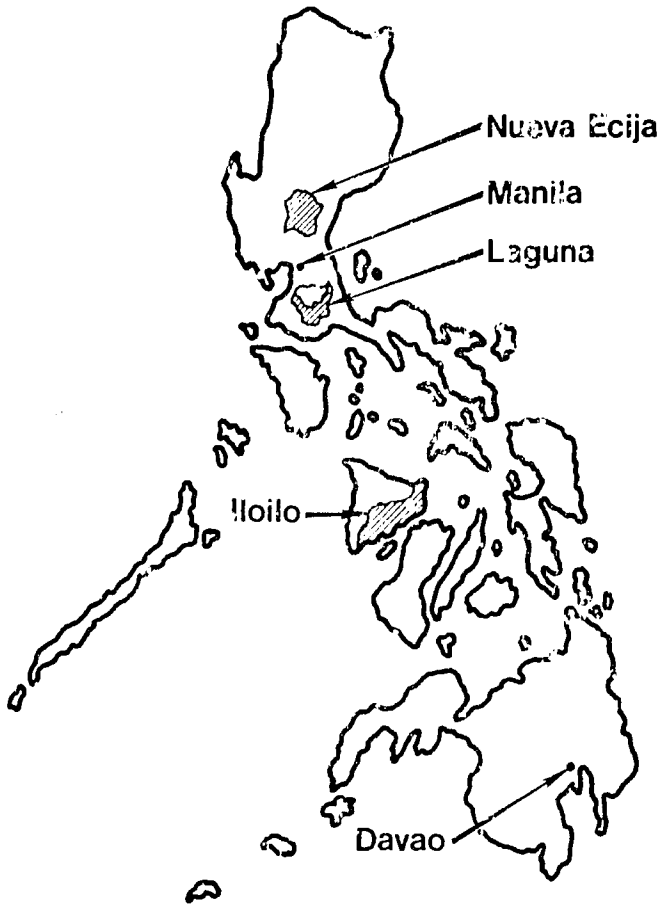
Operations Handbook No.4

Variable Identification and Data Codes for the Philippines



Consequences of Small Rice Farm Mechanization Project

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IRRI/USAID Contract No. tac 1466

VARIABLE IDENTIFICATION AND DATA CODES FOR THE PHILIPPINES

OPERATIONS HANDBOOK NO. 4

1984

The Consequences of Small Rice Farm Mechanization Project is funded and supported by the United States Agency for International Development under Contract tac-1466 and is being implemented by the International Rice Research Institute. The study is designed to address the mechanization issue at four levels, ranging from the macro to the micro within a system. At the macro level is a historical cross-country analysis of economic forces and policies that have affected the adoption and use of mechanization over a broad sample of Asian countries. The fourth level is a study of the operational tasks that are required for successful intensification of rice production in order to specify the potential role of small scale machines in releiving production constraints. This Collaborative research project involves agricultural economists and engineers in Asian growing countries like the Philippines, Thailand and Indonesia together with research specialists from the International Rice Research Institute.

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I Introduction

The Consequences of Small Rice Farm Mechanization Project was developed to generate reliable information on the impact of mechanization in small farm rice production system. Four sites in South East Asia, Nueva Ecija in the Philippines, West Java and South Sulawesi in Indonesia and Supanburi in Thailand were chosen as survey areas because of the high degree of mechanization already established.

The purpose of this manual is to document the household sampling and data classification, data processing and organization that has been used for all sites. The manual is an essential complement to the data itself for all researchers. Further information is available from the data processing record and from the FMDCAS (Farm Management Data Collection and Analysis System FAO Manual # 34) package and Operations Handbook No. 1 which specify the data instruments used for interview.

II Review of Data Processing

2.1 Data Validation and Update

Farm survey instruments were divided into : FAO and the Non-FAO forms. The FAO forms are standardized survey instruments which serve as coding form for computer analysis. The Non-FAO forms contain additional data mainly designed using the FAO format and included further details on machinery use and non-agricultural assets.

The original FAO forms were modified at IRRI because the analysis could not directly employ the FAO programs. Thus, an editing program was written to convert the IRRI datasets to the FMDCAS specification.

In creating of working datasets, several stages or steps were used in cleaning the data:

1) Use of a package program called VALIDATA designed to test for particular values and ranges of variables.

2) Verification using raw data from the coding sheets or in some cases, the coded questionnaire were done manually.

3) Updating raw data by either dumping the encoded data from tape to disk/diskette and manually correct them after searching or using a correction program to replace or re-encode erroneous records.

2.2 SPSS/SAS File Creation

Following the above procedures SPSS files for each form were then created. Since the FMDCAS group-averaging programs do not provide variance for significance testing, SPSS package or a similar package like SAS were used for further analysis. SPSS files created were classified as follows:

1) Non-FAO files, these are forms not processed by FMDCAS and contain supplement information from farm and crop files.

2) RUF files, correspond to the Resource Utilization forms.

3) FAO files, these are forms referred to as a Non-RUF files which are required by FMDCAS.

The Non-FAO, RUF and FAO files differ from Farm and Crop files of the following ways:

a) Original coding was maintained

b) Cleaning not done

c) More detailed information in the data

d) The forms were split because more than one entry is recorded per card

e.g. RUF Record

```
Col. 1
|
01601100102308100003 5        2690230810002010000982930230810000810001 50
08113320
        |
  Col.80
```

```
01601100102308100003 5          113
016011269023081000201000098     113
016011293023081000081000150     113
```

However, the method used depends on the analysis required.

2.3 Reformatting Procedure

The requirements of the FAO FMDCAS System required standard reformatting:

1) N-P-K components were computed for each fertilizer code and added to the file.

2) Production data which includes yield and by-product values were extracted from form 939. Assigned enterprise codes were 902 (grain) and 925 (straw).

3) Records with parcel number 666 are split among the number of parcels for the household using the ratio of the parcel size to total cultivated area as a measure of proportionality

4) Changed in codes according to FAO's FMDCAS coding requirement e.g. special first digit input-output codes 6,7 and 8 are zeroed-out.

5) If data column positions differ from the standard FAO format, column transfers were done. If an overflow occured because of the transfer, the value and amount of a household were distributed equally to account for the overflow. Values were also rounded off if no decimal position is required or if the receiving field is smaller than the sending field. These are true for Indonesia and Thailand.

However, enummerated processes differ according to data requirement of each site. For Thailand, area was coded in rai instead of hectares. Proper conversion is made. Aside from special first digit input-output codes 6,7 and 8 [as seen above (4)]. Thailand also uses 4 and 9.

2.4 FMDCAS Farm and Crop Files

The FAO programs use the raw survey data to produce farm summaries, farm group averages, crop summaries and crop group averages. Final outputs were obtained sequencially and serve as input files to change the data into a form suitable for farm and crop analysis. The farm analysis summary gives an income and expenditure account, an analysis of labour inputs by operation and month, a net worth statement and various other infomations. The crop analysis summary gives details onto levels of inputs and outputs both physical and financial form. Some information was lost due to the fixed layout of the outputs. The main problem considered is the lack of detail on mechanical inputs, the lack sexual differentiation of labour inputs, and the lack of information about cropping intensity.

Secondly, ability of the users need to understand the derivation. Finally, slight problem arising from the suppression of zeroes and many places see [7].

The farm and crop summaries were used as input for SPSS file creation. SPSS files were classified as follows:

1) Farm file
2) Crop file

Diagram 1 illustrates the flow from the Project Design down to Data Processing and File Creation on the Consequences of Small Rice Farm Mechanization Project.

The procedure used to create SPSS/SAS files differed slightly for the Indonesian files. For West Java, information for all forms were collected only for the largest parcel. Thus, no further aggregation by parcel was needed. In South Sulawesi, data on farm inputs (RUF) was collected only for the largest parcel while other information including yield, was collected for all parcels. Thus, two files were created for the user requirements. The first file, contained data for all parcels and the second file, only for the largest parcel. These files are properly delineated by the data set naming system adopted (Refer to Section IV).

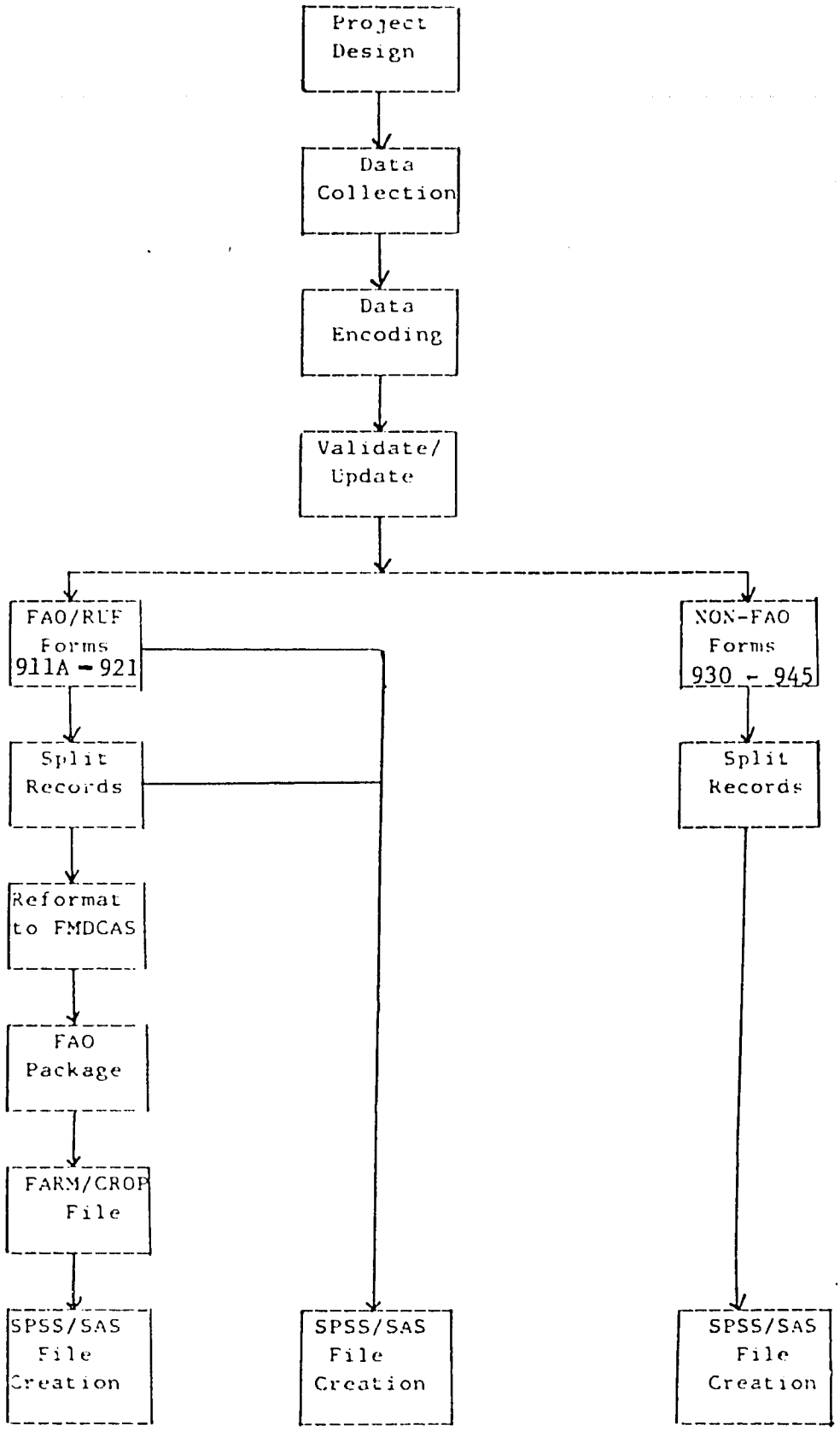

Diagram 1. Illustrates the flow of Data Processing on the Consequences of Small Rice Farm Mechanization Project

III Pre and Post Survey Classification

3.1 Pre Survey Classification

Stratified sampling was employed for each level of mechanization

1) Animal
2) 2W tractor
3) 4W tractor

Two municipalities in the province of Nueva Ecija (Cabanatuan and Guimba) were selected using the following criteria:

a) the type and extent of available water control
b) the degree of mechanization used in land preparation
c) accessibility

Only those villages which were primarily agricultural were then grouped using BAEcon census, 1975. In early 1979, consequences household census revealed another discrepancy in the BAEcon (1975) data.

During the 1978 wet season, the population of interest was the rice farming households which were partitioned based on the type of irrigation and power used for primary tillage. The following strata emerged:

1) Rainfed-animal power
2) Rainfed-2W tractor
3) Rainfed-4W tractor
4) Irrigated one cropping season-animal
5) Irrigated one cropping season-2W tractor
6) Irrigated one cropping season-4W tractor
7) Irrigated two cropping seasons-animal
8) Irrigated two cropping seasons-2W tractor
9) Irrigated two cropping seasons-4W tractor

The survey for 1979 wet season was conducted in two rounds. Adjustments were made due to shifts in strata of some households. Gross shifts from the original classification by level of water control and mechanization were revealed in the tabulation of survey returns for 1979 wet season, refer to tables 5 & 8 of [2].

3.2 Post Survey Classification

Since inadequate partitioning was done in the pre survey classification, a post survey repartitioning was implemented before analyzing the data. The following strata were developed:

1) Rainfed-nonmechanized
2) Rainfed-partially mechanized
3) Rainfed-fully mechanized
4) Pump irrigated-nonmechanized
5) Pump irrigated-partially mechanized
6) Pump irrigated-fully mechanized
7) Gravity irrigated-nonmechanized
8) Gravity irrigated-partially mechanized
9) Gravity irrigated-fully mechanized

There are two criteria used for partitioning: 1) Irrigation status and 2) Mechanization. Mechanization on primary and secondary tillage was based on the used of machinery for land preparation over 2 crop seasons. The following farm classification under mechanization are:

1) Nonmechanized
2) Partially mechanized
3) Fully mechanized

What often occurs in practice is the repartitioning of samples into new levels of water control and mechanization. Thus, cells produce one or no observations at all. Original stratification must not be ignored in the analysis of the sample because failure to match strata results in post survey adjustments of the estimates obtained.

IV Data Management

4.1 Tape Labelling

Magnetic tapes are stored in a tape cabinet found in the Engineering Department. These tapes are labelled in a standard format:

e.g. IR02PA

Where IR is the institution's mnemonic, 02 the Engineering Department Code Number and PA the sequence or alphabet assigned by the programmer.

In the case of the Farm Mechanization project, the following stands for the last two characters on tape label:

First: Site

T - Alphabet assigned for Thailand
S - Alphabet assigned for South Sulawesi
W - Alphabet assigned for West Java
P - Alphabet assigned for Philippines

Second: Type

A - Alphabet assigned for Survey Raw Data
B - Alphabet assigned for Farm Record Keeping Raw Data
C - Alphabet assigned for FAO and Resource Utilization Raw Data
D - Alphabet assigned for FARM/CROP Raw Data

4.2 Data Set Naming System:

Data Set Names (DSN) are sometimes multi-level in name. Meaning, file names may have two or more parts which is separated by a period:

a) Raw Data Files:

Format: ss.fff.yyy Example: SS.FMS.WS1

ss - Site

TH = Thailand
SS = South Sulawesi

WJ = West Java
PH = Philppines

fff - File

FMS = Farm Mech Survey
FRK = Farm Record Keeping
NRU = FAO Files (input to FAO program)
RUF = Resource Utilization

Others:

TRACTOR = Tractor
NONAG = Non Agricultural

yyy - Season

WS1 = Wet Season 1
WS2 = Wet Season 2
DS1 = Dry Season 1
DS2 = Dry Season 2

Others:

SUPP911b = Supplementary Form B
OWNERS = Owner
WORKERS = Worker

b) SPSS/SAS Files:

Format: ssfffyyy.tttt Example: SSFRMWS1.SPSS

ss - Site

TH = Thailand
SS = South Sulawesi
WJ = West Java
PH = Philippines

fff - File

FRM = Farm File
CRP = Crop File
RUF = Resource Utilization File
91A = Form 911A
91B = Form 911B
91C = Form 911C
91D = Form 911D
91E = Form 911E

912 = Form 912
913 = Form 913
915 = Form 915
916 = Form 916
917 = Form 917
918 = Form 918
919 = Form 919
920 = Form 920
921 = Form 921
930 = Form 930
931 = Form 931
932 = Form 932
933 = Form 933
934 = Form 934
935 = Form 935
936 = Form 936
937 = Form 937
938 = Form 938
939 = Form 939
940 = Form 940
941 = Form 941
942 = Form 942
943 = Form 943
944 = Form 944
945 = Form 945

yyy - Season

WS1 = Wet Season 1
WS2 = Wet Season 2
DS1 = Dry Season 1
DS2 = Dry Season 2

tttt - Type

SPSS = Statistical Package for Social Sciences
SAS = Statistical Analysis System

c) Farm/Crop Files:

Format: ss.tttt.yyy Example: SS.FTS.WS1

ss - Site

TH = Thailand
SS = South Sulawesi
WJ = West Java
PH = Philippines

tttt - Type

FTS = Farm File
FTS1 = Farm File
FTS2 = Farm File
CTS = Crop File
CTS1 = Crop File
CTS2 = Crop File

Note:

Numbers attached to type description denote that there are several files created for a certain season. In a more detailed description of these file contents refer to Section II subsection 2.4

yyy - Season

WS1 = Wet Season 1
WS2 = Wet Season 2
DS1 = Dry Season 1
DS2 = Dry Season 2

The purpose of the programmers in naming the files are:

1) to distinguish the raw data from an SPSS/SAS and the FARM/CROP files.

2) to differentiate Farm Mechanization Project files from various project in the Department (Engineering).

Data sets having the same DSN as others exist as back-up copies. The DSN is limited to 17 characters only including the points.

4.3 Data Control Block Specification

Data Control Blocks (DCB) for the files are:

a) Raw Data Files:

DCB=(LRECL=80,RECFM=FB,BLKSIZE=1600,DEN=3)

b) SPSS Files:

DCB=(LRECL=2008,RECFM=VB,BLKSIZE=6012,DEN=3)

c) SAS Files:

DCB=(LRECL=32756,RECFM=U,BLKSIZE=32760,DEN=3)

d) FARM/CROP Data Files:

DCB=(LRECL=2008,RECFM=VB,BLKSIZE=6012,DEN=3)

Where:

LRECL - Record Length
RECFM - Record Format
BLKSIZE - Block Size
DEN - Density

Access on tape/disk files may be done in IRRI Computer Center using Conversational Monitoring System (CMS) in an interactive terminal. An introduction to CMS facility is available at the center by either using a manual or the terminal itself. For other installation, the user should have a knowledge of the Job Control Language (JCL) to understand the concepts of job management.

HOW TO USE THE HANDBOOK

The following basic steps necessary for a beginner to know how to use the handbook are:

Determine data you wish to work with and specific program you want to use.

Example:

You need to determine the average number of hours of work lost owing to machine breakdown. Your analysis require using an SAS package program

↓

Identify the form no. containing this information in Appendix E.

The data you required in the example above most likely fall under the title 'Machine Breakdown'. This form is Form No. 938. Examine the form. If it contains the desired information, proceed to the next step. Otherwise, search Appendix E for the desired form. If it is necessary to know the number of cases for this particular form, then proceed to Appendix A.

↓

Select the corresponding variable name for the data required in Appendix B.

Variable names for form 938 are found in Appendix B. These are listed in the same order as they are asked in the corresponding questionnaire. Referring to Form 938 in Appendix B, the required data are contained in the variable names, FLABHRS (Family labor hours used to repair the machine) and HLABHRS (Hired labor hours used to repair the machine)

↓

Now, determine the computer files that store the required information. After identifying the form no., site, and season, the data type of the required file must also be determined. (Refer to Section IV for the data set naming system used by the project).

Appendix D lists tapes containing important project data sets. Scan these lists for datasets you may require using the data set naming system. List down the tape volume, file position, and data control blocks of the datasets for future reference.

You need data gathered on form 938 for both seasons (wet and dry) of the first year. Since your analysis is in SAS, the data type is SAS. Scanning the files, you list down the following:

DSNAME	TAPE VOLUME	POSITION	LRECL	BLKSIZE	RECFM
PH938WS1.SAS	IR02PJ	21	32756	32760	U
PH938DS1.SAS	IR02PK	16	32756	32760	U

Other miscellaneous information are found in Appendix C and Appendix F.

Appendix C give frequency counts by village number, farm type, and shift code for data gathered for all seasons These are useful when there is a need to verify the source of the data you may be handling, since frequency counts vary from season to season.

Appendix F lists household codes and their corresponding classification variable values. You may need this to verify the status of a household.

APPENDICES

Appendix A shows the number of cases in each SPSS/SAS file by form and season for Philippines. Appendix B is an account of the variable names and description of the different variables in each SPSS file. The classification together with the categories and frequency counts under each given in Appendix C. Appendix D records the list of tapes with the positions, data set names and data control blocks of the different files. The individual forms discussed earlier together with the raw data column allocations are indicated in Appendix E. Finally, Appendix F gives a breakdown by site, season and household of the classification groups.

Appendix Table A.1. No. of cases in each SPSS/SAS file by form and season. For FAO forms, F911A TO 921 and RUF

FORM	PHILIPPINES		
	WS1	DS1	WS2
RUF	22357	6524	8416
911A	490	509	504
911B	362	0	0
911C	28	38	41
911D	0	329	244
911E	0	43	41
912	442	246	435
913	562	384	554
915	117	5	3
916	227	0	19
917	1030	0	155
918	520	0	0
919	3366	0	0
920	383	109	289
921	0	2635	1609

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Appendix Table A.2. No. of cases in each SPSS/SAS File by form and season. For Non-FAO forms, F930 TO F945

FORM	PHILIPPINES		
	WS1	DS1	WS2
930	363	0	0
931	212	140	193
932	843	406	414
933	437	241	9
934	131	0	0
935	2636	0	0
936	117	5	3
937	206	209	219
938	56	19	8
939	446	249	405
940	461	233	359
941	4	0	0
942	343	1	0
943	778	493	12
944	0	0	0
945	0	0	0

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Appendix Table A.3. No. of cases in each SPSS/SAS file by form and season. For Files, FARM and CROP

FORM	PHILIPPINES		
	WS1	DS1	WS2
FARM	320	320	318
CROP (parcel)	507	336	519
CROP (aggregated)	325	219	318

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Appendix B.1

DOCUMENTATION FOR FORM RU RESOURCE UTILIZATION

Variable	Description	Categories
ENTERPR	ENTERPRISE	
		011. CORN
		016. RICE
		028. MUNGBEANS
		029. PEANUTS
		166. CUCUMBER
		167. EGGPLANT
		168. OKRA
		169. TOMATOES
		170. FRESH CHILLIES
		501. DRAFT CATTLE
		502. DRAFT CARABAO
		503. DRAFT HORSE
		510. PROD CATTLE
		520. SHEEP
		530. GOATS
		540. PROD CARABAO
		550. PROD HORSE
		580. POULTRY
		581. DUCKS
		590. PIGS
		600. CROP & LIVESTOCK
		900. SUPPLEMENTARY INCOME
PSPID	PARCEL OR SUBPARCEL ID	
IOCODE	INPUT-OUTPUT CODE	
		1. FARMER
		2. SPOUSE
		12. CHILDREN LT 10 YRS
		13. MALE HHMEM GE 10 YRS
		14. FEMALE HHMEM GE 10 YRS
		23. MALE PERMANENT LABOR
		24. FEMALE PERMANENT LABOR
		31. UNDETERMINED HIRED LABOR
		32. CHILD HIRED LABOR
		33. MALE HIRED LABOR
		34. FEMALE HIRED LABOR
		41. UNDTERMINED EXCHANGE LAB
		42. CHILD EXCHANGE LABOR
		43. MALE EXCHANGE LABOR
		44. FEMALE EXCHANGE LABOR

51. UNDTERMINED CONTRACT LAB
52. CHILD CONTRACTUAL LABOR
53. MALE CONTRACTUAL LABOR
54. FEMALE CONTRACTUAL LABOR
111. 2-WHEEL TRACTOR PE
112. 4-WHEEL TRACTOR PE
114. 2-W TRCTR WO PE
115. 4-W TRCTR WO PE
116. ENGINE
164. THRESHER WITH PE
165. THRESHER WO PE
167. RICE MILL
171. IRRIG PUMP WITH PE
173. IRRIG PUMP WO PE
168. BLOWER
183. JEEP OR TRUCK
188. TRICYCLE
201. SEEDLING
203. CUTTING
210. N FERTILIZER
211. UREA
212. AMMONIUM SULFATE
213. AMMONIUM CHLORIDE
220. P FERTILIZER
221. DOUBLE SUPER P
222. TRIPLE SUPER P
223 SOLOPHOS
230. K FERTILIZER
231. K SULFATE
232. K CHLORIDE
240. CALCIUM FERTILIZER
250. COMPOUND FERTILIZER
251. DI-AMONIUM PHOSPHATE
252. 16-20-0
271. COMPLETE FERTILIZER
280. ORGANIC FERTILIZER
281. FARM MANURE
282. COMPOST
291. UNDETER POWDER INSECT
292. POWDER GRANULE GAMMA BHC
294. POWDER GRANULE FURADAN
295. POWDER GRANULE HYTOX
296. POWDER GRANULE BASUDIN
298. POWDER GRANULE PESTHANE
299. POWDER GRANULE DINECRON
300. UNDET POWDER GRANULE FUNG
301. POWDER GRANULE BENLATE
302. POWDER GRANULE FUNDITOX

303. POWDER GRANULE HINOSAN
304. POWDER GRANULE DITHANE
305. UNDET RODENTICIDE
306. SULPHUR
307. ZINC PHOSPHATE
308. KARPHOS
309. WARFARIN
329. POWDER GRANULE EKALUX
330. GRANULE FURADAN
331. RENT GRAZING LAND
332. SALT & MINERALS
333. VET EXPENSES
334. DRUGS
335. FEED ROUGHAGE
336. POWDER GRANULE SEVIN
337. POWDER GRANULE BAYCARB
339. POWDER GRANULE ETROFOLAN
340. FEED CONCENTRATE
342. ANIMAL REPLACEMENT
343. SEASONAL RENT LIVESTOCK
344. ANNUAL RENT LIVESTOCK
370. POWDER GRANULE CERESAN
371. RENT
372. POWDER GRANULE AGROSAN
373. POWDER GRANULE CUPRAVIT
374. POWDER GRANULE BLITOX
377. AMORTILIZATION
381. POWDER GRANULE ERADEX
383. POWDER GRANULE DIAGRAN
390. DORA
400. UNDET LIQUID FUNG
401. LIQUID BENLATE
403. LIQUID HINOSAN
404. LIQUID DITHANE
410. UNDET LIQUID HERBICIDE
411. LIQUID MACHETE
412. LIQUID 24-D
413. LIQUID SATURN
414. LIQUID GRAMOXONE
415. LIQUID AGROXONE
416. LIQUID HEDONAL
424. LIQUID AZODRIN
426. LIQUID LANNATE
427. LIQUID ENDRIN
428. LIQUID DIAZINON
429. LIQUID EKALUX

435. LIQUID BRODAN
436. LIQUID SEVIN
437. LIQUID BAYCARB
438. LIQUID MALATHION
439. LIQUID ETROFOLAN
480. LIQUID PARAPEST
481. LIQUID ERADEX
482. LIQUID THIODAN
483. LIQUID DIAGRAN
491. UNDET LIQUID INSECT
501. CATTLE
502. CARABAO
503. HORSE
601. FARMER WITH CARABAO
623. MALE PL WITH CARABAO
633. MALE HIRED WITH CARABAO
643. MALE EXCHANGE WITH CARABAO
653. MALE CONTRACT WITH CARABAO
701. MALE HHMEM WITH 2WT
733. MALE HIRED WITH 2WT
743. MALE EXCHANGE WITH 2WT
753. MALE CONTRACT WITH 2WT
813. MALE HHMEM WITH 2WT
823. MALE PL WITH 4WT
833. MALE HIRED WITH 4WT
843. MALE EXCHANGE WITH 4WT
853. MALE CONTRACT WITH 4WT
901. PENSION
902. GRAIN
903. CONTRIBUTION RECEIVED
904. COBS
905. TUBERS
906. DRY FRUIT
907. FRESH FRUIT
908. BULB
917. RENT RECEIVED
918. MISCELLANEOUS
925. STRAW
926. HUSK
927. HAY
928. BRAN
951. LIVE ANIMAL
952. MILK
953. BUTTER
954. CHEESE
955. EGGS
956. MEAT

ACTVTY	ACTIVITY
10.	LAND PREPARATION
11.	PLOWING
12.	LAND CLEARING
17.	HARROWING
18.	BASAL FERT APPLICN
20.	DIRECT SEEDING
21.	TRANSPLANTING
22.	SEEDBED PREPN
23.	FERTILIZER APPLICATI
24.	LEVELLING
25.	PULLING SEEDLINGS
26.	DRAINING OF PARCEL
27.	REPAIR-CLEAR LEVEE
28.	RUDGING
29.	SEEDING SEEDBED
30.	SEED PREPN
31.	REPLANTING
32.	PUDDLING
33.	PUT CLIMBING POLE
34.	SEED TRANSPORT
40.	CROP CARE
41.	WEEDING
44.	HERBICIDE APPLICN
46.	TOP DRESSING FERT
47.	INSECTICIDE APPLICN
48.	MULCHING
52.	EARTHING-UP
53.	RODENTICIDE APPLICN
54.	FERT-PEST APPL.
60.	IRRIGATING
61.	PRE-SOWING IRRIG
62.	REGULAR IRRIGN
63.	WATERING BY HAND
71.	PREP BUNDLING MAT
72.	HARV-BUNDL-TRANSP
73.	BUNDLING-PILING
74.	HARVESTING
75.	HARVTG-THRESHING
76.	HARV-THRESH-WINNOW
77.	THRESHING-WINNOWING
78.	THRESHING
79.	WINNOWING
80.	TRANSPORTING
81.	BAGGING
83.	DRYING
84.	MILLING
85.	MARKETING
86.	STACKING STRAWS

100. ALL CROP ACTIVITIES
110. WATERING
111. BATHING
112. WATERING-BATHING
120. GRAZING
151. STALL FEEDING
152. CUTTING GRASS
153. HERDING
154. MILKING
155. PROCESSING-MARKETING
156. SANITATION
157. CLEANING SHED
158. MEDICATION
159. SHAVING

MONTH MONTH USED OR RECEIVED
1. JANUARY
2. FEBRUARY
3. MARCH
4. APRIL
5. MAY
6. JUNE
7. JULY
8. AUGUST
9. SEPTEMBER
10. OCTOBER
11. NOVEMBER
12. DECEMBER

WEEK WEEK USED OR RECEIVED
0. UNDETERMINED
1. 1ST WEEK
2. 2ND WEEK
3. 3RD WEEK
4. 4TH WEEK

AMOUNT AMOUNT IN HOURS, KG OR LITER

MODE MODE OF PAYMENT OR RECEIPT
1. CASH
2. KIND
3. CASH & KIND

VALUE VALUE
HHCODE HH CODE
PRJCODE PROJECT CODE
210. WET SEASON 1979
213. DRY SEASON 1980
220. WET SEASON 1980

Appendix B.2

DOCUMENTATION FOR FORM 911A HH MEMBERS WITH WORK OUTSIDE OWN FARM

Variable	Description
HHDSEX	SEX OF HH MEMBER 0. NON-HH HEAD 1. MALE 2. FEMALE
HMCODE	HH MEMBER CODE 1. FARMER OR HH HEAD 2. SPOUSE 12. CHILD LT 10 YRS 13. MALE GE 10 YRS 14. FEMALE GE 10 YRS
AGE	AGE OF HH MEMBER
EDUCN	EDUCATIONAL LEVEL IN YRS
NYRFARM	YEARS OF FARMING EXPERIENCE
OTHWORK	TYPE OF SUPPLEMENTARY WORK 0. NONE 11. AGRICULTURE 12. FORESTRY 13. FISHERY 14. HANDICRAFT 15. INDUSTRY 16. COMMERCE 17. SERVICES
EMPLSTAT	STATUS OF EMPLOYMENT 1. EMPLOYEE 2. SELF-EMPLOYED
DWRKJAN	DAYS WORKED IN JANUARY
DWRKFEB	DAYS WORKED IN FEBRUARY
DWRKMAR	DAYS WORKED IN MARCH
DWRKAPR	DAYS WORKED IN APRIL
DWRKMAY	DAYS WORKED IN MAY
DWRKJUN	DAYS WORKED IN JUNE
DWRKJUL	DAYS WORKED IN JULY
DWRKAUG	DAYS WORKED IN AUGUST
DWRKSEP	DAYS WORKED IN SEPTEMBER
DWRKOCT	DAYS WORKED IN OCTOBER
DWRKNOV	DAYS WORKED IN NOVEMBER
DWRKDEC	DAYS WORKED IN DECEMBER

CASH	TOTAL EARNINGS IN CASH
KIND	TOTAL EARNINGS IN KIND
CARDNO	CARD NUMBER
HHCODE	HH CODE
PRJCODE	PROJECT CODE

210. WET SEASON 1979
213. DRY SEASON 1980
220. WET SEASON 1980

DOCUMENTATION FOR FORM 911B NON-WORKING HH MEMBERS

Variable	Description
NWIVES	NUMBER OF WIVES
NMALE	NO. OF MALE ADULTS NOT WORKING
NFEMALE	NO. OF FEMALE ADULTS NOT WORKING
CHILDREN	NO. OF CHILDREN NOT WORKING
HHCODE	HH CODE
PRJCODE	PROJECT CODE
	210. WET SEASON 1979
	213. DRY SEASON 1980
	220. WET SEASON 1980

DOCUMENTATION FOR FORM 911C PERMANENT LABORERS

Variable	Description
AGE	AGE OF PERMANENT LABORER
SEX	SEX OF PERMANENT LABORER 1. MALE 2. FEMALE
DWRKJAN	NO. OF DAYS WORKED IN JANUARY
DWRKFEB	NO. OF DAYS WORKED IN FEBRUARY
DWRKMAR	NO. OF DAYS WORKED IN MARCH
DWRKAPR	NO. OF DAYS WORKED IN APRIL
DWRKMAY	NO. OF DAYS WORKED IN MAY
DWRKJUN	NO. OF DAYS WORKED IN JUNE
DWRKJUL	NO. OF DAYS WORKED IN JULY
DWRKAUG	NO. OF DAYS WORKED IN AUGUST
DWRKSEP	NO. OF DAYS WORKED IN SEPTEMBER
DWRKOCT	NO. OF DAYS WORKED IN OCTOBER
DWRKNOV	NO. OF DAYS WORKED IN NOVEMBER
DWRKDEC	NO. OF DAYS WORKED IN DECEMBER
CASH	TOTAL EARNINGS IN CASH - BATH PER YR
KIND	TOTAL EARNINGS IN KIND - BATH PER YR
ENTERPR	ENTERPRISE PL IS EMPLOYED 016. RICE 502. CARABAO 509. PIGS 600. CROP & LIVESTOCK
FOOD	WHETHER PL IS PROVIDED WITH FOOD 1. NO 2. YES
CLOTH	WHETHER PL IS PROVIDED WITH CLOTHING 1. NO 2. YES
LODGE	WHETHER PL IS PROVIDED WITH LODGING 1. NO 2. YES
LAND	WHETHER PL IS PROVIDED WITH LAND 1. NO 2. YES
OTHBEN	WHETHER PL HAS OTHER PROVISIONS 1. NO 2. YES
VALUE	CASH VALUE OF PROVISIONS
HHCODE	HH CODE
PRJCODE	PROJECT CODE 210. WET SEASON 1979 213. DRY SEASON 1980 220. WET SEASON 1980

DOCUMENTATION FOR FORM 911D HH MEMBER MONTHLY INCOMES

Variable	Description
HMCODE	HH MEMBER CODE
	1. FARMER OR HH HEAD
	2. SPOUSE
	12. CHILD LT 10 YRS
	13. MALE GE 10 YRS
	14. FEMALE GE 10 YRS
OTHWORK	TYPE OF SUPPLEMENTARY WORK
	11. AGRICULTURAL
	12. FORESTRY
	13. FISHERY
	14. HANDICRAFT
	15. INDUSTRY
	16. COMMERCE
	17. SERVICES
	26. AGRI & SERVICES
INCMJAN	TOTAL INCOME IN JANUARY
INCMFEB	TOTAL INCOME IN FEBRUARY
INCMMAR	TOTAL INCOME IN MARCH
INCMAPR	TOTAL INCOME IN APRIL
INCMMAY	TOTAL INCOME IN MAY
INCMJUN	TOTAL INCOME IN JUNE
INCMJUL	TOTAL INCOME IN JULY
INCMAUG	TOTAL INCOME IN AUGUST
INCMSEP	TOTAL INCOME IN SEPTEMBER
INCMOCT	TOTAL INCOME IN OCTOBER
INCMNOV	TOTAL INCOME IN NOVEMBER
INCMDEC	TOTAL INCOME IN DECEMBER
HHCODE	HH CODE
PRJCODE	PROJECT CODE
	210. WET SEASON 1979
	213. DRY SEASON 1980
	220. WET SEASON 1980

DOCUMENTATION FOR FORM 911E PERMANENT LABORER MONTHLY INCOME

Variable	Description
PLSEX	SEX OF PERMANENT LABORER 1. MALE 2. FEMALE
INCMJAN	TOTAL INCOME OF PL IN JANUARY
INCMFEB	TOTAL INCOME OF PL IN FEBRUARY
INCMMAR	TOTAL INCOME OF PL IN MARCH
INCMAPR	TOTAL INCOME OF PL IN APRIL
INCMMAY	TOTAL INCOME OF PL IN MAY
INCMJUN	TOTAL INCOME OF PL IN JUN
INCMJUL	TOTAL INCOME OF PL IN JUL
INCMAUG	TOTAL INCOME OF PL IN AUG
INCMSEP	TOTAL INCOME OF PL IN SEPTEMBER
INCMOCT	TOTAL INCOME OF PL IN OCTOBER
INCMNOV	TOTAL INCOME OF PL IN NOVEMBER
INCMDEC	TOTAL INCOME OF PL IN DECEMBER
HHCODE	HH CODE
PRJCODF	PROJECT CODE 210. WET SEASON 1979 213. DRY SEASON 1980 220. WET SEASON 1980

DOCUMENTATION FOR FORM 912 FARM LAND

Variable	Description
PSPID	PARCEL OR SUBPARCEL ID
AREA	PARCEL AREA IN HA
TEXTURE	SOIL TEXTURE 1. CLAY 2. CLAY LOAM 3. LOAM 4. SILT 5. SILT LOAM 6. SANDY 7. OTHERS 8. SANDY LOAM
COLOR	SOIL COLOR 1. RED 2. BROWN 3. BLACK 4. GREY 7. OTHERS
TOPOGR	TOPOGRAPHY OF PARCEL 1. FLAT 2. SLOPING 3. STEEP 4. VERY STEEP 5. TERRACED 7. OTHERS
FACTOR	RESTRICTING FACTORS 1. WATER LOGGING 2. GEN INFERTILITY 3. EROSION 4. ROCKS AND STONES 5. SANDINESS 6. MARSHINESS 7. SALINITY 77. OTHERS
IRRIGN	SOURCE OF IRRIGATION 0. NONE 1. TECHNICAL SYS DAM 2. BRUSH DIVERSION DAM 3. PUMPED FROM WELL 4. PUMPED FR SURFACE 7. OTHERS

