APPENDIX

APPENDIX I

STATISTICS ON CROPS GROWN AND SOME PERCEPTIONS OF FARMERS REGARDING THOSE CROPS

CROPS GROWN BY VILLAGE
(ALL FARMERS INTERVIEWED COMBINED)

TYPE	TAN DOK MAI	BAN DEN	KOD PA WAI	DAN MUANG	SAN PA POR	TOTAL
UPLAND RICE	4 9%	11 22%	8 22%	7 19%	5 11%	35 17%
PADDY RICE	0 0%	0 0%	0 0%	3 8%	1 2%	4 2%
COTTON	0 0%	1 2%	0 0%	0 0%	0 0%	1 0%
CORN	6 13%	0 0%	2 5%	13 35%	15 34%	36 17%
MANGO	11 24%	0 0%	0 0%	0 0%	0 0%	11 5%
LYCHEE	0 0%	0 0%	0 0%	1 3%	0 0%	1 0%
ORANGE	0 0%	6 12%	0 0%	0 0%	0 0%	6 3%
POMELO	0 0%	0 0%	0 0%	1 3%	0 0%	1 0%
PIGEON PEA	3 7%	3 6%	0 0%	0 0%	0 0%	6 3%
VELVET BEAN	1 2%	0 0%	0 0%	0 0%	0 0%	1 0%
SOYBEAN	1 2%	3 6%	10 27%	1 3%	1 2%	16 8%
LABLAB BEAN	5 11%	0 0%	1 3%	2 5%	0 0%	8 4%
BLACK BEAN	1 2%	1 2%	4 11%	0 0%	1 2%	7 3%
MUNG BEAN	1 2%	0 0%	1 3%	0 0%	0 0%	2 1%
PEANUT	8 18%	18 37%	3 8%	0 0%	12 27%	41 19%
CASSAVA	0	1	5	0	0	6

ROPS GROWN BY VILLAGE (ALL FARMERS INTERVIEWED COMBINED)
(continued)

TYPE	TAN DOK MAI	BAN DEN	KOD PA WAI	DAN MUANG	SAN PA POR	TOTAL
	0%	2%	14%	0%	0%	3%
LEMON GRASS	0 0%	1 2%	0 0%	0 0%	0 0%	1 0%
SESAME	2 4%	0 0%	0 0%	0 0%	0 0%	2 1%
GINGER	0 0%	1 2%	0 0%	2 5%	7 16%	10 5%
GARLIC	0 0%	0 0%	0 0%	4 11%	0 0%	4 2%
ALINIA	1 2%	0 0%	0 0%	0 0%	0 0%	1 0%
LEUCAENA	0 0%	3 6%	1 3%	1 3%	0 0%	5 2%
ROSELLE	0 0%	0 0%	1 3%	0 0%	0 0%	1 0%
CASSIA	0 0%	0 0%	1 3%	0 0%	0 0%	1 0%
COFFEE	0 0%	0 0%	0 0%	1 3%	0 0%	1 0%
EGGPLANT	0 0%	0 0%	0 0%	1 3%	1 2%	2 1%
MUNG BEAN	1 2%	0 0%	0 0%	0 0%	0 0%	1 0%
GREEN BEAN	0 0%	0 0%	0 0%	0 0%	1 2%	1 0%
TOTAL	45 100%	49 100%	37 100%	37 100%	44 100%	212 100%

YEARS EACH TYPE CROP GROWN
(ALL FARMERS INTERVIEWED COMBINED)

	YEARS				TOTAL
	1 TO 2 YEARS	3 TO 5 YEARS	6 TO 10 YEARS	OVER 10 YEARS	
UPLAND RICE	4 11%	6 17%	4 11%	21 60%	35 100%
PADDY RICE	0 0%	1 25%	1 25%	2 50%	4 100%
COTTON	0 0%	1 100%	0 0%	0 0%	1 100%
CORN	2 6%	11 31%	8 22%	15 42%	36 100%
MANGO	0 0%	4 36%	7 64%	0 0%	11 100%
LYCHEE	0 0%	0 0%	0 0%	1 100%	1 100%
ORANGE	0 0%	0 0%	1 17%	5 83%	6 100%
POMELO	0 0%	0 0%	1 100%	0 0%	1 100%
PIGEON PEA	1 17%	2 33%	1 17%	2 33%	6 100%
VELVET BEAN	0 0%	1 100%	0 0%	0 0%	1 100%
SOYBEAN	4 25%	8 50%	1 6%	3 19%	16 100%
LABLAB BEAN	3 38%	2 25%	3 38%	0 0%	8 100%
BLACK BEAN	0 0%	5 71%	1 14%	1 14%	7 100%
MUNG BEAN	0 0%	1 50%	1 50%	0 0%	2 100%
PEANUT	5 12%	12 29%	9 22%	15 37%	41 100%

