•	Ţ	100.00	1	100.00	•	1	,	•	a	ı	1	100.00
Boxinbood	ſ	ı	-	100.00	1	100.00	•	1	'	1	•		1	100.00
Diversity Area (rai/house)			2.50	- 12 -	2.50	8			'		·		2	2.50
2.4 Cucumber									!		:		Ē	
<ul> <li>No</li> </ul>	23	95.83	26	100.00	49	<u> 38.00</u>	8	100.00	10	100.00	30	100.00	R/	c/ .96 .
<ul> <li>Yes</li> </ul>		4.17	I	,	1	2.00	ı	1	•	•	,	ı	-	1.25
New Crop and Variety Want to Diversify													•	00 00 1
<ul> <li>Long Bean</li> </ul>	-	100.00	4	۰	<b>e</b> -4	100.00	•	•	1	4	Î	•		100.00
Sorn Daeng	1	100.00	•	1		100.00	,	•	•	•	ı	,		100.00
Diversify Area (rai/house)	দ	4.00	•		4	4.00 L	1		,				4	4.00
2.5 Pasture											1		č	
No No	22	91.67	26	100.00	48	8. 8	20	100.00	10	100.00	30	100.00	χ, (	97.50
<ul> <li>Yes</li> </ul>	7	8.33	•	•	2	4.00	t	ŧ	•	ı	•	•	2	7.50
New Crop and Variety Want to Diversify														00.001
<ul> <li>Pineapple</li> </ul>	2	100.00	ı	•	2	100.00	,	I	ı	•	1	'	2	100.001
Tadam	8	100.00	٠	•	8	100.00	,		1	1	I	، 	0	100.00
Diversify Area (rai/house)	4	4.00	·		4	4.00							4	4.00

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TABLE 7 (

			All and a line of the second sec	and Andre Britericanos Gan Britericanos Gan Britericanos					torial states					8
vstrave for the spondents	24	100.00	26	100.00	20	100.00	20	100.00	10	100.00	30	100.00	8	100.00
<ul><li>2.6 Land Lease out to Other</li><li>No</li></ul>	24	100.00	25	96.15 2.15	49	98.00 2.00	20	100.00	10	100.00	90 1	100.00	79	98.75 1.25
• Yes	•	۰	-	3.85	T	M.2	ı							
New Crop and Variety Want to Diversify - Dimensionle	ţ		1	100.00	<del>~ 1</del>	100.00	1	ı	,	1	٠	1	÷4	100.00
• Tadam	'	•	<b>6</b> -1	100.00	1	100.00	•	,	ı	•		•	-	100.00
Diversity Area (rai/house)			13.	13.25	13	13.25					•		1	13.25
2.7 Galingale							:		ç		ç		02	08 76
<ul> <li>No</li> </ul>	23	95.83	26	100.00	49	00 <sup>.</sup> 86	50	100.00	10	00.001	D.	107:00		20,00
- Yes		4.17	ł	(	1	5.00	•	1		L	•	1		GZ.I
New Crop and Variety Want to Diversify														0000
<ul> <li>Chilli</li> </ul>		100.00	ı	,		100.00	•		•	1	1	,	-	100.001
• Karen	1	100.00	•	•		100.00	•		ı	•	•	۰ ــــــ		100.00
Diversify Area (rai/house)	4	4.00		_	4	4.00							4.	4.00
2.8 Used Land (Free of Charge)									9	00 001	5		02	08 7F
• No	53	95.83	26	100.00	49	00 <sup>.</sup>	8	100.00	10	100.001	₹ 	100.001		20.7.0 20.7.0
- Yes		4.17	•	•		5.00	1	۱ 	1	•	•			67-1
New Crop and Variety Want to Diversify													•	100 001
<ul> <li>Longan</li> </ul>		100.00	ı	'	1	100.00			1			ı		100.00
• I-dor	-	100.00	•	•		100.00		۱ 	۰	•	•	•	-	1 100.00
Diversify Area (rai/house)		11.00			1	11.00								00.11