VALUE FARMER ESTIMATE OF LAND VALUE
LANDTAX LAND TAX PAID PER SEASON

TENURE TENURE STATUS

10. OWNED
11. AMORTIZED
20. RENTED OUT
21. LEASED OUT
22. SHAREDCROPPED OUT
23. MORTGAGED OUT
27. OTHERS
30. RENTED IN
31. LEASED IN
32. VARIED RENTAL FEE
33. MORTGAGED IN
37. OTHERS

%PROD PERCENT OF PRODUCE RECEIVED
RENT RENT OF LAND IN CASH - BATH
CASHEQ CASH EQUIVALENT OF RENT IN KIND
IMPROVE1 LAND IMPROVEMENT - 1

1. LAND CLEARING
2. LEVELLING
3. TERRACING
5. LAND CONSOLIDATION
7. OTHERS

IMPROVE2 LAND IMPROVEMENT - 2

1. LAND CLEARING
2. LEVELLING
3. TERRACING
5. LAND CONSOLIDATION
7. OTHERS

CSEASON CROPPING SEASON

0. WHOLE YEAR
1. WET SEASON
2. 2ND CROPPING SEASON
3. 3RD CROPPING SEASON

ACQCOST ORIGINAL COST OF PARCEL
REPMAINT REPAIR AND MAINTENANCE IN PREVIOUS YEAR
HHCODE HH CODE
PRJCODE PROJECT CODE

210. WET SEASON 1979
213. DRY SEASON 1980
220. WET SEASON 1980

DOCUMENTATION FOR FORM 913 CROPS

Variable	Description
PSPID	PARCEL OR SUBPARCEL ID
AREA	AREA PLANTED IN HA
MAINCRP	MAIN CROP
	11. CORN
	16. RICE
	28. MUNG BEAN
	29. PEANUT
	166. CUCUMBER
	167. EGGPLANT
	168. OKRA
	169. TOMATOES
	270. FRESH CHILLIES
CROP2	SECOND CROP
	11. CORN
	16. RICE
	28. MUNG BEAN
	29. PEANUT
	166. CUCUMBER
	167. EGGPLANT
	168. OKRA
	169. TOMATOES
	270. FRESH CHILLIES
CROP3	THIRD CROP
	11. CORN
	16. RICE
	28. MUNG BEAN
	29. PEANUT
	166. CUCUMBER
	167. EGGPLANT
	168. OKRA
	169. TOMATOES
	270. FRESH CHILLIES
VARIETY	CROP VARIETY
	1. TRADITIONAL
	2. MODERN NONRICE
	30. IR71
	31. IR747
	32. 603
	33. 75 DAYS
	34. IR48
	35. IR50
	60. UNDET MODERN RICE
	62. IR8
	63. IR20

67. IR28
68. IR29
69. IR30
70. IR32
71. IR34
72. IR36
73. IR38
74. IR40
75. IR42
77. OTHERS
78. MRC39
90. IR44
91. IR46
92. IR247
93. IR2307

MIXPTR MIXTURE POINTER

PLTMETH METHOD OF PLANTING

10. BROADCASTING
20. TRANSPLANTING IRRIG
30. TRANSPL STRAIGH ROW
40. DIRECT SEEDLING

MONTH MONTH CROP WAS PLANTED

1. JANUARY
2. FEBRUARY
3. MARCH
4. APRIL
5. MAY
6. JUNE
7. JULY
8. AUGUST
9. SEPTEMBER
10. OCTOBER
11. NOVEMBER
12. DECEMBER

WEEK WEEK CROP WAS PLANTED

1. FIRST WEEK
2. SECOND WEEK
3. THIRD WEEK
4. FOURTH WEEK

CSEASON CROPPING SEASON

1. WET SEASON
2. 2ND CROPPING
3. THIRD CROPPING

HHCODE HH CODE

PRJCODE PROJECT CODE

210. WET SEASON 1979
213. DRY SEASON 1980
220. WET SEASON 19890

DOCUMENTATION FOR FORM 915 FARM MACHINERY

Variable	Description
ID915	MACHINE ID
TYPE	TYPE OF MACHINE OWNED 11. 2W-TRCTR WT ENG. 12. 4W-TRCTR WT ENG. 14. 2W-TRCTR WO ENG. 15. 4W-TRCTR WO ENG. 16. ENGINE 64. THRESHER WITH ENG. 65. THRESHER WO ENG. 67. RICE MILL 71. IRR PUMP WITH ENG. 73. IRR PUMP WO ENG. 77. OTHERS
HP	MACHINE HORSEPOWER
ENTERPR	ENTERPRISE MACHINE IS USED FOR 16. RICE
AGE	MACHINE AGE IN YEARS
%SHARE	PERCENT SHARE IF JOINTLY OWNED
ACQCOST	ACQUISITION COST OF MACHINE
FIXEDCST	TOTAL SEASONAL FIXED COST OF MACHINE
REPMAINT	SEASONAL REPAIR AND MAINTENANCE COST
FUELQTY	FUEL USED IN LITERS PER HOUR
FUELPR	FUEL PRICE IN BATH PER LITER
OILQTY	OIL USED IN LITERS PER 500 HRS
OILPR	OIL PRICE IN BATH PER LITER
OWNUSE	OWN USE IN HOURS PER SEASON
UNITRUSE	UNIT OF RENTAL USE
RENTUSE	AMOUNT OF RENTAL USE
INCOME	INCOME FROM RENTAL USE PER SEASON
HHCODE	HH CODE
PRJCODE	PROJECT CODE 210. WET SEASON 1979 213. DRY SEASON 1980 220. WET SEASON 1980

DOCUMENTATION FOR FORM 916 DRAFT ANIMALS

Variable	Description
TYPE	TYPE OF DRAFT ANIMAL OWNED 1. CATTLE-OXEN 2. BUFFALO-CARABAO 3. HORSE 4. DONKEY 77. OTHERS
BREED	BREED OF DRAFT ANIMAL 10. LOCAL 20. IMPROVED 30. MIXED
MGTPR1	FIRST MANAGEMENT PRACTICE 1. UNDETERMINED 2. HERDING-GRAZING 3. PADDOCKING 4. STALLFEEDING 5. LOOSE 6. TIED 7. OTHERS
MGTPR2	SECOND MANAGEMENT PRACTICE 1. UNDETERMINED 2. HERDING-GRAZING 3. PADDOCKING 4. STALLFEEDING 5. LOOSE 6. TIED 7. OTHERS
SUBTYPE	SUBTYPE OF DRAFT ANIMAL 11. MALE - UNDET AGE 12. MALE LT 6 MOS. 13. MALE LT 1 YR. 14. MALE 1-3 YRS. 15. MALE OVER 3 YRS. 21. FEMALE UNDET AGE 22. FEMALE LT 6 MOS. 23. FEMALE LT 1 YR. 24. FEMALE 1 -3 YRS. 25. FEMALE GT 3 YRS. 31. UNDET SEX AND AGE 32. UNDET SEX LT 6 MOS. 33. UNDET SEX LT 1 YR. 34. UNDET SEX 1-3 YRS. 35. UNDET SEX GT 3 YRS.

NUMBER	NO. OF DRAFT ANIMALS UNDER SUBTYPE
VALUE	VALUE OF DRAFT ANIMALS UNDER SUBTYPE
HHCODE	HH CODE
PRJCODE	PROJECT CODE
	210. WET SEASON 1979
	213. DRY SEASON 1980
	220. WET SEASON 1980

DOCUMENTATION FOR FORM 917 PRODUCTIVE ANIMALS

Variable	Description
TYPE	TYPE OF PRODUCTIVE ANIMAL OWNED 10. CATTLE 20. SHEEP 30. GOAT 40. BUFFALO 50. HORSE 60. DONKEY 80. POULTRY 81. DUCKS 90. PIG 77. OTHERS
BREED	BREED OF PRODUCTIVE ANIMAL 10. LOCAL 20. IMPROVED 30. MIXED
MGTPR	MANAGEMENT PRACTICE FOLLOWED 1. UNDETERMINED 2. HERDING-GRAZING 3. PADDOCKING 4. STALLFEEDING 5. LOOSE 6. TIED 7. OTHERS
PURPOSE	PURPOSE FOR KEEPING ANIMAL 1. MILK 2. MEAT 3. BREEDING 4. TRADITION 5. EGGS 7. OTHERS
SALECONS	WHETHER ANIMAL FOR SALE OR CONSUMPTION 1. SALE 2. HOME CONSUMPTION 3. SALE & HOME CONSMPTN
SUBTYPE	SUBTYPE OF PRODUCTIVE ANIMAL 11. MALE - UNDET AGE 12. MALE LT 6 MOS.

13. MALE LT 1 YR.
14. MALE 1-3 YRS.
15. MALE GT 3 YRS.
21. FEMALE UNDET AGE
22. FEMALE LT 6 MOS.
23. FEMALE LT 1 YR.
24. FEMALE 1 -3 YRS.
25. FEMALE GT 3 YRS.
31. UNDET SEX AND AGE
32. UNDET SEX LT 6 MOS.
33. UNDET SEX LT 1 YR.
34. UNDET SEX 1-3 YRS.
35. UNDET SEX GT 3 YRS.

NUMBER	NO. OF PRODUCTIVE ANIMALS UNDER SUBTYPE
VALUE	VALUE OF PROD ANIMALS UNDER SUBTYPE
HHCODE	HH CODE
PRJCODE	PROJECT CODE

210. WET SEASON 1979
213. DRY SEASON 1980
220. WET SEASON 1980

DOCUMENTATION FOR FORM 918 BUILDINGS

Variable	Description
TYPE	TYPE OF BUILDING 10. RESIDENTIAL HOUSE 20. M-PURPOSE FARM HSE 30. LIVESTOCK HOUSE 40. FARM HOUSE 70. MACHINE HOUSE 80. CROP STORAGE 77. OTHERS
MATERIAL	CONSTRUCTION MATERIALS BLDG MADE OF 1. LIGHT 2. MIXED 3. STRONG
CAPACITY	BUILDING CAPACITY : SQ. M.
ENTERPR	ENTERPRISE BLDG ATTRIBUTABLE TO 16. RICE 502. CARABAO 503. HORSE 510. CATTLE 520. SHEEP 530. GOATS 540. CARABAO 550. HORSES 580. POULTRY 590. PIGS 600. CROP & LIVESTOCK
AGE	AGE OF BUILDING IN YEARS
MAINT	REPAIR & MAINTENANCE COSTS LAST YR
ORCOST	ORIGINAL CONSTRUCTION COST OF BUILDING
HHCODE	HH CODE
PRJCODE	PROJECT CODE 210. WET SEASON 1979 213. DRY SEASON 1980 220. WET SEASON 1980

DOCUMENTATION FOR FORM 919 FARM IMPLEMENTS/TOOLS

Variable	Description
TYPE	TYPE OF HAND IMPLEMENTS tOOLS OWNED
	11. OX PLOW
	12. HOE
	13. FORK
	15. SPADE
	16. HARROW
	17. RAKE
	21. MOULD BOARD PLOUGH
	22. DISC PLOUGH
	23. CHISEL PLOUGH
	24. ROTOVATOR
	31. DISC HARROW
	35. COMB HARROW
	45. SPRAYER
	46. WEEDER
	65. BIG THRESHER
	71. MACHET
	72. IRRIGATION PIPE
	73. SICKLE OR SCYTHE
	74. WINNOWER
	75. BLOWER
	76. FLAIL
	77. OTHERS
	89. TRANSPLANTER
	91. BASKET
	92. SACKS
	93. AXE
NUMBER	NO. OF IMPLEMENTS-TOOLS
VALUE	SALES VALUE OF IMPLEMENTS -TOOLS
HHCODE	HH CODE
PRJCODE	PROJECT CODE
	210. WET SEASON 1979
	213. DRY SEASON 1980
	220. WET SEASON 1980

DOCUMENTATION FOR FORM 920 FINANCIAL LIABILITIES

Variable	Description
TYPE	TYPE OF FINANCIAL LIABILITY 1. CREDIT 2. LOAN 3. MORTGAGED 7. OTHERS
MONTH	MONTH LIABILITY WAS INCURRED 1. JANUARY 2. FEBRUARY 3. MARCH 4. APRIL 5. MAY 6. JUNE 7. JULY 8. AUGUST 9. SEPTEMBER 10. OCTOBER 11. NOVEMBER 12. DECEMBER
DURATION	TOTAL DURATION OF FINANCING IN MONTHS
INTEREST	% INTEREST PER ANNUM PAID FOR FINANCING
FORM	FORM FINANCING WAS RECEIVED 1. CASH 2. KIND 3. CASH & KIND
AMOUNT	TOTAL AMOUNT OF FINANCIAL LIABILITY
SECURITY	SECURITY GIVEN FOR THE FINANCING 0. NONE 1. PERSONAL NOTE 2. LAND 3. CROPS 4. AGRI PRODUCTS 5. LIVESTOCK 6. BUILDING 7. OTHERS
PURPOSE1	1ST PURPOSE FOR INCURRING LIABILITY 1. LONGTERM AG INVEST. 2. OTH INDUSTRY INV. 3. SEASONL FARM EXP.

4. CONSUMPTION
5. FAMILY EXPENSES
6. MACHINE PURCHASE
7. OTHERS

PURPOSE2 2ND PURPOSE FOR INCURRING LIABILITY

1. LONGTERM AG INVEST.
2. OTH INDUSTRY INV.
3. SEASONL FARM EXP.
4. CONSUMPTION
5. FAMILY EXPENSES
6. MACHINE PURCHASE
7. OTHERS

SOURCE SOURCE OF FINANCING

1. PRIVATE BANK
2. COOPERATIVE
3. LANDLORD
4. FRIEND--RELATIVE
5. MIDDLEMEN
6. GOV'T THRU BANK
7. INPUT DEALER
77. OTHERS

CSEASON CROPPING SEASON

1. WET SEASON
2. 2ND SEASON
3. 3RD SEASON

HHCODE HH CODE

PRJCODE PROJECT CODE

210. WET SEASON 1979
213. DRY SEASON 1980
220. WET SEASON 1980

DOCUMENTATION FOR FORM 921 INVENTORY CHANGES

Variable	Description
SMGROUP	SUBJECT & MAIN GROUP CHANGE OCCURRED
	911001. FARMER OR HH HEAD
	911002. SPOUSE
	911012. CHILD LT 10 YRS
	911013. MALE GE 10 YRS
	911014. FEMALE GE 10 YRS
	911023. MALE PERM LABORER
	911024. FEMALE PERM LABORER
	912010. PARCEL 1
	912020. PARCEL 2
	913011. CORN CROP
	913016. RICE CROP
	915011. 2WT PERM ENGINE
	915012. 4WT PERM ENGINE
	915064. THRESHER PERM ENG
	915067. RICE MILL
	915071. IRRIGN PUMP
	916001. DRAFT CATTLE
	916002. DRAFT CARABAO
	916003. DRAFT HORSE
	917010. PROD CATTLE
	917020. SHEEP
	917030. GOATS
	917040. PROD CARABAO
	917050. PROD HORSE
	917080. POULTRY
	917081. DUCKS
	917090. PIGS
	918010. MULTI FARM HOUSE
	918030. LIVESTOCK HOUSE
	918040. FARM HOUSE
	918070. MACHINE HOUSE
	918080. CROP HOUSE
	919011. OX PLOW
	919022. DISC PLOW
	919024. ROTOVATOR
	919031. DISC HARROW
	919045. SPRAYER
	919072. IRRIGATION PIPES
	919073. SICKLE
	919074. WINNOWER
	920001. CREDIT
	920002. LOAN
	920003. MORTGAGE
	934001. CAR
	934002. JEEP
	934003. TRUCK

934004. MOTORIZED TRICYCLE
934005. MOTORCYCLE
934006. BICYCLE
934008. TRICYLE WO MOTOR
935001. RADIO
935002. BED
935003. SALA SET
935004. DRESSER
935005. GAS STOVE
935006. FLAT IRON
935007. LANTERN
935008. CLOCK OR WATCH
935009. CAMERA
935010. RECORD PLAYER
935011. REFRIGERATOR
935012. TELEVISION
935013. ELECTRIC FAN
935014. KITCHEN WARES
935015. DINING SET
935016. HH WATER PUMP
935017. SEWING MACHINE

SUBTYPE SUBTYPE OF LIVESTOCK CHANGE OCCURRED

11. MALE - UNDET AGE
12. MALE LT 6 MOS.
13. MALE LT 1 YR.
14. MALE 1-3 YRS.
15. MALE GT 3 YRS.
21. FEMALE UNDET AGE
22. FEMALE LT 6 MOS.
23. FEMALE LT 1 YR.
24. FEMALE 1-3 YRS.
25. FEMALE GT 3 YRS.
31. UNDET SEX AND AGE
32. UNDET SEX LT 6 MOS.
33. UNDET SEX LT 1 YR.
34. UNDET SEX 1-3 YRS.
35. UNDET SEX GT 3 YRS.

TYPECH TYPE OF CHANGE

1. BIRTH
2. DEATH OR DESTRUCTION
3. SALE
4. CONSUMPTN--GIVEN
5. PURCHASE-CONSTRUCTN
6. ARRIVAL
7. REPAYMENT
8. APPRECIATION

MONTH	MONTH CHANGE OCCURRED
	1. JANUARY
	2. FEBRUARY
	3. MARCH
	4. APRIL
	5. MAY
	6. JUNE
	7. JULY
	8. AUGUST
	9. SEPTEMBER
	10. OCTOBER
	11. NOVEMBER
	12. DECEMBER
WEEK	WEEK CHANGE OCCURRED
	0. UNDETERMINED
	1. FIRST
	2. SECOND
	3. THIRD
	4. FOURTH
QTYCH	AMOUNT--NUMBERS THAT CHANGED
MODE	WHETHER CHANGE OCCURRED IN CASH OR KIND
	1. CASH
	2. KIND
VALUE	TOTAL VALUE OF THE CHANGE
CSEASON	CROPPING SEASON
	1. WET SEASON
	2. 2ND SEASON
	3. 3RD SEASON
HHCODE	HH CODE
PRJCODE	PROJECT CODE
	210. WET SEASON 1979
	213. DRY SEASON 1980
	220. WET SEASON 1980

Appendix B.3

DOCUMENTATION FOR FORM 930 DEMOGRAPHIC INFORMATION

Variable	Description
AGEWIFE1	AGE OF FIRST WIFE AT MARRIAGE
BIRTHW1	NO. OF TIMES WIFE1 GAVE BIRTH
CHLDRW1	NO. OF CHILDREN THAT WIFE1 DIED
AGEWIFE2	AGE OF SECOND WIFE AT MARRIAGE
BIRTHW2	NO. OF TIMES WIFE2 GAVE BIRTH
CHLDRW2	NO. OF CHILDREN THAT WIFE2 DIED
NONPERM	# NON-PERM HHM RETURNED TO HELP IN FARM
NPLPREP	# NON-PERM HHM HELPING IN LAND PREPN
NPPLANT	# NON-PERM HHM HELPING IN PLANTING
NPWCHEM	# NON-PERM HELPING IN WEEDING-CHEM APPL.
NPHVTHR	# NON-PERM HHM HELPING IN HARVSTG-THRSHG
NPDAYCS	# DAYS NON-PERM HHM CONTRIBUTED THIS CS
YRMECH	YEAR FARM HH USED MACHINES IN LAND PREPN
NHMMECH	# HHM PERMANENTLY LEFT HH AFTER MECH
HM1MECH	HH MEMBER 1 LEAVING PERM. AFTER MECH 1. FARMER 2. SPOUSE 12. CHILD LT 10 YRS 13. MALE GT 10 YRS 14. FEMALE GT 10 YRS
HM2MECH	HH MEMBER 2 LEAVING PERM. AFTER MECH 1. FARMER 2. SPOUSE 12. CHILD LT 11 YRS 13. MALE GT 10 YRS 14. FEMALE GT 10 YRS
HM3MECH	HH MEMBER 3 LEAVING PERM. AFTER MECH 1. FARMER 2. SPOUSE 12. CHILD LT 11 YRS 13. MALE GT 10 YRS 14. FEMALE GT 10 YRS
HM4MECH	HH MEMBER 4 LEAVING PERM. AFTER MECH 1. FARMER 2. SPOUSE

12. CHILD LT 11 YRS
13. MALE GT 10 YRS
14. FEMALE GT 10 YRS

HM5MECH HH MEMBER 5 LEAVING PERM. AFTER MECH
0. DID NOT LEAVE
1. FARMER
2. SPOUSE
12. CHILD LT 11 YRS
13. MALE GT 10 YRS
14. FEMALE GT 10 YRS

HM1RSNM REASON FOR LEAVING AFTER MECH - HHM 1
1. TO STUDY
2. TO FIND WORK
3. TO FIND BETTER JOB
4. TO GET MARRIED
5. TO JOIN RELATIVES
77. OTHERS

HM2RSNM REASON FOR LEAVING AFTER MECH - HHM 2
1. TO STUDY
2. TO FIND WORK
3. TO FIND BETTER JOB
4. TO GET MARRIED
5. TO JOIN RELATIVES
77. OTHERS

HM3RSNM REASON FOR LEAVING AFTER MECH - HHM 3
1. TO STUDY
2. TO FIND WORK
3. TO FIND BETTER JOB
4. TO GET MARRIED
5. TO JOIN RELATIVES
77. OTHERS

HM4RSNM REASON FOR LEAVING AFTER MECH - HHM 4
1. TO STUDY
2. TO FIND WORK
3. TO FIND BETTER JOB
4. TO GET MARRIED
5. TO JOIN RELATIVES
77. OTHERS

HM5RSNM REASON FOR LEAVING AFTER MECH - HHM 5
1. TO STUDY
2. TO FIND WORK
3. TO FIND BETTER JOB
4. TO GET MARRIED
5. TO JOIN RELATIVES
77. OTHERS

NSMWMECH # HHM SEASONAL MIGRATION WORKR AFTR MECH
YRIRRN YEAR FARM HH GOT ITS IRRIGATION SUPPLY
NHMIRRN # OF PEOPLE MIGRATING AFTER IRRIGATION
HM1IRRN HH MEMBER 1 LEAVING PERM. AFTER IRRIGN
1. FARMER
2. SPOUSE
12. CHILD LT 11 YRS
13. MALE GT 10 YRS
14. FEMALE GT 10 YRS

HM2IRRN HH MEMBER 2 LEAVING PERM. AFTER IRRIGN
1. FARMER
2. SPOUSE
12. CHILD LT 11 YRS
13. MALE GT 10 YRS
14. FEMALE GT 10 YRS

HM3IRRN HH MEMBER 3 LEAVING PERM. AFTER IRRIGN
1. FARMER
2. SPOUSE
12. CHILD LT 11 YRS
13. MALE GT 10 YRS
14. FEMALE GT 10 YRS

HM4IRRN HH MEMBER 4 LEAVING PERM. AFTER IRRIGN
1. FARMER
2. SPOUSE
12. CHILD LT 11 YRS
13. MALE GT 10 YRS
14. FEMALE GT 10 YRS

HM5IRRN HH MEMBER 5 LEAVING PERM. AFTER IRRIGN
1. FARMER
2. SPOUSE
12. CHILD LT 11 YRS
13. MALE GT 10 YRS
14. FEMALE GT 10 YRS

HM1RSNI REASON FOR LEAVING AFTER IRRIGN - HHM 1
1. TO STUDY
2. TO FIND WORK
3. TO FIND BETTER JOB
4. TO GET MARRIED
5. TO JOIN RELATIVES
77. OTHERSL.$VLB# NO

HM2RSNI REASON FOR LEAVING AFTER IRRIGN - HHM 2

1. TO STUDY
2. TO FIND WORK
3. TO FIND BETTER JOB
4. TO GET MARRIED
5. TO JOIN RELATIVES
77. OTHERS

HM3RSNI REASON FOR LEAVING AFTER IRRIGN - HHM 3

1. TO STUDY
2. TO FIND WORK
3. TO FIND BETTER JOB
4. TO GET MARRIED
5. TO JOIN RELATIVES
77. OTHERS

HM4RSNI REASON FOR LEAVING AFTER IRRIGN - HHM 4

1. TO STUDY
2. TO FIND WORK
3. TO FIND BETTER JOB
4. TO GET MARRIED
5. TO JOIN RELATIVES
77. OTHERS

HM5RSNI REASON FOR LEAVING AFTER IRRIGN - HHM 5

1. TO STUDY
2. TO FIND WORK
3. TO FIND BETTER JOB
4. TO GET MARRIED
5. TO JOIN RELATIVES
77. OTHERS

NSMWIRRN # HHM SEASNL MIGRATN WORKER AFTER IRRIGN
HHCODE HH CODE
PRJCODE PROJECT CODE

210. WET SEASON 1979
213. DRY SEASON 1980
220. WET SEASON 1980

DOCUMENTATION FOR FORM 931 LL'S CONTRIBUTION TO CULTIVATION EXPENSES

Variable	Description
PSPID1	PARCEL OR SUBPARCEL ID: RENTED-IN
TENURE1	TENURE STATUS OF PARCEL: RENTED-IN 31. LEASED-IN 32. SHARED-CROPPED-IN 33. MORTGAGED-IN 37. OTHERS
CONTRIB1	WHETHER LL CONTRIBUTES TO CULTIVATION CO 0. NO 1. YES
%LPREP1	% LL'S CONTRIBUTION: LAND PREPN COST
%SEED1	% LL'S CONTRIBUTION: SEED COSTS
%PLNTG1	% LL'S CONTRIBUTION: PLANTING LABOR COST
%FERT1	% LL'S CONTRIBUTION: FERTILIZER COSTS
%PEST1	% LL'S CONTRIBUTION: PESTICIDE COSTS
%WEEDG1	% LL'S CONTRIBUTION: WEEDING LABOR COSTS
%HARVST1	% LL'S CONTRIBUTION: HARVESTING COSTS
%THRWIN1	% LL'S CONTRIBUTION: THRSHG-WINNOWNG COS
PSPIDO	PARCEL OR SUBPARCEL ID: RENTED-OUT
TENUREO	TENURE STATUS OF PARCEL: RENTED-OUT 21. LEASED-OUT 22. SHARE-CROPPED-OUT 23. MORTGAGED-OUT 27. OTHERS
CONTRIBO	WHETHER R CONTRIBUTES TO CULTIVATN COST 0. NO 1. YES
%LPREPO	% R'S CONTRIBUTION: LAND PREPN COST
%SEEDO	% R'S CONTRIBUTION: SEED COSTS
%PLNTGO	% R'S CONTRIBUTION: PLANTING LABOR COST
%FERTO	% R'S CONTRIBUTION: FERTILIZER COSTS
%PESTO	% R'S CONTRIBUTION: PESTICIDE COSTS
%WEEDGO	% R'S CONTRIBUTION: WEEDING LABOR COST
%HARVSTO	% R'S CONTRIBUTION: HARVESTING COSTS
%THRWINO	% R'S CONTRIBUTION: THRESHG-WINNOWNG COS

CSEASON	CROPPING SEASON	
		1. WET SEASON
		2. 2ND CROPPING
		3. 3RD CROPPING
SSPID1	SUB-SUBPARCEL ID	
HHCODE	HH CODE	
PRJCODE	PROJECT CODE	
		210. WET SEASON 1979
		213. DRY SEASON 1980
		220. WET SEASON 1980

DOCUMENTATION FOR FORM 932 CROPPING PATTERN HISTORY

Variable	Description
PSPID	PARCEL OR SUBPARCEL ID
YRCODE	YEAR CODE 1. RAINFED 2. IRRIGATED 1 CROP 3. IRRIGATED 2 CROPS 4. IRRIGATED 3 CROPS
YEAR	YEAR
CULTIVN	CULTIVATION STATUS 0. USED FOR CULTIVN 1. NOT USED FOR CULTIVN 2. USED BY OTHERS
AREA	PARCEL AREA IN HA
IRRIGN	IRRIGATION STATUS OF PARCEL
TENURE	TENURE STATUS OF PARCEL 10. OWNED 11. AMORTIZED 21. LEASED-OUT 22. SHARED-CROPPED: RO 23. MORTGAGED-OUT 27. OTHER RENT-OUT 31. LEASED-IN 32. SHARE-CROPPED: RI 33. MORTGAGED-IN 37. OTHER RENT-IN
AREAWS	AREA CULTIVATED IN WET SEASON--RAI
IRRNWS	IRRIGATION ADEQUACY IN WET SEASON 1. CONSTANT SUPPLY 2. INSUFF-LAND PREP 3. INSUFF EARLY STAGE 4. INSUFF LATE STAGE 5. INSUFF > 1 STAGE 6. INSUFF WHOLE PARCEL 7. UNIQUE DESCRIPTION
CROP1WS	MAIN CROP IN WET SEASON 11. CORN 16. RICE 28. MUNGBEANS 29. PEANUTS 32. CASSAVA 33. SWEET POTATO

164. SQUASH
165. GOURD
166. CUCUMBER
167. EGGPLANT
168. OKRA
169. TOMATO
170. CHILLI
172. AMPALAYA
173. PUMPKIN
193. STRINGBEAN
194. WINGED BEAN
499. FALLOW

CROP2WS SECOND CROP IN WET SEASON
11. CORN
16. RICE
28. MUNGBEANS
29. PEANUTS
32. CASSAVA
33. SWEET POTATO
164. SQUASH
165. GOURD
166. CUCUMBER
167. EGGPLANT
168. OKRA
169. TOMATO
170. CHILLI
172. AMPALAYA
173. PUMPKIN
193. STRINGBEAN
194. WINGED BEAN
499. FALLOW

CROP3WS THIRD CROP IN WET SEASON
11. CORN
16. RICE
28. MUNGBEANS
29. PEANUTS
32. CASSAVA
33. SWEET POTATO
164. SQUASH
165. GOURD
166. CUCUMBER
167. EGGPLANT
168. OKRA
169. TOMATO
170. CHILLI

172. AMPALAYA
173. PUMPKIN
193. STRINGBEAN
194. WINGED BEAN
499. FALLOW

AREADS1 AREA CULTIVATED IN DRY SEASON 1--HA

IRRNDS1 IRRIGATION ADEQUACY IN DRY SEASON 1

1. CONSTANT SUPPLY
2. INSUFF-LAND PREP
3. INSUFF EARLY STAGE
4. INSUFF LATE STAGE
5. INSUFF > 1 STAGE
6. INSUFF WHOLE PARCEL
7. UNIQUE DESCRIPTION

CROP1DS1 MAIN CROP IN DRY SEASON 1

11. CORN
16. RICE
28. MUNGBEANS
29. PEANUTS
32. CASSAVA
33. SWEET POTATO
164. SQUASH
165. GOURD
166. CUCUMBER
167. EGGPLANT
168. OKRA
169. TOMATO
170. CHILLI
172. AMPALAYA
173. PUMPKIN
193. STRINGBEAN
194. WINGED BEAN
499. FALLOW

CROP2DS1 SECOND CROP IN DRY SEASON 1

11. CORN
16. RICE
28. MUNGBEANS
29. PEANUTS
32. CASSAVA
33. SWEET POTATO
164. SQUASH
165. GOURD
166. CUCUMBER
167. EGGPLANT
168. OKRA
169. TOMATO

170. CHILLI
172. AMPALAYA
173. PUMPKIN
193. STRINGBEAN
194. WINGED BEAN
499. FALLOW

CROP3DS1 THIRD CROP IN DRY SEASON 1
11. CORN
16. RICE
28. MUNGBEANS
29. PEANUTS
32. CASSAVA
33. SWEET POTATO
164. SQUASH
165. GOURD
166. CUCUMBER
167. EGGPLANT
168. OKRA
169. TOMATO
170. CHILLI
172. AMPALAYA
173. PUMPKIN
193. STRINGBEAN
194. WINGED BEAN
499. FALLOW

AREADS2 AREA CULTIVATED IN DRY SEASON 2--HA

IRRNDS2 IRRIGATION ADEQUACY IN DRY SEASON 2
1. CONSTANT SUPPLY
2. INSUFF-LAND PREP
3. INSUFF EARLY STAGE
4. INSUFF LATE STAGE
5. INSUFF > 1 STAGE
6. INSUFF WHOLE PARCEL
7. UNIQUE DESCRIPTION

CROP1DS2 MAIN CROP IN DRY SEASON 2
11. CORN
16. RICE
28. MUNGBEANS
29. PEANUTS
32. CASSAVA
33. SWEET POTATO
164. SQUASH
165. GOURD
166. CUCUMBER
167. EGGPLANT
168. OKRA
169. TOMATO
170. CHILLI
172. AMPALAYA
173. PUMPKIN

193. STRINGBEAN
194. WINGED BEAN
499. FALLOW

CROP2DS2 SECOND CROP IN DRY SEASON 2
11. CORN
16. RICE
28. MUNGBEANS
29. PEANUTS
32. CASSAVA
33. SWEET POTATO
164. SQUASH
165. GOURD
166. CUCUMBER
167. EGGPLANT
168. OKRA
169. TOMATO
170. CHILLI
172. AMPALAYA
173. PUMPKIN
193. STRINGBEAN
194. WINGED BEAN
499. FALLOW

CROP3DS2 SECOND CROP IN DRY SEASON 2
11. CORN
16. RICE
28. MUNGBEANS
29. PEANUTS
32. CASSAVA
33. SWEET POTATO
164. SQUASH
165. GOURD
166. CUCUMBER
167. EGGPLANT
168. OKRA
169. TOMATO
170. CHILLI
172. AMPALAYA
173. PUMPKIN
193. STRINGBEAN
194. WINGED BEAN
499. FALLOW

SSPID SUB-SUBPARCEL ID
HHCODE HH CODE
PRJCODE PROJECT CODE
210. WET SEASON 1979
213. DRY SEASON 1980
220. WET SEASON 1980

DOCUMENTATION FOR FORM 933 MACHINE USE & CHANGES FROM YEAR BEFORE MECHANIZATION

Variable	Description
PSPID	PARCEL OR SUBPARCEL ID
MUSELP	WHETHER MACHINE USED IN LAND PREP 0. NO: PERMANENTLY 1. YES: PERMANENTLY 2. NO: TEMPORARILY 3. YES: TEMPORARILY
YRMECH	YEAR MACHINE WAS FIRST USED IN LAND PREP
MACHTYPE	TYPE OF MACHINE USED IN LAND PREPN 11. TWO-WHEEL TRACTOR 12. FOUR WHEEL TRACTOR 13. 2-WH & 4-WH TRACTOR
RSN1MUSE	1ST REASON FOR USING MACHINE 1. CHEAPER 2. TIMELINESS 3. MAN-ANIMAL NOT AVAIL 4. BETTER PLOUGH 5. EASIER 6. TRANSPORT USE 7. SAVES TIME 8. INCREASE INCOME 9. EXPAND FARM 10. LESSENS WEEDS 11. INCREASES YIELD 12. AVOID BOREDOM 13. PRESTIGE 14. CAN RECLAIM LAND 77. OTHERS
RSN2MUSE	2ND REASON FOR USING MACHINE 1. CHEAPER 2. TIMELINESS 3. MAN-ANIMAL NOT AVAIL 4. BETTER PLOUGH 5. EASIER 6. TRANSPORT USE 7. SAVES TIME 8. INCREASE INCOME 9. EXPAND FARM 10. LESSENS WEEDS 11. INCREASES YIELD 12. AVOID BOREDOM 13. PRESTIGE 14. CAN RECLAIM LAND 77. OTHERS

RSN3MUSE 3RD REASON FOR USING MACHINE
1. CHEAPER
2. TIMELINESS
3. MAN-ANIMAL NOT AVAIL
4. BETTER PLOUGH
5. EASIER
6. TRANSPORT USE
7. SAVES TIME
8. INCREASE INCOME
9. EXPAND FARM
10. LESSENS WEEDS
11. INCREASES YIELD
12. AVOID BOREDOM
13. PRESTIGE
14. CAN RECLAIM LAND
77. OTHERS

CRPGPCH CHANGE IN CROPPING PATTERN SINCE MECH
0. NO
1. YES

YRCRPGCH YEAR CROPPING PATTERN CHANGED OCCURRED

CRPGCH1 ADDL CROP BEC. OF IMPROVED IRRIGATN
0. NO
1. YES

CRPGCH2 ADDL CROP BECAUSE OF MECHANIZATION
0. NO
1. YES

CRPGCH3 MORE PROFITABLE TO PLANT ADDL CROP
0. NO
1. YES

CRPGCH4 NOT ENOUGH H2O TO PLANT ANOTHER CROP
0. NO
1. YES

CRPGCH5 OTHER REASON FOR CROPPING PATTERN CHANGE
0. NO
1. YES

IRRIGCH ANY CHANGE IN WATER SUPPLY SINCE MECH
0. NO
1. YES

YRIRRCH YEAR CHANGE IN WATER SUPPLY OCCURRED

IRRCH1 CONSTRUCTION OF CONCRETE DAM
0. NO
1. YES

IRRCH2 CONSTRUCTION OF BRUSH DIVERSION DAM
0. NO
1. YES

IRRCH3 CONSTRUCTION OF WATER GATES
0. NO
1. YES

IRRCH4 CONSTRUCTION OF NEW CANALS
0. NO
1. YES

IRRCH5 REHABILATION OF OLD SYSTEM
0. NO
1. YES

IRRCH6 INSTALLATION OF SYSTEM PUMP
0. NO
1. YES

IRRCH7 INSTALLATION OF FARM LEVEL PUMP
0. NO
1. YES

IRRCH8 WATER SUPPLY HAS STOPPED-BECAME POOR
0. NO
1. YES

IRRCH9 OTHER CHANGES IN IRRIGATION SUPPLY
0. NO
1. YES

TENURECH ANY CHANGE IN TENURE STATUS SINCE MECH
0. NO
1. YES

YRTENRCH YEAR CHANGE IN TENURE STATUS OCCURRED
TENURCH1 LAND REFORM
0. NO
1. YES

TENURCH2 HAD ENOUGH MONEY TO ACQUIRE LAND
0. NO
1. YES

TENURCH3 OTHER REASON FOR CHANGE IN TENURE STATUS
0. NO
1. YES

CSEASON	CROPPING SEASON	
		1. WET SEASON
		2. 2ND CROPPING
		3. 3RD CROPPING
SSPID	SUB-SUBPARCEL ID	
HHCODE	HH CODE	
PRJCODE	PROJECT CODE	
		210. WET SEASON 1979
		213. DRY SEASON 1980
		220. WET SEASON 1980