YEARS EACH TYPE CROP GROWN
(ALL FARMERS INTERVIEWED COMBINED) (continued)

	YEARS				TOTAL
	1 TO 2 YEARS	3 TO 5 YEARS	6 TO 10 YEARS	OVER 10 YEARS	
CASSAVA	1 17%	4 67%	0 0%	1 17%	6 100%
LEMON GRASS	0 0%	0 0%	0 0%	1 100%	1 100%
SESAME	1 50%	1 50%	0 0%	0 0%	2 100%
GINGER	3 30%	3 30%	3 30%	1 10%	10 100%
GARLIC	1 25%	2 50%	0 0%	1 25%	4 100%
ALINIA	0 0%	1 100%	0 0%	0 0%	1 100%
LEUCAENA	0 0%	2 40%	1 20%	2 40%	5 100%
ROSELLE	0 0%	1 100%	0 0%	0 0%	1 100%
CASSIA	0 0%	0 0%	0 0%	1 100%	1 100%
COFFEE	0 0%	0 0%	1 100%	0 0%	1 100%
EGGPLANT	1 50%	1 50%	0 0%	0 0%	2 100%
MUNG BEAN	0 0%	1 100%	0 0%	0 0%	1 100%
GREEN BEAN	1 100%	0 0%	0 0%	0 0%	1 100%
TOTAL	27 13%	70 33%	43 20%	72 34%	212 100%

PERCEIVED CHANGE IN PRICE BY TYPE OF CROP
(ALL FARMERS INTERVIEWED COMBINED)

	PRICE			TOTAL
	DECREASE	NO CHANGE	INCREASE	
UPLAND RICE	1 4%	7 27%	18 69%	26 100%
PADDY RICE	0 0%	2 50%	2 50%	4 100%
COTTON	0 0%	1 100%	0 0%	1 100%
CORN	3 9%	16 48%	14 42%	33 100%
MANGO	1 25%	1 25%	2 50%	4 100%
LYCHEE	0 0%	1 100%	0 0%	1 100%
ORANGE	4 67%	1 17%	1 17%	6 100%
POMELO	0 0%	1 100%	0 0%	1 100%
SOYBEAN	11 100%	0 0%	0 0%	11 100%
LABLAB BEAN	1 50%	1 50%	0 0%	2 100%
BLACK BEAN	1 17%	1 17%	4 67%	6 100%
MUNG BEAN	1 100%	0 0%	0 0%	1 100%
PEANUT	8 21%	18 47%	12 32%	38 100%
CASSAVA	2 40%	1 20%	2 40%	5 100%

PERCEIVED CHANGE IN PRICE BY TYPE OF CROP
(ALL FARMERS INTERVIEWED COMBINED) (continued)

	PRICE			TOTAL
	DECREASE	NO CHANGE	INCREASE	
SESAME	0 0%	0 0%	2 100%	2 100%
GINGER	1 13%	2 25%	5 63%	8 100%
GARLIC	1 50%	0 0%	1 50%	2 100%
ALINIA	0 0%	0 0%	1 100%	1 100%
LEUCAENA	0 0%	0 0%	1 100%	1 100%
ROSELLE	0 0%	1 100%	0 0%	1 100%
COFFEE	0 0%	1 100%	0 0%	1 100%
EGGPLANT	0 0%	1 50%	1 50%	2 100%
MUNG BEAN	1 100%	0 0%	0 0%	1 100%
TOTAL	36 23%	56 35%	66 42%	158 100%

PERCEIVED CHANGE IN YIELD BY TYPE OF CROP
(ALL FARMERS INTERVIEWED COMBINED)