									4. 1					
									so, 12, Samo Isanya (Isan) Ni Lany, 16, Linut					
Number of Respondents	Number 24	100.00	26 26	100.00	50	100.00	20	100.00	10	100.00	30	100.00	80	100.00
2.9 Mango														
<ul> <li>No</li> </ul>	23	95.83	26	100.00	49	98.00	20	100.00	10	100.00	90	100.00	67	98.75
<ul> <li>Yes</li> </ul>	1	4.17	•	ı		2.00	'n	ł	ı	i	ŗ	•	1	1.25
New Crop and Variety Want to Diversify														00
<ul> <li>Sugar cane</li> </ul>	-	100.00	1	•	7	100.00	1	ı	•	1	,	1	- ,	100.00
• K-92	1	100.00	ı	•	7	100.00	,	ı	•	,			-	100.00
Diversify Area (rai/house)	1.	1.00			1.00	8 _	• -		- -		, –		00 <b>-</b>	2
2.10 Pumpkin											ç	5000	C	C L C
No -	23	95.83	26	100.00	49	98.00	19	95.00	10	100.00	29	96.67	8/	00.78
- Yes		4.17		'	1	2.00	-	5.00	1	1	1	3.33	2	2.50
New Crop and Variety Want to Diversify													•	L0 00
<ul> <li>Sugar cane</li> </ul>	1	100.00	•	•	<del>~</del> -4	100.00	,			1	1	•	- •	00.00
• K-92		100.00	ı	'	1	100.00	•	•	•	٠	,	1		100.00
Diversify Area (rai/house)	; ,	1.00	·		- 1:00	0	• •							2
2.11 Corn											į	Ş	ć	01 60
• No	23	95.83	26	100.00	49	88. 00. 00. 00. 00. 00. 00. 00. 00. 00.	19	95.00	10	100.00	53	96.67	8, 0	06.78
• Yes		4.17	•	•	-	5.00	-	5.00	i	1	-	3.33	7	NG:7
New Crop and Variety Want to Diversify													•	
<ul> <li>Sugar cane</li> </ul>	1	100.00	I	•	ŗ	100.00		۴	ŧ	1	*	1	<b>I</b> .	00.00
• K-92	1	100.00		ı	1	100.00	,		1	,	4	•	, ,	100.00
<ul> <li>Paddy</li> </ul>	·	ı	۰	•	·	ı	-	100.00	ı	,	€-1	100.00	ę1	50.00
Jusmint	ı	ı	ı	ı	·	•	1	100.00		ı	₹1	100.00	<del>, 1</del>	100.00
Diversify Area (rai/house)	5.	2.00			2	2.00	2.00	0	• •		2.00	0	- 2.00	g
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		in successions of the	and the states		- (10) 				alati - attigate	in the second	340.1	Part of the second s		
	and Alexandre	te un la c	hund.	kaantelaste			i and	et et a	Association and the second second	(1) (1)				
			Withers Proposition	CINCUP (FIL					TT-25 BEAGE	of the first of the second				
			Number	1	Number .		Annel 1		April 19		Window A		Mundad	
Number of Respondents	24	100.00	26	100.00	20	100.00	20	100.00	10	100.00	30	100.00	80	100.00
2.12 Sweet Corn														
• No	24	100.00	56	100.00	80	100.00	16	80.00	10	100.00	26	86.67	76	95.00
<ul> <li>Yes</li> </ul>	•	1	•	•	1	•	4	20.00	•	ł	4	13.33	4	5.00
New Crop and Variety Want to Diversify														1
<ul> <li>Asparagus + Egg Plant</li> </ul>	•	،	٠	•		ı	<b>.</b>	25.00	1		-	25.00	-	25.00
UC + Nam Yod	'	ı	•	•	1	1	£-11	100.00	•	•		100.00	1	100.00
<ul> <li>Vegetable</li> </ul>	•	'	•	•	•	'	ы	75.00	r	•	9	75.00	en en	75.00
Unidentified		•	,	•	•	•	<del>г</del>	100.00	ı	•	e	100.00	e.)	100.00
Diversity Area (rai/house)		- 1 -					4	4.25 I	'	1	4.2	4.25 	4	4.25
2.13 Baby Corn									•	50	2	0000	ĉ	
■ No	24	100.00	26	100.00	ន	100.00	18	<del>0</del> 0.00	9	60.00	24	80.00	4	NG.28
<ul> <li>Yes</li> </ul>	•	ı	•	٠	•	•	7	10.00	4	40.00	9	20.00	9	7.50
New Crop and Variety Want to Diversify											•		*	10 01
<ul> <li>Paddy</li> </ul>	•	•	•	'	•	·		00.04	ı	ı		10.07	- •	10.00
• Patuin 1	•	·	ſ	•	•	•		100.00	t	۱	<b>-</b>	100.001		16.67
Chilli	•	٠	•	•	•	,	- •	50.00	•	1	-1 -	100.00		100.00
<ul> <li>Karen</li> </ul>	•	•		ı	٢	(	- •	100.001	' <del>,</del>	25.00		16.67		16.67
<ul> <li>Egg Plant + Chilli</li> </ul>	•	•	1	ı	(		•		• -	100.00	I 4-4	100.00	۲	100.00
<ul> <li>Nam Yod + Cham Pee</li> </ul>		•	•	ı					• -	25.00		16.67	1	16.67
<ul> <li>Egg Plant</li> </ul>	•	•	1	•				,	• -	100.00	•	100.00	1	100.00
Nam Yod		•	• •	, ,	• •				. 0	50.00	- 0	33.33	2	33.33
<ul> <li>Vegetable</li> </ul>	•					'		ŗ	2	100.00	7	100.00	2	100.00
Unidentified	•						¥ 	600 600	2.44	4	3.6	1 3.62	Ċ	1 3.62
Diversify Area (rai/house)			-					3 _	j		5	1		

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	No mini		Atoria II		Annia		3000		ABACTOR AL		Dunita			
Number of Respondents	24	100.00	26	100.00	50	100.00	20	100.00	10	100.00	30	100.00	80	100.00
2.14 Idle Land							-							
• No	24	100.00	<b>2</b> 8	100.00	20	100.00	19	95.00	10	100.00	53	96.67	62	98.75
• Yes	ı	,	•	•	٠	ı	éni.	5.00		•	1	3.33	1	1.25
New Crop and Variety Want to Diversify		<u>.</u>												
<ul> <li>Egg Plant + Sweet Corn</li> </ul>	ι	ı	ı	ı	ı	1	1	100.00	•	ı	1	100.00	-	100.00
<ul> <li>Nam Yod + Hy Brix-10</li> </ul>	1	Î	•	•	٠	·	1	100.00		1		100.00	1	100.00
Diversify Area (rai/house)			•		·		- - -	g	, -		<del>6</del>	0	- 00 -	8