DOCUMENTATION FOR FORM 934 OTHER ASSETS: NON-AGRICULTURAL LAND & VEHICLES

Variable	Description
NLAND	NO. OF NON-AGRICULTURAL LAND OWNED
LND1TYPE	TYPE OF LAND-1 1. COMMERCIAL 2. RESIDENTIAL 7. OTHERS
LND1AREA	AREA OF LAND-1 IN SQ. M.
L1VALUE	PRESENT SALES VALUE OF LAND-1
LND2TYPE	TYPE OF LAND-2 1. COMMERCIAL 2. RESIDENTIAL 7. OTHERS
LND2AREA	AREA OF LAND-2 IN SQ. M.
L2VALUE	PRESENT SALES VALUE OF LAND-2
NVEHICLE	NO. OF VEHICLES OWNED
VEH1TYPE	TYPE OF VEHICLE-1 1. CAR 2. JEEP 3. TRUCK 4. MOTORIZED TRICYCLE 5. MOTORCYCLE 6. BICYCLE 7. OTHERS 8. TRICYCLE
VEH1AGE	AGE OF VEHICLE-1 IN YEARS
V1ACQCST	ACQUISITION COST OF VEHICLE-1
V1MAINT	MAINTENANCE COST OF VEHICLE-1 PREV. YR
VEH2TYPE	TYPE OF VEHICLE-2 1. CAR 2. JEEP 3. TRUCK 4. MOTORIZED TRICYCLE 5. MOTORCYCLE 6. BICYCLE 7. OTHERS 8. TRICYCLE

VEH2AGE	AGE OF VEHICLE-2 IN YEARS
V2ACQCST	ACQUISITION COST OF VEHICLE-2
V2MAINT	MAINTENANCE COST OF VEHICLE-2 PREV. YR
VEH3TYPE	TYPE OF VEHICLE-3

1. CAR
2. JEEP
3. TRUCK
4. MOTORIZED TRICYCLE
5. MOTORCYCLE
6. BICYCLE
7. OTHERS
8. TRICYCLE

VEH3AGE	AGE OF VEHICLE-3 IN YEARS
V3ACQCST	ACQUISITION COST OF VEHICLE-3
V3MAINT	MAINTENANCE COST OF VEHICLE-3 PREV. YR
HHCODE	HH CODE
PRJCODE	PROJECT CODE

210. WET SEASON 1979
213. DRY SEASON 1980
220. WET SEASON 1980

DOCUMENTATION FOR FORM 935 ASSETS: HOME CONSUMER DURABLES

Variable	Description
TYPE	TYPE OF HOME CONSUMER DURABLE OWNED 1. RADIO 2. BED 3. SALA SET 4. DRESSER 5. BURNER 6. FLAT IRON 7. LANTERN 8. CLOCK 9. CAMERA 10. RECORD PLAYER 11. REFRIGERATOR 12. TELEVISION 13. ELECTRIC FAN 14. KITCHEN WARES 15. DINING SET 16. HHOLD WATER PUMP 17. SEWING MACHINE 18. ELECTRIC GENERATOR 19. ELECTRIC IRON 20. RICE COOKER 77. OTHERS
AGE	AGE IN YEARS
ACQCOST	ACQUISITION COST
PVALUE	PURCHASING VALUE OF ALL DURABLES
HHCODE	HH CODE
PRJCODE	PROJECT CODE 210. WET SEASON 1979 213. DRY SEASON 1980 220. WET SEASON 1980

DOCUMENTATION FOR FORM 936 DECISION MAKING RE: MACHINE PURCHASE

Variable	Description
ID936	MACHINE ID
TYPE	TYPE OF MACHINE
	11. 2W-TRCTR WT ENG.
	12. 4W-TRCTR WT ENG.
	13. CRAWLER TRACTOR
	14. 2W-TRCTR WO ENG.
	15. 4W-TRCTR WO ENG.
	16. ENGINE
	64. THRESHER WT ENG.
	65. THRESHER WO ENG.
	67. RICE MILL
	71. IRR PUMP WT ENG.
	73. IRR PUMP WO ENG.
	77. OTHERS
HP	MACHINE HORSEPOWER
POWER	FUEL-POWER USED
	1. GASOLINE
	2. DIESEL
	3. KEROSENE
	4. ELECTRICITY
IMPLEMNT	IMPLEMENT REGULARLY ATTACHED TO MACHINE
	21. MOULD BOARD PLOUGH
	22. DISC PLOUGH
	23. CHISEL PLOUGH
	24. ROTOVATOR
	25. PLOW & HARROW
	31. DISC--COMB HAROW
	33. CULTIVATOR
	34. SUBSOILER
	41. SEED DRILLER
	42. PLANTER
	45. WINNOWER
	66. WAGON OR TRACTOR
	72. IRRIGATION PIPES
	77. OTHERS
PURCH1	MADE DECISION TO PURCHASE MACHINE - 1
	1. FAMILY MEMBER
	2. EXTENSION WORKER
	3. MACHINE DEALER
	4. FARMER'S ORGANIZATION
	5. VILLAGE HEAD
	6. FELLOW FARMER
	7. OTHERS

PURCH2 MADE DECISION TO PURCHASE MACHINE - 2

1. FAMILY MEMBER
2. EXTENSION WORKER
3. MACHINE DEALER
4. FARMER'S ORGANIZATION
5. VILLAGE HEAD
6. FELLOW FARMER
7. OTHERS

ADV1 1ST ADVANTAGE OF OWNING MACHINE

1. CHEAPER
2. TIMELINESS
3. NO MAN-ANIM REQD
4. BETTER PLOW
5. EASIER
6. TRANSPORT
7. SAVE TIME
8. INCREASE INCOME
9. EXPAND FARM
10. LESS WEEDS
11. INCREASE YIELDS
12. AVOIDS BOREDOM
13. PRESTIGE
17. OTHERS

ADV2 2ND ADVANTAGE OF OWNING MACHINE

1. CHEAPER
2. TIMELINESS
3. NO MAN-ANIM REQD
4. BETTER PLOW
5. EASIER
6. TRANSPORT
7. SAVE TIME
8. INCREASE INCOME
9. EXPAND FARM
10. LESS WEEDS
11. INCREASE YIELDS
12. AVOIDS BOREDOM
13. PRESTIGE
17. OTHERS

ADV3 3RD ADVANTAGE OF OWNING MACHINE

1. CHEAPER
2. TIMELINESS
3. NO MAN-ANIM REQD
4. BETTER PLOW
5. EASIER

6. TRANSPORT
7. SAVE TIME
8. INCREASE INCOME
9. EXPAND FARM
10. LESS WEEDS
11. INCREASE YIELDS
12. AVOIDS BOREDOM
13. PRESTIGE
17. OTHERS

HHCODE HH CODE

PRJCODE PROJECT CODE

210. WET SEASON 1979
213. DRY SEASON 1980
220. WET SEASON 1980

DOCUMENTATION FOR FORM 937 MACHINE USE/INCOME/MAINTENANCE/ACCIDENTS

Variable	Description
ID937	MACHINE ID
TYPE	TYPE OF MACHINE

11. 2W-TRCTR WT ENG.
12. 4W-TRCTR WT ENG.
13. CRAWLER TRACTOR
14. 2W-TRCTR WO ENG.
15. 4W-TRCTR WO ENG.
16. ENGINE
64. THRESHER WT ENG.
65. THRESHER WO ENG.
67. RICE MILL
71. IRR PUMP WT ENG.
73. IRR PUMP WO ENG.
77. OTHERS

HP MACHINE HORSEPOWER

POWER FUEL-POWER USED

1. GASOLINE
2. DIESEL
3. KEROSENE
4. ELECTRICITY
5. MIXED FUEL

IMPLEMNT IMPLEMENT REGULARLY ATTACHED TO MACHINE

21. MOULD BOARD PLOUGH
22. DISC PLOUGH
23. CHISEL PLOUGH
24. ROTOVATOR
25. PLOW & HARROW
31. DISC--COMB HAROW
33. CULTIVATOR
34. SUBSOILER
41. SEED DRILLER
42. PLANTER
45. WINNOWER
66. WAGON OR TRACTOR
72. IRRIGATION PIPES
77. OTHERS

ACTIVITY FARM ACTIVITY MACHINE WAS USED

1. LAND PREPARATION
17. HARROWING
47. PEST CONTROL
60. IRRIGATION
78. THRESHING
80. TRANSPORTING
84. WINNOWING

MACHUSE	WHETHER USED FOR OWN FARM OR OTHER FARM 1. OWN FARM 2. CUSTOM WORK 3. C-WRK RED. PRICE 4. LENT FOR FREE
UNIT	UNIT FOR AMOUNT OF WORK ACCOMPLISHED
ACCOMPL	UNITS ACCOMPLISHED BY MACHINE
CWUNIT	IF CUSTOM WORK: AMOUNT CHARGED PER UNIT
CWINCOME	IF CUSTOM WORK: TOTAL INCOME OF MACHINE
FUELQTY	LITERS OF FUEL CONSUMED
FUELCOST	TOTAL COST OF FUEL USED
OILCOST	TOTAL COST OF OIL USED
FILTQTY	IF FILTERS CHANGED: NO. OF FILTERS USED
FILTCOST	IF FILTERS CHANGED: COST OF FILTERS USED
TIREPNUM	IF TIRE REPAIRED: NO. OF REPAIRS
TIREPCST	IF TIRE REPAIRED: COST OF REPAIRS
FLABHRS	NO. OF FAMILY LABOR HOURS USED
HLABHRS	NO. OF HIRED LABOR HOURS USED
HLABCOST	HIRED LABOR COST
CSEASON	CROPPING SEASON 1. WET SEASON 2. 2ND CROPPING 3. 3RD CROPPING
ACCIDNT1	TYPE OF ACCIDENT WITH THIS MACHINE 1. OPR FELL OFF MACH 2. MACH TURNOVER OPR 3. HAND-FOOT CAUGHT 7. OTHERS
ACCIDNT2	TYPE OF ACCIDENT WITH THIS MACHINE 1. OPR FELL OFF MACH 2. MACH TURNOVER OPR 3. HAND-FOOT CAUGHT 7. OTHERS
SERIOUS1	SERIOUSNESS OF MACHINE ACCIDENT 1. MINOR INJURY 2. REQ DOCTOR-NURSE 3. REQ HOSPITALIZATION 4. DEATH
SERIOUS2	SERIOUSNESS OF MACHINE ACCIDENT 1. MINOR INJURY 2. REQ DOCTOR-NURSE 3. REQ HOSPITALIZATION 4. DEATH
HHCODE	HH CODE
PRJCODE	PROJECT CODE

DOCUMENTATION FOR FORM 938 MACHINE BREAKDOWN

Variable	Description
ID938	MACHINE ID
TYPE	TYPE OF MACHINE

11. 2W-TRCTR WT ENG.
12. 4W-TRCTR WT ENG.
13. CRAWLER TRACTOR
14. 2W-TRCTR WO ENG.
15. 4W-TRCTR WO ENG.
16. ENGINE
64. THRESHER WT ENG.
65. THRESHER WO ENG.
67. RICE MILL
71. IRR PUMP WT ENG.
73. IRR PUMP WO ENG.
77. OTHERS

HP	MACHINE HP
POWER	FUEL-POWER USED

1. GASOLINE
2. DIESEL
3. KEROSENE
4. ELECTRICITY
5. MIXED FUEL

IMPLEMNT IMPLEMENT ATTACHED TO MACHINE

21. MOULD BOARD PLOUGH
22. DISC PLOUGH
23. CHISEL PLOUGH
24. ROTOVATOR
25. PLOW & HARROW
31. DISC--COMB HAROW
33. CULTIVATOR
34. SUBSOILER
41. SEED DRILLER
42. PLANTER
45. WINNOWER
66. WAGON OR TRACTOR
72. IRRIGATION PIPES
77. OTHERS

BRKDOWN BREAKDOWN MACHINE HAD

10. ENGINE
11. INJECTOR
12. PUMP
13. PISTON RING
14. SPARK PLUNG
15. CARBURETOR
16. CONTACT POINT
17. OTHERS
20. TRANSMISSION SYSTEM
21. BEARING
22. CHAIN
23. GEAR
24. V-BELT
27. OTHERS
30. IMPLEMENT ATTACHED
31. BROKEN PLOUGH
32. BEARING
33. KNOT
37. OTHERS
40. HYDRAULIC SYSTEM
41. RUBBER OIL SEAL
42. HYDRAULIC PUMP
43. HYDRAULIC PIPE
47. OTHERS
50. WATER PUMP
51. PROPELLER
52. WOODEN BUSHING
53. C.P. PROPELLER
54. CP RUBBER GASKET
55. BUCKET
56. RECT. WOODEN PIPE
57. OTHERS
58. CONVEYER BELT
60. RICE THRESHER
61. PIG-TYPE CYLINDER
62. BEARING
63. UPPER CONCAVE FIN
64. V-BELT
67. OTHERS

BSERIOUS SERIOUSNESS OF MACHINE BREAKDOWN

1. DEFECTIVE
2. ENDANGERS LIFE
3. INOPERABLE

REPAIR WHETHER MACHINE WAS REPAIRED
0. NO
1. YES

INOPRBL IF REPAIRED: DAYS MACHINE INOPERABLE

ACTDELAY BRKDOWN ON FLD ACTVTY: DAYS ACT DELAYED

REPDELAY WHETHER MACHINE REPAIR WAS DELAYED
0. NO
1. YES

RSNRDEL1 REASON 1 FOR DELAY OF MACHINE REPAIR
0. NO DELAY
1. NO TIME TO FIX
2. NO TIME TO MECH.
3. NO MECHANIC AVAIL.
4. NO SPARE PARTS
7. OTHER

RSNRDEL2 REASON 2 FOR DELAY OF MACHINE REPAIR
0. NO DELAY
1. NO TIME TO FIX
2. NO TIME TO MECH.
3. NO MECHANIC AVAIL.
4. NO SPARE PARTS
7. OTHER

ACQPARTS IF NO SPARE PARTS: ACTION TO ACQUIRE ONE
1. SUBSTITUTE PARTS
2. ORDERED PARTS
3. WAIT
7. OTHERS

PARTSVAL VALUE OF SPARE PARTS USED

FLABHRS FAMILY LABOR HRS USED TO REPAIR MACHINE

HLABHRS HIRED LABOR HRS USED TO REPAIR MACHINE

HLABCST COST OF HIRED LABOR USED TO REPAIR MACHINE

REPLOCN LOCATION WHERE MACHINE WAS REPAIRED
1. ON FARM
2. LOCAL REPAIR SHOP
3. LOCAL DEALER
4. 1+2
5. 1+3
6. 2+3
7. OTHERS

REPDIST	DISTANCE FR FARM WHERE MACHINE REPAIRED
TRNSPCST	TRANSPORT COST OF MACHINE FOR REPAIR
SATISF	WHETHER SATISFIED WITH MACHINE REPAIR 0. NO 1. YES
FREQBRKD	FREQ OF SAME TYPE OF MACHINE BREAKDOWN
AGEMACH	AGE OF MACHINE
WKBRKD	WEEK MACHINE BROKE DOWN
DAYBRKD	DAY MACHINE BROKE DOWN
CSEASON	CROPPING SEASON 1. WET SEASON 2. 2ND CROPPING SEASON 3. 3RD CROPPING SEASON
HHCODE	HH CODE
PRJCODE	PROJECT CODE 210. WET SEASON 1979 213. DRY SEASON 1980 220. WET SEASON 1980

DOCUMENTATION FOR 939 DISPOSAL OF PRODUCTS

Variable	Description
PSPID	PARCEL OR SUBPARCEL ID
PRODN	TOTAL PRODUCTION IN KGS.
VALPROD	VALUE OF TOTAL PRODUCTION
HTSHARE	WHETHER HRVSTR-THRSHR SHARED IN PRODUCE 0. NO 1. HARVSTR & THRSHR 2. HARVESTERS ONLY 3. THRESHERS ONLY
ARRHTSH	HARVESTER-THRESHER PAYING ARRANGEMENT 1. ONE-SIXTH TO H-T 2. ONE-SEVENTH 3. ONE-EIGHT 4. ONE-6TH + WEEDING 5. ONE-7TH + WEEDING 6. ONE-8TH + WEEDING 30. ONE-NINTH 31. ONE-TENTH 32. 5% TO THRSHR OWNER 33. 6% TO THRSHR OWNER 34. 7% TO THRSHR OWNER 77. OTHERS
QTYHTSH	TOTAL HARVESTER-THRESHER SHARE IN KGS.
VALHTSH	VALUE OF HARVESTER-THRESHER SHARE
LLSHARE	WHETHER RENT-DEBT TO LL TAKEN FROM PROD 0. NO 1. HOME CONSUMPTION 2. FUTURE SALE 3. 1 & 2 COMBINED 4. SEEDS 5. 1 & 4 COMBINED 6. 2 & 4 COMBINED 7. OTHERS 8. 1,2 & 4 COMBINED
QTYLLSH	QTY OF PRODUCE PAID TO LANDLORD - KGS.
VALLLSH	VALUE OF QUANTITY PAID TO LANDLORD
DEBT	WHETHER OTHER DEBTS TAKEN FROM PRODUCE 0. NO 1. HOME CONSUMPTION 2. FUTURE SALE

3. 1 & 2 COMBINED
4. SEEDS
5. 1 & 4 COMBINED
6. 2 & 4 COMBINED
7. OTHERS
8. 1,2 & 4 COMBINED

QTYDEBT QTY OF PRODUCE TO PAY DEBTS - KGS.
VALDEBT VALUE OF QUANTITY USED TO PAY DEBTS
SOLD WHETHER ANY PRODUCE WAS SOLD

0. NO
1. HOME CONSUMPTION
2. FUTURE SALE
3. 1 & 2 COMBINED
4. SEEDS
5. 1 & 4 COMBINED
6. 2 & 4 COMBINED
7. OTHERS
8. 1,2 & 4 COMBINED

QTYSOLD QTY OF PRODUCE SOLD - KGS.
VALSOLD VALUE OF QUANTITY SOLD

RETN WHETHER ANY PRODUCE WAS RETAINED WT OPR

0. NO
1. HOME CONSUMPTION
2. FUTURE SALE
3. 1 & 2 COMBINED
4. SEEDS
5. 1 & 4 COMBINED
6. 2 & 4 COMBINED
7. OTHERS
8. 1,2 & 4 COMBINED

PURPRETN PURPOSE OF RETAINING THE PRODUCE
QTYRETN QTY RETAINEL FOR CONSUMPTION-SEEDS-SALE
VALRETN VALUE OF QTY RETAINED FOR CONSUMPTN.ETC.
OTHR WHETHER ANY PROD USED FOR OTHER PURPOSES

0. NO
1. HOME CONSUMPTION
2. FUTURE SALE
3. 1 & 2 COMBINED
4. SEEDS
5. 1 & 4 COMBINED
6. 2 & 4 COMBINED
7. OTHERS
8. 1,2 & 4 COMBINED

PURPOTHR PURPOSE OF QTY USED FOR OTHER PURPOSES
QTYOTHR QTY OF PRODUCE USED FOR OTHER PURPOSES
VALOTHR VALUE OF QTY USED FOR OTHER PURPOSES

BYPROD TYPE OF BY-PRODUCTS

1. STRAW
2. HUSK
3. HAY
4. BRAN
7. OTHERS

VALBYPRD VALUE OF BY-PRODUCTS USED OR SOLD

CROP1 CROP 1 PRODUCED IN PREVIOUS SEASON

11. CORN
16. RICE
28. MUNGBEANS
29. PEANUTS
32. CASSAVA
33. SWEET POTATO
164. SQUASH
165. GOURD
166. CUCUMBER
167. EGGPLANT
168. OKRA
169. TOMATOES

CROP2 CROP 2 PRODUCED IN PREVIOUS SEASON

11. CORN
16. RICE
28. MUNGBEANS
29. PEANUTS
32. CASSAVA
33. SWEET POTATO
164. SQUASH
165. GOURD
166. CUCUMBER
167. EGGPLANT
168. OKRA
169. TOMATOES

QCROP1 QTY OF CROP 1 CONSUMED AND SOLD - KGS.

QCROP2 QTY OF CROP 2 CONSUMED AND SOLD - KGS.

PRCRP1 AVE. PRICE PER KG OF CROP 1 SOLD

PRCRP2 AVE. PRICE PER KG OF CROP 2 SOLD

CSEASON CROPPING SEASON

1. WET SEASON
2. 2ND CROPPING
3. 3RD CROPPING

CRPCODE	CROP CODE	
		11. CORN
		16. RICE
		28. MUNGBEANS
		29. PEANUTS
		32. CASSAVA
		33. SWEET POTATO
		164. SQUASH
		165. GOURD
		166. CUCUMBER
		167. EGGPLANT
		168. OKRA
		169. TOMATOES
SSPID	SUB-SUBPARCEL ID	
HHCODE	HH CODE	
PRJCODE	PROJECT CODE	
		210. WET SEASON 1979
		213. DRY SEASON 1980
		220. WET SEASON 1980

DOCUMENTATION FOR FORM 940 SALE/MARKETING OF PRODUCE

Variable	Description
PSPID	PARCEL OR SUB-PARCEL ID
NSALE	NO. OF SALE OF PRODUCE
DATESOLD	WHEN SALE OF PRODUCE OCCURRED 1. HARVEST WEEK 2. 1-2 WKS AFTER HARVES 3. 3-4 WKS AFTER HARVES 4. 1-3 MOS AFTER HARVES 5. 3-5 MOS AFTR HARVEST 6. > 5 MOS AFTR HARVEST 7. OTHERS
KGSOLD	KGS. OF PRODUCE SOLD
QUALITY	QUALITY OF PRODUCE SOLD 1. WET - FANCY VARIETY 2. DRY - FANCY VARIETY 3. WET - ORDINARY VARIETY 4. DRY - ORDINARY VARIETY 5. OTHERS
KGPRICE	PRICE PER KG OF PRODUCE SOLD
VALUESLD	TOTAL VALUE OF PRODUCE SOLD
MKTLOCN	WHERE PRODUCE WAS SOLD - MARKET LOACTION 1. ON FARM 2. WITHIN VILLAGE 3. OUTSIDE VILLAGE 4. OUTSIDE MUNICIPALITY 7. OTHERS
MKTDIST	DISTANCE OF MARKET FROM PRODUCT STORAGE
TRNSPADQ	HOW ADEQUATE IS TRANSPORTATION TO MARKET 0. INADEQUATE 1. ADEQUATE
TRNSPCST	TRANSPORT COST OF PRODUCE TO MARKET
CRPCODE	CROP CODE 11. CORN 16. RICE 28. MUNGBEAN 29. PEANUT

		32. CASSAVA
		33. SWEET POTATO
		164. SQUASH
		165. GOURD
		166. CUCUMBER
		167. EGGPLANT
		168. OKRA
		169. TOMATO
SSPID	SUB-SUBPARCEL ID	
HHCODE	HH CODE	
PRJCODE	PROJECT CODE	
		210. WET SEASON 1979
		213. DRY SEASON 1980
		220. WET SEASON 1980

DOCUMENTATION FOR FORM 941 LAND RECLAMATION

Variable	Description
PSPID	PARCEL OR SUBPARCEL ID
YRRECL	YEAR LAND WAS RECLAIMED
AREA	AREA OF LAND
TYPE	TYPE OF LAND BEFORE RECLAMATION 1. FLOODED AREA 2. MARSHLAND 3. STONY AREA 4. WT SMALL HILLS 5. FOREST WOODED 7. OTHERS
VALUEBEF	VALUE OF LAND BEFORE RECLAMATION
TYPEAFT	TYPE OF LAND AFTER RECLAMATION 1. UPLAND--INBUNDED 2. PADDY--INBUNDED 3. PADDY--BUNDED 4. FISHPOND 7. OTHERS
VALUEAFT	VALUE OF LAND AFTER RECLAMATION
POWERUSE	TYPE OF POWER USED TO RECLAIM LAND 1. HUMAN ALONE 2. ANIMAL 3. HUMAN AND ANIMAL 4. 2-W TRACTOR 5. 4-W TRACTOR 6. ANIMAL AND 2-W T 7. ANIMAL AND 4-W TRACT 8. BULLDOZER
MANLABOR	NO. OF PEOPLE WORKED TO RECLAIM LAND
MANHOURS	HUMAN HOURS USED TO RECLAIM LAND
MANVALUE	HUMAN LABOR VALUE
ANIMLAB	NO. OF ANIMALS USED TO RECLAIM LAND
ANIMHRS	ANIMAL HOURS USED TO RECLAIM LAND
ANIMVAL	ANIMAL LABOR VALUE
MACHLAB	NO. OF MACHINE LABOR USED TO RECLAIM LAND
MACHHRS	MACHINE HOURS USED TO RECLAIM LAND
MACHVAL	MACHINE LABOR USED
WOUTMACH	ABLE TO RECLAIM LAND WO USING MACHINE 0. NO 1. YES

USEDMACH1 WHY MACHINE CHOSEN TO RECLAIN LAND--1
1. SHORTER TIME
2. EASIER
3. CHEAPER
4. NO MAN-ANIMAL AVAIL.
7. OTHERS

USEDMACH2 WHY MACHINE CHOSEN TO RECLAIN LAND--1
1. SHORTER TIME
2. EASIER
3. CHEAPER
4. NO MAN-ANIMAL AVAIL.
7. OTHERS

R2WTRCTR USED 2-WHEEL TRACTOR TO RECLAIM LAND
0. NO
1. YES

R4WTRCTR USED 2-WHEEL TRACTOR TO RECLAIM LAND
0. NO
1. YES

RCRAWLER USED CRAWLER TRACTOR TO RECLAIM LAND
0. NO
1. YES

RGRADER USED GRADER TO RECLAIM LAND
0. NO
1. YES

RBULLDOZ USED BULLDOZER TO RECLAIM LAND
0. NO
1. YES

ROTHERS USED OTHER MACHINE TO RECLAIM LAND
0. NO
1. YES

SSPID SUB-SUBPARCEL ID
HHCODE HOUSEHOLD CODE

PRJCODE PROJECT CODE
210. WET SEASON 1979
213. DRY SEASON 1980
220. WET SEASON 1980

DOCUMENTATION FOR FORM 942 EXT. SERVICES/MACH OPN TRAINING/FARMER'S ORG.

Variable	Description
EXWRKOFF	NEAREST EXTENSION WORKER'S OFFICE 1. WITHIN VILLAGE 2. WITHIN MUNICIPALITY 3. WITHIN PROVINCE
EXWPLNTG	LEARNED FROM EXT WRKRS: PLANTING PRACTIC 0. NO 1. YES
EXWFERT	LEARNED FROM EXT WRKRS: FERTILIZERS 0. NO 1. YES
EXWPEST	LEARNED FROM EXT WRKRS: PEST CONTROL 0. NO 1. YES
EXWH2OC	LEARNED FROM EXT WRKRS: WATER CONTROL 0. NO 1. YES
EXWHYV	LEARNED FROM EXT WRKRS: USE OF HYV 0. NO 1. YES
EXWOTHR	LEARNED FROM EXT WRKRS: OTHERS
EXWATTD	FREQ OF ATTENDANCE OF EXT WRKRS MEETINGS
EXOFFVIS	FREQ OF VISITS TO EXTENSION WRKRS OFFICE
EXWVISIT	FREQ OF EXTENSION WORKER'S VISIT
EXPRFORM	RATE OF EXTENSION WORKER'S PERFORMANCE 0. INADEQUATE 2. ADEQUATE
PROBCON1	OTHER CONSULTANT ON FARM PROBLEMS - 1 1. VILLAGE HEAD 2. FARMER'S ORGANZTN 3. RELATIVE 4. FELLOW FARMER 7. OTHERS
PROBCON2	OTHER CONSULTANT ON FARM PROBLEMS - 2 1. VILLAGE HEAD 2. FARMER'S ORGANZTN 3. RELATIVE 4. FELLOW FARMER 7. OTHERS

MOPNTRNG ANY TRAINING IN OPERATN OF FARM MACHINE

MACHINE1 MACHINE-1 R WAS TRAINED TO OPERATE
11. 2W-TRCTR WT ENG.
12. 4W-TRCTR WT ENG.
61. 2&4 WHEELED TRACTOR
64. THRESHER
67. RICE MILL
71. IRRIGATION PUMP
81. CRANE
82. LOADER

M1TRAINR TRAINER OF OPERATION OF MACHINE-1
1. EXTENSION WORKER
2. MACHINE DEALER
3. FARMER'S ORGN
7. OTHERS

M1TRYEAR YEAR OF TRAINING OF MACHINE-1 OPERATION

MACHINE2 MACHINE-1 R WAS TRAINED TO OPERATE
11. 2W-TRCTR WT ENG.
12. 4W-TRCTR WT ENG.
61. 2&4 WHEELED TRACTOR
64. THRESHER
67. RICE MILL
71. IRRIGATION PUMP
81. CRANE
82. LOADER

M2TRAINR TRAINER OF OPERATION OF MACHINE-2
1. EXTENSION WORKER
2. MACHINE DEALER
3. FARMER'S ORGN
7. OTHERS

M2TRYEAR YEAR OF TRAINING OF MACHINE-2 OPERATION

ORGMEMB MEMBER OF ANY FARMER'S ORGANIZATION
0. NO
1. YES

NORGN NO. OF ORGANIZATION R IS A MEMBER OF

ORG1TYPE TYPE OF ORGANIZATION - 1
1. PRIVATE
2. GOVERNMENT

ORG1ADV1 1ST ADVANTAGE OF BELONGING TO ORG'N-1
1. LOAN FROM ORGN.
2. CAN LOAN BEC. OF ORG
3. USE MACH OF ORGN.
4. GET IRRGN H2O
5. MODERN TECHNOLOGY
7. OTHERS

ORG1ADV2 2ND ADVANTAGE OF BELONGING TO ORG'N-1
1. LOAN FROM ORGN.
2. CAN LOAN BEC. OF ORG
3. USE MACH OF ORGN.
4. GET IRRGN H2O
5. MODERN TECHNOLOGY
7. OTHERS

O1DISAD1 1ST DISADVANTAGE OF BELONGING TO ORG'N-1
1. HIGH MEMBERSHIP FEE
2. TOO MANY MEETINGS
3. TOO MUCH CONTRIBUTIO
7. OTHERS

O1DISAD2 2ND DISADVANTAGE OF BELONGING TO ORG'N-1
1. HIGH MEMBERSHIP FEE
2. TOO MANY MEETINGS
3. TOO MUCH CONTRIBUTIO
7. OTHERS

O1REQDJN WHETHER REQUIRED TO JOIN ORG'N-1
O1MEETNG NO. OF MEETINGS ORG'N-1 HAD THIS CS
O1ATTND # ORG'N-1 MEETINGS R ATTENDED THIS CS
ORG2TYPE TYPE OF ORGANIZATION - 2
1. PRIVATE
2. GOVERNMENT

ORG2ADV1 1ST ADVANTAGE OF BELONGING TO ORG'N-2
1. LOAN FROM ORGN.
2. CAN LOAN BEC. OF ORG
3. USE MACH OF ORGN.
4. GET IRRGN H2O
5. MODERN TECHNOLOGY
7. OTHERS

ORG2ADV2 2ND ADVANTAGE OF BELONGING TO ORG'N-2
1. LOAN FROM ORGN.
2. CAN LOAN BEC. OF ORG
3. USE MACH OF ORGN.
4. GET IRRGN H2O
5. MODERN TECHNOLOGY
7. OTHERS

O2DISAD1 1ST DISADVANTAGE OF BELONGING TO ORG'N-2
1. HIGH MEMBERSHIP FEE
2. TOO MANY MEETINGS
3. TOO MUCH CONTRIBUTIO
7. OTHERS

O2DISAD2 2ND DISADVANTAGE OF BELONGING TO ORG'N-2
1. HIGH MEMBERSHIP FEE
2. TOO MANY MEETINGS
3. TOO MUCH CONTRIBUTIO
7. OTHERS

O2REQDJN WHETHER REQUIRED TO JOIN ORG'N-2
O2MEETNG NO. OF MEETINGS ORG'N-2 HAD THIS CS
O2ATTND # ORG'N-2 MEETINGS R ATTNDED THIS CS

ORG3TYPE TYPE OF ORGANIZATION - 3
1. PRIVATE
2. GOVERNMENT

ORG3ADV1 1ST ADVANTAGE OF BELONGING TO ORG'N-3
1. LOAN FROM ORGN.
2. CAN LOAN BEC. OF ORG
3. USE MACH OF ORGN.
4. GET IRRGN H2O
5. MODERN TECHNOLOGY
7. OTHERS

ORG3ADV2 2ND ADVANTAGE OF BELONGING TO ORG'N-3
1. LOAN FROM ORGN.
2. CAN LOAN BEC. OF ORG
3. USE MACH OF ORGN.
4. GET IRRGN H2O
5. MODERN TECHNOLOGY
7. OTHERS

O3DISAD1 1ST DISADVANTAGE OF BELONGING TO ORG'N-3
1. HIGH MEMBERSHIP FEE
2. TOO MANY MEETINGS
3. TOO MUCH CONTRIBUTIO
7. OTHERS

O3DISAD2 2ND DISADVANTAGE OF BELONGING TO ORG'N-3
1. HIGH MEMBERSHIP FEE
2. TOO MANY MEETINGS
3. TOO MUCH CONTRIBUTIO
7. OTHERS

O3REQDJN	WHETHER REQUIRED TO JOIN ORG'N-3
O3MEETNG	NO. OF MEETINGS ORG'N-3 HAD THIS CS
O3ATTND	# ORG'N-3 MEETINGS R ATTENDED THIS CS

CSEASON	CROPPING SEASON	
		1. WET SEASON
		2. 2ND CROPPING
		3. 3RD CROPPING
HHCODE	HH CODE	
PRJCODE	PROJECT CODE	
		210. WET SEASON 1979
		213. DRY SEASON 1980
		220. WET SEASON 1980

DOCUMENTATION FOR FORM 943 WORK OPPORTUNITIES OF LANDLESS FIELD LABORERS

Variable	Description
HMCODE	HH MEMBE CODE 1. HH HEAD 2. SPOUSE 12. CHILD LT 10 YRS 13. MALE GE 10 YRS 14. FEMALE GE 10 YRS.
AGE	HH MEMBER AGE
CNO911	ASSIGNED CARD NUMBER IN FORM 911A
YRMECH	YEAR VILLAGE BECAME 50 % MECHANIZED
BWORK1	1ST WORK BEFORE MECHANIZATION 11. AGRICULTURE 12. FORESTRY 13. FISHERY 14. HANDICRAFT 15. INDUSTRY 16. COMMERCE 77. NONE
BWORK2	2ND WORK BEFORE MECHANIZATION 11. AGRICULTURE 12. FORESTRY 13. FISHERY 14. HANDICRAFT 15. INDUSTRY 16. COMMERCE 77. NONE
BWORK3	3RD WORK BEFORE MECHANIZATION 11. AGRICULTURE 12. FORESTRY 13. FISHERY 14. HANDICRAFT 15. INDUSTRY 16. COMMERCE 77. NONE
PRWORK1	1ST WORK AT PRESENT 11. AGRICULTURE 12. FORESTRY 13. FISHERY 14. HANDICRAFT 15. INDUSTRY 16. COMMERCE 77. NONE

PRWORK2 2ND WORK AT PRESENT

11. AGRICULTURE
12. FORESTRY
13. FISHERY
14. HANDICRAFT
15. INDUSTRY
16. COMMERCE
77. NONE

PRWORK3 3RD WORK AT PRESENT

11. AGRICULTURE
12. FORESTRY
13. FISHERY
14. HANDICRAFT
15. INDUSTRY
16. COMMERCE
77. NONE

REASONCH REASON FOR CHANGE IN WORK

0. NO CHANGE
1. OLD JOB NOT AVAILBL
2. BORED WT OLD JOB
3. BETTER PAY
4. PREFER NEW JOB
5. CHANGE RESIDENCE
7. OTHERS

OTHWORK1 1ST WORK PREFERRED AT PRESENT

11. AGRICULTURE
12. FORESTRY
13. FISHERY
14. HANDICRAFT
15. INDUSTRY
16. COMMERCE
77. NONE

OTHWORK2 2ND WORK PREFERRED AT PRESENT

11. AGRICULTURE
12. FORESTRY
13. FISHERY
14. HANDICRAFT
15. INDUSTRY
16. COMMERCE

JOBPREF REASON FOR JOB PREFERENCE

1. PHYSICALLY EASIER
2. HIGHER PAY
3. NEARER TO HOME
4. MORE PRESTIGIOUS
7. OTHERS
77. NONE

HHCODE	HH CODE
PRJCODE	PROJECT CODE

210. WET SEASON 1979
213. DRY SEASON 1980
220. WET SEASON 1980

DOCUMENTATION FOR FORM 944 ACTUAL AND IDEAL DATES OF CRUCIAL ACTIVITIES

Variable	Description
PSPID	PARCEL OR SUBPARCEL ID
SSPID	SUB-SUBPARCEL ID
WKPLOW1	WEEK PLOWING WAS STRATED
DAYPLOW1	DAY PLOWING WAS STARTED
WKPLOW2	IDEAL WEEK TO START PLOWING
DAYPLOW2	IDEAL DAY TO START PLOWING
PLWDELAY	REASON FOR DELAY IN PLOWING
WKHARR1	WEEK HARROWING WAS STRATED
DAYHARR1	DAY HARROWING WAS STARTED
WKHARR2	IDEAL WEEK TO START HARROWING
DAYHARR2	IDEAL DAY TO START HARROWING
HARDELAY	REASON FOR DELAY IN HARROWING
WKPLNT1	WEEK PLANTING WAS STRATED
DAYPLNT1	DAY PLANTING WAS STARTED
WKPLNT2	IDEAL WEEK TO START PLANTING
DAYPLNT2	IDEAL DAY TO START PLANTING
PLTDELAY	REASON FOR DELAY IN PLANTING
WKHARV1	WEEK HARVESTING WAS STRATED
DAYHARV1	DAY HARVESTING WAS STARTED
WKHARV2	IDEAL WEEK TO START HARVESTING
DAYHARV2	IDEAL DAY TO START HARVESTING
HRVDELAY	REASON FOR DELAY IN HARVESTING
CSEASON	CROPPING SEASON 1. WET SEASON 2. 2ND CROPPING 3. 3RD CROPPING
HHCODE	
PRJCODE	PROJECT CODE 210. WET SEASON 1979 213. DRY SEASON 1980 220. WET SEASON 1980