	YIELD			TOTAL
	DECREASE	NO CHANGE	INCREASE	
UPLAND RICE	7 27%	9 35%	10 38%	26 100%
PADDY RICE	0 0%	1 25%	3 75%	4 100%
COTTON	0 0%	0 0%	1 100%	1 100%
CORN	7 21%	14 42%	12 36%	33 100%
MANGO	2 40%	0 0%	3 60%	5 100%
LYCHEE	1 100%	0 0%	0 0%	1 100%
ORANGE	3 50%	2 33%	1 17%	6 100%
POMELO	0 0%	1 100%	0 0%	1 100%
SOYBEAN	5 45%	3 27%	3 27%	11 100%
LABLAB BEAN	0 0%	1 50%	1 50%	2 100%
BLACK BEAN	0 0%	1 20%	4 80%	5 100%
PEANUT	5 15%	8 24%	21 62%	34 100%
CASSAVA	1 20%	2 40%	2 40%	5 100%
SESAME	0 0%	1 100%	0 0%	1 100%
GINGER	0 0%	3 38%	5 63%	8 100%

PERCEIVED CHANGE IN YIELD BY TYPE OF CROP
(ALL FARMERS INTERVIEWED COMBINED) (continued)

	YIELD			TOTAL
	DECREASE	NO CHANGE	INCREASE	
GARLIC	1 50%	0 0%	1 50%	2 100%
LEUCAENA	0 0%	0 0%	1 100%	1 100%
ROSELLE	0 0%	0 0%	1 100%	1 100%
COFFEE	0 0%	0 0%	1 100%	1 100%
EGGPLANT	1 50%	1 50%	0 0%	2 100%
MUNG BEAN	0 0%	1 100%	0 0%	1 100%
TOTAL	33 22%	48 32%	70 46%	151 100%

PERCEIVED CHANGE IN MARKET PRICE SINCE LAST YEAR BY CROP
(ALL FARMERS INTERVIEWED COMBINED)

	INCREASE	SAME	REDUCED	TOTAL
UPLAND RICE	3 17%	0 0%	0 0%	3 8%
CORN	9 50%	3 19%	2 50%	14 37%
MANGO	3 17%	5 31%	1 25%	9 24%
ORANGE	1 6%	2 13%	0 0%	3 8%
SOYBEAN	1 6%	2 13%	0 0%	3 8%
PEANUT	0 0%	2 13%	0 0%	2 5%
GINGER	0 0%	1 6%	0 0%	1 3%
ALINIA	0 0%	0 0%	1 25%	1 3%
COFFEE	1 6%	1 6%	0 0%	2 5%
TOTAL	18 100%	16 100%	4 100%	38 100%

PERCEIVED CHANGE IN MARKET PRICE SINCE FIVE YEARS AGO BY CROP
(ALL FARMERS INTERVIEWED COMBINED)

	INCREASE	SAME	REDUCED	TOTAL
UPLAND RICE	3 12%	0 0%	0 0%	3 8%
CORN	14 54%	0 0%	0 0%	14 37%
MANGO	3 12%	4 40%	2 100%	9 24%
ORANGE	1 4%	2 20%	0 0%	3 8%
SOYBEAN	2 8%	1 10%	0 0%	3 8%
PEANUT	1 4%	1 10%	0 0%	2 5%
GINGER	1 4%	0 0%	0 0%	1 3%
ALINIA	0 0%	1 10%	0 0%	1 3%
COFFEE	1 4%	1 10%	0 0%	2 5%
TOTAL	26 100%	10 100%	2 100%	38 100%

PERCEIVED CHANGE IN COST OF INPUTS SINCE LAST YEAR BY TYPE OF INPUT (ALL FARMERS INTERVIEWED COMBINED)

	INCREASE	SAME	REDUCED	TOTAL
UREA	2 11%	1 6%	0 0%	3 8%
GRAMMAXONE	7 39%	1 6%	1 25%	9 24%
HORMONE	0 0%	1 6%	1 25%	2 5%
INSECTICIDE	0 0%	2 13%	0 0%	2 5%
FUNGICIDE	0 0%	1 6%	0 0%	1 3%
MANURE	1 6%	0 0%	0 0%	1 3%
6-20-0	0 0%	1 6%	0 0%	1 3%
15-15-15	0 0%	1 6%	0 0%	1 3%
46-0-0	2 11%	1 6%	1 25%	4 11%
16-20-0	1 6%	0 0%	0 0%	1 3%
14-14-21	0 0%	1 6%	0 0%	1 3%
13-13-21	0 0%	2 13%	0 0%	2 5%
21-0-0	0 0%	1 6%	0 0%	1 3%
ASUDIN	1 6%	0 0%	0 0%	1 3%
DO 2E	1 6%	0 0%	0 0%	1 3%
CURIDON	1 6%	0 0%	0 0%	1 3%