DOCUMENTATION FOR FORM 945 ANIMAL DISEASES & ACCIDENTS WITH ANIMALS

Variable	Description
ANMLDIS	TYPE OF DRAFT ANIMAL CONTRACTED DISEASE 1. CATTLE 2. WATER BUFFALO 3. HORSE 7. OTHERS
CONTRDIS	# OF DRAFT ANIMAL CONTRACTED DISEASE
DISEASE	DISEASE ANIMAL CONTRACTED 1. HOOF & MOUTH DISEASE 2. THROAT SWELLING 3. EYE 7. OTHERS
PERIOD	WHETHER CONTRACTED ON FLD ACTVTY PERIOD 0. NO 1. YES
HRSDELAY	# HRS FIELD ACTIVITY WAS DELAYED
DAYUNUSE	# DAYS UNABLE TO USE ANIMAL IN FLDWRK
ANMLACC	TYPE OF DRAFT ANIMAL HAD ACCIDENT WITH 1. CATTLE 2. WATER BUFFALO 3. HORSE 7. OTHERS
ACCIDENT	TYPE OF ACCIDENT THAT OCCURRED 1. STEPPED ON FARMER 2. PUSHED FARMER 3. BIT FARMER 4. OTHERS
SERIOUS	SERIOUSNESS OF ACCIDENT 1. MINOR INJURY 2. REQ'D DOCTOR-NURSE 3. REQ'D HOSPITALIZATION 4. DEATH
CSEASON	CROPPING SEASON 1. WET SEASON 2. 2ND CROPPING 3. 3RD CROPPING
HHCODE	
PRJCODE	PROJECT CODE 210. WET SEASON 1979 213. DRY SEASON 1980 220. WET SEASON 1980

Appendix B.4

DOCUMENTATION FOR FARM MATRIX

Variable	Description
VAR001	PROJECT CODE
	210. WET SEASON 1979
	211. WET SEASON 1979
	212. WET SEASON 1979
	213. DRY SEASON1 1980
	214. DRY SEASON1 1980
	215. DRY SEASON1 1980
	216. DRY SEASON2 1980
	217. DRY SEASON2 1980
	218. DRY SEASON2 1980
	220. WET SEASON 1980
	221. WET SEASON 1980
	222. WET SEASON 1980
VAR002	FARM NUMBER
VAR003	FARMER AGE
VAR004	FARMER SCH YRS
VAR005	OFF FARM OCCUP
VAR006	NO ADULTS
VAR007	NO PERM LABOR
VAR008	NO YOUTH OLD
VAR009	NO CHILDREN
VAR010	MAN EQUIVALENT
VAR011	HA OWNED LAND
VAR012	HA RENTED OUT LAND
VAR013	HA RENTED LAND
VAR014	HA MANAGED
VAR015	NO TRACTORS
VAR016	NO DRAFT ANIMALS
VAR017	NO CATTLE
VAR018	NO GOATS SHEEP
VAR023	FIRST CROP
	11. CORN
	16. RICE
	28. MUNGBEANS
	29. PEANUTS
	32. CASSAVA
	33. SWEET POTATO
	164. SQUASH
	165. GOURD
	166. CUCUMBER
	167. EGGPLANT

168. OKRA
169. TOMATOES
170. CHILLIES
172. AMPALAYA
193. STRINGBEANS
194. WINGED BEANS
499. FALLOW

VAR026 HA PLTD CROP1

VAR028 SECOND CROP

11. CORN
16. RICE
28. MUNGBEANS
29. PEANUTS
32. CASSAVA
33. SWEET POTATO
164. SQUASH
165. GOURD
166. CUCUMBER
167. EGGPLANT
168. OKRA
169. TOMATOES
170. CHILLIES
172. AMPALAYA
193. STRINGBEANS
194. WINGED BEANS
499. FALLOW

VAR030 HA PLTD CROP2

VAR033 THIRD CROP

11. CORN
16. RICE
28. MUNGBEANS
29. PEANUTS
32. CASSAVA
33. SWEET POTATO
164. SQUASH
165. GOURD
166. CUCUMBER
167. EGGPLANT
168. OKRA
169. TOMATOES
170. CHILLIES
172. AMPALAYA
193. STRINGBEANS
194. WINGED BEANS
499. FALLOW

VAR034 HA PLTD CROP3

VAR083 MD LAND PREP TOTAL

VAR084 MD LAND PREP JAN

VAR085 MD LAND PREP FEB

VAR086	MD LAND PREP MAR
VAR087	MD LAND PREP APR
VAR088	MD LAND PREP MAY
VAR089	MD LAND PREP JUN
VAR090	MD LAND PREP JUL
VAR091	MD LAND PREP AUG
VAR092	MD LAND PREP SEP
VAR093	MD LAND PREP OCT
VAR094	MD LAND PREP NOV
VAR095	MD LAND PREP DEC
VAR096	MD PLTG TOTAL
VAR097	MD PLTG JAN
VAR098	MD PLTG FEB
VAR099	MD PLTG MAR
VAR100	MD PLTG APR
VAR101	MD PLTG MAY
VAR102	MD PLTG JUN
VAR103	MD PLTG JUL
VAR104	MD PLTG AUG
VAR105	MD PLTG SEP
VAR106	MD PLTG OCT
VAR107	MD PLTG NOV
VAR108	MD PLTG DEC
VAR109	MD CULT TOTAL
VAR110	MD CULT JAN
VAR111	MD CULT FEB
VAR112	MD CULT MAR
VAR113	MD CULT APR
VAR114	MD CULT MAY
VAR115	MD CULT JUN
VAR116	MD CULT JUL
VAR117	MD CULT AUG
VAR118	MD CULT SEP
VAR119	MD CULT OCT
VAR120	MD CULT NOV
VAR121	MD CULT DEC
VAR122	MD HARV TOTAL
VAR123	MD HARV JAN
VAR124	MD HARV FEB
VAR125	MD HARV MAR
VAR126	MD HARV APR
VAR127	MD HARV MAY
VAR128	MD HARV JUN
VAR129	MD HARV JUL
VAR130	MD HARV AUG
VAR131	MD HARV SEP
VAR132	MD HARV OCT
VAR133	MD HARV NOV
VAR134	MD HARV DEC

VAR135	MD OTHERS TOTAL
VAR136	MD OTHERS JAN
VAR137	MD OTHERS FEB
VAR138	MD OTHERS MAR
VAR139	MD OTHERS APR
VAR140	MD OTHERS MAY
VAR141	MD OTHERS JUN
VAR142	MD OTHERS JUL
VAR143	MD OTHERS AUG
VAR144	MD OTHERS SEP
VAR145	MD OTHERS OCT
VAR146	MD OTHERS NOV
VAR147	MD OTHERS DEC
VAR148	MD TOTAL TOTAL
VAR149	MD TOTAL JAN
VAR150	MD TOTAL FEB
VAR151	MD TOTAL MAR
VAR152	MD TOTAL APR
VAR153	MD TOTAL MAY
VAR154	MD TOTAL JUN
VAR155	MD TOTAL JUL
VAR156	MD TOTAL AUG
VAR157	MD TOTAL SEP
VAR158	MD TOTAL OCT
VAR159	MD TOTAL NOV
VAR160	MD TOTAL DEC
VAR161	MD LIVSTK TOTAL
VAR162	MD LIVSTK JAN
VAR163	MD LIVSTK FEB
VAR164	MD LIVSTK MAR
VAR165	MD LIVSTK APR
VAR166	MD LIVSTK MAY
VAR167	MD LIVSTK JUN
VAR168	MD LIVST JUL
VAR169	MD LIVSTK AUG
VAR170	MD LIVSTK SEP
VAR171	MD LIVSTK OCT
VAR172	MD LIVSTK NOV
VAR173	MD LIVSTK DEC
VAR187	MD FARM TOTAL
VAR188	MD FARM JAN
VAR189	MD FARM FEB
VAR190	MD FARM MAR
VAR191	MD FARM APR
VAR192	MD FARM MAY
VAR193	MD FARM JUN
VAR194	MD FARM JUL
VAR195	MD FARM AUG
VAR196	MD FARM SEP

VAR197	MD FARM OCT
VAR198	MD FARM NOV
VAR199	MD FARM DEC
VAR200	MD FARMER TOTAL
VAR201	MD FARMER JAN
VAR202	MD FARMER FEB
VAR203	MD FARMER MAR
VAR204	MD FARMER APR
VAR205	MD FARMER MAY
VAR206	MD FARMER JUN
VAR207	MD FARMER JUL
VAR208	MD FARMER AUG
VAR209	MD FARMER SEP
VAR210	MD FARMER OCT
VAR211	MD FARMER NOV
VAR212	MD FARMER DEC
VAR213	MD FAMILY TOTAL
VAR214	MD FAMILY JAN
VAR215	MD FAMILY FEB
VAR216	MD FAMILY MAR
VAR217	MD FAMILY APR
VAR218	MD FAMILY MAY
VAR219	MD FAMILY JUN
VAR220	MD FAMILY JUL
VAR221	MD FAMILY AUG
VAR222	MD FAMILY SEP
VAR223	MD FAMILY OCT
VAR224	MD FAMILY NOV
VAR225	MD FAMILY DEC
VAR226	MD PERM LABOR TOTAL
VAR227	MD PERM LABOR JAN
VAR228	MD PERM LABOR FEB
VAR229	MD PERM LABOR MAR
VAR230	MD PERM LABOR APR
VAR231	MD PERM LABOR MAY
VAR232	MD PERM LABOR JUN
VAR233	MD PERM LABOR JUL
VAR234	MD PERM LABOR AUG
VAR235	MD PERM LABOR SEP
VAR236	MD PERM LABOR OCT
VAR237	MD PERM LABOR NOV
VAR238	MD PERM LABOR DEC
VAR239	MD SEASNL LABOR TOTAL
VAR240	MD SEASNL LABOR JAN
VAR241	MD SEASNL LABOR FEB
VAR242	MD SEASNL LABOR MAR
VAR243	MD SEASNL LABOR APR
VAR244	MD SEASNL LABOR MAY
VAR245	MD SEASNL LABOR JUN

VAR246	MD SEASNL LABOR JUL
VAR247	MD SEASNL LABOR AUG
VAR248	MD SEASNL LABOR SEP
VAR249	MD SEASNL LABOR OCT
VAR250	MD SEASNL LABOR NOV
VAR251	MD SEASNL LABOR DEC
VAR252	MD OTHER LABOR TOTAL
VAR253	MD OTHER LABOR JAN
VAR254	MD OTHER LABOR FEB
VAR255	MD OTHER LABOR MAR
VAR256	MD OTHER LABOR APR
VAR257	MD OTHER LABOR MAY
VAR258	MD OTHER LABOR JUN
VAR259	MD OTHER LABOR JUL
VAR260	MD OTHER LABOR AUG
VAR261	MD OTHER LABOR SEP
VAR262	MD OTHER LABOR OCT
VAR263	MD OTHER LABOR NOV
VAR264	MD OTHER LABOR DEC
VAR265	MD OFF-FARM TOTAL
VAR266	MD OFF-FARM JAN
VAR267	MD OFF-FARM FEB
VAR268	MD OFF-FARM MAR
VAR269	MD OFF-FARM APR
VAR270	MD OFF-FARM MAY
VAR271	MD OFF-FARM JUN
VAR272	MD OFF-FARM JUL
VAR273	MD OFF-FARM AUG
VAR274	MD OFF-FARM SEP
VAR275	MD OFF-FARM OCT
VAR276	MD OFF-FARM NOV
VAR277	MD OFF-FARM DEC
VAR278	HRS ANIMAL TOTAL
VAR279	HRS ANIMAL JAN
VAR280	HRS ANIMAL FEB
VAR281	HRS ANIMAL MAR
VAR282	HRS ANIMAL APR
VAR283	HRS ANIMAL MAY
VAR284	HRS ANIMAL JUN
VAR285	HRS ANIMAL JUL
VAR286	HRS ANIMAL AUG
VAR287	HRS ANIMAL SEP
VAR288	HRS ANIMAL OCT
VAR289	HRS ANIMAL NOV
VAR290	HRS ANIMAL DEC
VAR291	HRS TRACTOR TOTAL
VAR292	HRS TRACTOR JAN
VAR293	HRS TRACTOR FEB
VAR294	HRS TRACTOR MAR

VAR295	HRS TRACTOR APR
VAR296	HRS TRACTOR MAY
VAR297	HRS TRACTOR JUN
VAR298	HRS TRACTOR JUL
VAR299	HRS TRACTOR AUG
VAR300	HRS TRACTOR SEP
VAR301	HRS TRACTOR OCT
VAR302	HRS TRACTOR NOV
VAR303	HRS TRACTOR DEC
VAR317	OPEN VAL LAND
VAR318	OPEN VAL PERM CROPS
VAR319	OPEN VAL BLDGS
VAR320	OPEN VAL MACHINES
VAR321	OPEN VA DRAFT ANIM
VAR322	OPEN VAL PROD ANIM
VAR323	OPEN VAL TOT OWNED
VAR324	OPEN VAL TOT OWED
VAR325	NET WORTH BEGINNING
VAR327	OUTGOING VAL LAND
VAR328	OUTGOING VAL PERM CROPS
VAR329	OUTGOING VAL BLDGS
VAR330	OUTGOING VAL MACHINES
VAR331	OUTGOING VAL DRAFT ANIM
VAR332	OUTGOING VAL PROD ANIM
VAR333	OUTGOING VAL TOT OWNED
VAR334	OUTGOING VAL TOT OWED
VAR337	INCOMING VAL LAND
VAR338	INCOMING VAL PERM CROPS
VAR339	INCOMING VAL BLDGS
VAR340	INCOMING VAL MACHINES
VAR341	INCOMING VAL DRAFT ANIM
VAR342	INCOMING VAL PROD ANIM
VAR343	INCOMING VAL TOT OWNED
VAR344	INCOMING VAL TOT OWED
VAR347	DEPRECIATION LAND
VAR348	DEPRECIATION PERM CROPS
VAR349	DEPRECIATION BLDGS
VAR350	DEPRECIATION MACHINES
VAR351	DEPRECIATION DRAFT ANIM
VAR352	DEPRECIATION PROD ANIM
VAR353	DEPRECIATION TOT OWNED
VAR354	DEPRECIATION TOT OWED
VAR357	ENDING VAL LAND
VAR358	ENDING VAL PERM CROPS
VAR359	ENDING VAL BLDGS
VAR360	ENDING VAL MACHINES
VAR361	ENDING VAL DRAFT ANIM
VAR362	ENDING VAL PROD ANIM
VAR363	ENDING VAL TOT OWNED

VAR364	ENDING VAL TOTAL OWED
VAR365	NET WORTH ENDING
VAR367	CROPS PROD CASH
VAR368	CROPS PROD KIND
VAR369	CROPS PROD TOTAL
VAR370	LIVSTK PROD CASH
VAR371	LIVSTK PROD KIND
VAR372	LIVSTK PROD TOTAL
VAR373	TOTAL PROD CASH
VAR374	TOTAL PROD KIND
VAR375	TOTAL PROD TOTAL
VAR376	VAR COSTS CASH
VAR377	VAR COSTS KIND
VAR378	VAR COSTS TOTAL
VAR379	GROSS MARGIN CASH
VAR380	GROSS MARGIN KIND
VAR381	GROSS MARGIN TOTAL
VAR383	VAL SHARECROP KIND
VAR384	VAL SHARECROP TOTAL
VAR385	GROSS MARGIN ADJ CASH
VAR386	GROSS MARGIN ADJ KIND
VAR387	GROSS MARGIN ADJ TOTAL
VAR388	RENT CASH
VAR389	RENT KIND
VAR390	RENT TOTAL
VAR391	TAXES CASH
VAR392	TAXES KIND
VAR393	TAXES TOTAL
VAR394	PMT PERM LABOR CASH
VAR395	PMT PERM LABOR KIND
VAR396	PMT PERM LABOR TOTAL
VAR397	INTEREST PAID CASH
VAR398	INTEREST PAID KIND
VAR399	INTEREST PAID TOTAL
VAR400	REPAIR MAINT CASH
VAR401	REPAIR MAINT KIND
VAR402	REPAIR MAINT TOTAL
VAR403	OTHER OVERHEAD CASH
VAR404	OTHER OVERHEAD KIND
VAR405	OTHER OVERHEAD TOTAL
VAR406	TOTAL OVERHEAD CASH
VAR407	TOTAL OVERHEAD KIND
VAR408	TOTAL OVERHEAD TOTAL
VAR409	NET FARM EARNINGS CASH
VAR410	NET FARM EARNINGS KIND
VAR411	NET FARM EARNINGS TOTAL
VAR412	OFF-FARM EARNINGS CASH
VAR413	OFF-FARM EARNINGS KIND
VAR414	OFF-FARM EARNINGS TOTAL
VAR415	FAMILY EARNINGS CASH
VAR416	FAMILY EARNINGS KIND
VAR417	FAMILY EARNINGS TOTAL

Appendix B.5

DOCUMENTATION FOR CROP MATRIX

Variable	Description
VAR005	FARM NUMBER
VAR002	CROP1
	11. CORN
	16. RICE
	28. MUNGBEANS
	29. PEANUTS
	32. CASSAVA
	33. SWEET POTATO
	164. SQUASH
	165. GOURD
	166. CUCUMBER
	167. EGGPLANT
	168. OKRA
	169. TOMATOES
	170. CHILLIES
	172. AMPALAYA
	193. STRINGBEANS
	194. WINGED BEANS
	499. FALLOW
VAR023	HA CULTIVATED
VAR030	MD SEEDBED PREP TOTAL
VAR031	MD SEEDBED PREP JAN
VAR032	MD SEEDBED PREP FEB
VAR033	MD SEEDBED PREP MAR
VAR034	MD SEEDBED PREP APR
VAR035	MD SEEDBED PREP MAY
VAR036	MD SEEDBED PREP JUN
VAR037	MD SEEDBED PREP JUL
VAR038	MD SEEDBED PREP AUG
VAR039	MD SEEDBED PREP SEP
VAR040	MD SEEDBED PREP OCT
VAR041	MD SEEDBED PREP NOV
VAR042	MD SEEDBED PREP DEC
VAR043	MD TOT LAND PREP TOTAL
VAR044	MD TOT LAND PREP JAN
VAR045	MD TOT LAND PREP FEB
VAR046	MD TOT LAND PREP MAR
VAR047	MD TOT LAND PREP APR
VAR048	MD TOT LAND PREP MAY
VAR049	MD TOT LAND PREP JUN
VAR050	MD TOT LAND PREP JUL

VAR051	MD TOT LAND PREP AUG
VAR052	MD TOT LAND PREP SEP
VAR053	MD TOT LAND PREP OCT
VAR054	MD TOT LAND PREP NOV
VAR055	MD TOT LAND PREP DEC
VAR056	MD CLEARING TOTAL
VAR057	MD CLEARING JAN
VAR058	MD CLEARING FEB
VAR059	MD CLEARING MAR
VAR060	MD CLEARING APR
VAR061	MD CLEARING MAY
VAR062	MD CLEARING JUN
VAR063	MD CLEARING JUL
VAR064	MD CLEARING AUG
VAR065	MD CLEARING SEP
VAR066	MD CLEARING OCT
VAR067	MD CLEARING NOV
VAR068	MD CLEARING DEC
VAR069	MD DIGGING TOTAL
VAR070	MD DIGGING JAN
VAR071	MD DIGGING FEB
VAR072	MD DIGGING MAR
VAR073	MD DIGGING APR
VAR074	MD DIGGING MAY
VAR075	MD DIGGING JUN
VAR076	MD DIGGING JUL
VAR077	MD DIGGING AUG
VAR078	MD DIGGING SEP
VAR079	MD DIGGING OCT
VAR080	MD DIGGING NOV
VAR081	MD DIGGING DEC
VAR082	MD PLOWING TOTAL
VAR083	MD PLOWING JAN
VAR084	MD PLOWING FEB
VAR085	MD PLOWING MAR
VAR086	MD PLOWING APR
VAR087	MD PLOWING MAY
VAR088	MD PLOWING JUN
VAR089	MD PLOWING JUL
VAR090	MD PLOWING AUG
VAR091	MD PLOWING SEP
VAR092	MD PLOWING OCT
VAR093	MD PLOWING NOV
VAR094	MD PLOWING DEC
VAR095	MD PLANTING TOTAL
VAR096	MD PLANTING JAN
VAR097	MD PLANTING FEB
VAR098	MD PLANTING MAR
VAR099	MD PLANTING APR

VAR100	MDPLANTING MAY
VAR101	MD PLANTING JUN
VAR102	MD PLANTING JUL
VAR103	MD PLANTING AUG
VAR104	MD PLANTING SEP
VAR105	MD PLANTING OCT
VAR106	MD PLANTING NOV
VAR107	MD PLANTING DEC
VAR108	MD APPL FERT TOTAL
VAR109	MD APPL FERT JAN
VAR110	MD APPL FERT FEB
VAR111	MD APPL FERT MAR
VAR112	MD APPL FERT APR
VAR113	MD APPL FERT MAY
VAR114	MD APPL FERT JUN
VAR115	MD APPL FERT JUL
VAR116	MD APPL FERT AUG
VAR117	MD APPL FERT SEP
VAR118	MD APPL FERT OCT
VAR119	MD APPL FERT NOV
VAR120	MD APPL FERT DEC
VAR121	MD APPL PEST TOTAL
VAR122	MD APPL PEST JAN
VAR123	MD APPL PEST FEB
VAR124	MD APPL PEST MAR
VAR125	MD APPL PEST APR
VAR126	MD APPL PEST MAY
VAR127	MD APPL PEST JUN
VAR128	MD APPL PEST JUL
VAR129	MD APPL FERT AUG
VAR130	MD APPL PEST SEP
VAR131	MD APPL FERT OCT
VAR132	MD APPL PEST NOV
VAR133	MD APPL FERT DEC
VAR134	MD IRRIGATING TOTAL
VAR135	MD IRRIGATING JAN
VAR136	MD IRRIGATING FEB
VAR137	MD IRRIGATING MAR
VAR138	MD IRRIGATING APR
VAR139	MD IRRIGATING MAY
VAR140	MD IRRIGATING JUN
VAR141	MD IRRIGATING JUL
VAR142	MD IRRIGATING AUG
VAR143	MD IRRIGATING SEP
VAR144	MD IRRIGATING OCT
VAR145	MD IRRIGATING NOV
VAR146	MD IRRIGATING DEC
VAR147	MD CULTIV TOTAL
VAR148	MD CULTIV JAN

VAR149	MD CULTIV FEB
VAR150	MD CULTIV MAR
VAR151	MD CULTIV APR
VAR152	MD CULTIV MAY
VAR153	MD CULTIV JUN
VAR154	MD CULTIV JUL
VAR155	MD CULTIV AUG
VAR156	MD CULTIV SEP
VAR157	MD CULTIV OCT
VAR158	MD CULTIV NOV
VAR159	MD CULTIV DEC
VAR160	MD WEEDING TOTAL
VAR161	MD WEEDING JAN
VAR162	MD WEEDING FEB
VAR163	MD WEEDING MAR
VAR164	MD WEEDING APR
VAR165	MD WEEDING MAY
VAR166	MD WEEDING JUN
VAR167	MD WEEDING JUL
VAR168	MD WEEDING AUG
VAR169	MD WEEDING SEP
VAR170	MD WEEDING OCT
VAR171	MD WEEDING NOV
VAR172	MD WEEDING DEC
VAR173	MD HOEING TOTAL
VAR174	MD HOEING JAN
VAR175	MD HOEING FEB
VAR176	MD HOEING MAR
VAR177	MD HOEING APR
VAR178	MD HOEING MAY
VAR179	MD HOEING JUN
VAR180	MD HOEING JUL
VAR181	MD HOEING AUG
VAR182	MD HOEING SEP
VAR183	MD HOEING OCT
VAR184	MD HOEING NOV
VAR185	MD HOEING DEC
VAR199	MD HARVEST TOTAL
VAR200	MD HARVEST JAN
VAR201	MD HARVEST FEB
VAR202	MD HARVEST MAR
VAR203	MD HARVEST APR
VAR204	MD HARVEST MAY
VAR205	MD HARVEST JUN
VAR206	MD HARVEST JUL
VAR207	MD HARVEST AUG
VAR208	MD HARVEST SEP
VAR209	MD HARVEST OCT
VAR210	MD HARVEST NOV

VAR211	MD HARVEST DEC
VAR212	MD CUTTING TOTAL
VAR213	MD CUTTING JAN
VAR214	MD CUTTING FEB
VAR215	MD CUTTING MAR
VAR216	MD CUTTING APR
VAR217	MD CUTTING MAY
VAR218	MD CUTTING JUN
VAR219	MD CUTTING JUL
VAR220	MD CUTTING AUG
VAR221	MD CUTTING SEP
VAR222	MD CUTTING OCT
VAR223	MD CUTTING NOV
VAR224	MD CUTTING DEC
VAR225	MD THRESHING TOTAL
VAR238	MD SORTING TOTAL
VAR251	MD OTHER ACT TOTAL
VAR264	MD LABOR TOTAL
VAR265	MD LABOR JAN
VAR266	MD LABOR FEB
VAR267	MD LABOR MAR
VAR268	MD LABOR APR
VAR269	MD LABOR MAY
VAR270	MD LABOR JUN
VAR271	MD LABOR JUL
VAR272	MD LABOR AUG
VAR273	MD LABOR SEP
VAR274	MD LABOR OCT
VAR275	MD LABOR NOV
VAR276	MD LABOR DEC
VAR277	ANIM HR SOIL PREP TOT
VAR278	ANIM HR SOIL PREP JAN
VAR279	ANIM HR SOIL PREP FEB
VAR280	ANIM HR SOIL PREP MAR
VAR281	ANIM HR SOIL PREP APR
VAR282	ANIM HR SOIL PREP MAY
VAR283	ANIM HR SOIL PREP JUN
VAR284	ANIM HR SOIL PREP JUL
VAR285	ANIM HR SOIL PREP AUG
VAR286	ANIM HR SOIL PREP SEP
VAR287	ANIM HR SOIL PREP OCT
VAR288	ANIM HR SOIL PREP NOV
VAR289	ANIM HR SOIL PREP DEC
VAR290	ANIM HR CULTIV TOTAL
VAR291	ANIM HR CULTIV JAN
VAR292	ANIM HR CULTIV FEB
VAR293	ANIM HR CULTIV MAR
VAR294	ANIM HR CULTIV APR
VAR295	ANIM HR CULTIV MAY

VAR296	ANIM HR CULTIV JUN
VAR297	ANIM HR CULTIV JUL
VAR298	ANIM HR CULTIV AUG
VAR299	ANIM HR CULTIV SEP
VAR300	ANIM HR CULTIV OCT
VAR301	ANIM HR CULTIV NOV
VAR302	ANIM HR CULTIV DEC
VAR303	ANIM HR HARVEST TOTAL
VAR304	ANIM HR HARVEST JAN
VAR305	ANIM HR HARVEST FEB
VAR306	ANIM HR HARVEST MAR
VAR307	ANIM HR HARVEST APR
VAR308	ANIM HR HARVEST MAY
VAR309	ANIM HR HARVEST JUN
VAR310	ANIM HR HARVEST JUL
VAR311	ANIM HR HARVEST AUG
VAR312	ANIM HR HARVEST SEP
VAR313	ANIM HR HARVEST OCT
VAR314	ANIM HR HARVEST NOV
VAR315	ANIM HR HARVEST DEC
VAR316	ANIM HR OTHER ACT TOT
VAR317	ANIM HR OTHER ACT JAN
VAR318	ANIM HR OTHER ACT FEB
VAR319	ANIM HR OTHER ACT MAR
VAR320	ANIM HR OTHER ACT APR
VAR321	ANIM HR OTHER ACT MAY
VAR322	ANIM HR OTHER ACT JUN
VAR323	ANIM HR OTHER ACT JUL
VAR324	ANIM HR OTHER ACT AUG
VAR325	ANIM HR OTHER ACT SEP
VAR326	ANIM HR OTHER ACT OCT
VAR327	ANIM HR OTHER ACT NOV
VAR328	ANIM HR OTHER ACT DEC
VAR329	TRAC HR SOIL PREP TOT
VAR330	TRAC HR SOIL PREP JAN
VAR331	TRAC HR SOIL PREP FEB
VAR332	TRAC HR SOIL PREP MAR
VAR333	TRAC HR SOIL PREP APR
VAR334	TRAC HR SOIL PREP MAY
VAR335	TRAC HR SOIL PREP JUN
VAR336	TRAC HR SOIL PREP JUL
VAR337	TRAC HR SOIL PREP AUG
VAR338	TRAC HR SOIL PREP SEP
VAR339	TRAC HR SOIL PREP OCT
VAR340	TRAC HR SOIL PREP NOV
VAR341	TRAC HR SOIL PREP DEC
VAR342	TRAC HR CULTIV TOTAL
VAR343	TRAC HR CULTIV JAN
VAR344	TRAC HR CULTIV FEB

VAR345	TRAC HR CULTIV MAR
VAR346	TRAC HR CULTIV APR
VAR347	TRAC HR CULTIV MAY
VAR348	TRAC HR CULTIV JUN
VAR349	TRAC HR CULTIV JUL
VAR350	TRAC HR CULTIV AUG
VAR351	TRAC HR CULTIV SEP
VAR352	TRAC HR CULTIV OCT
VAR353	TRAC HR CULTIV NOV
VAR354	TRAC HR CULTIV DEC
VAR355	TRAC HR HARVEST TOT
VAR356	TRAC HR HARVEST JAN
VAR357	TRAC HR HARVEST FEB
VAR358	TRAC HR HARVEST MAR
VAR359	TRAC HR HARVEST APR
VAR360	TRAC HR HARVEST MAY
VAR361	TRAC HR HARVEST JUN
VAR362	TRAC HR HARVEST JUL
VAR363	TRAC HR HARVEST AUG
VAR364	TRAC HR HARVEST SEP
VAR365	TRAC HR HARVEST OCT
VAR366	TRAC HR HARVEST NOV
VAR367	TRAC HR HARVEST DEC
VAR368	TRAC HR OTHER ACT TOT
VAR369	TRAC HR OTHER ACT JAN
VAR370	TRAC HR OTHER ACT FEB
VAR371	TRAC HR OTHER ACT MAR
VAR372	TRAC HR OTHER ACT APR
VAR373	TRAC HR OTHER ACT MAY
VAR374	TRAC HR OTHER ACT JUN
VAR375	TRAC HR OTHER ACT JUL
VAR376	TRAC HR OTHER ACT AUG
VAR377	TRAC HR OTHER ACT SEP
VAR378	TRAC HR OTHER ACT OCT
VAR379	TRAC HR OTHER ACT NOV
VAR380	TRAC HR OTHER ACT DEC
VAR394	YIELD IN KG CROP1
VAR396	VALUE OF YIELD CROP1
VAR397	BY-PROD IN KG CROP1
VAR399	VALUE OF BY-PROD CROP1
VAR400	YIELD IN KG CROP2
VAR402	VALUE OF YIELD CROP2
VAR403	BY-PROD IN KG CROP2
VAR405	VALUE OF BY-PROD CROP2
VAR406	YIELD IN KG CROP3
VAR408	VALUE OF YIELD CROP3
VAR409	BY-PROD IN KG CROP3
VAR411	VALUE OF BY-PROD CROP3
VAR412	KG SEEDS CROP1
VAR415	KG SEEDS CROP2

VAR418	KG SEEDS CROP3
VAR421	KG ORG FERTILIZER
VAR423	COST ORG FERTILIZER
VAR424	KG MIN FERTILIZER
VAR426	COST MIN FERTILIZER
VAR427	KG N
VAR430	KG P205
VAR433	KG K20
VAR436	KG CAO
VAR441	COST INSECT
VAR444	COST FUNGIC
VAR447	COST RODENT
VAR450	COST HERBIC
VAR453	TOTAL COST PESTIC
VAR459	COST TRANSPORT
VAR460	HR HIRED LABOR
VAR462	COST HIRED LABOR
VAR463	HR HIRED ANIM POWER
VAR465	COST HIRED ANIM POWER
VAR466	HR OWNED ANIM POWER
VAR468	COST OWNED ANIM POWER
VAR469	HR HIRED TRAC POWER
VAR471	COST HIRED TRAC POWER
VAR472	HR OWNED TRAC POWER
VAROTH	COST OTHER VAR INPUTS
VAR480	RENT
VAR483	DEPRECIATION
VAR486	INTEREST
VAR489	OTHER OVERHEAD COSTS
ANIMHR	ANIMAL HR TOTAL
TRACHR	TRACTOR HR TOTAL
VALPRO	VAL TOTAL PROD
SEEDCT	TOTAL SEED COSTS
NEWVCT	NEW VAR COSTS
NEWTCT	NEW TOTAL COSTS
NEWNER	NEW NET FARM EARNINGS
NEWGRM	NEW GROSS MARGIN
VAR395	PRICE PER KG CROP1
VAR398	PRICE PER KG BY-PROD1
VAR401	PRICE PER KG CROP2
VAR404	PRICE PER KG BY-PROD2
VAR407	PRICE PER KG CROP3
VAR410	PRICE PER KG BY-PROD3

Appendix Table C1. Frequency Counts of the Classification Variable Village Number by Season.

VILNO	PHILIPPINES		
	WS1	DS1	WS2
1. SAN ISIDRO	40	40	40
2. LAGARE	41	41	41
3. KALIKID SUR	23	23	23
4. CAALIBANGBANGAN	60	60	60
5. GALVAN	34	34	34
6. NARVACAN I	37	37	38
7. SAN ANDRES	42	42	42
8. BUNOL	43	43	43

Appendix Table C2. Frequency Counts of the Classification Variable Farm Stratum by Season.

STRATA	PHILIPPINES		
	WS1	DS1	WS2
1. RAINFED-ANIMAL	43	43	43
2. RAINFED-2W TRACTOR	36	36	36
3. RAINFED-4W TRACTOR	32	32	31
4. IRRIG1C-ANIMAL	20	20	20
5. IRRIG1C-2W TRACTOR	29	29	29
6. IRRIG1C-4W TRACTOR	18	18	18
7. IRRIG2C-ANIMAL	41	41	40
8. IRRIG2C-2W TRACTOR	64	64	64
9. IRRIG2C-4W TRACTOR	37	37	37
10. LANDLESS			

Appendix Table C3. Frequency Counts of the Classification Variable Intermediate Farm Type by Season.

FTYPE1	PHILIPPINES		
	WS1	DS1	WS2
1. RAINFED-NONMECH	78	78	92
2. RAINFED-PARTMECH	46	46	4
3. RAINFED-FULLMECH	1	1	28
4. PUMP-IRRIG-NONMECH	40	40	30
5. PUMP-IRRIG-PARTMECH	15	15	7
6. PUMP-IRRIG-FULLMECH			9
7. GRAVTY-IRRIG-NONMECH	7	7	18
8. GRAVTY-IRRIG-PARTMECH	79	79	23
9. GRAVTY-IRRIG-FULLMECH	54	54	98
10. DID NOT CULTIVATE			8
11. LANDLESS			
12. MOVED, DIED ETC...			1

Appendix Table C4. Frequency counts of the Classification Variable Farm Stratum to Farm Type by Season.

NPF1	PHILIPPINES		
	WS1	DS1	WS2
1. RF-AN, RF-NM	33	33	
2. RF-AN, RF-PM	9	9	
3. RF-AN, RF-FM			
4. RF-AN, PI-NM			
5. RF-AN, PI-PM	1	1	
6. RF-AN, PI-FM			
7. RF-AN, GI-NM			
8. RF-AN, GI-PM			
9. RF-AN, GI-FM	15	15	
10. RF-2W, RF-NM	19	19	
11. RF-2W, RF-PM	1	1	
12. RF-2W, RF-FM	1	1	
13. RF-2W, PI-NM			
14. RF-2W, PI-PM			
15. RF-2W, PI-FM			
16. RF-2W, GI-NM			
17. RF-2W, GI-PM	19	19	
18. RF-2W, GI-FM	12	12	
19. RF-4W, RF-NM			
20. RF-4W, RF-PM	1	1	
21. RF-4W, RF-FM			
22. RF-4W, RF-NM			
23. RF-4W, RF-PM			
24. RF-4W, RF-FM			
25. RF-4W, RF-NM	6	6	
26. RF-4W, RF-PM	1	1	
27. RF-4W, RF-FM			
28. Il-AN, RF-NM	9	9	
29. Il-AN, RF-PM	1	1	
30. Il-AN, RF-FM			
31. Il-AN, PI-NM			
32. Il-AN, PI-PM	3	3	
33. Il-AN, PI-FM			
34. Il-AN, GI-NM	1	1	
35. Il-AN, GI-PM			
36. Il-AN, GI-FM	1	1	
37. Il-2W, RF-NM	2	2	
38. Il-2W, RF-PM			

Appendix Table C4. Continuation....

NPF1	PHILIPPINES		
	WS1	DS1	WS2
39. I1-2W, RF-FM			
40. I1-2W, PI-NM	14	14	
41. I1-2W, PI-PM	12	12	
42. I1-2W, PI-FM	1	1	
43. I1-2W, GI-NM			
44. I1-2W, GI-PM	4	4	
45. I1-2W, GI-FM	1	1	
46. I1-4W, RF-NM			
47. I1-4W, RF-PM	1	1	
48. I1-4W, RF-FM	8	8	
49. I1-4W, PI-NM	6	6	
50. I1-4W, PI-PM	2	2	
51. I1-4W, PI-FM			
52. I1-4W, GI-NM	18	18	
53. I1-4W, GI-PM	7	7	
54. I1-4W, GI-FM			
55. I2-AN, RF-NM	4	4	
56. I2-AN, RF-PM	6	6	
57. I2-AN, RF-FM			
58. I2-AN, PI-NM			
59. I2-AN, PI-PM			
60. I2-AN, PI-FM			
61. I2-AN, GI-NM	1	1	
62. I2-AN, GI-PM			
63. I2-AN, GI-FM	1	1	
64. I2-2W, RF-NM	27	27	
65. I2-2W, RF-PM	35	35	
66. I2-2W, RF-FM	1	1	
67. I2-2W, PI-NM			
68. I2-2W, PI-PM	6	6	
69. I2-2W, PI-FM	2	2	
70. I2-2W, GI-NM			
71. I2-2W, GI-PM	1	1	
72. I2-2W, GI-FM	21	21	
73. I2-4W, RF-NM	6	6	
74. I2-4W, RF-PM			
75. I2-4W, RF-FM			
76. I2-4W, PI-NM			
77. I2-4W, PI-PM			
78. I2-4W, PI-FM			
79. I2-4W, GI-NM			
80. I2-4W, GI-PM			
81. I2-4W, GI-FM			
82. DID NOT CULTIVATE			
83. LANDLESS			

Appendix Table C5. Frequency Counts of the Classification Variable Thresh by Season.

THRESH	PHILIPPINES	
	WS1	DS1
.	5	110
1. Manual Threshing	162	47
2. Mechanical Threshing	153	164

Appendix Table C6. Frequency Counts of the Classification Variable Tenure by Season.

TENURE	PHILIPPINES	
	WS1	DS1
.		1
1. Land is owned	165	88
2. Land is rented-in	153	124
3. Equally own and rented-in	2	108

Appendix D.

CONTENTS OF TAPE VOLUME - IR02PA
BACKUP TAPE - IR02QA

Position	Data Set Names	RECFM	LRECL	BLKSIZE
1	PH.FMS.WS1	FB	80	1600
2	PH.FMS.DS1	FB	80	1600
3	PH.FMS.WS2	FB	80	1600
4	PH.FMS.SUPPL91iB	FB	80	1600

CONTENTS OF TAPE VOLUME - IR02PB
BACKUP TAPE - IR02QB

Position	Data Set Names	RECFM	LRECL	BLKSIZE
1	PH.FRK.S230	FB	80	1600
2	PH.FRK.S231	FB	80	1600
3	PH.FRK.S232	FB	80	1600
4	PH.FRK.S240A	FB	80	1600
5	PH.FRK.S240B	FB	80	1600
6	PH.FRK.S241	FB	80	1600
7	PH.NONAG.WORKERS	FB	80	1600

CONTENTS OF TAPE VOLUME - IR02PC
BACKUP TAPE - IR02QC

Position	Data Set Names	RECFM	LRECL	BLKSIZE
1	PH.NRU.WS1	FB	80	1600
2	PH.RUF.WS1	FB	80	1600
3	PH.NRU.DS1	FB	80	1600
4	PH.RUF.DS1	FB	80	1600
5	PH.NRU.WS2	FB	80	1600
6	PH.RUF.WS2	FB	80	1600

CONTENTS OF TAPE VOLUME - IR02PD
BACKUP TAPE - 1R02QD

Position	Data Set Names	RECFM	LRECL	BLKSIZE
1	PH.FTS.WS1	FB	2032	20320
2	PH.CTS.WS1	FB	2032	20320
3	PH.FTS.DS1	FB	2032	20320
4	PH.CTS.DS1	FB	2032	20320
5	PH.FTS.WS2	FB	2032	20320
6	PH.CTS.WS2	FB	2032	20320

CONTENTS OF TAPE VOLUME - IR02PE
BACKUP TAPE - IR02QE

Position	Data Set Names	RECFM	LRECL	BLKSIZE
1	PHFRMWS1.SPSS	VB	2008	6012
2	PHCRPWS1.SPSS	VB	2008	6012
3	PHFRMDS1.SPSS	VB	2008	6012
4	PHCRPDS1.SPSS	VB	2008	6012
5	PHFRMWS2.SPSS	VB	2008	6012
6	PHCRPWS2.SPSS	VB	2008	6012

CONTENTS OF TAPE VOLUME - IR02PF
BACKUP TAPE - IR02QF

Position	Data Set Names	RECFM	LRECL	BLKSIZE
1	PHRUFWS1.SPSS	VB	2008	6012
2	PH91AWS1.SPSS	VB	2008	6012
3	PH91BWS1.SPSS	VB	2008	6012
4	PH91CWS1.SPSS	VB	2008	6012
5	PH912WS1.SPSS	VB	2008	6012
6	PH913WS1.SPSS	VB	2008	6012
7	PH915WS1.SPSS	VB	2008	6012
8	PH916WS1.SPSS	VB	2008	6012
9	PH917WS1.SPSS	VB	2008	6012
10	PH918WS1.SPSS	VB	2008	6012
11	PH919WS1.SPSS	VB	2008	6012
12	PH920WS1.SPSS	VB	2008	6012
13	PH930WS1.SPSS	VB	2008	6012
14	PH931WS1.SPSS	VB	2008	6012
15	PH932WS1.SPSS	VB	2008	6012
16	PH933WS1.SPSS	VB	2008	6012
17	PH934WS1.SPSS	VB	2008	6012
18	PH935WS1.SPSS	VB	2008	6012
19	PH936WS1.SPSS	VB	2008	6012
20	PH937WS1.SPSS	VB	2008	6012
21	PH938WS1.SPSS	VB	2008	6012
22	PH939WS1.SPSS	VB	2008	6012
23	PH940WS1.SPSS	VB	2008	6012
24	PH941WS1.SPSS	VB	2008	6012
25	PH942WS1.SPSS	VB	2008	6012
26	PH943WS1.SPSS	VB	2008	6012

CONTENTS OF TAPE VOLUME - IR02PG
BACKUP TAPE - IR02QG

Position	Data Set Names	RECFM	LRECL	BLKSIZE
1	PHRUFDS1.SPSS	VB	2008	6012
2	PH91ADS1.SPSS	VB	2008	6012
3	PH91CDS1.SPSS	VB	2008	6012
4	PH91DDS1.SPSS	VB	2008	6012
5	PH91EDS1.SPSS	VB	2008	6012
6	PH912DS1.SPSS	VB	2008	6012
7	PH913DS1.SPSS	VB	2008	6012
8	PH915DS1.SPSS	VB	2008	6012
9	PH920DS1.SPSS	VB	2008	6012
10	PH921DS1.SPSS	VB	2008	6012
11	PH931DS1.SPSS	VB	2008	6012
12	PH932DS1.SPSS	VB	2008	6012
13	PH933DS1.SPSS	VB	2008	6012
14	PH936DS1.SPSS	VB	2008	6012
15	PH937DS1.SPSS	VB	2008	6012
16	PH938DS1.SPSS	VB	2008	6012
17	PH939DS1.SPSS	VB	2008	6012
18	PH940DS1.SPSS	VB	2008	6012
19	PH942DS1.SPSS	VB	2008	6012
20	PH943WS1.SPSS	VB	2008	6012

CONTENTS OF TAPE VOLUME - IR02PH
BACKUP TAPE - IR02QH

Position	Data Set Names	RECFM	LRECL	BLKSIZE
1	PHRUFWS2.SPSS	VB	2008	6012
2	PH91AWS2.SPSS	VB	2008	6012
3	PH91CWS2.SPSS	VB	2008	6012
4	PH91DWS2.SPSS	VB	2008	6012
5	PH91EWS2.SPSS	VB	2008	6012
6	PH912WS2.SPSS	VB	2008	6012
7	PH913WS2.SPSS	VB	2008	6012
8	PH915WS2.SPSS	VB	2008	6012
9	PH916WS2.SPSS	VB	2008	6012
10	PH917WS2.SPSS	VB	2008	6012
11	PH920WS2.SPSS	VB	2008	6012
12	PH921WS2.SPSS	VB	2008	6012
13	PH931WS2.SPSS	VB	2008	6012
14	PH932WS2.SPSS	VB	2008	6012
15	PH933WS2.SPSS	VB	2008	6012
16	PH936WS2.SPSS	VB	2008	6012
17	PH937WS2.SPSS	VB	2008	6012
18	PH938WS2.SPSS	VB	2008	6012
19	PH939WS2.SPSS	VB	2008	6012
20	PH940WS2.SPSS	VB	2008	6012
21	PH943WS2.SPSS	VB	2008	6012

CONTENTS OF TAPE VOLUME - IR02PI
BACKUP TAPE - IR02QI

Position	Data Set Names	RECFM	LRECL	BLKSIZE
1	PHFRMWS1.SAS	U	32756	32760
2	PHCRPWS1.SAS	U	32756	32760
3	PHFRMDS1.SAS	U	32756	32760
4	PHCRPDS1.SAS	U	32756	32760
5	PHFRMWS2.SAS	U	32756	32760
6	PHCRPWS2.SAS	U	32756	32760

CONTENTS OF TAPE VOLUME - IR02PJ
BACKUP TAPE - IR02QJ

Position	Data Set Names	RECFM	LRECL	BLKSIZE
1	PHRUFWS1.SAS	U	32756	32760
2	PH91AWS1.SAS	U	32756	32760
3	PH91BWS1.SAS	U	32756	32760
4	PH91CWS1.SAS	U	32756	32760
5	PH912WS1.SAS	U	32756	32760
6	PH913WS1.SAS	U	32756	32760
7	PH915WS1.SAS	U	32756	32760
8	PH916WS1.SAS	U	32756	32760
9	PH917WS1.SAS	U	32756	32760
10	PH918WS1.SAS	U	32756	32760
11	PH919WS1.SAS	U	32756	32760
12	PH920WS1.SAS	U	32756	32760
13	PH930WS1.SAS	U	32756	32760
14	PH931WS1.SAS	U	32756	32760
15	PH932WS1.SAS	U	32756	32760
16	PH933WS1.SAS	U	32756	32760
17	PH934WS1.SAS	U	32756	32760
18	PH935WS1.SAS	U	32756	32760
19	PH936WS1.SAS	U	32756	32760
20	PH937WS1.SAS	U	32756	32760
21	PH938WS1.SAS	U	32756	32760
22	PH939WS1.SAS	U	32756	32760
23	PH940WS1.SAS	U	32756	32760
24	PH941WS1.SAS	U	32756	32760
25	PH942WS1.SAS	U	32756	32760
26	PH943WS1.SAS	U	32756	32760

CONTENTS OF TAPE VOLUME - IR02PK
BACKUP TAPE - IR02QK

Position	Data Set Names	RECFM	LRECL	BLKSIZE
1	PHRUFDS1.SAS	U	32756	32760
2	PH91ADS1.SAS	U	32756	32760
3	PH91CDS1.SAS	U	32756	32760
4	PH91DDS1.SAS	U	32756	32760
5	PH91EDS1.SAS	U	32756	32760
6	PH912DS1.SAS	U	32756	32760
7	PH913DS1.SAS	U	32756	32760
8	PH915DS1.SAS	U	32756	32760
9	PH920DS1.SAS	U	32756	32760
10	PH921DS1.SAS	U	32756	32760
11	PH931DS1.SAS	U	32756	32760
12	PH932DS1.SAS	U	32756	32760
13	PH933DS1.SAS	U	32756	32760
14	PH936DS1.SAS	U	32756	32760
15	PH937DS1.SAS	U	32756	32760
16	PH938DS1.SAS	U	32756	32760
17	PH939DS1.SAS	U	32756	32760
18	PH940DS1.SAS	U	32756	32760
19	PH942DS1.SAS	U	32756	32760
20	PH943DS1.SAS	U	32756	32760

CONTENTS OF TAPE VOLUME - IR02PL
BACKUP TAPE - IR02QL

Position	Data Set Names	RECFM	LRECL	BLKSIZE
1	PHRUFWS2.SAS	U	32756	32760
2	PH91AWS2.SAS	U	32756	32760
3	PH91CWS2.SAS	U	32756	32760
4	PH91DWS2.SAS	U	32756	32760
5	PH91EWS2.SAS	U	32756	32760
6	PH912WS2.SAS	U	32756	32760
7	PH913WS2.SAS	U	32756	32760
8	PH915WS2.SAS	U	32756	32760
9	PH916WS2.SAS	U	32756	32760
10	PH917WS2.SAS	U	32756	32760
11	PH920WS2.SAS	U	32756	32760
12	PH921WS2.SAS	U	32756	32760
13	PH931WS2.SAS	U	32756	32760
14	PH932WS2.SAS	U	32756	32760
15	PH933WS2.SAS	U	32756	32760
16	PH936WS2.SAS	U	32756	32760
17	PH937WS2.SAS	U	32756	32760
18	PH938WS2.SAS	U	32756	32760
19	PH939WS2.SAS	U	32756	32760
20	PH940WS2.SAS	U	32756	32760
21	PH943WS2.SAS	U	32756	32760

Appendix E.

LIST OF FORMS	FORM NO.
Resource Utilization Form	RUF
HH Labour Form A (Farmer and HH member with other work)	911A
HH Labour Form B (Other HH members not recorded in Form A or C)	911B
HH Labour Form C (Permanent Labourers)	911C
HH Labour Form D (Monthly income of household members with off or non-farm work	911D
HH Labour Form E (Permanent Labourer's monthly income	911E
Farm Land	912
Crops	913
Farm Machinery	915
Draft Animals	916
Productive Animals	917
Buildings	918
Farm Implements and Tools	919
Financial Liabilities	920
Inventory Change	921

LIST OF FORMS	FORM NO.
Demographic Information	930
Landlord's Contribution to Cultivation Expenses	931
Cropping Pattern History	932
Machine Use/Changes in Croppping Pattern	933
Other Assets: Non-Agricultural Land and Vehicles	934
Others Assets: Home Consumer Durables	935
Decision-Making re: Machine Purchase	936
Machine Use, Income, and Maintenance	937
Machine Breakdown and Repair	938
Disposal of Product	939
Sale/Marketing of Produce	940
Land Reclamation	941
Extension Services/Machine Operation/Training/ Farmer's Organization	942
Work Opportunities/Preferences of Landless Field Labourers	943
Actual and Ideal Dates for Crucial Farm Activities	944
Animal Diseases/Accidents with Animals	945

Column	SURVEY	RESOURCE FLOW [illegible]		
01	/_/_/_/	/_/_/_/	/_/_/_/	Enterprise[1/]
04	/_/_/_/	/_/_/_/	/_/_/_/	Parcel/[illegible] ID
07	/_/_/_/	/_/_/_/	/_/_/_/	Type of input/output[2/]
10	/_/_/_/	/_/_/_/	/_/_/_/	Activity[3/]
13	/_/_/_/	/_/_/_/	/_/_/_/	Date (month + week)
16	/_/_/_/_/_/	/_/_/_/_/_/	/_/_/_/_/_/	Amount, in hours, kg.
21	/_/	/_/	/_/	1 = cash; 2 = kind; 3 = cash + meal
22	/_/_/_/_/_/_/	/_/_/_/_/_/_/	/_/_/_/_/_/_/	Value
28	/_/_/_/	/_/_/_/	/_/_/_/	Type of input/output[2/]
31	/_/_/_/	/_/_/_/	/_/_/_/	Activity[3/]
34	/_/_/_/	/_/_/_/	/_/_/_/	Date (month + week)
37	/_/_/_/_/_/	/_/_/_/_/_/	/_/_/_/_/_/	Amount, in hours, kg.
42	/_/	/_/	/_/	1 = cash; 2 = kind; 3 = cash + meal
43	/_/_/_/_/_/_/	/_/_/_/_/_/_/	/_/_/_/_/_/_/	Value
49	/_/_/_/	/_/_/_/	/_/_/_/	Type of input/output[2/]
52	/_/_/_/	/_/_/_/	/_/_/_/	Activity[3/]
55	/_/_/_/	/_/_/_/	/_/_/_/	Date (month + week)
58	/_/_/_/_/_/	/_/_/_/_/_/	/_/_/_/_/_/	Amount, in hours, kg.
63	/_/	/_/	/_/	1 = cash; 2 = kind; 3 = cash + meal
64	/_/_/_/_/_/_/	/_/_/_/_/_/_/	/_/_/_/_/_/_/	Value
70	/_/_/_/	/_/_/_/	/_/_/_/	Mixture pointer
73	/_/	/_/	/_/	Sub-sub parcel ID
74	/_/	/_/	/_/	Card ID
75	/_/_/_/	/_/_/_/	/_/_/_/	HOUSEHOLD CODE
78	/_/_/_/	/_/_/_/	/_/_/_/	PROJECT CODE

1/See crop and livestock enterprise guide and code list (I in guide and code list).

2/See input/output code list (II in guide and code list).

3/See activities code list (III in guide and code list).

Column	HH LABOR FORM A (Farmer/HH head and household members with work outside own farm)			
	Farmer/HH head			
01	/9/1/1/	/9/1/1/	/9/1/1/	(Mandatory code)
04	/_/	skip	skip	(Insert "1" if the farmer HH head is a male; "2" if a female)
05	/_/_/	/_/_/	/_/_/	HOUSEHOLD MEMBER CODE (Classify the household member being discussed): 01 = farmer; 02 = spouse; 12 = children under 10 yrs; 13 = male adult (10 yrs. & over); 14 = female adult (10 yrs. and over)
07	/_/_/	/_/_/	/_/_/	How old are you (is this person)?
09	/_/_/	/_/_/	/_/_/	How many years did you (did this person) study?
11	/_/_/	skip	skip	How many years have you been farming?
13	/_/_/	/_/_/	/_/_/	What type of other work do you (does this person) do? (Write type of work in space below blanks. Code during editing): 11 = agriculture; 12 = forestry; 13 = fishery; 14 = handicraft; 15 = industry; 16 = commerce; 17 = services (See codes below for job combination codes. If HH head has no other work, col. 15-54 are NAP).
15	/_/	/_/	/_/	Are you (is this person) self-employed or an an employee of someone else? 1 = employee 2 = self-employed
16-18	skip	skip	skip	How many days did you (did this person) work every month this crop year?
				1st income earner:
19	/_/_/ /_/_/	/_/_/ /_/_/	/_/_/ /_/_/	Jan. _____ Feb. _____
23	/_/_/ /_/_/	/_/_/ /_/_/	/_/_/ /_/_/	March _____ Apr. _____
27	/_/_/ /_/_/	/_/_/ /_/_/	/_/_/ /_/_/	May _____ June _____
31	/_/_/ /_/_/	/_/_/ /_/_/	/_/_/ /_/_/	July _____ Aug. _____
35	/_/_/ /_/_/	/_/_/ /_/_/	/_/_/ /_/_/	Sept. _____ Oct. _____
39	/_/_/ /_/_/	/_/_/ /_/_/	/_/_/ /_/_/	Nov. _____ Dec. _____
43	/_/_/_/_/_/_/	/_/_/_/_/_/_/	/_/_/_/_/_/_/	How much did you (did this person) earn in cash this year?
49	/_/_/_/_/_/_/	/_/_/_/_/_/_/	/_/_/_/_/_/_/	How much did you (did this person) earn in kind (cash equivalent) this year?
55-73	skip	skip	skip	
74	/_/	/_/	/_/	Card no.
75	/_/_/_/	/_/_/_/	/_/_/_/	HOUSEHOLD CODE
78	/_/_/_/	/_/_/_/	/_/_/_/	PROJECT CODE

1/COMBINATION OF TYPES OF WORK (For persons with more than one job).

21 = agriculture and forestry
22 = agriculture and fishery
23 = agriculture and handicraft
24 = agriculture and industry
25 = agriculture and commerce
26 = agriculture and services
27 = forestry and fishery
28 = forestry and handicraft
29 = forestry and industry
30 = forestry and commerce
31 = forestry and services
32 = fishery and handicraft
33 = fishery and industry
34 = fishery and commerce
35 = fishery and services
36 = handicraft and industry
37 = handicraft and commerce
38 = handicraft and services
39 = industry and commerce
40 = industry and services
41 = commerce and services
77 = other (specify)_____

2nd income earner:

Jan. _____ Feb. _____
March _____ Apr. _____
May _____ June _____
July _____ Aug. _____
Sept. _____ Oct. _____
Nov. _____ Dec. _____

3rd income earner:

Jan. _____ Feb. _____
March _____ Apr. _____
May _____ June _____
July _____ Aug. _____
Sept. _____ Oct. _____
Nov. _____ Dec. _____

Form B

column	HH LABOUR FORM B (Other household members not recorded on Form A)	
01	/9/1/1/	(Mandatory code)
04	/9/9/	(Mandatory code)
07	/ / /	Number of wives
09	/ / /	Number of other male adults (10 yrs. and over)
11	/ / /	Number of other female adults (10 yrs. and over)
13	/ / /	Number of other children (male or female children below 10 yrs.)
15-74	skip	
75	/ / / /	HOUSEHOLD CODE
78	/ / / /	PROJECT CODE

column			
			LABOUR FORM C (Permanent labourers)
01	/9/1/1/	/9/1/1/	(Mandatory code)
04	/0/2/0/	/0/2/0/	(Mandatory code)
07	/_/_/	/_/_/	How old is this permanent labourer (PL)?
09	/_/	/_/	Is this PL male or female? 1 = male; 2 = female
10-18	skip	skip	How many days in each month is this permanent labourer available to work?
			1st permanent labourer:
19	/_/_/ /_/_/	/_/_/ /_/_/	Jan. _____ Feb. _____
23	/_/_/ /_/_/	/_/_/ /_/_/	March _____ April _____
27	/_/_/ /_/_/	/_/_/ /_/_/	May _____ June _____
31	/_/_/ /_/_/	/_/_/ /_/_/	July _____ August _____
35	/_/_/ /_/_/	/_/_/ /_/_/	Sept. _____ Oct. _____
39	/_/_/ /_/_/	/_/_/ /_/_/	Nov. _____ Dec. _____
			2nd permanent laborer:
			Jan. _____ Feb. _____
			March _____ April _____
			May _____ June _____
			July _____ August _____
			Sept. _____ Oct. _____
			Nov. _____ Dec. _____
43	/_/_/_/_/_/_/	/_/_/_/_/_/_/	How much did this permanent labourer earn in cash this year?
49	/_/_/_/_/_/_/	/_/_/_/_/_/_/	How much did this permanent labourer earn in kind (cash equivalent) this year?
			If labourer is employed for only one enterprise:
55	/_/_/_/	/_/_/_/	What enterprise does this permanent labourer work for?
			Place a "1" where applicable:
			Do you provide this permanent labourer any of the ff:
58	/_/ /_/ /_/	/_/ /_/ /_/	food? clothing? lodging?
61	/_/ /_/	/_/ /_/	land? others? (specify)_____
63	/_/_/_/_/	/_/_/_/_/	What is the estimated cash value of all these provisions/year?
67-73	skip	skip	
74	/_/	/_/	Card no.
75	/_/_/_/	/_/_/_/	HOUSEHOLD CODE
78	/_/_/_/	/_/_/_/	PROJECT CODE

column	Form D (Monthly income of household members with off or non-farm work)			
01	/9/1/1/		Mandatory code	
04	skip			
05	/9/0/		Mandatory code	
07	/_/_/		HH member code	
09	/_/_/		Type of off- or non-farm work (Use codes found in Form A)	
			INCOME BY MONTH	
11	/_/_/_/_/_/	/_/_/_/_/_/	January	February
21	/_/_/_/_/_/	/_/_/_/_/_/	March	April
31	/_/_/_/_/_/	/_/_/_/_/_/	May	June
41	/_/_/_/_/_/	/_/_/_/_/_/	July	August
51	/_/_/_/_/_/	/_/_/_/_/_/	September	October
61	/_/_/_/_/_/	/_/_/_/_/_/	November	December
71-73	skip			
74	/_/		Card no. (match with Form A)	
75	/_/_/_/		HH code	
78	/_/_/_/		Project Code	

FORM E (Permanent Laborer's Monthly Income)

column				
01	/9/1/1/		Mandatory code	
04	/0/2/1/		Mandatory code	
08	skip			
09	/_/		Sex of PL: 1 = male 2 = female	
			INCOME BY MONTH	
11	/_/_/_/_/_/	/_/_/_/_/_/	January	February
21	/_/_/_/_/_/	/_/_/_/_/_/	March	April
31	/_/_/_/_/_/	/_/_/_/_/_/	May	June
41	/_/_/_/_/_/	/_/_/_/_/_/	July	August
51	/_/_/_/_/_/	/_/_/_/_/_/	September	October
61	/_/_/_/_/_/	/_/_/_/_/_/	November	December
71-73	skip			
74	/_/		Card no. (match with Form C)	
75	/_/_/_/		HH code	
78	/_/_/_/		Project code	

column		FARM LAND (one per parcel)
01	/9/1/2/	(Mandatory code)
04	/_/_/_/	Parcel/Subparcel ID
07-08	skip	
09	/_/_/_/_/	How big is this parcel (in hectares using 3 decimal places)?
13	/_/	What is the texture of the soil in this parcel? (Encircle correct answer): 1 = clay; 2 = clay loam; 3 = loam; 4 = silt; 5 = silt loam; 6 = sandy; 8 = sandy loam; 7 = others (specify)
14	/_/	What color is the soil in this parcel? (Encircle correct answer): 1 = red; 2 = brown; 4 = grey; 7 = others (specify) _____
15	/_/	What is the topography of this parcel? (Encircle correct answer): 1 = flat; 2 = sloping; 3 = steep; 4 = very steep; 5 = terraced; 7 = others (specify)_____
16	skip	
17	/_/_/	Does this parcel have any of the following restricting factors? (Encircle correct answer): 01 = waterlogging or flooding; 02 = general infertility; 03 = erosion; 04 = rocks and stones; 05 = sandiness; 06 = marshiness; 07 = salinity; 77 = others (specify)_____
19	/_/	What is the source of the irrigation in this parcel? (Encircle the correct answer): 1 = large technical system dam; 2 = brush diversion dam; 3 = pumped from farm well; 4 = pumped from surface flow; 7 = others (specify) _____
20-24	skip	
		FOR OWNERS AND AMORTIZING OWNERS ONLY
25	/_/_/_/_/_/_/	What is the estimated value of this parcel?
31	/_/_/_/_/_/_/	How much land tax do you have to pay for this parcel?
37	skip	
38	/_/_/	What is the tenure status of this parcel? 10 = owned; 11 = amortized Rented out: 21 = leased; 22 = share-cropped (tenanted); 23 = mortgaged; 27 = others (specify) _____ Rented-in: 31 = leased; 32 = share-cropped (tenanted); 33 = mortgaged; 37 = others (specify)_____
		FOR THOSE WHO RENT-IN OR RENT-OUT ONLY
40	/_/_/_/	How many percent of the produce of this parcel goes to you?
		FOR THOSE WHO RENT-IN ONLY
43	/_/_/_/_/_/_/	How much rent do you pay in cash for this parcel?
49	/_/_/_/_/_/_/	How much rent do you pay in kind (cash equivalent) for this parcel?
		FOR ALL RESPONDENTS
55	/_/ /_/	Have you done any of the following improvement on this parcel? (Rank up to 2 improvements): 1 = land clearing; 2 = levelling; 3 = terracing; 5 = land consolidation; 7 = others (specify)_____
57-59	skip	
60	/_/	Cropping season: 0 = whole year; 1 = wet season; 2 = 2nd cropping season; 3 = 3rd cropping season
61	/_/_/_/_/_/_/	What was the original cost of this parcel (including unpaid laborer for repair/improvement)?
67	/_/_/_/_/_/_/	How much did you spend for the repair and maintenance of this parcel last year?
73	/_/	Sub-subparcel no.
74	/_/	Card no.
75	/_/_/_/	HOUSEHOLD CODE
78	/_/_/_/	PROJECT CODE

column		CROPS
01	/9/1/3/	(Mandatory code)
04	/_/_/_/	Parcel/Subparcel ID
07-08	skip	
09	/_/_/_/_/	How big is this parcel? (in hectares using 3 decimal places).
13	/_/_/_/	What is the main crop planted in this parcel? (WRITE IN BLANK)_____
16	/_/_/_/	What is the second crop (if any intercropped) planted in this parcel?_____
19	/_/_/_/	What is the third crop (if any intercropped) planted in this parcel?_____
22	/_/_/_/	Mixture pointer (In case of intercrop mixtures, this indicates the particular crop of the intercrop mixture the information below relates to. One half card is to be filled in for each crop of the mixture. The parcel ID, size, and main crop remains the same while the mixture pointer changes).
25	/_/_/	What is the variety of this crop? (WRITE IN BLANK)_____ (When coding, see codes below).
29	/_/_/	What method did you use when planting in this parcel? 10 = broadcasting irregular 30 = transplanting in straight rows 20 = transplanting irregular 40 = direct seeding in straight rows
31	/_/_/	What month (1-12) did you plant in this parcel? (WRITE IN BLANK)_____
33	/_/	Which week (1-4) of this month did you plant in this parcel? (WRITE DATE IN BLANK)
34	/_/	Sub-subparcel no.
35-39	skip	
40	/_/_/_/	Parcel/Subparcel ID
43	/_/_/_/_/	How big is this parcel? (in hectares using 3 decimal places).
47	/_/_/_/	What is the main crop planted in this parcel? (WRITE IN BLANK)_____
50	/_/_/_/	What is the second crop (if any intercropped) planted in this parcel?_____
53	/_/_/_/	What is the third crop (if any intercropped) planted in this parcel?_____
56	/_/_/_/	Mixture pointer (In case of intercrop mixture, this indicates the particular crop of the intercrop mixture the information below relates to. One half card is to be filled in for each crop of the mixture. The parcel ID, size, and main crop remains the same while the mixture pointer changes).
59	/_/_/	What is the variety of this crop? (WRITE IN BLANK)_____
61	/_/_/	What method did you use when planting in this parcel? 10 = broadcasting irregular 30 = transplanting in straight rows 20 = transplanting irregular 40 = direct seeding in straight rows
63	/_/_/	What month (1-12) did you plant in this parcel (WRITE IN BLANK)_____
65	/_/	Which week (1-4) of this month did you plant in this parcel? (WRITE IN BLANK)____
66-68	skip	
69	/_/	Cropping season: 1 = wet season; 2 = 2nd season; 3 = 3rd season
70-72	skip	
73	/_/	Sub-subparcel no.
74	/_/	Card no.
75	/_/_/_/	HOUSEHOLD CODE
78	/_/_/_/	PROJECT CODE

1/RICE VARIETIES

Traditional lowland

01 = undetermined trad. lowland
02 = Bengawan
03 = Intan
04 = Tjeremas
05 = BE-3
06 = Tinandang Puti
07 = Tinandang Pula
08 = Inintiw
09 = Tinabaka

Traditional upland

13 = undetermined trad. upland
14 = Fortuna
15 = Azocena
16 = Palawan
17 = Dinolaca

Other trad. rice varieties

20-29 = Open for Indonesia
40-59 = Open for Thailand
30-39 = Open for Philippines (used)

Modern lowland

60 = undet. modern lowland
61 = IR 5
62 = IR 8
63 = IR 20
64 = IR 22
65 = IR 24
66 = IR 26
67 = IR 28
68 = IR 29
69 = IR 30
70 = IR 32
71 = IR 34
72 = IR 36
73 = IR 38
74 = IR 40
75 = IR 42
76 = C4-63
78 = MRC 39
79 = C 168
89 = BPI 76
90 = IR 44
91 = IR46
92 = 247
93 = IR2307
30 = IR 71
31 = Jumbo jet
32 = 603
33 = 75 days
34 = IR 48
35 = IR 56

Modern upland

80 Undetermined modern upland
81 C-22

Other modern rice varieties

84-88 Open for Indonesia
89-93 Open for Phil. (used)
94-98 Open for Thailand

Corn & all other crops

01 Traditional
02 Modern or improved

N.B. The codes for Thailand are completely different from those for Indonesia and the Philippines.

column	FARM MACHINERY		
01	/9/1/5/	/9/1/5/	(Mandatory codes)
04	/_/	/_/	Machine ID
05	/_/_/	/_/_/	What type of machine do you own? (See codes below)1/
07	/_/_/_/	/_/_/_/	How many horsepower (HP) does this machine have?
10	/_/_/_/	/_/_/_/	What enterprise is this machine used for? (Fill in only if machine is used only for one enterprise, otherwise, cross out; use crop and livestock codes).
13	/_/_/	/_/_/	How old (in years) is this machine?
15-16	skip	skip	
17	/_/_/	/_/_/	In case of joint ownership: How many percent is your share in the ownership of this machine?
19	skip	skip	
20	/_/_/_/_/_/	/_/_/_/_/_/	How much did you pay for this machine?
25-30	skip	skip	
31	/_/_/_/_/_/_/	/_/_/_/_/_/_/	How much is your total annual fixed costs for this machine (e.g., tax and insurance)?
			NOTE TO INTERVIEWER: Columns 37-72 are to be left blank during the interview; these figures are to be derived from data in the resource utilization form and recorded later.
37	/_/_/_/_/_/_/	/_/_/_/_/_/_/	Annual repair and maintenance costs.
43	/_/_/	/_/_/	Fuel, liter/hour
45	/_/_/_/_/	/_/_/_/_/	Price/liter
49	/_/_/	/_/_/	Oil, liters/500 hours
51	/_/_/_/_/	/_/_/_/_/	Price/liter
55	/_/_/_/_/_/_/	/_/_/_/_/_/_/	Own use in hours/season
61	/_/	/_/	Rental use (1 = hours; 2 = hectares)/season
62	/_/_/_/_/_/	/_/_/_/_/_/	Amount of rental use
67	/_/_/_/_/_/_/	/_/_/_/_/_/_/	Income from rental use
73	skip	skip	
74	/_/	/_/	Card no.
75	/_/_/_/	/_/_/_/	HOUSEHOLD CODE
78	/_/_/_/	/_/_/_/	PROJECT CODE

Single underlined column numbers essential for calculating variable costs of machine use/hour.

Double underlined column numbers essential for calculating depreciation.

1/Type of machine:

11 2-wheel tractor with permanent engine
12 4-wheel tractor with permanent engine
14 2-wheel tractor with removable engine (excluding engine)
15 4-wheel tractor with removable engine (excluding engine)
13 crawler tractor
16 engine
64 thresher with permanent engine
65 thresher with removable engine (excluding engine)
67 rice mill
71 irrigation pump with permanent engine
73 irrigation pump with removable engine (excluding engine)
77 others (specify) _____

column	DRAFT ANIMALS (3 types per page)			
01	/9/1/6/	/9/1/6/	/9/1/6/	(Mandatory code)
04	skip	skip	skip	
05	/_/_/	/_/_/	/_/_/	What types of draft animals do you own? 01 = oxen/cattle 04 = donkeys 02 = buffaloes/carabaos 77 = others (specify) 03 = horses _____
07	/_/_/	/_/_/	/_/_/	Is this type of draft animal local or improved breed? 10 = local; 20 = improved; 30 = mixed
09	/_/_/ /_/_/	/_/_/ /_/_/	/_/_/ /_/_/	Which of the following management practices do you follow in caring for this type of draft animal? (Up to 2 practices): 01 = undetermined 04 = stallfeeding 02 = herding/grazing 05 = loose 03 = paddocking 06 = tied 77 = others (specify)_____
				(Interviewer should classify each type of a draft animal into subtypes by age and sex using the codes below)[1/]
13	/_/_/_/	/_/_/_/	/_/_/_/	SUBTYPE[1/]
16	/_/_/_/	/_/_/_/	/_/_/_/	How many animals of this subtype do you own?
19	/_/_/_/_/_/_/	/_/_/_/_/_/_/	/_/_/_/_/_/_/	What is the total value of the animals of this subtype?
25	/_/_/_/	/_/_/_/	/_/_/_/	SUBTYPE[1/]
28	/_/_/_/	/_/_/_/	/_/_/_/	How many animals of this subtype do you own?
31	/_/_/_/_/_/_/	/_/_/_/_/_/_/	/_/_/_/_/_/_/	What is the total value of the animals of this subtype?
37	/_/_/_/	/_/_/_/	/_/_/_/	SUBTYPE[1/]
40	/_/_/_/	/_/_/_/	/_/_/_/	How many animals of this subtype do you own?
43	/_/_/_/_/_/_/	/_/_/_/_/_/_/	/_/_/_/_/_/_/	What is the total value of the animals of this subtype?
49	/_/_/_/	/_/_/_/	/_/_/_/	SUBTYPE[1/]
52	/_/_/_/	/_/_/_/	/_/_/_/	How many animals of this subtype do you own?
55	/_/_/_/_/_/_/	/_/_/_/_/_/_/	/_/_/_/_/_/_/	What is the total value of the animals of this subtype?
61	/_/_/_/	/_/_/_/	/_/_/_/	SUBTYPE[1/]
64	/_/_/_/	/_/_/_/	/_/_/_/	How many animals of this subtype do you own?
67	/_/_/_/_/_/_/	/_/_/_/_/_/_/	/_/_/_/_/_/_/	What is the total value of the animals of this subtype?
73	skip	skip	skip	
74	/_/	/_/	/_/	Card no.
75	/_/_/_/	/_/_/_/	/_/_/_/	HOUSEHOLD CODE
78	/_/_/_/	/_/_/_/	/_/_/_/	PROJECT CODE

[1/] SUBTYPES

Males	Females	Undetermined
11 = undetermined	21 = undetermined	31 = undetermined
12 = under 6 months	22 = under 6 months	32 = under 6 months
13 = under one year	23 = under one year	33 = under one year
14 = 1-3 years	24 = 1-3 years	34 = 1-3 years
15 = over 3 years	25 = over 3 years	35 = over 3 years

column	PRODUCTIVE ANIMALS (3 types per page)			
01	/9/1/7/	/9/1/7/	/9/1/7/	(Mandatory code)
04	skip	skip	skip	
05	/_/_/	/_/_/	/_/_/	What types of productive animals do you own? 10 = cattle 60 = donkeys 20 = sheep 80 = poultry 30 = goats 90 = pigs 40 = buffaloes 77 = others (specify) 50 = horses
07	/_/_/	/_/_/	/_/_/	Is the type of productive animal local or improved breed? 10 = local; 20 = improved; 30 = mixed
09	/_/_/	/_/_/	/_/_/	Which of the following management practices do you follow in caring for this type of productive animal? 01 = undetermined 04 = stallfeeding 02 = herding/grazing 05 = loose 03 = paddocking 06 = tied 77 = others (specify)
11	/_/	/_/	/_/	For what main purpose do you keep this type of productive animal? (Up to 2 answers; start from left): 1 = milk 4 = tradition 2 = meat 5 = eggs 3 = breeding 7 = others (specify)
12	/_/	/_/	/_/	Do you raise these animals for: 1 = sale; 2 = home consumption; 3 = sale and home consumption
				(Interviewer should classify each type of productive animal into subtypes by age and sex using the codes below)-
13	/_/_/_/	/_/_/_/	/_/_/_/	SUBTYPE-1/
16	/_/_/_/	/_/_/_/	/_/_/_/	How many animals of this subtype do you own?
19	/_/_/_/_/_/_/	/_/_/_/_/_/_/	/_/_/_/_/_/_/	What is the total value of your productive animals of this subtype?
25	/_/_/_/	/_/_/_/	/_/_/_/	SUBTYPE-1/
28	/_/_/_/	/_/_/_/	/_/_/_/	How many animals of this subtype do you own?
31	/_/_/_/_/_/_/	/_/_/_/_/_/_/	/_/_/_/_/_/_/	What is the total value of your productive animals of this subtype?
37	/_/_/_/	/_/_/_/	/_/_/_/	SUBTYPE-1/
40	/_/_/_/	/_/_/_/	/_/_/_/	How many animals of this subtype do you own?
43	/_/_/_/_/_/_/	/_/_/_/_/_/_/	/_/_/_/_/_/_/	What is the total value of your productive animals of this subtype?
49	/_/_/_/	/_/_/_/	/_/_/_/	SUBTYPE-1/
52	/_/_/_/	/_/_/_/	/_/_/_/	How many animals of this subtype do you own?
55	/_/_/_/_/_/_/	/_/_/_/_/_/_/	/_/_/_/_/_/_/	What is the total value of your productive animals of this subtype?
61	/_/_/_/	/_/_/_/	/_/_/_/	SUBTYPE-1/
64	/_/_/_/	/_/_/_/	/_/_/_/	How many animals of this subtype do you own?
67	/_/_/_/_/_/_/	/_/_/_/_/_/_/	/_/_/_/_/_/_/	What is the total value of your productive animals of this subtype?
73	skip	skip	skip	
74	/_/	/_/	/_/	Card no.
75	/_/_/_/	/_/_/_/	/_/_/_/	HOUSEHOLD CODE
78	/_/_/_/	/_/_/_/	/_/_/_/	PROJECT CODE