PERCEIVED CHANGE IN COST OF INPUTS SINCE LAST YEAR BY TYPE OF INPUT (ALL FARMERS INTERVIEWED COMBINED) (continued)

	INCREASE	SAME	REDUCED	TOTAL
FURIDON	1 6%	3 19%	0 0%	4 11%
HERBICIDE	0 0%	0 0%	1 25%	1 3%
SWEET FERT.	1 6%	0 0%	0 0%	1 3%
TOTAL	18 100%	16 100%	4 100%	38 100%

PERCEIVED CHANGE IN COST OF INPUTS SINCE FIVE YEARS AGO BY TYPE OF INPUT (ALL FARMERS INTERVIEWED COMBINED)

	INCREASE	SAME	REDUCED	TOTAL
UREA	2 8%	0 0%	1 50%	3 8%
GRAMMAXONE	9 35%	0 0%	0 0%	9 24%
HORMONE	0 0%	2 20%	0 0%	2 5%
INSECTICIDE	1 4%	1 10%	0 0%	2 5%
FUNGICIDE	0 0%	1 10%	0 0%	1 3%
MANURE	1 4%	0 0%	0 0%	1 3%
6-20-0	0 0%	0 0%	1 50%	1 3%
15-15-15	0 0%	1 10%	0 0%	1 3%
46-0-0	4 15%	0 0%	0 0%	4 11%
16-20-0	1	0	0	1

CHANGE IN COST OF INPUTS SINCE FIVE YEARS AGO BY TYPE OF INPUT
(ALL FARMERS INTERVIEWED COMBINED) (continued)

	INCREASE	SAME	REDUCED	TOTAL
14-14-21	1 4%	0 0%	0 0%	1 3%
13-13-21	1 4%	1 10%	0 0%	2 5%
21-0-0	1 4%	0 0%	0 0%	1 3%
ASUDIN	1 4%	0 0%	0 0%	1 3%
DO 2E	1 4%	0 0%	0 0%	1 3%
CURIDON	1 4%	0 0%	0 0%	1 3%
FURIDON	1 4%	3 30%	0 0%	4 11%
19	0 0%	1 10%	0 0%	1 3%
20	1 4%	0 0%	0 0%	1 3%
TOTAL	26 100%	10 100%	2 100%	38 100%

APPENDIX II

AGRICULTURAL LABOR INPUTS BY GENDER AND ACTIVITY

SOIL PREPARATION BY GENDER

	CROP GROUP							TOTAL
	FIELD CROPS	FRUIT TREES	PEAS & BEANS	ROOTS	GRASSES	SPICES	OTHER	
MALE	13 28%	3 7%	15 33%	8 17%	1 2%	3 7%	3 7%	46 100%
FEMALE	2 40%	0 0%	2 40%	1 20%	0 0%	0 0%	0 0%	5 100%
BOTH	12 33%	3 8%	11 31%	6 17%	0 0%	0 0%	4 11%	36 100%
TOTAL	27 31%	6 7%	28 32%	15 17%	1 1%	3 3%	7 8%	87 100%

PLANTING BY GENDER

	CROP GROUP							TOTAL
	FIELD CROPS	FRUIT TREES	PEAS & BEANS	ROOTS	GRASSES	SPICES	OTHER	
MALE	2 15%	5 38%	4 31%	1 8%	0 0%	1 8%	0 0%	13 100%
FEMALE	3 27%	0 0%	3 27%	4 36%	0 0%	0 0%	1 9%	11 100%
BOTH	22 34%	1 2%	21 33%	11 17%	1 2%	2 3%	6 9%	64 100%
TOTAL	27 31%	6 7%	28 32%	16 18%	1 1%	3 3%	7 8%	88 100%

WEEDING BY GENDER

	CROP GROUP						TOTAL
	FIELD CROPS	FRUIT TREES	PEAS & BEANS	ROOTS	SPICES	OTHER	
MALE	8 32%	3 12%	9 36%	4 16%	1 4%	0 0%	25 100%
FEMALE	4 44%	0 0%	3 33%	1 11%	1 11%	0 0%	9 100%
BOTH	12 36%	3 9%	8 24%	7 21%	1 3%	2 6%	33 100%
TOTAL	24 36%	6 9%	20 30%	12 18%	3 4%	2 3%	67 100%

HARVESTING BY GENDER

	CROP GROUP						TOTAL
	FIELD CROPS	FRUIT TREES	PEAS & BEANS	ROOTS	SPICES	OTHER	
MALE	2 13%	3 20%	6 40%	2 13%	1 7%	1 7%	15 100%
FEMALE	3 30%	1 10%	3 30%	2 20%	1 10%	0 0%	10 100%
BOTH	22 41%	1 2%	16 30%	11 20%	1 2%	3 6%	54 100%
TOTAL	27 34%	5 6%	25 32%	15 19%	3 4%	4 5%	79 100%

APPENDIX III

ADDITIONAL STATISTICS ON CONSERVATION METHODS

NUMBER OF CONSERVATION METHODS EMPLOYED PER FARMER

NUMBER OF METHODS	NO. OF FAMILIES	PERCENT
1	23	28.4%
2	20	24.7%
3	15	18.5%
4	12	14.8%
5	5	6.2%
6	6	7.4%
TOTAL	81	100.0%

PERSON WHO INTRODUCED CONSERVATION METHODS TO FARMER

	TAN DOK MAI	BAN DEN	KOD PA WAI	DAN MUANG	SAN PA POR	TOTAL
KLAUS	12 92%	7 88%	7 88%	5 71%	6 86%	37 86%
RATCHAKORN	0 0%	0 0%	1 13%	1 14%	1 14%	3 7%
OTHER	1 8%	0 0%	0 0%	1 14%	0 0%	2 5%
MORE THAN ONE CONTACT	0 0%	1 13%	0 0%	0 0%	0 0%	1 2%
TOTAL	13 100%	8 100%	8 100%	7 100%	7 100%	43 100%

APPENDIX IV

FREQUENCY AND FLUCTUATION OF PRICE AND USE OF CHEMICALS BY VILLAGE

FREQUENCY AND FLUCTUATION OF PRICE AND USE OF CHEMICALS BY VILLAGE

ID	TYPES	PRICE_THIS	PRICE_LAST	PRICE_5AGO	CROP	NOW	LAST	FIVE
102	7	9	9	200	21			1
102	1	18	9	9	21	1		
102	2	100	9	9	21	1		
103	6	1000	600	9	21	1	1	
103	1	9	9	500	21			1
103	3	100	100	100	21	1	1	1
103	4	100	100	100	21	1	1	1
103	5	100	100	100	21	1	1	1
104	4	200	200	9	34	1	1	
104	2	20	20	9	41	1	1	
110	19	9	100	9	71		1	
111	3	9	80	9	21		1	
206	2	95	9	9	25	1		
207	8	3000	3000	3000	25	1	1	1
207	18	150	150	150	25	1	1	1
301	17	112	9	9	34	1		
303	18	18	18	18	34	1	1	1
402	10	810	9	9	14	1		
402	20	300	9	9	14	1		
403	11	240	9	9	11	1		
404	10	560	960	9	14	1	1	
407	1	240	9	9	11	1		
501	12	2250	2250	9	14	1	1	
501	2	2300	2900	1800	14	1	1	1
501	18	500	9	9	11	1		
502	10	260	260	9	14	1	1	
502	13	350	350	9	62	1	1	
502	2	300	9	9	14	1		
504	2	500	9	285	14	1		1
505	14	2500	2500	1500	14	1	1	1
505	13	300	300	300	76	1	1	1
505	15	450	150	9	76	1	1	
505	2	1840	460	200	14	1	1	1
505	18	50	50	50	41	1	1	1
506	10	500	9	9	14	1		
506	2	920	460	460	14	1	1	1
507	16	780	9	9	14	1		
507	2	475	9	9	14	1		

APPENDIX V

METHODS OF CONSERVATION FARMING CODES

METHODS OF CONSERVATION FARMING

METHOD = conservation farming methods used
(can be multiple entries for one farmer)

Group 1: RICE CULTIVATION

A = Rotation with field crops

A11 = Upland Rice/black bean
A12 = Upland Rice/peanut
A13 = Upland rice/mung bean
A14 = upland rice/soybean

A20 = upland rice/peanut/pigeon pea:corn

B = Double and Intercropping

B10 = cowpea/upland rice - double cropped

B20 = upland rice/mung bean - double cropped

B31 = paddy rice/soybean - double cropped
B32 = paddy rice/peanut - double cropped