1/SUBTYPES

Males
11 = undetermined
12 = under 6 months
13 = under 1 year
14 = 1-3 years
15 = over 3 years

Females
21 = undetermined
22 = under 6 months
23 = under 1 year
24 = 1-3 years
25 = over 3 years

Undetermined
31 = undetermined
32 = under 6 months
33 = under 1 year
34 = 1-3 years
35 = over 3 years

column		BUILDINGS
01	/9/1/8/	(Mandatory code)
02-06	skip	
07	/_/_/	What type of building do you have? 10 = residential house 20 = multipurpose farm house 30 = livestock house 40 = farm house 70 = machine house 80 = crop storage 77 = others (specify) _____
09	/_/	What type of construction materials is this building made of? 1 = light building materials 2 = mixed building materials 3 = strong building materials
10	/_/_/_/	What is the capacity of this building? (Specify in square meters)
13	/_/_/_/	Which enterprise is this building attributable to? (Specify using crop or livestock enterprise codes, i.e., codes for rice, corn, cattle,etc)
16	skip	
17	/_/_/	How old (in years) is this building?
19-20	skip	
21	/_/_/_/_/	How much did you spend for repair and maintenance of this building last year?
25	/_/_/_/_/_/_/	What was the original construction cost of this building?
Do not punch	)	Do you own this building or do you rent it? 1 = owned 2 = rented 3 = borrowing without rental fee If rented: How much rent do you pay for this building per year?
31	/_/_/	What type of building do you have? 10 = residential house 20 = multipurpose farm house 30 = livestock house 40 = farm house 70 = machine house 80 = crop storage 77 = others (specify) _____
33	/_/	What type of construction materials is this building made of? 1 = light building materials 2 = mixed building materials 3 = strong building materials
34	/_/_/_/	What is the capacity of this building? (Specify in square meters)
37	/_/_/_/	Which enterprise is this building attributable to? (Specify using crop or livestock enterprise codes, i.e. codes for rice, corn, cattle,etc)
40	skip	
41	/_/_/	How old (in years) is this building?
43-44	skip	
45	/_/_/_/_/	How much did you spend for repair and maintenance of this building last year?
49	/_/_/_/_/_/_/	What was the original construction cost of this building?
Do not punch	)	Do you own this building or do you rent it? 1 = owned 2 = rented 3 = borrowed without rental fee If rented: How much rent do you pay for this building per year?
55-73	skip	
74	/_/	Card no.
75	/_/_/_/	HOUSEHOLD CODE
78	/_/_/_/	PROJECT CODE

column	FARM IMPLEMENTS/TOOLS (3 forms, 5 types each)			
01	/9/1/9/	/9/1/9/	/9/1/9/	(Mandatory code)
04-07	skip	skip	skip	
08	/_/_/	/_/_/	/_/_/	TYPE[1/] What type of hand implements/tools do you own?
10	/_/_/_/	/_/_/_/	/_/_/_/	Number How many of this type do you own?
13	/_/_/_/_/_/_/	/_/_/_/_/_/_/	/_/_/_/_/_/_/	Total value What is the total sales value of all the hand implements/tools you own of this type?
19	skip	skip	skip	
20	/_/_/	/_/_/	/_/_/	TYPE[1/] What type of hand implements/tools do you own?
22	/_/_/_/	/_/_/_/	/_/_/_/	Number How many of this type do you own?
25	/_/_/_/_/_/_/	/_/_/_/_/_/_/	/_/_/_/_/_/_/	Total value What is the total sales value of all the hand implements/tools you own of this type?
31	skip	skip	skip	
32	/_/_/	/_/_/	/_/_/	TYPE[1/] What type of hand implements/tools do you own?
34	/_/_/_/	/_/_/_/	/_/_/_/	Number How many of this type do you own?
37	/_/_/_/_/_/_/	/_/_/_/_/_/_/	/_/_/_/_/_/_/	Total value What is the total sales value of all the hand implements/tools you own of this type?
43	skip	skip	skip	
44	/_/_/	/_/_/	/_/_/	TYPE[1/] What type of hand implements/tools do you own?
46	/_/_/_/	/_/_/_/	/_/_/_/	Number How many of this type do you own?
49	/_/_/_/_/_/_/	/_/_/_/_/_/_/	/_/_/_/_/_/_/	Total value What is the total sales value of all the hand implements/tools you own of this type?
55	skip	skip	skip	
56	/_/_/	/_/_/	/_/_/	TYPE[1/] What type of hand implements/tools do you own?
58	/_/_/_/	/_/_/_/	/_/_/_/	Number How many of this type do you own?
61	/_/_/_/_/_/_/	/_/_/_/_/_/_/	/_/_/_/_/_/_/	Total value What is the total sales value of all the hand implements/tools you own of this type?
67-73	skip	skip	skip	
74	/_/	/_/	/_/	Card no.
75	/_/_/_/	/_/_/_/	/_/_/_/	HOUSEHOLD CODE
78	/_/_/_/	/_/_/_/	/_/_/_/	PROJECT CODE

1/Hand or animal implements:

- 01 undetermined
- 11 ox plough
- 12 hoe
- 13 fork
- 15 spade
- 16 harrow
- 17 rake
- 45 sprayer
- 46 mechanical weeder
- 71 machet
- 73 sickle or scythe
- 74 winnower
- 76 flail
- 91 basket
- 92 sacks
- 93 axe
- 97 saw
- 77 others (specify)_____

1/Implements attached to machine:

- 21 mouldboard plough
- 22 disc plough
- 23 chisel plough
- 24 rotovator
- 31 disc harrow
- 35 comb harrow
- 46 weeder
- 65 big thresher (without engine)
- 72 irrigation pipes
- 75 blower (without engine)
- 89 transplanter
- 77 others (specify)_____

FINANCIAL LIABILITIES

column		
01	/9/2/0/	(Mandatory code)
04-07	skip	
08	/_/	What type of financial liability do you have this season? 1 = credit 3 = 2 = loan 7 = _____
09	/_/_/	In what month did you incur this liability?
11	/_/_/	What is the total duration (in months) of this financing?
13	/_/_/_/_/_/	How many percent interest per annum do you pay for this financing?
18	/_/	In what form did you receive this financing? 1 = in cash 3 = in a combination of cash and kind 2 = in kind
19	/_/_/_/_/_/_/	What is the total amount of this financial liability?
25	skip	
26	/_/	What security did you give for this financing? 1 = personal note 5 = livestock 2 = land 6 = building 3 = crops 7 = others (specify)_____ 4 = agricultural products
27	/_/ /_/	For what purpose did you incur this liability? (Up to 2 purposes) 1 = long term investment in agriculture (land, animals, machines, etc.) 2 = investment in other industries (cottage, trade, etc.) 3 = seasonal farm expenses (cultivation costs) 4 = consumption 5 = family expenses (school, medical, etc.) 6 = machine purchase 7 = others (specify) _____
29	/_/_/	What was the source of this financing? 01 = private bank 05 = middlemen 02 = cooperative 06 = government through bank 03 = landlord 07 = inputs dealer 04 = friends/relatives 77 = others (specify)_____
31	skip	
32	/_/	What other type of financial liability do you have this season? 1 = credit 3 = mortgage 2 = loan 7 = others (specify)_____
33	/_/_/	In what month did you incur this liability?
35	/_/_/	What is the total duration (in months) of this financing?
37	/_/_/_/_/_/	How many percent interest per annum do you pay for this financing?
42	/_/	In what form did you receive this financing? 1 = in cash; 2 = in kind; 3 = in a combination of cash and kind
43	/_/_/_/_/_/_/	What is the total amount of this financial liability?
49	skip	
50	/_/	What security did you give for this financing? 1 = personal note 5 = livestock 2 = land 6 = building 3 = crops 7 = others (specify)_____ 4 = agricultural products
51	/_/ /_/	For what purpose did you incur this liability? (Up to 2 purposes) 1 = long term investment in agriculture (land, animals, etc.) 2 = investment in other industries (cottage, trade, etc.) 3 = seasonal farm expenses (cultivation costs) 4 = consumption 5 = family expenses (school, medical, etc.) 6 = machine purchase 7 = others (specify)_____
53	/_/_/	What was the source of this financing? 01 = private bank 05 = middlemen 02 = cooperative 06 = government through bank 03 = landlord 07 = inputs dealer 04 = friends/relatives 77 = others (specify)_____
55-68	skip	
69	/_/	Cropping season: 1 = wet season; 2 = 2nd season; 3 = 3rd season
70-73	skip	
74	/_/	Card no.
75	/_/ /_/	HOUSEHOLD CODE
78	/ / /	PROJECT CODE

	CHANGES (2 forms, with 2 entries each)		
01	/9/2/1/	/9/2/1/	(Mandatory code)
07	/_/_/_/	/_/_/_/	In what subject group did change occur[1/]?
10	/_/_/_/	/_/_/_/	In what main group did change occur[2/]?
13	/_/_/	/_/_/	In what subtype of your livestock did change occur[3/]?
15	/_/	/_/	What type of change occurred[4/]?
16	/_/_/	/_/_/	In what month did this change occur?
18	/_/	/_/	In what week did this change occur?
19	/_/_/_/_/_/_/	/_/_/_/_/_/_/	What was the amount (numbers) that changed?
25	/_/	/_/	Did the change occur in cash or in kind? 1 = cash; 2 = kind
26	/_/_/_/_/_/	/_/_/_/_/_/	What was the total value of this change?
31	/_/_/_/	/_/_/_/	In what subject group did change occur[1/]?
34	/_/_/_/	/_/_/_/	In what main group did change occur[2/]?
37	/_/_/	/_/_/	In what subtype of your livestock did change occur[3/]?
39	/_/	/_/	What type of change occurred[4/]?
40	/_/_/	/_/_/	In what month did this change occur?
42	/_/	/_/	In what week did this change occur?
43	/_/_/_/_/_/_/	/_/_/_/_/_/_/	What was the amount (numbers) that changed?
49	/_/	/_/	Did the change occur in cash or in kind?
50	/_/_/_/_/_/	/_/_/_/_/_/	What was the total value of this change?
55-68	skip	skip	
69	/_/	/_/	Cropping season: 1 = wet season; 2 = 2nd cropping season; 3 = 3rd cropping season
70-73	skip	skip	
74	/_/	/_/	Card no.
75	/_/_/_/	/_/_/_/	HOUSEHOLD CODE
78	/_/_/_/	/_/_/_/	PROJECT CODE

1/ Subject group

911 Farm family, perm. hired labor
912 Land
913 Crops
915 Machinery (use only to record sales)
916 Draft/pack animals
917 Productive animals
918 Buildings
919 Implements/tools
920 Financial liabilities
934 Vehicles
935 Home consumer durables

2/ Main group for [illegible]

Such as:

Type of machines, animals, buildings, [illegible] code list [illegible] 918, 919, 920, [illegible]

3/ Sub-types (livestock)

Males
11 Undetermined
12 Under 6 months
13 Under 1 year
14 1-3 years
15 Over 3 years

Females
21 Undetermined
22 Under 6 months
23 Under 1 year
24 1-3 years
25 Over 3 years

Undetermined
31 Undetermined
32 Under 6 months
33 Under 1 year
34 1-3 years
35 over 3 years

4/ Type of change

1 Birth
2 Death, destruction
3 Sale
4 Consumption, given taken away, leave
5 Purchase, construction
6 Newcoming, arrival, contribution received, taken back
7 Debt paid back

Column		
01	/9/3/0/	(Mandatory code)
		Ask the following 3 questions for each of the farmers wives: (If more than one):
		WIFE 1
04	/_/_/	How old was your wife when she was first married?
06	/_/_/	How many times has she given birth (including still-born children)?
08	/_/_/	How many of her children have died (including still-born children)?
		WIFE 2
10	/_/_/	How old was your wife when she was first married?
12	/_/_/	How many times has she given birth (include still-born children)?
14	/_/_/	How many of her children have died (including still-born children)?
		NONPERMANENT HH MEMBERS RETURNING TO HELP IN FARM WORK
16	/_/_/	How many nonpermanent HH members came back to help you in farm work this cropping season?
		How many contributed to the each of the following activities?
18	/_/	18 = land preparation
19	/_/	19 = planting
20	/_/	20 = weeding/fertilizer or pesticide application
21	/_/	21 = harvesting/threshing
22	/_/_/_/	What was the total no. of days contributed by these people during this cropping season?
		OUTMIGRATION
25	/_/_/	What year did this farm household adopt the use of machines in land preparation? (NAP for non-farm HH's or non-mechanized farm HH)
27	/_/_/	How many HH members have permanently left the household since the year after this HH (or this village) adopted the use of machines in land preparation?
29	/_/_/ /_/_/	What type of HH members were these (space is provided for 5 persons);
33	/_/_/ /_/_/	classify them as they were at the time they left.
		01 = farmer — 13 = male adult (10 yrs. & over)
37	/_/_/	02 = spouse — 14 = female adult (10 yrs. & over)
		12 = children below 10 years
39	/_/_/ /_/_/	What were their reasons for leaving (Match reason to persons).
		01 = to study — 04 = to get married
43	/_/_/ /_/_/	02 = to find work (no job available in village) — 05 = to join relatives or friends elsewhere
47	/_/_/	03 = to find a better job (higher wages or better conditions) — 77 = others (specify) 1)_____ 2)_____ 3)_____ 4)_____ 5)_____
49	/_/	How many HH members have become seasonal migration workers (who work outside the village for short periods at a time) since the year after this HH (or this village) adopted machines in land preparation?
50	/_/_/	What year did this farm household get its irrigation supply? (NAP for non-farm HH's and non-irrigated farms).
52	/_/_/	How many HH members have permanently left the household since the year after this HH (or this village) got its irrigation supply?
54	/_/_/ /_/_/	What type of HH members were these? (Space is provided for 5 persons;
58	/_/_/ /_/_/	classify them as they were when they left).
		01 = farmer — 13 = male adult (10 years and over)
62	/_/_/	02 = spouse — 14 = female adult (10 years and over)
		12 = children below 5 years
64	/_/_/ /_/_/	What were their reasons for leaving? (Match reasons to persons)
		01 = to study — 04 = to get married
68	/_/_/ /_/_/	02 = to find work (no job available in village) — 05 = to join relatives or friends elsewhere
72	/_/_/	03 = to find a better job (higher wages or better conditions) — 77 = others (specify) 1)_____ 2)_____ 3)_____ 4)_____ 5)_____
74	/_/	How many HH members have become seasonal migration workers (who work outside the village for short periods at a time) since the year after this HH (or this village) got its irrigation supply?
75	/_/_/_/	HOUSEHOLD CODE
78	/_/_/_/	PROJECT CODE

column			LANDLORD'S CONTRIBUTION TO CULTIVATION EXPENSES* (one rented-in parcel and one rented-out parcel per card)
01	/9/3/1/	/9/3/1/	(Mandatory code)
	/_/_/_/	/_/_/_/	Parcel/Subparcel ID
07-08	skip	skip	LAND RENTED-IN BY RESPONDENT
09	/_/_/	/_/_/	What is the tenure status of this parcel? 31 = leased-in; 32 = share-cropped-in (tenanted); 33 = mortgaged-in; 37 = others (specify in space below blanks)
11	/_/	/_/	Does your landlord contribute to the cultivation costs for this parcel? 0 = No 1 = Yes
12	/_/_/	/_/_/	How many percent of land preparation costs does your landlord contribute?
14	/_/_/	/_/_/	How many percent of seed costs does your landlord contribute?
16	/_/_/	/_/_/	How many percent of planting labor costs does your landlord contribute?
18	/_/_/	/_/_/	How many percent of fertilizer costs does your landlord contribute?
20	/_/_/	/_/_/	How many percent of pesticide costs does your landlord contribute?
22	/_/_/	/_/_/	How many percent of weeding labor costs does your landlord contribute?
24	/_/_/	/_/_/	How many percent of harvesting costs does your landlord contribute?
26	/_/_/	/_/_/	How many percent of threshing/winnowing costs does your landlord contribute?
28	/_/	/_/	Sub-subparcel no.
			LAND RENTED-OUT IN BY RESPONDENT
29	/_/_/_/	/_/_/_/	Parcel/Subparcel ID
32	/_/_/	/_/_/	What is the tenure status of this parcel? 21 = leased out; 22 = share-cropped-out (tenanted); 23 = mortgaged-out; 27 = others (specify in space below blanks)
34	/_/	/_/	Do you (as a landlord) contribute to the cultivation costs for this parcel? 0 = No 1 = Yes
35	/_/_/	/_/_/	How many percent of land preparation costs do you contribute?
37	/_/_/	/_/_/	How many percent of seed costs do you contribute?
39	/_/_/	/_/_/	How many percent of planting labor costs do you contribute?
41	/_/_/	/_/_/	How many percent of fertilizer costs do you contribute?
43	/_/_/	/_/_/	How many percent of pesticide costs do you contribute?
45	/_/_/	/_/_/	How many percent of weeding labor costs do you contribute?
47	/_/_/	/_/_/	How many percent of harvesting costs do you contribute?
49	/_/_/	/_/_/	How many percent of threshing/winnowing costs do you contribute?
51-68	skip	skip	
69	/_/	/_/	Cropping season: 1 = wet season; 2 = 2nd cropping season; 3 = 3rd cropping season
70-72	skip	skip	
73	/_/	/_/	Sub-subparcel no.
74	/_/	/_/	Card no.
75	/_/_/_/	/_/_/_/	HOUSEHOLD CODE
78	/_/_/_/	/_/_/_/	Project Code

*Record 100% contribution as 9 8 .

column	Survey year	Yr. before mechanization	
01	/9/3/2/	/9/3/2/	(Mandatory code)
04	/_/_/_/	/_/_/_/	Parcel/Subparcel ID
07	/_/	/_/	YEAR CODE (1 = survey year; 2 = year before mechanization of land preparation)
08	/_/_/	/_/_/	YEAR (Record last 2 digits only)
10	/_/	/_/	If parcel was not yet cultivated during year before mechanization of land prep. record '1' on col. 10 of the 'survey year' card and cross out the mandatory code of the 'year before mechanization' card. If parcel is currently uncultivated record '1' on col. 10 of 'year before mechanization' card and cross out the mandatory code of 'survey year' card.
13	/_/_/_/_/	/_/_/_/_/	How big is this parcel (in ha. using 3 decimal places)?
17	/_/	/_/	What type of water control (irrigation) do you have in this parcel? 1 = rainfed; 2 = irrigated one crop; 3 = irrigated two crops; 4 = irrigated three crops.
18	/_/_/	/_/_/	What is the tenure status of this parcel? 10 = owned; 11 = amortized Rented-out: 21 = leased-out; 22 = share-cropped (tenanted); 23 = mortgaged-out; 27 = others (specify in space below blanks); Rented-in: 31 = leased-in; 32 = share-cropped (tenanted); 33 = mortgaged-in; 37 = others (specify in space below blanks).
			DATA PER SEASON
			SEASON 1 (Wet season)
20	/_/_/_/_/	/_/_/_/_/	What area of this parcel did you cultivate during the wet season?
24	/_/	/_/	How adequate was the irrigation supply during the wet season? 1 = constant supply 2 = insufficient at land preparation stage 3 = insufficient at early growth stage 4 = insufficient at late growth stage 5 = insufficient at two or more stages 6 = insufficient to irrigate whole parcel 7 = others (specify) Year 1 _____ Year 2 _____
25	/_/_/_/	/_/_/_/	What was your main crop during the wet season? Year 1 _____ Year 2 _____ (See code list for crop codes)
28	/_/_/_/	/_/_/_/	What was your second crop (if any intercropped) during the wet season? Year 1 _____ Year 2 _____
31	/_/_/_/	/_/_/_/	What was your third crop (if any intercropped) during the wet season? Year 1 _____ Year 2 _____
			SEASON 2 (dry season 1)
34	/_/_/_/_/	/_/_/_/_/	What area of this parcel did you cultivate during the dry season (1)?
38	/_/	/_/	How adequate was the irrigation supply during this dry season (1)? (See col. 24 question for codes).
39	/_/_/_/	/_/_/_/	What was your main crop during the dry season (1)? Year 1 _____ Year 2 _____ (See code list for crop codes).
42	/_/_/_/	/_/_/_/	What was your second crop (if any intercropped) during the dry season (1)? Year 1 _____ Year 2 _____
45	/_/_/_/	/_/_/_/	What was your third crop (if any intercropped) during the dry season (1)? Year 1 _____ Year 2 _____
			SEASON 3 (Dry season 2)
48	/_/_/_/_/	/_/_/_/_/	What area of this parcel did you cultivate during the dry season (2)?
52	/_/	/_/	How adequate was the irrigation supply during the dry season (2)? (See col. 24 question for codes).
53	/_/_/_/	/_/_/_/	What was your main crop during the dry season (2)? Year 1 _____ Year 2 _____
56	/_/_/_/	/_/_/_/	What was your second crop (if any intercropped) during the dry season (2)? Year 1 _____ Year 2 _____
59	/_/_/_/	/_/_/_/	What was your third crop (if any intercropped) during the dry season (2)? Year 1 _____ Year 2 _____
62-72	skip	skip	
73	/_/	/_/	Sub-subparcel no.
74	/_/	/_/	Card no.
75	/_/_/_/	/_/_/_/	HOUSEHOLD CODE
78	/_/_/_/	/_/_/_/	PROJECT CODE

MACHINE USE/CHANGES FROM THE BEFORE MECHANIZATION TO SURVEY YEAR (one page per parcel)

column		
01	/9/3/3/	(Mandatory code)
04	/_/_/_/	Parcel ID/Subparcel ID
07-09	skip	
10	/_/	Did you use a machine in the land preparation of this parcel during this season? 0 = No (permanently); 1 = Yes (permanently); 2 = No (temporarily); 3 = Yes (temporarily)
11	/_/_/	When did you first use a machine in the land preparation of this parcel? (Record last two digits).
13	/_/_/	What type of machine did you use in the land preparation of this parcel this last cropping season? (NAP for non-mechanized HH's) 11 = two-wheel tractor 12 = four-wheel tractor 13 = combination of two-wheel and four-wheel tractor
15	/_/_/	Why did you use this machine? (Rank up to 3 reasons)(NAP to non-mech. HH's) 01 = cheaper saves money 02 = enables farmer to plant on time 03 = no human/animal labor available 04 = plows field better, i.e., deeper or more thoroughly 05 = easier; eases physical burden 06 = can also be used for transportation 07 = saves time; enables farmer to do other work to increase income 08 = increases income (from machine custom work) 09 = can expand area of cultivation 10 = lessens weeds 11 = increases yield 12 = avoid boredom or drudgery 13 = more prestigious 14 = can reclaim land 77 = others (specify) _____
17	/_/_/	
19	/_/_/	
		CHANGES IN CROPPING PATTERN
21	/_/	Has there ever been a change in the cropping pattern of this parcel since the year before you first used a land preparation machine? 0 = No; 1 = Yes
22	/_/_/	When did this change occur? (Record last two digits)
		What was/were the reason(s) for this change in the cropping pattern in this parcel? (Insert "1" where applicable)
24	/_/	Col. 24 = can plant another crop because of improved irrigation
25	/_/	Col. 25 = can plant another crop because of mechanization
26	/_/	Col. 26 = more profitable to plant another crop
27	/_/	Col. 27 = not enough water to plant former crop
28	/_/	Col. 28 = others (specify) _____
		CHANGES IN IRRIGATION/WATER SUPPLY
29	/_/	Has there ever been any change in the irrigation/water supply of this parcel since the year before you first used a land prep. machine? 0 = No; 1=Yes
30	/_/_/	When did this change occur? (Record last two digits)
		What was/were these change(s)? (Insert '1' where applicable)
32	/_/	Col. 32 = construction of concrete dam
33	/_/	Col. 33 = construction of brush diversion dam
34	/_/	Col. 34 = construction of water gates
35	/_/	Col. 35 = construction of new canals
36	/_/	Col. 36 = rehabilitation of old system
37	/_/	Col. 37 = installation of system pump
38	/_/	Col. 38 = installation of farm level pump
39	/_/	Col. 39 = irrigation supply has stopped/become poor
40	/_/	Col. 40 = others (specify) _____
		CHANGES IN TENURE STATUS
41	/_/	Has there ever been any change in your tenure status of this parcel since the year before you first used a land preparation machine? 0 = No; 1 = Yes
42	/_/_/	What year did this change in tenure status occur? (Record last 2 digits).
		What was/were the reason(s) for this change in the tenure status of this parcel? (Insert '1' where applicable).
44	/_/	Col. 44 = land reform
45	/_/	Col. 45 = had enough money to acquire land
46	/_/	Col. 46 = Others (specify) _____
47-68	skip	
69	/_/	Cropping season: 1 = wet season; 2 = 2nd cropping season; 3 = 3rd cropping season
70-72	skip	
73	/_/	Sub-subparcel no.
74	/_/	Card no.
75	/_/_/_/	HOUSEHOLD CODE
76	/_/_/	PROJECT CODE

column		OTHER ASSETS: Non-agricultural Land and Vehicles
01	/9/3/4/	(Mandatory code)
04-06	skip	
		NON-AGRICULTURAL LAND
07	/_/	How many pieces of non-agricultural land do you own?
		First piece of land
08	/_/	What type of land is the first piece of land you own? 1 = commercial land 7 = others (specify) 2 = residential land _____
09	/_/_/_/_/	How big is this piece of land (in square meters)?
		Description (to help estimate and verify value) _____
13	/_/_/_/_/_/	What is the present sales value of this land?
		Second piece of land
18	/_/	What type of land is the second piece of land you own? 1 = commercial land 7 = others (specify) 2 = residential land _____
19	/_/_/_/_/	How big is this piece of land (in square meters)?
		Description (to help estimate and verify value) _____
23	/_/_/_/_/_/	What is the present sales value of this land?
		VEHICLES
28	/_/	How many vehicles do you own?
		First vehicle
29	/_/	What type of vehicle do you own? 1 = car 4 = motorized tricycle 7 = others (specify) 2 = jeep 5 = motorcycle _____ 3 = truck 6 = bicycle 8 = tricycle without motor
30	/_/_/	How old (in years) is this vehicle?
32	/_/_/_/_/_/	How much did you pay for this vehicle?
37-38	skip	
39	/_/_/_/_/	How much did you spend for the maintenance of this vehicle last year?
		Second vehicle
43	/_/	What other type of vehicle do you own?
44	/_/_/	How old (in years) is this vehicle?
46	/_/_/_/_/_/	How much did you pay for this vehicle?
51-52	skip	
53	/_/_/_/_/	How much did you spend for the maintenance of this vehicle last year?
		Third vehicle
57	/_/	What other type of vehicle do you own?
58	/_/_/	How old (in years) is this vehicle?
60	/_/_/_/_/_/	How much did you pay for this vehicle?
65-66	skip	
67	/_/_/_/_/	How much did you spend for the maintenance of this vehicle last year?
70-73	skip	
74	/_/	Card no.
75	/_/_/_/	HOUSEHOLD CODE
78	/_/_/_/	PROJECT CODE

column			OTHER ASSETS: HOME CONSUMER DURABLES
01	/9/3/5/	/9/3/5/	(Mandatory code)
04-08	skip	skip	
07	/_/_/	/_/_/	What type of home consumer durable do you own? (See codes below)[1/]
09	/_/_/	/_/_/	How many years have you had this item?
11	/_/_/_/_/	/_/_/_/_/	How much did you pay to acquire this item?
15-16	skip	skip	
17	/_/_/	/_/_/	Type: What other type of home consumer durable do you own? (See codes below)[1/]
19	/_/_/	/_/_/	Age (in years)
21	/_/_/_/_/	/_/_/_/_/	Acquisition cost
25-26	skip	skip	
27	/_/_/	/_/_/	Type (See codes below)[1/]
29	/_/_/	/_/_/	Age (in years)
31	/_/_/_/_/	/_/_/_/_/	Acquisition cost
35-36	skip	skip	
37	/_/_/	/_/_/	Type (See codes below)[1/]
39	/_/_/	/_/_/	Age (in years)
41	/_/_/_/_/	/_/_/_/_/	Acquisition cost
45-46	skip	skip	
47	/_/_/	/_/_/	Type (See codes below)[1/]
49	/_/_/	/_/_/	Age (in years)
51	/_/_/_/_/	/_/_/_/_/	Acquisition cost
55-56	skip	skip	
57	/_/_/	/_/_/	Type (See codes below)[1/]
59	/_/_/	/_/_/	Age (in years)
61	/_/_/_/_/	/_/_/_/_/	Acquisition cost
65-73	skip	skip	
74	/_/	/_/	Card no.
75	/_/_/_/	/_/_/_/	HOUSEHOLD CODE
78	/_/_/_/	/_/_/_/	PROJECT CODE

1/TYPE:

01 = radio
02 = bed
03 = sala set
04 = dresser
05 = burner
06 = flat iron
07 = lantern
08 = clock/watch
09 = camera
10 = record player
11 = refrigerator
12 = television
13 = electric fan
14 = kitchen wares
15 = dining set
16 = household water pump
17 = sewing machine
77 = others (specify)_____

Column			
01	/9/3/6/	/9/3/6/	(Mandatory codes)
			NOTE TO INTERVIEWER: Duplicate information for columns 04-14, 29-35 and 51-58 from Form 915
04	/_/	/_/	Machine ID
05-06	skip	skip	
07	/_/_/	/_/_/	Type of machine: 11=2-wheel t (w/ PE); 12=4-wheel t (w/ PE); 13=crawler tractor; 14=2-wheel t (w/o E); 15=4-wheel t (w/o E); 16=engine; 64=thresher (w/PE); 65=thresher (w/o E); 67=rice mill; 71 = irrigation pump (w/ PE); 73 = irrigation pump (w/o E); 77 = others (specify)
09	/_/_/_/	/_/_/_/	Machine specification (no. of HP)
12	/_/	/_/	Fuel/power used: 1 = gasoline; 2 = diesel; 3 = kerosene; 4 = electricity
13	/_/_/	/_/_/	Implement regularly attached to machine[1/]
15	/_/ /_/	/_/ /_/	Who were involved in making the decision to purchase this machine? (Rank up to 2 persons): 1 = family member of R; 2 = extension worker; 3 = machine dealer; 4 = farmer's organization; 5 = village head; 6 = fellow farmer of R; 7 = others (specify in space below blanks).
17	/_/_/ /_/_/	/_/_/ /_/_/	What advantages of owning this machine were considered when deciding to purchase it? (Up to 3 advantages; rank up to 3 reasons using codes below)[2/]
21	/_/_/	/_/_/	
23-27	skip	skip	
28	/_/	/_/	Machine ID
29	/_/_/	/_/_/	Type of machine
31	/_/_/_/	/_/_/_/	Machine specifications (no. of HP)
34	/_/	/_/	Fuel/power used: 1 = gasoline; 2 = diesel; 3 = kerosene; 4 = electricity
35	/_/ /_/	/_/ /_/	Implement regularly attached to machine[1/]
37	/_/ /_/	/_/ /_/	Persons involved (up to 2)in decision-making
39	/_/_/ /_/_/	/_/_/ /_/_/	Advantages (up to 3) of owning this machine which were considered in decision to buy[2/] (Rank).
43	/_/_/	/_/_/	
44-49	skip	skip	
50	/_/	/_/	Machine ID
51	/_/_/	/_/_/	Type of machine
53	/_/_/_/	/_/_/_/	Machine specification (no. of HP).
56	/_/	/_/	Fuel/power used: 1 = gasoline; 2 = diesel; 3 = kerosene; 4 = electricity
57	/_/_/	/_/_/	Implement regularly attached to machine[1/]
59	/_/ /_/	/_/ /_/	Persons involved (up to 2) in decision-making
61	/_/_/ /_/_/	/_/_/ /_/_/	Advantages (up to 3) of owning this machine which were considered in decision to buy[2/] (Rank).
	/_/_/	/_/_/	
67-73	skip	skip	
74	/_/	/_/	Card no.
75	/_/_/_/	/_/_/_/	HOUSEHOLD CODE
78	/_/_/_/	/_/_/_/	PROJECT CODE

1/Implement regularly attached to machine: 21 = mouldboard plough; 22 = disc plough; 23 = chisel plough; 24 = rotovator; 25 = plough and harrow; 31 = harrow (disc or comb); 33 = cultivator; 34 = subsoiler; 41 = seed driller; 42 = planter; 45 = winnower; 66 = wagon or tractor; 72 = irrigation pipes; 77 = others (specify in space below blanks).

2/Advantages of owning machine: 01 = cheaper, saves money; 02 = enables farmer to plant on time; 3 = no human/animal labor required; 04 = plows field better, i.e., deeper or more thorough. 05 = easier, eases physical burden; 06 = can also be used for transportation; 07 = saves time, enables farmer to do other jobs; 08 = increases income (from machines custom work); 09 = can expand area of cultivation; 10 = lessens weeds; 11 = increases yields; 12 = avoids boredom or drudgery; 13 = more prestigious; 17 = others (specify) _____

MACHINE USE, INCOME, MAIN. [illegible] WITH MACHINES
(one card per farm activity)

Column			
01	/9/3/7/	/9/3/7/	(Mandatory code)
			NOTE TO INTERVIEWER: Duplicate information for cols. 04-14 from Form 915 or 936
04	/ /	/_/	Machine ID
05-06	skip	skip	
07	/_/_/	/_/_/	Type of machine: 11 = 2-wheel tractor (w/ PE); 12 = 4-wheel tractor (w/ PE); 13 = crawler tractor; 14 = 2-wheel tractor (w/o E); 15 = 4-wheel tractor (w/o E); 16 = engine; 64 = thresher (w/ PE); 65 = thresher (w/o E); 67 = rice mill; 71 = irrigation pump (w/ PE); 73 = irrigation pump (w/o E); 77 = others (specify)
09	/_/_/_/	/_/_/_/	Machine specification (no. of HP)
12	/_/	/_/	Fuel/power used: 1 = gasoline; 2 = diesel; 3 = kerosene; 4 = electricity
13	/ /_/	/_/_/	Implement regularly attached to machine[1/]
15	/_/ /_/	/_/_/_/	For what farm activity did you use this machine? (Fill one card per activity machine was used for. Record in order of occurrence. Own farm use and custom work is recorded in separate cards per activity). See code list below for list of farm activities.)
20	/_/	/_/	Was this machine used for activities on your own farm or for custom work on other farms? 1 = own farm; 2 = custom work; 3 = custom work at special reduced price 4 = lent for free
21	/_/	/_/	What unit do you use to measure the amount of work accomplished? 1(If machine was used on own farm, use per day or per hour as unit of work). 1 = per hectare; 2 = per day; 3 = per hour; 4 = per parcel or contract; 5 = per ton of paddy; 6 = per ton of milled rice
22	/_/_/_/	/_/_/_/	How many units were accomplished by this machine for this activity?
25	/_/_/_/	/_/_/_/	If custom work: How much do you charge per unit?
28	/_/_/_/_/	/_/_/_/_/	If custom work: What was the total amount or income you received for the work accomplished by this machine for this activity?
32-37	skip	skip	
38	/_/_/_/	/_/_/_/	What was the total number of liters of fuel you consumed for this activity?
41	/_/_/_/_/	/_/_/_/_/	What was the total cost of fuel you used for this activity?
45	/_/_/	/_/_/	What was the total no. of liters of oil you used for this activity?
47	/_/_/_/	/_/_/_/	What was the total cost of oil you used for this activity?
50	/_/	/_/	If filters were changed: How many filters did you use for this activity?
51	/_/_/	/_/_/	If filters were changed: What was the cost of the filters you used for this act.?
53	/_/_/	/_/_/	If any tire repair: How many times did you have to repair your tires for this activity?
55	/_/_/_/	/_/_/_/	If any tire repair: What was the total cost of tire repairs for this activity?
			MACHINE OPERATORS
58	/_/_/_/	/_/_/_/	How many hours of family labor were used for this activity?
61	/_/_/_/	/_/_/_/	How many hours of hired labor were used for this activity?
64	/_/_/_/_/	/_/_/_/_/	How much did you pay your hired labor for this activity?
68	skip	skip	
69	/_/	/_/	Cropping season: 1 = wet season; 2 = 2nd cropping season; 3 = 3rd cropping season
			ACCIDENTS WITH MACHINES
70	/_/ /_/	/_/ /_/	Type of accident with this machine[3/] (Record up to 2 types)
72	/_/ /_/	/_/ /_/	Seriousness of accident[4/]
74	/_/	/_/	Card no.
75	/_/_/_/	/_/_/_/	HOUSEHOLD CODE
78	/_/_/_/	/_/_/_/	PROJECT CODE

1/Implement regularly attached to machine:
- 21 = mouldboard plough
- 22 = disc plough
- 23 = chisel plough
- 24 = rotovator
- 25 = plough and harrow
- 31 = harrow (disc or comb)
- 33 = cultivator
- 34 = self-scaler
- 41 = seed drill
- 42 = [illegible]
- 43 = [illegible]
- 44 = [illegible]

2/Activity:
- 010 = land preparation
- 011 = ploughing
- 017 = harrowing
- 060 = irrigation
- 078 = threshing
- 080 = transporting
- 084 = milling

3/Accidents
- 1 = operator fell off machine
- 2 = machine turned over the operator
- 3 = hand or foot was caught in machine
- 7 = others (specify: _____)

4/ Seriousness
- 1 = minor injury (self medication only)
- 2 = injury requires attention of doctor or nurse
- 3 = injury requires hospitalization
- 4 = death

column			MACHINE BREAKDOWN (one card per machine breakdown)
01	/9/3/8/	/9/3/8/	(Mandatory code) NOTE TO INTERVIEWER: Duplicate information for columns 04-14 from Form 915, 936 or 937.
04	/_/	/_/	Machine ID
07	/_/_/	/_/_/	Type of machine: 11=2-wheel t (w/PE); 12=4-wheel t (w/PE); 13 = crawler tractor; 14=2-wheel t (w/o E); 15=4-wheel t (w/o E); 16 = engine; 64=thresher (w/PE); 65=thresher (w/o E); 67 = rice mill; 71 = irrigation pump (w/PE); 73=irrigation pump (w/o E); 77 = others (specify).
09	/_/_/_/	/_/_/_/	Machine specification (no. of HP)
12	/_/	/_/	Fuel/power used: 1 = gasoline; 2 = diesel; 3 = kerosene; 4 = electricity
13	/_/_/	/_/_/	Implement regularly attached to machine[1/]
15	/_/_/	/_/_/	What kind of breakdown did this machine have? (Write type of breakdown on space provided and code during editing)_____
17	/_/	/_/	How serious was the breakdown of this machine? 1 = machine still runs but has defect; 2 = machine not operable or endangers life; 7 = machine can no longer be used.
18	/_/	/_/	Did you repair this machine? 0 = no; 1 = yes
19	/_/_/_/	/_/_/_/	If machine repaired: How many days was the machine inoperable? (If machine not repaired cross out columns).
22	/_/	/_/	If machine broke down during field activity: How many days was the field activity delayed?
23	/_/	/_/	Was there any delay in the repair of this machine? 0 = no; 1 = yes
24	/_/ /_/	/_/ /_/	If machine repair was delayed: What caused the delay in the repair of this machine? (Rank up to 2 answers). 1 = no time to fix; 2 = no time to bring to mechanic; 3 = no mechanic available; 4 = no space parts available; 5 = no money for repair; 7 = others (specify in space below blanks).
26	/_/	/_/	If lack of spare parts was cause of delay: What action did you take to facilitate to acquire the necessary spare parts? 1 = substitute for spare part was manufactured; 2 = spare part was ordered; 3 = just waited
27	/_/_/_/_/	/_/_/_/_/	What was the total value of the spare parts used for this repair?
31	/_/_/_/	/_/_/_/	How many hours of family labor was used to repair this machine?
34	/_/_/_/	/_/_/_/	How many hours of hired labor (mechanic) was used to repair this machine?
37	/_/_/_/_/	/_/_/_/_/	What was the total amount you paid to your hired labor? (excluding spare parts if mentioned earlier).
41	/_/	/_/	Where was this machine repaired? 1 = on farm; 2 = local repair shop; 3 = local dealer's shop; 4 = on farm and local repair shop; 5 = on farm and local dealer's shop; 6 = local repair shop and local dealer's shop; 7 = others (specify in space below blanks); 8 = respondent's house
42	/_/_/	/_/_/	How far (in km) is the place where you had your machine repaired? (If repaired on farm, cross out columns).
44	/_/_/_/	/_/_/_/	How much did you spend to transport your machine to and from the place of repair?
47	/_/	/_/	Were you satisfied with the repair of this machine? 0 = no; 1 = yes
48	/_/	/_/	How many times have you had the same type of breakdown with this machine since you acquired it?
49	/_/	/_/	How old (in years) is this machine?
50	/_/_/_/	/_/_/_/	When did this machine break down? (Specify full date on blank; convert to week and day code during editing). _____
53-68	skip	skip	
69	/_/	/_/	Cropping season: 1=wet season; 2=2nd cropping season; 3=3rd cropping season
70-73	skip	skip	
74	/_/	/_/	Card no.
75	/_/_/_/	/_/_/_/	HOUSEHOLD CODE
78	/_/_/_/	/_/_/_/	PROJECT CODE

1/Implement regularly attached to machine: 21 = mouldboard plough; 22 = disc plough; 23 = chisel plough; 24 = rotovator; 25 = plough and harrow; 31 = harrow (disc or comb); 33 = cultivator; 34 = sub-soiler; 41 = seed driller; 42 = planter; 45 = winnower; 72 = irrigation pipes

DISPOSAL OF PRODUCT (One form (2 pages per crop per cropping season)

column		
01	/9/3/9/	(Mandatory code)
04	/ / / /	Parcel/Subparcel ID
		TOTAL PRODUCTION
07	/_/_/_/_/_/	What was the total no. of kilograms (kg) you produced this season? (If not in kg, specify amount and unit of measurement)_____
12	/_/_/_/_/_/_/	What was the value of this total production? (Verify price per kg.= _____)
		QUANTITY PAID TO HARVESTERS/THRESHERS
18	/_/	Did you use any amount of your produce to pay harvesters/threshers this season? 0 = No; 1 = Harvesters & threshers; 2 = Harvesters only; 3 = Threshers only
19	/_/_/	What kind of paying arrangement did you have with your harvesters/threshers? 01 = one sixth of harvest to H/T 02 = one seventh of harvest to H/T 03 = one eight of harvest to H/T 04 = one sixth with free weeding 05 = one seventh with free weeding 06 = one eighth with free weeding 30 = one ninth 31 = one tenth 32 = 5% to thresher owner 33 = 6% to thresher owner 34 = 7% to thresher owner 77 = others (specify)_____ Extra codes 20-29 = Open for Indonesia 40-49 = Open for Thailand
21	/_/_/_/_/_/	How many kg. did you pay to your harvesters/threshers?
26	/_/_/_/_/_/	What was the total value of the kg. you used to pay your harvesters/threshers? (Verify price per kg = _____)
		QUANTITY PAID TO LANDLORD
31	/_/	Did you use any amount of your produce to pay your rent and/or debts to your landlord this season? 0 = No; 1 = Yes
32	/_/_/_/_/_/	How many kg. did you pay to your landlord?
37	/_/_/_/_/_/	What was the total value of the kg. you used to pay your landlord? (Verify price per kg = _____).
		QUANTITY USED TO PAY DEBTS
42	/_/	Did you use any amount of your produce to pay any of your debts this season (excluding debt to landlord)? 0 = No; 1 = Yes
43	/_/_/_/_/_/	How many kg. did you use to pay your debts?
48	/_/_/_/_/_/	What was the total value of the kg. you used to pay your debts? (Verify price per kg. = _____).
		QUANTITY SOLD
53	/_/	Did you sell any of your produce this season? 0 = No; 1 = Yes
54	/_/_/_/_/_/	How many kg. did you sell?
59	/_/_/_/_/_/	What was the total value of the kg. you sold? (Verify price per kg. = _____)
64-68	skip	
69	/_/	Cropping season: 1 = wet season; 2 = 2nd season; 3 = 3rd season
70	/_/_/_/	Crop code
73	/_/	Sub-subparcel No.
74	/1/	Card no.
75	/ / / /	HOUSEHOLD CODE
78	/_/_/_/	PROJECT CODE

column	Cont'd. DISPOSAL OF PRODUCT [one form (2 pages) per crop per cropping season]	
01	/9/3/9/	(Mandatory code)
04	/_/_/_/	Parcel ID
		QUANTITY LEFT WITH FARM OPERATOR
07	/_/	Did you retain any amount of your produce this season? 0 = No; 1 = Yes
08	/_/	For what purpose did you retain this produce? 1 = home consumption; 2 = future sale; 3 = home consumption & future sale; 4 = seeds; 5 = consumption & seeds; 6 = future sale & seeds; 8 = home consumption, future sale and seeds combined; 7 = others (specify)_____
09	/_/_/_/_/_/	How many kg. did you retain for home consumption, seeds and/or future sale?
14	/_/_/_/_/_/	What was the total value of the kg. you retained for home consumption, seeds and/or future sale? (Verify per kg = _____)
		QUANTITY USED FOR OTHER PURPOSES
19	/_/	Did you use any amount of your produce this season for other purposes (aside from those already mentioned)?
20	/_/	What purpose did you use it for? 1 = gift; 2 = irrigation fee 7 = others (specify)_____
21	/_/_/_/_/_/	How many kg. did you use for this other purpose(s)?
26	/_/_/_/_/_/_/	What was the total value of the kg. you used for these other purposes? (Verify price per kg. = _____).
		BY-PRODUCTS
32	/_/	What type of by-product(s) did you have this season (include only those by-products actually used by R or sold)? 1 = straw; 2 = husk; 3 = hay; 4 = bran; 7 = others (specify)_____
33	/_/_/_/_/_/	What was the value of this by-product used and/or sold? Write in blank price per unit and unit used)_____
		PRODUCT SOLD LAST SEASON (To be asked for the whole farm and only once, at the end of the first season of the survey)
38	/_/_/_/ /_/_/_/	What crop(s) did you produce last season? (Record up to 2 crops for whole farm).
44	/_/_/_/_/_/ /_/_/_/_/_/	How much (in kgs.) of this produce did you consume and sell? (Record on columns corresponding to crop code).
54	/_/_/_/_/_/ /_/_/_/_/_/	What was the average price/kg. of the last season's produce you sold?
64-68	skip	
69	/_/	Cropping season: 1 = wet season; 2 = 2nd cropping season; 3 = 3rd cropping season
70	/_/_/_/	Crop code
73	/_/	Sub-subparcel ID
74	/2/	Card number
75	/_/_/_/	HOUSEHOLD CODE
78	/_/_/_/	PROJECT CODE

SALE/MARKETING OF PRODUCT
(one form per crop)*

column		
01	/9/4/0/	(Mandatory code)
04	/_/_/_/	Parcel/Subparcel ID
07-09	skip	
10	/_/	How many times did you sell your produce from this season?
11	/_/	When did the first sale of your produce occur? 1 = Harvest week 2 = 1 to 2 weeks after harvest 3 = 3 to 4 weeks after harvest 4 = more than 1 month to less than 3 mos. 5 = 3 mos. to less than 5 mos. 6 = more than 5 mos. after harvest 7 = Others (specify) _____
12	/_/_/_/_/_/	How many kg. did you sell that time?
17	/_/	What was the quality of your produce during that sale? 1 = wet, special/fancy variety 2 = dry, special/fancy variety 3 = wet, ordinary variety 4 = dry, ordinary variety 5 = others (specify) _____
18	/_/_/._/_/	How much were you able to sell one kilogram at that time? (Price per kg.)
22	/_/_/_/_/_/_/	What was the total value you received for the produce you sold that time?
28	/_/	Where did you sell your produce (market location)? 1 = on farm 2 = within village 3 = outside village, within municipality 4 = outside municipality, within province 7 = others (specify) _____
29	/_/_/._/	How far (in km.) is this market from where you store your produce?
32	/_/	How adequate is the transportation to this market? 0 = inadequate 1 = adequate (Describe) _____
33	/_/_/_/	How much did it cost you to transport your produce to the market?
36	/_/	When did the second sale of your produce occur? 1 = Harvest week 2 = 1 to 2 weeks after harvest 3 = 3 to 4 weeks after harvest 4 = more than 1 mo. to less than 3 mos. 5 = 3 mos. to less than 5 mos. 6 = more than 5 mos. after harvest 7 = Others (specify) _____
37	/_/_/_/_/_/_/	How many kg. did you sell that time?
43	/_/	What was the quality of your produce during that sale? 1 = Wet, special/fancy variety 2 = Dry, special/fancy variety 3 = Wet, ordinary variety 4 = Dry, ordinary variety 7 = Others (specify) _____
44	/_/_/._/_/	How much were you able to sell one kilogram at that time?
48	/_/_/_/_/_/_/	What was the total value you received for the produce you sold that time?
54	/_/	Where did you sell your produce (market location)? 1 = on farm 2 = within village 3 = outside village, within municipality 4 = outside municipality, within province 7 = Others (specify) _____
55	/_/_/_/	How far (in km.) is this market from where you store your produce?
58	/_/	How adequate is the transportation to this market? 0 = inadequate 1 = adequate (Describe) _____
59	/_/_/_/	How much did it cost you to transport your produce to the market?
62-68	skip	
69	/_/	Cropping season: 1 = wet season; 2 = 2nd cropping season; 3 = 3rd cropping season
70	/_/_/_/	Crop code
73	/_/	Sub-subparcel ID
74	/_/	Card no.
75	/_/_/_/	HOUSEHOLD CODE
76	/_/_/_/	PRODUCT CODE

*Fill in Table 3.

LAND RECLAMATION

column			
01	/9/4/1/	/9/4/1/	(Mandatory code)
04	/_/_/_/	/_/_/_/	Parcel/subparcel ID
07	/_/_/	/_/_/	What year did you reclaim this piece of land?
09	/_/_/_/_/	/_/_/_/_/	How big (in ha) is this piece of land?
13	/_/	/_/	What type of land was it before you reclaimed it? 1 = flooded area 4 = area with small hills/not level 2 = marshland 5 = forest/wooded area 3 = stony area 7 = others (specify) _____
14	/_/_/_/_/_/	/_/_/_/_/_/	What was the sales value of this land before you reclaimed it?
19	/_/	/_/	What type of land did you transform it into by reclaiming it? 1 = upland fields (unbunded) 4 = fishpond 2 = paddy fields (unbunded) 7 = others (specify) _____ 3 = paddy fields (bunded) _____
20	/_/_/_/_/_/	/_/_/_/_/	What was the sales value of this land after you reclaimed it?
25	/_/_/	/_/_/	What type of power did you use to reclaim this land? 01 = human alone 06 = animal and two-wheel tractor 02 = animal 07 = animal and four-wheel tractor 03 = human alone and animal 08 = bulldozer 04 = two-wheel tractor 05 = four-wheel tractor
			HUMAN POWER USED
27	/_/_/	/_/_/	How many people worked to reclaim this land? (Include human labor alone and human labor with animal and machines).
29	/_/_/_/_/	/_/_/_/_/	How many hours were spent by these people to reclaim this land? (Include hours of human labor alone and human labor with animals and machines).
33	/_/_/_/_/	/_/_/_/_/	What was the value of this human labor? (Include value of human labor alone and human labor with animals and machines; use local labor rates at that time).
			ANIMAL POWER USED
37	/_/_/	/_/_/	How many animals were used in reclaiming this land?
39	/_/_/_/_/	/_/_/_/_/	How many hours of animal labor were used in reclaiming this land?
43	/_/_/_/_/	/_/_/_/_/	What was the value of this animal labor? (Use local custom rates at that time).
			MACHINE POWER USED
47	/_/	/_/	How many machines were used in reclaiming this land?
48	/_/_/_/	/_/_/_/	How many hours was the machine used in reclaiming this land?
51	/_/_/_/_/	/_/_/_/_/	What was the value of this machine labor? (Use local custom rates at that time).
55	/_/	/_/	Would you have been able to reclaim this land without using a machine? 0 = No; 1 = Yes
56	/_/ /_/	/_/ /_/	Why did you choose to use a machine to reclaim this land?1/ (Up to two reasons).
58	/_/ /_/ /_/ /_/ /_/ /_/	/_/ /_/ /_/ /_/ /_/ /_/	Place '1' where applicable: What type of machine did you use in reclaiming this land? 58 = 2-wheel tractor; 59 = 4-wheel tractor; 60 = crawler tractor; 61 = grader; 62 = bulldozer; 63 = others (specify)_____
73	/_/	/_/	Sub-subparcel ID
74	/_/	/_/	Card no.
75	/_/_/_/	/_/_/_/	HOUSEHOLD CODE
78	/_/_/_/	/_/_/_/	PROJECT CODE

1/Reasons farmer chose to use machine:
1 = would take too long without machine 4 = no human/animal labor available
2 = would be too hard without machine 7 = others (specify)_____
3 = cheaper with machine _____

column		
01	/0/4/2/	(Mandatory code)
07	/_/	Where is the nearest extension workers' office? 1 = within village; 2 = within municipality; 3 = within province
08	/_/ /_/ /_/ 08 09 10	What type of knowledge have you received from the extension workers? (Put a "1" in each applicable column). 08 = re: planting practices; 09 = re: fertilizers; 10 = re: pest control 11 = re: water control; 12 = re: use of HYV; 13 = others (specify) _____
11	/_/ /_/ /_/ 11 12 13	
14	/_/	How many times this cropping season have you attended meetings conducted by an extension worker?
15	/_/	How many times this cropping season have you visited an extension worker's office?
16	/_/	How many times this cropping season did an extension worker visit you?
17	/_/	How would you rate the performance of your extension worker(s)? 0 = inadequate 1 = adequate
18	/_/ /_/	What other person or organization (aside from the extension worker) do you consult about farm problems? 1 = village head; 2 = farmer's organization 3 = relative; 4 = fellow farmer; 7 = others (specify) _____
		TRAINING IN MACHINE OPERATION
20	/_/	Have you ever been trained in the operation of any farm machine? 0 = no; 1 = yes
		Machine 1
21	/_/_/	What machine were you trained to operate? 11 = two-wheel tractor; 12 = four-wheel tractor; 61 = combine; 64 = thresher; 67 = rice mill; 71 = irrigation pump; 81 = crane; 82 = loader
23	/_/	Who trained you how to operate this machine? 1 = extension worker; 2 = machine dealer; 3 = farmer's organization 7 = others (specify)_____
24	/_/_/	What year did this training occur (last 2 digits)?
		Machine 2
26	/_/_/	What machine were you trained to operate? 11 = two-wheel tractor; 12 = four-wheel tractor; 61 = combine; 64 = thresher; 67 = rice mill; 71 = irrigation pump; 81 = crane; 82 = loader
28	/_/	Who trained you how to operate this machine? 1 = extension worker; 2 = machine dealer; 3 = farmer's organization; 7 = others (specify) _____
29	/_/_/	What year did this training occur (last 2 digits)?
		FARMERS ORGANIZATION
31	/_/	Are you a member of any farmers organization(s)? 0 = no; 1 = yes
32	/_/	How many organizations are you a member of?
		Farmers Organization 1
33	/_/	Is this organization a private or a government organization? 1 = private; 2 = government
34	/_/ /_/	What are the advantages (rank up to 2 advantages) of belonging to this organization? (See codes below)1/
36	/_/ /_/	What are the disadvantages (rank up to 2 disadvantages) of belonging to this organization? (See codes below)2/
38	/_/	Were you required to join this organization? 0 = no; 1 = yes
39	/_/	How many meetings did this organization have this cropping season?
40	/_/	How many meetings did you attend this cropping season?

1/ Advantages of belonging:
1 = can get loans directly from association
2 = can get loans from other sources because of membership in association
3 = can use machine owned by association
4 = can get irrigation water
5 = can get knowledge (e.g., modern technology)
7 = others (specify) _____

2/ Disadvantages of belonging:
1 = membership fee is high
2 = have to attend too many meetings
3 = have to contribute too much (either time or money)
7 = others (specify)

column		Cont'n. EXTENSION SERVICES . . .
		Farmers Organization 2
41	/_/	Is this organization a private or a government organization?
42	/_/ /_/	What are the advantages (rank up to 2 advantages) of belonging to this organization? (See codes below)[1/]
44	/_/ /_/	What are the disadvantages (rank up to 2 disadvantages) of belonging to this organization? (See codes below)[2/]
46	/_/	Were you required to join this organization? 0 = no; 1 = yes
47	/_/	How many meetings did this organization have this cropping season?
48	/_/	How many meetings did you attend this cropping season?
		Farmers Organization 3
49	/_/	Is this organization a private or a government organization?
50	/_/ /_/	What are the advantages (rank up to 2 advantages) of belonging to this organization? (See codes below)[1/]
52	/_/ /_/	What are the disadvantages (rank up to 2 disadvantages) of belinging to this organization? (See codes below)[2/]
54	/_/	Were you required to join this organization? 0 = no; 1 = yes
55	/_/	How many meetings did this organization have this cropping season?
56	/_/	How many meetings did you attend this cropping season?
57-68	skip	
69	/_/	Cropping season: 1 = wet season; 2 = 2nd season; 3 = 3rd season
70-74	skip	
75	/_/_/_/	HOUSEHOLD CODE
78	/_/_/_/	PROJECT CODE

[1/] Advantages of belonging:

1 = can get loans directly from association
2 = can get loans from other sources because of membership in association
3 = can use machine owned by association
4 = can get irrigation water
5 = can get knowledge (e.g., modern technology)
7 = others (specify)_____

[2/] Disadvantages of belonging:

1 = membership fee is high
2 = have to attend too many meetings
3 = have to contribute too much (either time or money)
7 = others (specify)_____

column		WORK OPPORTUNITIES/PREFERENCES OF LANDLESS FIELD LABOURERS
01	/9/4/3/	(Mandatory code)
04	skip	NOTE TO INTERVIEWER: Fill in this form for all members of landless field households who work and have an income. Duplicate information for columns 05-09, 30-34 from Form 911 (Farm Labour Form A), columns 05-08 and col. 74.
		Income earner 1
05	/_/_/	HOUSEHOLD MEMBER CODE (duplicate from columns 05-06 in Form 911)
07	/_/_/	AGE (duplicate columns 07-08 in Form 911)
09	/_/	Assigned card no. in Form 911 (duplicate from column 74 in Form 911)
10	/_/_/	When did this village become predominantly mechanized? (at least 50%; verify with village background data).
12 14 16	/_/_/ /_/_/ /_/_/	If this person working at that time: What kind of work did you have at that time? (Rank up to 3 of the most common types of work done; specify types in following blanks) 1)_____; 2) _____; 3) _____ (During editing, code into general types using following codes:) 11 = agriculture; 12 = forestry; 13 = fishery; 14 = handicraft; 15 = industry; 16 = commerce; 17 = services. If R not working at that time, record '77'
18 20 22	/_/_/ /_/_/ /_/_/	At present, what kind of work do you do? (Rank up to 3 of the most common types of work done; specify types in following blanks:) 1) _____; 2)_____; 3)_____ (During editing, code into general types using codes from col.11-16)
24	/_/	If there has been a change in types of work done before and after mechanization: What was is the reason for the change in the type of work you do (this person does)? 1 = old job not easily available anymore; 2 = bored with old job; 3 = better pay from new job; 4 = prefer new job; 5 = had to move to new localities for personal reasons; 7 = others (specify) _____
25 27	/_/_/ /_/_/	What types of work would you like most to have at present? (Fill in only if R would prefer another type of work; rank up to 2 choices, specify in following blanks:) 1) _____; 2)_____; 3)_____ (Code into general types during editing using codes from column 11-16).
29	/_/	Why do you prefer this job? 1 = physically easier; 2 = higher pay; 3 = nearer to home 4 = more prestigious; 7 = others (specify) _____
		Income earner 2
30	/_/_/	HOUSEHOLD MEMBER CODE (duplicate from columns 05-06 in Form 911).
32	/_/_/	AGE (duplicate in columns 07-08 in Form 911).
34	/_/	Assigned card no. in Form 911 (duplicate from column 74 in Form 911).
35	/_/_/	When did this village become predominantly mechanized? (At least 50%; verify with village background data).
37 39 41	/_/_/ /_/_/ /_/_/	If this person working at that time: What kind of work did you have at that time? (Rank up to 3 of the most common types of work done, specify types in following blanks:) 1) _____; 2)_____; 3)_____ (During editing, code into general types using following codes:) 11 = agriculture; 12 = forestry; 13 = fishery; 14 = handicraft; 15 = industry; 16 = commerce; 17 = services. If R not working at that time, record '77'.
43 45 47	/_/_/ /_/_/ /_/_/	At present, what kind of work do you do? (Rank up to 3 of the most common types of work done; specify types in following blanks:) 1) _____; 2)_____; 3)_____. (During editing, code into general types using codes from col.11-16)
49	/_/	If there has been a change in types of work done before and after mechanization: What the reason for the change in the type of work you do (this person does)? 1 = old job not easily available anymore; 2 = bored with old job; 3 = better pay from new job; 4 = prefer new job; 5 = had to move to new localities for personal reasons; 7 = others (specify) _____
50 52	/_/_/ /_/_/	What types of work would you like most to have at present? (Fill in only if R would prefer another type of work; rank up to 2 choices, specify in following blanks:) 1)_____; 2)_____; 3)_____ (Code into general types during editing using codes from column 11-16).
54	/_/	Why do you prefer this job? 1 = physically easier; 2 = higher pay; 3 = nearer to home 4 = more prestigious; 7 = others (specify)_____
55-73	skip	
74	/_/	Card No.
75	/_/_/_/	HOUSEHOLD CODE
76	/_/_/_/	PROJECT CODE

ACTUAL AND IDEAL DATES OF CRUCIAL FARM ACTIVITIES

column			
01	/9/4/4/	/9/4/4/	(Mandatory codes)
04	/_/_/_/	/_/_/_/	Parcel/Subparcel ID
07	/_/	/_/	Sub-sub parcel ID
08	skip	skip	NOTE TO INTERVIEWER: For all succeeding questions, write dates in blanks; code during editing using FKK date coding system.
09	/_/_/_/	/_/_/_/	What date did you start ploughing this parcel? 1)_____; 2)_____
12	/_/_/_/	/_/_/_/	What was the most ideal date to start ploughing this parcel? 1)_____; 2)_____
15	/_/	/_/	If ploughing was delayed: What was the reason for the delay in ploughing this parcel?1/
16	/_/_/_/	/_/_/_/	What date did you start harrowing this parcel? 1)_____; 2)_____;
19	/_/_/_/	/_/_/_/	What was the most ideal date to start harrowing this parcel? 1)_____; 2)_____
22	/_/	/_/	If harrowing was delayed: What was the reason for the delay in harrowing this parcel?1/
23	/_/_/_/	/_/_/_/	What date did you start planting this parcel? 1)_____; 2)_____
26	/_/_/_/	/_/_/_/	What was the most ideal date to start planting this parcel? 1)_____; 2)_____
29	/_/	/_/	If planting was delayed: What was the reason for the delay in planting this parcel?
30	/_/_/_/	/_/_/_/	What date did you start harvesting this parcel?
33	/_/_/_/	/_/_/_/	What was the most ideal date to start harvesting this parcel?
36	/_/	/_/	If harvesting was delayed: What was the reason for the delay in harvesting this parcel?
37	/_/_/_/	/_/_/_/	Parcel/Subparcel ID
40	/_/	/_/	Sub-sub parcel ID
41	/_/_/_/	/_/_/_/	What date did you start ploughing this parcel? 1)_____; 2)_____
44	/_/_/_/	/_/_/_/	What was the most ideal date to start ploughing this parcel? 1)_____; 2)_____
47	/_/	/_/	If ploughing was delayed: What was the reason for the delay in ploughing this parcel?1/
48	/_/_/_/	/_/_/_/	What date did you start harrowing this parcel? 1)_____; 2)_____
51	/_/_/_/	/_/_/_/	What was the most ideal date to start harrowing this parcel? 1)_____; 2)_____
54	/_/	/_/	If harrowing was delayed: What was the reason for the delay in harrowing this parcel?
55	/_/_/_/	/_/_/_/	What date did you start planting this parcel?
58	/_/_/_/	/_/_/_/	What was the most ideal date to start planting this parcel?
61	/_/	/_/	If planting was delayed: What was the reason for the delay in planting this parcel?
62	/_/_/_/	/_/_/_/	What date did you start harvesting this parcel?
65	/_/_/_/	/_/_/_/	What was the most ideal date to start harvesting this parcel?
68	/_/	/_/	If harvesting was delayed: What was the reason for the delay in harvesting this parcel?
69	/_/	/_/	Cropping season: 1 = wet season; 2 = 2nd season; 3 = 3rd season
70-73	skip	skip	
74	/_/	/_/	Card no.
75	/_/_/_/	/_/_/_/	HOUSEHOLD CODE
78	/_/_/_/	/_/_/_/	PROJECT CODE

1/Reasons for delay:
1 = water delayed or insufficient
2 = no human labor available
3 = no animal labor available
4 = no machine labor available
5 = another previous farm activity was delayed
6 = lack of money
7 = others (specify) _____

column		
01	/9/4/5/	(Mandatory code)
		ANIMAL DISEASES
04-06	skip	
		Animal disease 1
07	/_/_/	What type of draft animal contracted a disease? 01 = cattle; 02 = water buffalo; 03 = horses; 07 = others (specify)_____
09	/_/_/	How many of this type of animal contracted a disease?
11	/_/	What disease did this animal(s) contract? 1 = hoof and mouth disease; 2 = cold; 3 = anthrax (high fever due to infection); 4 = brucellosis (disease related to miscarriage or abortion); 5 = rinder pest (cattle disease); 7 = others (specify)_____
12	/_/	Did this animal contract this disease during a 0 = No; 1 = Yes
13	/_/_/_/	If disease occurred during a field activity: How many days was the activity delayed?
16	/_/_/	How many days were you unable to use this animal for field work?1/
		Animal disease 2
18	/_/_/	What type of draft animal contracted a disease? 01 = cattle; 02 = water buffalo; 03 = horses; 07 = others (specify)_____
20	/_/_/	How many of this type of animal contracted a disease?
22	/_/	What disease did this animal(s) contract? (See codes in col. 11)
23	/_/	Did this animal contract this disease during a 0 = No; 1 = Yes
24	/_/_/_/	If disease occurred during a field activity: How many days was the activity delayed?
27	/_/_/	How many days were you unable to use this animal for field work?1/
		Animal disease 3
29	/_/_/	What type of draft animal contracted a disease? 01 = cattle; 02 = water buffalo; 3 = horse; 7 = others (specify)_____
31	/_/_/	How many of this type of animal contracted a disease?
33	/_/	What disease did this animal(s) contract? (See codes in col. 11)
34	/_/	Did this animal contract this disease during a period of field activity? 0 = No; 1 = Yes
35	/_/_/_/	If disease occured during a field activity: How many days was the activity delayed?
38	/_/_/	How many days were you unable to use this animal for field work?1/
		ACCIDENTS WITH ANIMALS
		Accident 1
40	/_/_/	With what type of draft animal did you have an accident? 01 = cattle; 02 = water buffalo; 03 = horse; 07 = others (specify)_____
42	/_/	What type of accident occurred? 1 = animal stepped on farmer; 2 = animal pushed farmer; 3 = animal bit farmer; 7 = others (specify)_____
43	/_/	How serious was the accident? 1 = minor injury (self medication only); 2 = injury required attention of doctor/nurse; 3 = injury required hospitalization; 4 = death
		Accident 2
44	/_/_/	With what type of draft animal did you have an accident? 01 = cattle; 02 = water buffalo; 03 = horse; 07 = others (specify)_____
46	/_/	What type of accident occurred? (See codes in col. 42)
47	/_/	How serious was the accident? (See codes in col. 43)
		Accident 3
48	/_/_/	With what type of draft animal did you have an accident? 01 = cattle; 02 = water buffalo; 03 = horse; 07 = others (specify)_____
50	/_/	What type of accident occurred? (See codes in col. 42)
51	/_/	How serious was the accident? (See codes in col. 43).
52-68	skip	
69	/_/	Cropping season: 1 = wet season; 2 = 2nd cropping season; 3 = 3rd cropping season
70-72	skip	
74	/_/	Card no.
75	/_/_/_/	HOUSEHOLD CODE
78	/_/_/	PROJECT CODE

1/If animal can no longer be used for field work, record/7/7/7/.

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Appendix F.

Description of the Classification groups:

a) VILNO** Village Number

b) STRATA** Farm Stratum

c) FTYPE1** Intermediate Farm Type

d) NPF1** Farm Stratum to Farm Type

e) AREA Cultivation Size

f) ARECODE Classification by Area
1 AREA < 1 ha.
2 1 <= AREA < 2.5 ha.
3 AREA >= 2.5 ha.

g) DATE Planting Date
Computed as:
DATE = 4(MONTH*) + WEEK*

h) DTECODE Classification by Planting Date
For Wet Seaon:
1 AREA <= 33 days
2 AREA > 33 days

For Dry Season:
1 AREA <= 8 days (including codes 33 to 42 which is set to 0)
2 AREA > 8 days

i) PLTMETH Planting Method

j) PLTCODE Classification by Planting Method
1 Regular transplanting
2 Irregular Transplanting
3 Direct Seeding and Broadcasting

k) THRESH Threshing activity for household
1 Manual threshing
2 Mechanical threshing

l) TENURE Tenure Status
1 Land is owned
2 Land is rented-in
3 Equally own and rented-in land

Note:
* Refer to Appendix B Form 913
** Refer to Appendix C

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE WET SEASON 1

Household Code	Village Number	Farm type	NPF1 Code	Farm Stratum	Area	Date
103	1	8	71	8	3	29
106	1	9	45	5	3	34
109	1	9	72	8	2	30
111	1	9	72	8	4	32
113	1	9	72	8	2.47	33
114	1	9	72	8	1.50	32
115	1	8	71	8	2.75	29
118	1	9	72	8	1.50	35
119	1	8	71	8	1.50	34
120	1	9	45	5	1.90	33
122	1	8	71	8	1	31
124	1	8	80	9	1.50	31
125	1	7	61	7	1	29
126	1	7	61	7	1.15	29
127	1	8	71	8	2	29
131	1	9	72	8	6	30
133	1	9	72	8	1.30	34
136	1	9	72	8	1	34
138	1	8	71	8	1.75	32
140	1	8	80	9	1	30
142	1	8	71	8	3	29
154	1	8	44	5	2.85	28
157	1	9	45	5	3	33
165	1	8	71	8	3	33
166	1	8	71	8	2.50	30
167	1	9	72	8	2.50	31
169	1	9	72	8	2	31
171	1	9	72	8	3	32
172	1	9	72	8	3.75	31
173	1	9	72	8	3	32
175	1	8	71	8	2	37
176	1	8	71	8	8	28
177	1	8	71	8	1.40	32
178	1	8	71	8	3	33
179	1	9	72	8	2	36
180	1	9	72	8	3.50	35
183	1	9	72	8	3	31
185	1	9	72	8	6	34
186	1	8	71	8	3	33
188	1	9	72	8	2	33
201	2	9	72	8	2.50	29
202	2	8	71	8	2.50	34
203	2	9	72	8	3	33
204	2	9	54	6	2.30	36
206	2	9	54	6	4.50	33
208	2	9	72	8	1	33
211	2	8	62	7	1.50	33

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE WET SEASON 1

Household Code	Village Number	Area Code	Date Code	Planting Code	Planting Method
103	1	3	1	4	20
106	1	3	2	4	20
109	1	2	1	4	20
111	1	3	1	4	20
113	1	2	1	4	20
114	1	2	1	4	30
115	1	3	1	4	20
118	1	2	2	4	20
119	1	2	2	4	20
120	1	2	1	4	20
122	1	1	1	4	20
124	1	2	1	4	10
125	1	1	1	4	20
126	1	2	1	4	20
127	1	2	1	4	20
131	1	3	1	4	30
133	1	2	2	4	20
136	1	1	2	4	20
138	1	2	1	4	20
140	1	1	1	4	20
142	1	3	1	4	20
154	1	3	1	4	20
157	1	3	1	4	20
165	1	3	1	4	20
166	1	3	1	4	20
167	1	3	1	4	20
169	1	2	1	4	20
171	1	3	1	4	20
172	1	3	1	4	20
173	1	3	1	4	20
175	1	2	2	4	10
176	1	3	1	4	20
177	1	2	1	4	20
178	1	3	1	4	20
179	1	2	2	4	20
180	1	3	2	4	20
183	1	3	1	4	20
185	1	3	2	4	20
186	1	3	1	4	20
188	1	2	1	4	20
201	2	3	1	4	20
202	2	3	2	4	30
203	2	3	1	4	30
204	2	2	2	4	20
206	2	3	1	4	20
208	2	1	1	4	30

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE WET SEASON 1

Household Code	Village Number	Thresh	Tenure
103	1	1	2
106	1	1	2
109	1	2	2
111	1	1	2
113	1	1	1
114	1	2	2
115	1	2	2
118	1	1	2
119	1	1	2
120	1	1	2
122	1	1	2
124	1	2	2
125	1	1	1
126	1	1	1
127	1	1	1
131	1	2	2
133	1	2	1
136	1	1	2
138	1	2	2
140	1	1	1
142	1	2	2
154	1	1	2
157	1	1	2
165	1	2	1
166	1	1	2
167	1	1	2
169	1	2	2
171	1	1	1
172	1	1	2
173	1	1	1
175	1	2	2
176	1	2	2
177	1	2	1
178	1	2	1
179	1	2	2
180	1	2	2
183	1	1	2
185	1	2	1
186	1	1	2
188	1	2	2
201	2	2	2
202	2	2	2
203	2	2	3
204	2	2	2
206	2	1	2
208	2	2	2
211	2	2	2

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE WET SEASON 1

Household Code	Village Number	Farm type	NPFl Code	Farm Stratum	Area	Date
213	2	8	71	8	3	35
214	2	9	45	5	1.50	34
216	2	9	72	8	3	35
217	2	9	45	5	1	34
218	2	9	45	5	1	36
220	2	9	72	8	0.50	36
225	2	8	71	8	1.75	33
226	2	9	72	8	1.40	32
229	2	9	45	5	2	32
230	2	8	53	6	1	34
231	2	9	45	5	0.50	30
232	2	9	81	9	2	25
233	2	8	53	6	1.50	34
234	2	8	35	4	2.40	26
235	2	8	71	8	2.40	33
236	2	8	44	5	4	32
237	2	7	52	6	1	36
238	2	8	80	9	1.50	33
239	2	8	80	9	1	34
240	2	8	71	8	5.05	36
242	2	8	80	9	1.50	32
243	2	9	81	9	0.50	30
244	2	9	45	5	1.25	31
265	2	9	45	5	2	32
267	2	9	45	5	4	32
268	2	9	72	8	7.75	34
270	2	9	72	8	1.70	32
271	2	9	72	8	2	36
272	2	9	72	8	1.50	36
274	2	9	72	8	3.45	34
275	2	9	72	8	2.50	27
276	2	9	72	8	3	33
277	2	9	72	8	2	32
278	2	9	72	8	2.10	32
302	3	1	1	1	1	29
303	3	4	31	4	1.50	27
305	3	1	55	7	2	29
306	3	1	28	4	3	31
307	3	1	1	1	1.25	30
309	3	1	55	7	2.50	32
310	3	2	20	3	0.75	36
311	3	1	1	1	0.75	36
312	3	1	19	3	2.92	33
313	3	1	28	4	2.50	30
314	3	1	19	3	2.25	31
315	3	2	20	3	2.50	
316	3	1	10	2	0.50	36

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE WET SEASON 1

Household Code	Village Number	Area Code	Date Code	Planting Code	Planting Method
213	2	3	2	4	30
214	2	2	2	4	40
216	2	3	2	4	30
217	2	1	2	4	30
218	2	1	2	4	30
220	2	1	2	4	20
225	2	3	1	4	30
226	2	2	1	4	30
229	2	2	1	4	20
230	2	1	2	4	20
231	2	1	1	4	20
232	2	2	1	4	20
233	2	2	2	4	20
234	2	2	1	4	70
235	2	2	1	4	20
236	2	3	1	4	30
237	2	1	2	4	30
238	2	2	1	4	30
239	2	1	2	4	30
240	2	3	2	4	20
242	2	2	1	4	20
243	2	1	1	4	30
244	2	2	1	4	20
265	2	2	1	4	30
267	2	3	1	4	30
268	2	3	2	4	20
270	2	2	1	4	30
271	2	2	2	4	30
272	2	2	2	4	30
274	2	3	2	4	30
275	2	3	1	4	30
276	2	3	1	4	20
277	2	2	1	4	20
278	2	2	1	4	20
302	3	1	1	4	20
303	3	2	1	4	20
305	3	2	1	4	20
306	3	3	1	4	20
307	3	2	1	4	20
309	3	3	1	4	20
310	3	1	2	4	20
311	3	1	2	4	20
312	3	3	1	4	10
313	3	3	1	4	20
314	3	2	1	4	20
315	3	3	1	4	
316	3	1	2	4	20

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE WET SEASON 1

Household Code	Village Number	Thresh	Tenure
213	2	2	2
214	2	2	2
216	2	2	2
217	2	2	1
218	2	2	2
220	2	1	2
225	2	1	2
226	2	2	2
229	2	2	2
230	2	1	2
231	2	1	2
232	2	1	2
233	2	2	2
234	2	1	2
235	2	1	1
236	2	1	2
237	2	2	2
238	2	2	2
239	2	2	2
240	2	2	2
242	2	2	2
243	2	2	1
244	2	1	2
265	2	1	2
267	2	2	2
268	2	2	2
270	2	2	2
271	2	2	2
272	2	1	2
274	2	2	2
275	2	2	2
276	2	2	2
277	2	2	2
278	2	1	2
302	3	1	2
303	3	1	1
305	3	1	2
306	3	1	2
307	3	1	2
309	3	1	1
310	3	1	1
311	3	1	2
312	3	2	2
313	3	2	2
314	3	1	2
316	3	1	2
317	3	1	1