B41 = upland rice/peanut - row intercropped
B42 = upland rice/soybean - row intercropped
B43 = upland rice/cowpea - row intercropped

B51 = upland rice/tua rord - mixed
B52 = upland rice/pigeon pea - mixed

B61 = upland rice/lab lab bean - relay cropped
B62 = upland rice/tua bae - relay cropped

C = Mulching and Green Manure

C10 = leaf mulch from contour hedges

C21 = green manure in paddy - tua pra
C22 = green manure in paddy - tua bae
C23 = green manure in paddy - tua son
C24 = green manure in paddy - mung bean

C31 = green manure in upland - tua pra
C32 = green manure in upland - black bean
C33 = green manure in upland - mung bean
C34 = green manure in upland - pigeon pea

Group 2: CORN CULTIVATION

D = Rotation with Legumes

D11 = corn with peanut - rotation
D12 = corn with mung bean - rotation
D13 = corn with soybean - rotation

E = Double and Intercropping

E11 = corn with yambean - relay cropped
E12 = corn with tua bae - relay cropped
E13 = corn with black bean - relay cropped
E14 = corn with velvet bean - relay cropped

E21 = corn with peanut - double cropped
E22 = corn with mung bean - double cropped
E23 = corn with soybean - double cropped

E30 = corn with mixed (beans?)

F = Mulching

F10 = leaf mulch from contour hedges

Group 3: FIELD CROPS

G = Double and Intercropping

G11 = peanut with pigeon pea
G12 = peanut with soybean
G13 = peanut with mung bean

G20 = cotton with peanut

Group 4: COVER CROPS

H = Weed Control in Orchards

H11 = viney types with tua bae
H12 = viney types with black bean

H21 = bushy and shrub types with pigeon pea
H22 = bushy and shrub types with tua farang
H23 = bushy and shrub types with ya hing man

I = Weed Suppression in Upland Fields

I11 = viney types with tua bae
I12 = viney types with black beans

I21 = velvet bean
I22 = lab lab bean - fire prevention

J = Plant Trials

J10 = sun hemp
J20 = tropical lima bean

Group 5: AGROFORESTRY

K = Double Row Contour Hedges

K10 = Leucaena leucocephala - monocropped

K21 = Leucaena leucocephala with pigeon pea - mixed
K22 = Leucaena leucocephala with pigeon pea or other bea

K30 = pigeon pea - monocropped

K41 = pigeon pea with Sesbania - mixed
K42 = pigeon pea with Gliricidi - mixed

K51 = Gliricidia mixed with lemon grass and castor bean
K52 = Cassia mixed with lemon grass and castor bean

L = Alley field crops and trees

L11 = Annual crops - tapioca
L12 = Annual crops - soybean

L20 = perennial crops - pineapple

L31 = trees - mango
L32 = trees - citrus
L33 = trees - cashew

L40 = pigeon pea for lac raising

APPENDIX VI

SURVEY QUESTIONNAIRES EMPLOYED

ORGANIC FARMING DEMONSTRATION PROJECT QUESTIONNAIRE

Village

Date

1. Name, Sex and Age (head of household):

2. Address:

3. Education (of household head)

   -None
   -1-4 years
   -4-6 years
   -over 6 years
   -other:

4. Migration pattern of the household

   -Never moved
   -Moved under five years ago
   -Moved over five years ago

5. Sources of income (crop and amount earned per year)

6. Amount of land used for farming (rai)

   -owned
   -rented
   -illegally occupied

7. Agricultural equipment (rental/purchase amount)

   -Tractor
   -Multipurpose vehicle
   -Draft animal
   -Agricultural tools/implements

8. Cash crops grown (type, rai, years, price, yield)

9. Chemical fertilizer and pesticide input for agricultural use (amount purchased, type, price this year, price last year, price 5 years ago, crop, rai)

10. Conservation farming methods introduced by the OFDP

   A. Reduction of costs or not? Why?

   B. Understanding of conservation farming methods (type, understanding of concept, months/yrs. practiced, will use in the future)

   C. Do you have any plans for future expansion? Why?

   D. Are you still saving seeds? What seeds?

11. Did you implement any changes/modifications on the OFDP methods? Why? Where did you get the idea?

12. Who introduced the OFDP conservation farming methods to you? Seeds or money? Contract? (give details)

13. Training:

A. What sort of training did you receive? Enough?

B. Could you explain the conservation farming techniques that you learned to others?

C. What would you like to receive training in?

D. What type of training? (audio visual, written, demonstration, experimentation)

14. How would you rate the conservation farming methods? (type, excellent, good, average, waste of time) Why?

15. Communication with others:

A. Do you think these techniques are worth telling others? Why?

B. Have you told anyone about them? How? (told others only verbal, manual assistance, sharing of seeds)

16. If you were asked to be an instructor to teach others about conservation farming methods, would you be able to do it?

17. How has your family income been affected by the conservation farming techniques? (improved, no change, decreased)

18. Did you already have a kitchen garden before the OFDP methods were introduced? Do you want to change from the old method to the new method now?

19. Has the amount of labor/time that you put into your farm changed (including hired laborers) since implementing organic farming? (less labor, about the same, more labor)

20. Who does most of the new method of organic farming activities? (activity - male, female, both)

21. Would you like the McKean's Village Extension Service (VES) workers to be (more involved, stay the same, less involved with your village?

ALTERNATIVE CROP PROTECTION PROJECT QUESTIONNAIRE

Village

Date

1. Name, Sex and Age (head of household):

2. Address:

3. Education (of household head)

   -None
   -1-4 years
   -4-6 years
   -over 6 years
   -other:

4. Migration pattern of the household

   -Never moved
   -Moved under five years ago
   -Moved over five years ago

5. Sources of income (crop and amount earned per year)

6. Amount of land used for farming (rai)

   -owned
   -rented
   -illegally occupied

7. Agricultural equipment (rental/purchase amount)

   -Tractor
   -Multipurpose vehicle
   -Draft animal
   -Agricultural tools/implements

8. Cash crops grown (type, rai, years, price, yield)

9. Did anyone contact you about the ACPP demonstrations? Who?

   A. How did they contact you? How many times per year?

10. Did you have any previous knowledge of the ACPP? From whom?

11. ACPP Demonstration (type, local availability, preparation, effect)

12. What incentives were you offered to participate in the demonstrations?

A. Would you continue these practices without the incentives?

B. Are you planning on expanding? Why? How many rai?

13. ACPP Demonstration Time Frame (type, date started, date finished, continuing?)

14. Attitudes (good, undecided, poor) and knowledge (good, average, poor) about the ACPP - (before and after)

A. What problems have you noted?

15. Do you plan to implement any changes/modifications? Where did the idea come from?

16. Do you think that the ACPP activities are worthwhile to tell to others? Why or why not?

17. Have you told others about the activities of the ACPP?

-activity: verbal, demonstrated, helped to set up
-recipient's attitude: good, uncertain, bad

18. Would you be able to teach others about alternative crop protection methods?

A. Has anyone come to teach you? Have you had enough training?

B. Can you teach these techniques to others?

C. What do you want training in?

D. What type of training?

19. How has your family income been affected by the alternative crop protection methods? (improved, about the same, decreased)

20. Did you have a kitchen garden before implementing the alternative crop protection methods? Do you want to change from the old method to the new method?

21. How has the amount of money that you put into your farm changed since you implemented the ACPP methods?

22. Who does the work on the activities introduced under the ACPP? (activity: male, female, both)

23. Would you like the McKean's Village Extension Service (VES) workers to be (more involved, stay the same, less involved) with your village?

NON-PARTICIPANT QUESTIONNAIRE

Village
Date

1. Name, Sex and Age (head of household)

2. Address

3. Education (of household head)

   -None
   -1-4 years
   -4-6 years
   -over 6 years
   -other:

4. Migration pattern of the household

   -Never moved
   -Moved under five years ago
   -Moved over five years ago

5. Sources of income (crop and amount earned per year)

6. Amount of land used for farming (rai)

   -owned
   -rented
   -illegally occupied

7. Agricultural equipment (rental/purchase amount)

   -Tractor
   -Multipurpose vehicle
   -Draft animal
   -Agricultural tools/implements

8. Cash crops grown (type, rai, years, price, yield)

9. Have you had any previous contact with McKean's Village Extension Service (VES)? In what way?

10. Have you tried any of the conservation farming techniques? (crop, year, understanding of knowledge from McKean, understanding of idea, use in the future?, area)

11. Do you want to learn more about this type of farming? What type?

12. Would you be willing to share your knowledge with others? Why or why not?

14. Have you ever heard of similar types of conservation farming techniques being taught or implemented? Heard from whom?