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE WET SEASON 1

Household Code	Village Number	Farm type	NPF1 Code	Farm Stratum	Area	Date
317	3	1	1	1	1.50	34
318	3	2	11	2	2.50	31
319	3	1	19	3	1	36
320	3	1	1	1	4	30
321	3	1	1	1	2.50	31
322	3	1	19	3	2	32
325	3	2	11	2	2.50	36
351	3	1	1	1	2	35
352	3	1	1	1	2	31
355	3	1	1	1	1.30	31
401	4	8	44	5	1	36
402	4	7	79	9	0.90	32
403	4	8	44	5	3	35
405	4	8	44	5	0.25	36
407	4	8	44	5	1.50	36
408	4	8	62	7	1	35
409	4	8	53	6	2	36
410	4	2	74	9	3	34
413	4	7	61	7	1.10	
414	4	8	80	9	2.50	37
415	4	8	80	9	2.25	36
416	4	8	80	9	0.80	30
417	4	8	80	9	2.50	37
418	4	8	80	9	3	30
420	4	8	53	6	0.50	35
421	4	8	71	8	1	39
423	4	8	80	9	1.50	36
426	4	7	61	7	0.50	32
429	4	8	80	9	1	31
430	4	8	80	9	1.45	34
431	4	8	44	5	0.25	35
432	4	9	81	9	0.80	40
433	4	8	80	9	1.50	36
434	4	8	53	6	1.50	36
435	4	7	70	8	0.25	34
436	4	8	44	5	1.27	36
437	4	8	53	6	3	35
438	4	8	35	4	1.25	34
440	4	8	71	8	1.25	33
441	4	8	71	8	0.50	36
443	4	8	80	9	2	36
446	4	8	80	9	2.85	36
447	4	8	80	9	2	33
448	4	8	44	5	0.90	37
449	4	9	72	8	0.75	36
450	4	8	44	5	2.50	37
451	4	9	81	9	3	36

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE WET SEASON 1

Household Code	Village Number	Area Code	Date Code	Planting Code	Planting Method
317	3	2	2	4	20
318	3	3	1	4	10
319	3	1	2	4	20
320	3	3	1	4	20
321	3	3	1	4	20
322	3	2	1	4	20
325	3	3	2	4	20
351	3	2	2	4	20
352	3	2	1	4	20
355	3	2	1	4	
401	4	1	2	4	20
402	4	1	1	4	20
403	4	3	2	4	20
405	4	1	2	4	20
407	4	2	2	4	20
408	4	1	2	4	20
409	4	2	2	4	20
410	4	3	2	4	20
413	4	2	1	4	
414	4	3	2	4	20
415	4	2	2	4	20
416	4	1	1	4	20
417	4	3	2	4	20
418	4	3	1	4	20
420	4	1	2	4	20
421	4	1	2	4	20
423	4	2	2	4	20
426	4	1	1	4	30
429	4	1	1	4	30
430	4	2	2	4	20
431	4	1	2	4	20
432	4	1	2	4	20
433	4	2	2	4	20
434	4	2	2	4	20
435	4	1	2	4	40
436	4	2	2	4	20
437	4	3	2	4	20
438	4	2	2	4	20
440	4	2	1	4	20
441	4	1	2	4	20
443	4	2	2	4	20
446	4	3	2	4	20
447	4	2	1	4	30
448	4	1	2	4	20
449	4	1	2	4	20
450	4	3	2	4	20
451	4	3	2	4	20

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE WET SEASON 1

Household Code	Village Number	Thresh	Tenure
318	3	1	1
319	3	1	1
320	3	1	2
321	3	1	2
322	3	1	1
325	3	1	2
351	3	1	1
352	3	1	1
355	3	1	2
401	4	1	2
402	4	1	1
403	4	1	2
405	4	2	2
407	4	2	1
408	4	1	2
409	4	2	1
410	4	2	1
413	4		2
414	4	2	1
415	4	1	1
416	4	1	1
417	4	2	1
418	4	2	1
420	4	2	1
421	4	1	1
423	4	1	1
426	4	1	2
429	4	1	1
430	4	1	2
431	4	1	2
431	3	1	2
432	4	1	2
433	4	1	2
434	4	1	1
435	4	1	2
436	4	2	1
437	4	1	2
438	4	1	2
440	4	1	1
441	4	1	1
443	4	2	2
446	4	1	1
447	4	1	2
448	4	2	1
449	4	1	2
450	4	1	2
451	4	1	1

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE WET SEASON 1

Household Code	Village Number	Farm type	NPF1 Code	Farm Stratum	Area	Date
452	4	9	72	8	3	37
453	4	8	62	7	2	36
454	4	8	71	8	2.25	36
455	4	8	80	9	2.50	35
456	4	8	62	7	2	38
457	4	8	80	9	1.50	37
458	4	9	81	9	3	36
460	4	8	71	8	3	35
464	4	8	80	9	3.75	33
468	4	8	44	5	3	36
469	4	8	53	6	2.50	35
470	4	8	35	4	2	40
472	4	8	53	6	0.90	36
473	4	8	44	5	1.50	35
474	4	8	71	8	3	33
478	4	8	62	7	1.96	35
480	4	8	71	8	1	36
481	4	9	81	9	3	40
482	4	8	71	8	1.50	34
483	4	8	62	7	1.50	34
484	4	8	44	5	1.50	32
485	4	8	44	5	1.40	39
495	4	8	80	9	2.50	36
506	5	2	11	2	3	32
507	5	2	56	7	2	32
508	4	1	10	2	1.30	34
509	5	1	1	1	0.25	36
510	5	1	10	2	0.75	33
511	5	2	2	1	1.50	36
513	5	4	31	4	2.50	29
514	5	1	28	4	1.50	35
515	5	1	1	1	2.50	30
516	5	4	31	4	1.50	33
517	5	1	1	1	1.75	28
518	5	1	1	1	1	32
519	5	2	11	2	1.50	35
523	5	2	11	2	1.90	33
525	5	1	1	1	3	32
529	5	1	1	1	2.50	32
530	5	2	2	1	2.50	35
531	5	2	2	1	0.50	28
534	5	1	10	2	2.50	28
540	5	1	10	2	2.40	35
546	5	1	1	1	3	28
549	5	2	11	2	0.50	32
551	5	1	1	1	1.50	36
552	5	1	10	2	1.25	36

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE WET SEASON 1

Household Code	Village Number	Area Code	Date Code	Planting Code	Planting Method
452	4	3	2	4	20
453	4	2	2	4	20
454	4	2	2	4	20
455	4	3	2	4	20
456	4	2	2	4	20
457	4	2	2	4	20
458	4	3	2	4	20
460	4	3	2	4	20
464	4	3	1	4	30
468	4	3	2	4	20
469	4	3	2	4	20
470	4	2	2	4	20
472	4	1	2	4	20
473	4	2	2	4	30
474	4	3	1	4	20
478	4	2	2	4	20
480	4	1	2	4	20
481	4	3	2	4	20
482	4	2	2	4	20
483	4	2	2	4	20
484	4	2	1	4	30
485	4	2	2	4	20
495	4	3	2	4	20
506	5	3	1	4	20
507	5	2	1	4	20
508	4	2	2	4	20
509	5	1	2	4	30
510	5	1	1	4	20
511	5	2	2	4	30
513	5	3	1	4	20
514	5	2	2	4	20
515	5	3	1	4	20
516	5	2	1	4	20
517	5	2	1	4	20
518	5	1	1	4	20
519	5	2	2	4	30
523	5	2	1	4	20
525	5	3	1	4	20
529	5	3	1	4	20
530	5	3	2	4	30
531	5	1	1	4	20
534	5	3	1	4	30
540	5	2	2	4	20
546	5	3	1	4	20
549	5	1	1	4	20
551	5	2	2	4	20
552	5	2	2	4	20

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE WET SEASON 1

Household Code	Village Number	Thresh	Tenure
452	4	1	1
453	4	1	2
454	4	1	1
455	4	2	1
456	4	1	1
457	4	2	2
458	4	2	1
460	4	2	1
464	4	1	1
468	4	2	1
469	4	2	2
470	4	1	2
472	4	1	2
473	4	1	1
474	4	1	1
478	4	2	1
480	4	2	3
481	4	1	1
482	4	1	2
483	4	1	2
484	4	1	2
485	4	1	1
495	4	2	1
506	5	1	1
507	5	2	1
508	5	1	1
509	5	2	1
510	5	2	1
511	5	2	1
513	5	2	1
514	5	2	1
515	5	2	1
516	5	1	1
517	5	1	1
518	5	1	1
519	5	1	1
523	5	1	1
525	5	2	1
529	5	2	1
530	5	2	1
531	5	1	1
534	5	1	1
540	5	2	1
546	5	2	1
549	5	1	1
551	5	2	1
552	5	2	1

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE WET SEASON 1

Household Code	Village Number	Farm type	NPF1 Code	Farm Stratum	Area	Date
553	5	1	1	1	5	34
554	5	1	1	1	0.50	39
556	5	1	1	1	1.24	32
557	5	1	19	3	0.75	35
558	5	1	19	3	1.14	36
559	5	1	1	1	1.50	36
561	5	1	10	2	1.40	30
562	5	2	11	2	1.50	34
563	5	1	10	2	1.50	35
568	5	4	58	7	1.50	25
601	6	5	50	6	4	34
603	6	4	31	4	2	34
604	6	4	49	6	4	28
605	6	1	1	1	0.50	28
606	6	1	55	7	1	32
607	6	4	58	7	0.50	32
609	6	4	58	7	1.45	32
611	6	5	41	5	2	27
612	6	4	58	7	1.50	41
613	6	2	11	2	2	36
614	6	4	76	9	4.50	36
615	6	4	31	4	2.25	35
616	6	1	19	3	2.50	36
617	6	4	58	7	3	33
618	6	4	76	9	6	32
619	6	1	19	3	0.30	36
620	6	2	29	4	3.50	28
621	6	1	1	1	1.50	30
622	6	1	1	1	2.50	31
623	6	1	10	2	2.25	28
624	6	4	58	7	2	29
625	6	4	58	7	4	30
627	6	4	58	7	1	36
629	6	4	76	9	1.50	32
630	6	4	58	7	1	32
631	6	4	58	7	2	36
632	6	5	41	5	0.50	31
633	6	1	1	1	1.12	36
634	6	1	28	4	1	36
635	6	4	58	7	0.75	7
636	6	4	31	4	3	28
637	6	1	10	2	0.68	36
638	6	4	58	7	1	34
642	6	1	19	3	0.60	36
643	6	1	19	3	1.50	35
646	6	1	19	3	1	36
659	6	1	19	3	0.50	31

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE WET SEASON 1

Household Code	Village Number	Area Code	Date Code	Planting Code	Planting Method
553	5	3	2	4	20
554	5	1	2	4	20
556	5	2	1	4	20
557	5	1	2	4	20
558	5	2	2	4	20
559	5	2	2	4	20
561	5	2	1	4	30
562	5	2	2	4	20
563	5	2	2	4	20
568	5	2	1	4	20
601	6	3	2	4	30
603	6	2	2	4	30
604	6	3	1	4	30
605	6	1	1	4	30
606	6	1	1	4	20
607	6	1	1	4	20
609	6	2	1	4	20
611	6	2	1	4	20
612	6	2	2	4	30
613	6	2	2	4	30
614	6	3	2	4	30
615	6	2	2	4	30
616	6	3	2	4	30
617	6	3	1	4	30
618	6	3	1	4	30
619	6	1	2	4	30
620	6	3	1	4	30
621	6	2	1	4	30
622	6	3	1	4	30
623	6	2	1	4	
624	6	2	1	4	30
625	6	3	1	4	30
627	6	1	2	4	30
629	6	2	1	4	20
630	6	1	1	4	30
631	6	2	2	4	20
632	6	1	1	4	30
633	6	2	2	4	20
634	6	1	2	4	30
635	6	1	1	4	20
636	6	3	1	4	30
637	6	1	2	4	20
638	6	1	2	4	30
642	6	1	2	4	30
643	6	2	2	4	30
646	6	1	2	4	30
659	6	1	1	4	20

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE WET SEASON 1

Household Code	Village Number	Thresh	Tenure
553	5	2	1
554	5	2	1
556	5	2	1
557	5	2	2
558	5	2	1
561	5	2	1
562	5	1	1
563	5	2	1
568	5	2	1
601	6	1	1
603	6	2	1
604	6	2	2
605	6	2	1
606	6	2	1
607	6	1	1
609	6	2	1
611	6	1	1
612	6	2	1
613	6	2	1
614	6	2	1
615	6	2	1
616	6	2	1
617	6	2	1
618	6	2	1
619	6	1	2
620	6	1	1
621	6	1	1
622	6	1	1
623	6	1	1
624	6	1	1
625	6	2	2
627	6	1	1
629	6	2	1
630	6	1	1
631	6	1	1
632	6	1	1
633	6	1	1
634	6	1	2
635	6	1	1
636	6	1	1
637	6	1	1
638	6	1	1
642	6	1	1
643	6	1	1
646	6	2	1
659	6	1	2
701	7	2	1

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE WET SEASON 1

Household Code	Village Number	Farm type	NPFI Code	Farm Stratum	Area	Date
701	7	2	20	3	1	37
704	7	2	20	3	4.40	32
705	7	1	1	1	1	30
707	7	1	19	3	2.50	40
708	7	2	20	3	2	36
709	7	2	11	2	4.80	37
710	7	2	11	2	2.40	38
711	7	2	11	2	2.95	36
712	7	2	11	2	2.32	33
714	7	2	11	2	2.05	
715	7	1	46	6	2.50	36
716	7	2	11	2	1.50	29
717	7	2	2	1	2	35
718	7	2	20	3	1.30	35
719	7	5	68	8	2.25	30
721	7	2	2	1	1.50	32
722	7	2	56	7	2	35
723	7	2	11	2	1.76	36
725	7	2	20	3	1.70	35
729	7	2	20	3	1	37
732	7	1	19	3	2.38	37
734	7	1	10	2	2.50	33
735	7	2	11	2	3.30	34
739	7	2	2	1	1.50	36
740	7	2	2	1	0.50	37
743	7	1	10	2	1.25	35
744	7	1	19	3	1.50	36
745	7	1	19	3	3	37
746	7	1	10	2	1.50	36
747	7	2	20	3	1.29	35
749	7	2	11	2	5.25	28
751	7	1	19	3	1	36
753	7	1	1	1	1.25	35
758	7	3	12	2	2.61	32
761	7	2	11	2	1	35
763	7	2	2	1	0.50	37
765	7	2	11	2	2.69	36
772	7	2	20	3	3.55	32
775	7	1	1	1	2	37
777	7	1	10	2	1.50	30
779	7	1	1	1	1.25	36
783	7	1	19	3	1	37
801	8	4	58	7	0.20	28
802	8	5	59	7	2.20	36
805	8	5	77	9	2	34
806	8	5	59	7	0.70	32
810	8	1	28	4	1	36

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE WET SEASON 1

Household Code	Village Number	Area Code	Date Code	Planting Code	Planting Method
701	7	1	2	4	20
704	7	3	1	4	30
705	7	1	1	4	20
707	7	3	2	4	30
708	7	2	2	4	20
709	7	3	2	4	30
710	7	2	2	4	30
711	7	3	2	4	30
712	7	2	1	4	30
714	7	2	1	4	20
715	7	3	2	4	20
716	7	2	1	4	20
717	7	2	2	4	20
718	7	2	2	4	20
719	7	2	1	4	30
721	7	2	1	4	20
722	7	2	2	4	20
723	7	2	2	4	20
725	7	2	2	4	20
729	7	1	2	4	30
732	7	2	2	4	30
734	7	3	1	4	20
735	7	3	2	4	20
739	7	2	2	4	20
740	7	1	1	4	20
743	7	2	2	4	20
744	7	2	2	4	20
745	7	3	2	4	30
746	7	2	2	4	30
747	7	2	2	4	20
749	7	3	1	4	30
751	7	1	2	4	30
753	7	2	2	4	20
758	7	3	1	4	20
761	7	1	2	4	20
763	7	1	2	4	20
765	7	3	2	4	30
772	7	3	1	4	20
775	7	2	2	4	20
777	7	2	1	4	20
779	7	2	2	4	20
783	7	1	2	4	20
801	8	1	1	4	20
802	8	2	2	4	20
805	8	2	2	4	20
806	8	1	1	4	20
810	8	1	2	4	20

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE WET SEASON 1

Household Code	Village Number	Thresh	Tenure
704	7	2	1
705	7	2	1
707	7	2	1
708	7	2	2
709	7	2	1
710	7	2	1
711	7	1	1
712	7	2	1
714	7	2	2
715	7	1	1
716	7	1	1
717	7	1	1
718	7	2	2
719	7	1	1
721	7	1	1
722	7	2	1
723	7	2	1
725	7	2	1
729	7	1	1
732	7	2	1
734	7	1	1
735	7	2	1
739	7	2	1
740	7	1	1
743	7	2	1
744	7	2	1
745	7	2	1
746	7	2	1
747	7	1	1
749	7	1	1
751	7	2	1
753	7	2	1
758	7	2	1
761	7	2	1
763	7	2	2
765	7	1	1
772	7	2	1
775	7	1	1
777	7	1	1
779	7	1	2
783	7	2	1
801	8	1	2
802	8	1	2
805	8	1	2
806	8	1	2
810	8	1	2
812	8	1	2

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE WET SEASON 1

Household Code	Village Number	Farm type	NPF1 Code	Farm Stratum	Area	Date
812	8	4	49	6	1	30
815	8	5	59	7	1	33
817	8	5	77	9	1.50	33
818	8	4	76	9	3.40	36
819	8	4	49	6	1.50	35
820	8	2	47	6	1	32
821	8	4	31	4	2.30	23
823	8	5	32	4	2.50	35
825	8	4	76	9	3	32
826	8	1	28	4	1	37
827	8	4	58	7	2	31
829	8	4	31	4	1	
831	8	2	2	1	1	33
833	8	4	40	5	0.75	31
834	8	2	38	5	2	30
835	8	1	1	1	0.15	
837	8	1	19	3	1.70	35
838	8	1	10	2	1.50	33
841	8	2	2	1	2.25	32
843	8	1	1	1	2	28
845	8	4	31	4	2.50	30
847	8	4	58	7	1	
848	8	1	1	1	1.25	34
849	8	4	76	9	1	34
851	8	4	49	6	3	36
852	8	5	59	7	3.70	31
853	8	4	22	3	3.80	31
854	8	2	20	3	1	33
857	8	4	58	7	2.75	32
860	8	1	10	2	0.50	32
862	8	1	1	1	1	35
863	8	5	59	7	2.75	36
865	8	5	59	7	1.25	32
867	8	4	58	7	1	28
878	8	5	59	7	2.50	35
883	8	4	13	2	4	36
884	8	5	5	1	2.50	33
887	8	4	58	7	2.50	34

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE WET SEASON 1

Household Code	Village Number	Area Code	Date Code	Planting Code	Planting Method
812	8	1	1	4	20
815	8	1	1	4	20
817	8	2	1	4	20
818	8	3	2	4	20
818	8	3	2	4	20
819	8	2	2	4	20
820	8	1	1	4	20
821	8	2	1	4	10
823	8	3	2	4	20
825	8	3	1	4	20
826	8				
827	8	2	1	4	30
829	8	1	1	4	14
831	8	1	1	4	20
833	8	1	1	4	20
834	8	2	1	4	20
835	8	1	1	4	40
837	8	2	2	4	20
838	8	2	1	4	20
841	8	2	1	4	20
843	8	2	1	4	20
845	8	3	1	4	20
847	8	1	1	4	20
848	8	2	2	4	20
849	8	1	2	4	20
851	8	3	2	4	20
852	8	3	1	4	20
853	8	3	1	4	20
854	8	1	1	4	20
857	8	3	1	4	20
860	8	1	1	4	20
862	8	1	2	4	20
863	8	3	2	4	20
865	8	2	1	4	20
867	8	1	1	4	20
878	8	3	2	4	20
883	8	3	2	4	20
884	8	3	1	4	20
887	8	3	2	4	20

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE WET SEASON 1

Household Code	Village Number	Thresh	Tenure
815	8	2	2
817	8	2	2
818	8	2	1
819	8	1	1
820	8	2	1
821	8	1	2
823	8	2	2
825	8	1	2
826	8	1	2
827	8	2	2
829	8		2
831	8	1	2
833	8	1	2
834	8	2	2
835	8		2
837	8	2	1
838	8	1	2
841	8	2	2
843	8	1	2
845	8	1	2
847	8	1	1
848	8	1	2
849	8	1	2
851	8	2	2
852	8	2	2
853	8	2	2
854	8	2	2
857	8	2	2
860	8		2
862	8	2	2
863	8	2	2
865	8	1	2
867	8	2	2
878	8	2	2
883	8	2	2
884	8	1	2
887	8	2	2
559	5		

RECORDS SELECTED 00320

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE DRY SEASON 1

Household Code	Village Number	Farm type	NPF1 Code	Farm Stratum	Area	Date
103	1	8	71	8	3	45
106	1	9	45	5	3	8
109	1	9	72	8	1	33
111	1	9	72	8	3	12
113	1	9	72	8	2.47	8
114	1	9	72	8	1.50	7
115	1	8	71	8	2.75	5
118	1	9	72	8	1.50	7
119	1	8	71	8	1.50	9
120	1	9	45	5	1.90	6
122	1	8	71	8	1	7
124	1	8	80	9	1.50	10
125	1	7	61	7	1	8
126	1	7	61	7	0.75	7
127	1	8	71	8	2	7
131	1	9	72	8	4.50	8
133	1	9	72	8	1.50	8
136	1	9	72	8	1	8
138	1	8	71	8	1.75	9
140	1	8	80	9	1	34
142	1	8	71	8	3	10
154	1	8	44	5	2.85	6
157	1	9	45	5	3	12
165	1	8	71	8	3	8
166	1	8	71	8	2.50	6
167	1	9	72	8	2.50	6
169	1	9	72	8	2	8
171	1	9	72	8	3	8
172	1	9	72	8	3.75	12
173	1	9	72	8	3	7
175	1	8	71	8	2	10
176	1	8	71	8	8	6
177	1	8	71	8	1.45	11
178	1	8	71	8	4	6
179	1	9	72	8	2	10
180	1	9	72	8	3.50	10
183	1	9	72	8	3	7
185	1	9	72	8	3.50	7
186	1	8	71	8	3	6
188	1	9	72	8	2	10
201	2	9	72	8	2.50	11
202	2	8	71	8	2.50	
203	2	9	72	8	5.50	7
204	2	9	54	6	2.80	9
206	2	9	54	6	4.50	8
208	2	9	72	8	1	8
211	2	8	62	7	1.50	10

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE DRY SEASON 1

Household Code	Village Number	Area Code	Date Code	Planting Code	Planting Method
103	1	3	1	2	20
106	1	3	1	2	20
109	1	1	2	2	20
111	1	3	2	1	30
113	1	2	1	2	20
114	1	2	1	2	20
115	1	3	1	2	20
118	1	2	1	2	20
119	1	2	2	2	20
120	1	2	1	2	20
122	1	1	1	2	20
124	1	2	2	1	30
125	1	1	1	2	20
126	1	1	1	2	20
127	1	2	1	2	20
131	1	3	1	2	20
133	1	2	1	3	10
136	1	1	1	2	20
138	1	2	2	3	10
140	1	1	2	2	20
142	1	3	2	2	20
154	1	3	1	2	20
157	1	3	2	2	20
165	1	3	1	2	20
166	1	3	1	2	20
167	1	3	1	2	20
169	1	2	1	2	20
171	1	3	1	2	20
172	1	3	2	2	20
173	1	3	1	2	20
175	1	2	2	2	20
176	1	3	1	2	20
177	1	2	2	2	20
178	1	3	1	2	20
179	1	2	2	2	20
180	1	3	2	2	20
183	1	3	1	2	20
185	1	3	1	2	20
186	1	3	1	2	20
188	1	2	2	2	20
201	2	3	2	1	30
202	2	3	1		
203	2	3	1	1	30
204	2	3	2	2	20
206	2	3	1	2	20
208	2	1	1	1	30
211	2	2	2	1	30

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE DRY SEASON 1

Household Code	Village Number	Thresh	Tenure
103	1	1	2
106	1	2	1
109	1	2	1
111	1	2	2
113	1	2	1
114	1	2	2
115	1	1	2
118	1	2	2
119	1	2	1
120	1	2	2
122	1	2	2
124	1	2	1
125	1	1	1
126	1	1	1
127	1	2	1
131	1	2	2
133	1	2	1
136	1	2	2
138	1	2	2
140	1	2	1
142	1	2	2
154	1	1	2
157	1	2	2
165	1	2	1
166	1	1	2
167	1	2	2
169	1	2	2
171	1	2	1
172	1	2	2
173	1	2	1
175	1	2	2
176	1	2	2
177	1	2	1
178	1	2	1
179	1	2	2
180	1	2	2
183	1	2	2
185	1	2	1
186	1	2	2
188	1	2	2
201	2	2	2
202	2	2	2
203	2	2	3
204	2	2	2
206	2	2	2
208	2	2	2
211	2	2	2

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE DRY SEASON 1

Household Code	Village Number	Farm type	NPF1 Code	Farm Stratum	Area	Date
213	2	8	71	8	3	9
214	2	9	45	5	1.50	8
216	2	9	72	8	3	9
217	2	9	45	5	1	6
218	2	9	45	5	1	12
220	2	9	72	8	0.75	11
225	2	8	71	8	1.75	11
226	2	9	72	8	1.40	7
229	2	9	45	5	2	7
230	2	8	53	6	1	8
231	2	9	45	5	0.50	6
232	2	9	81	9	2	8
233	2	8	53	6	2	9
234	2	8	35	4	2	6
235	2	8	71	8	2.40	9
236	2	8	44	5	4	52
237	2	7	52	6	1	12
238	2	8	80	9	1.50	9
239	2	8	80	9	1	10
240	2	8	71	8	5.05	6
242	2	8	80	9	1.50	10
243	2	9	81	9	0.50	6
244	2	9	45	5	1.25	6
265	2	9	45	5	2	6
267	2	9	45	5	4	7
268	2	9	72	8	7.50	8
270	2	9	72	8	1.70	7
271	2	9	72	8	2	9
272	2	9	72	8	1.50	10
274	2	9	72	8	3.45	6
275	2	9	72	8	2.50	6
276	2	9	72	8	3	10
277	2	9	72	8	3	7
278	2	9	72	8	2.10	7
302	3	1	1	1		
303	3	4	31	4		
305	3	1	55	7		
306	3	1	28	4		
307	3	1	1	1		
309	3	1	55	7		
310	3	2	20	3		
311	3	1	1	1		
312	3	1	19	3		
313	3	1	28	4		
314	3	1	19	3		
316	3	1	10	2		
317	3	1	1	1		
315	3	2	20	3		

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE DRY SEASON 1

Household Code	Village Number	Area Code	Date Code	Planting Code	Planting Method
213	2	3	2	1	30
214	2	2	1	3	10
216	2	3	2	1	30
217	2	1	1	1	30
218	2	1	2	1	30
220	2	1	2	1	30
225	2	2	2	1	30
226	2	2	1	1	30
229	2	2	1	3	10
230	2	1	1	2	20
231	2	1	1	2	20
232	2	2	1	1	30
233	2	2	2	2	20
234	2	2	1	2	20
235	2	2	2	2	20
236	2	3	1	1	30
237	2	1	2	1	30
238	2	2	2	2	20
239	2	1	2	1	30
240	2	3	1	1	30
242	2	2	2	2	20
243	2	1	1	1	30
244	2	2	1	3	10
265	2	2	1	1	30
267	2	3	1	2	20
268	2	3	1	2	20
270	2	2	1	1	30
271	2	2	2	3	10
272	2	2	2	1	30
274	2	3	1	1	30
275	2	3	1	3	10
276	2	3	2	3	10
277	2	3	1	2	20
278	2	2	1	1	30
302	3	1	1		
303	3	1	1		
305	3	1	1		
306	3	1	1		
307	3	1	1		
309	3	1	1		
310	3	1	1		
311	3	1	1		
312	3	1	1		
313	3	1	1		
314	3	1	1		
316	3	1	1		
317	3	1	1		

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE DRY SEASON 1

Household Code	Village Number	Thresh	Tenure
213	2	2	2
214	2	2	2
216	2	2	2
217	2	2	1
218	2	2	2
220	2	2	2
225	2	2	2
226	2	2	2
229	2	2	2
230	2	1	2
231	2	1	2
232	2	2	2
233	2	2	2
234	2	1	2
235	2	2	1
236	2	1	2
237	2	2	2
238	2	2	2
239	2	2	2
240	2	2	2
242	2	2	2
243	2	2	1
244	2	2	2
265	2	2	2
267	2	2	2
268	2	1	2
270	2	2	2
271	2	2	2
272	2	2	2
274	2	2	2
275	2	2	2
276	2	2	2
277	2	2	2
278	2	2	2
302	3		3
303	3		3
305	3		3
306	3		3
307	3		3
309	3		3
310	3		3
311	3		3
312	3		3
313	3		3
314	3		3
316	3		3
317	3		3

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE DRY SEASON 1

Household Code	Village Number	Farm type	NPF1 Code	Farm Stratum	Area	Date
318	3	2	11	2		
319	3	1	19	3		
320	3	1	1	1		
321	3	1	1	1		
322	3	1	19	3		
325	3	2	11	2		
351	3	1	1	1		
352	3	1	1	1		
355	3	1	1	1		
401	4	8	44	5	1	11
402	4	7	79	9	0.90	9
403	4	8	44	5	3	11
405	4	8	44	5	0.25	10
407	4	8	44	5	1.50	11
408	4	8	62	7	1	12
409	4	8	53	6	2	10
410	4	2	74	9	3.30	9
413	4	7	61	7	1.10	
414	4	8	80	9	2.50	11
415	4	8	80	9	2.25	10
416	4	8	80	9	1	15
417	4	8	80	9	2.50	11
418	4	8	80	9	3	10
420	4	8	53	6	0.50	11
421	4	8	71	8	1	10
423	4	8	80	9	1.80	15
426	4	7	61	7	0.50	9
429	4	8	80	9	1.50	11
430	4	8	80	9	1.55	10
431	4	8	44	5	0.35	
315	3	2	20	3		
432	4	9	81	9	0.80	10
433	4	8	80	9	1	9
434	4	8	53	6	1.50	15
435	4	7	70	8	0.25	10
436	4	8	44	5	1.27	11
437	4	8	53	6	3	9
438	4	8	35	4	1.25	10
440	4	8	71	8	1.10	11
441	4	8	71	8	0.50	10
443	4	8	80	9	2	10
446	4	8	80	9	2.85	12
447	4	8	80	9	2	12
448	4	8	44	5	0.90	5
449	4	9	72	8	0.75	10
450	4	8	44	5	1.50	9
451	4	9	81	9	5	7

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE DRY SEASON 1

Household Code	Village Number	Area Code	Date Code	Planting Code	Planting Method
318	3	1	1		
319	3	1	1		
320	3	1	1		
321	3	1	1		
322	3	1	1		
325	3	1	1		
351	3	1	1		
352	3	1	1		
355	3	1	1		
401	4	1	2	2	20
402	4	1	2	2	20
403	4	3	2	2	20
405	4	1	2	2	20
407	4	2	2	2	20
408	4	1	2	2	20
409	4	2	2	2	20
410	4	3	2	2	20
413	4	2	1		
414	4	3	2	2	20
415	4	2	2	2	20
416	4	1	2	2	20
417	4	3	2	2	20
418	4	3	2	2	20
420	4	1	2	2	20
421	4	1	2	2	20
423	4	2	2	2	20
426	4	1	2	2	20
429	4	2	2	2	20
430	4	2	2	2	20
431	4	1	1	3	40
315	3				
432	4	1	2	2	20
433	4	1	2	2	20
434	4	2	2	2	20
435	4	1	2	2	20
436	4	2	2	2	20
437	4	3	2	2	20
438	4	2	2	2	20
440	4	2	2	2	20
441	4	1	2	2	20
443	4	2	2	2	20
446	4	3	2	2	20
447	4	2	2	2	20
448	4	1	1	2	20
449	4	1	2	2	20
450	4	2	2	2	20
451	4	3	1	2	20

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE DRY SEASON 1

Household Code	Village Number	Thresh	Tenure
318	3		3
319	3		3
320	3		3
321	3		3
322	3		3
325	3		3
351	3		3
352	3		3
355	3		3
401	4	2	2
402	4	2	1
403	4	2	2
405	4	2	2
407	4	2	1
408	4	2	2
409	4	2	1
410	4	2	1
413	4		2
414	4	2	1
415	4	2	1
416	4	2	1
417	4	2	1
418	4	2	1
420	4	2	1
421	4	2	1
423	4	2	1
426	4	1	2
429	4	2	1
430	4	2	2
431	4		2
431	3		2
432	4	1	2
433	4	1	2
434	4	1	1
435	4	2	2
436	4	2	1
437	4	2	2
438	4	2	2
440	4	2	1
441	4	2	1
443	4	2	2
446	4	2	1
447	4	2	2
448	4	1	1
449	4	1	2
450	4	1	2
451	4	2	1

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE DRY SEASON 1

Household Code	Village Number	Farm type	NPF' Code	Farm Stratum	Area	Date
452	4	9	72	8	3	11
453	4	8	62	7	2	11
454	4	8	71	8	2.25	11
455	4	8	80	9	2.50	10
456	4	8	62	7	2	11
457	4	8	80	9	1.50	7
458	4	9	81	9	3	12
460	4	8	71	8	2	9
464	4	8	80	9	3.75	9
468	4	8	44	5	3	10
469	4	8	53	6	2.50	12
470	4	8	35	4	1.50	2
472	4	8	53	6	0.90	12
473	4	8	44	5	1.50	9
474	4	8	71	8	3.75	10
478	4	8	62	7	0.75	12
480	4	8	71	8	1	9
481	4	9	81	9	3	11
482	4	8	71	8	2	9
483	4	8	62	7	1.50	10
484	4	8	44	5	1.50	8
485	4	8	44	5	1.40	8
495	4	8	80	9	2	10
506	5	2	11	2		
507	5	2	56	7		
508	5	1	10	2	0.50	47
509	5	1	1	1		
510	5	1	10	2		
511	5	2	2	1		
513	5	4	31	4	0.50	41
514	5	1	28	4		
515	5	1	1	1	0.25	42
516	5	4	31	4		
517	5	1	1	1		
518	5	1	1	1		
519	5	2	11	2		
523	5	2	11	2		
525	5	1	1	1		
529	5	1	1	1		
530	5	2	2	1		
531	5	1	55	7	0.25	8
534	5	1	10	2	0.50	6
540	5	2	20	3		
546	5	1	1	1		
549	5	2	11	2		
551	5	1	1	1		
552	5	1	10	2		

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE DRY SEASON 1

Household Code	Village Number	Area Code	Date Code	Planting Code	Planting Method
452	4	3	2	2	20
453	4	2	2	2	20
454	4	2	2	2	20
455	4	3	2	2	20
456	4	2	2	2	20
457	4	2	1	2	20
458	4	3	2	2	20
460	4	2	2	2	20
464	4	3	2	1	30
468	4	3	2	2	20
469	4	3	2	2	20
470	4	2	1	3	10
472	4	1	2	2	20
473	4	2	2	2	20
474	4	3	2	2	20
478	4	1	2	2	20
480	4	1	2	2	20
481	4	3	2	2	20
482	4	2	2	2	20
483	4	2	2	2	20
484	4	2	1	1	30
485	4	2	1	3	10
495	4	2	2	2	20
506	5	1	1		
507	5	1	1		
508	5	1	1	2	20
509	5	1	1		
510	5	1	1		
511	5	1	1		
513	5	1	1	2	20
514	5	1	1		
515	5	1	1	2	20
516	5	1	1		
517	5	1	1		
518	5	1	1		
519	5	1	1		
523	5	1	1		
525	5	1	1		
529	5	1	1		
530	5	1	1		
531	5	1	1	2	20
534	5	1	1	2	20
540	5	1	1		
546	5	1	1		
549	5	1	1		
551	5	1	1		
552	5	1	1		

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE DRY SEASON 1

Household Code	Village Number	Thresh	Tenure
452	4	2	1
453	4	2	2
454	4	2	1
455	4	2	1
456	4	2	1
457	4	2	2
458	4	2	1
460	4	2	1
464	4	2	1
468	4	2	1
469	4	2	2
470	4	2	2
472	4	2	2
473	4	2	1
474	4	2	1
478	4	2	1
480	4	1	1
481	4	1	1
482	4	2	2
483	4	2	2
484	4	2	2
485	4	2	1
495	4	2	1
506	5		3
507	5		3
508	5	1	2
509	5		3
510	5		3
511	5		3
513	5	2	1
514	5		3
515	5	1	1
516	5		3
517	5		3
518	5		3
519	5		3
523	5		3
525	5		3
529	5		3
530	5		3
531	5	1	1
534	5	2	2
540	5		3
546	5		3
549	5		3
551	5		3
552	5		3

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE DRY SEASON 1

Household Code	Village Number	Farm type	NPF1 Code	Farm Stratum	Area	Date
553	5	1	1	1	0.25	43
554	5	1	1	1		
556	5	1	1	1		
557	5	1	19	3		
558	5	1	19	3		
561	5	1	10	2	0.70	46
562	5	2	11	2		
563	5	1	10	2		
568	5	4	58	7		
601	6	5	50	6	1.25	12
603	6	4	31	4		
604	6	4	49	6		16
605	6	1	1	1		
606	6	1	55	7	1	
607	6	4	58	7	0.50	51
609	6	4	58	7		
611	6	5	41	5		
612	6	4	58	7	1	45
613	6	2	11	2		
614	6	4	76	9		
615	6	4	31	4		
616	6	1	19	3	1	11
617	6	4	58	7	0.25	7
618	6	4	76	9	1	5
619	6	1	19	3		
620	6	2	29	4	1	9
621	6	1	1	1	0.50	9
622	6	1	1	1	0.30	14
623	6	1	10	2		
624	6	4	58	7	1	8
625	6	4	58	7	0.50	16
627	6	4	58	7		
629	6	4	76	9	0.75	11
630	6	4	58	7		
631	6	4	58	7		
632	6	5	41	5		
633	6	1	1	1		
634	6	1	28	4		
635	6	4	58	7	1	8
636	6	4	31	4		
637	6	1	10	2		
638	6	4	58	7		
642	6	1	19	3		
643	6	1	19	3		
646	6	1	19	3		
659	6	1	19	3		
701	7	2	20	3		

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE DRY SEASON 1

Household Code	Village Number	Area Code	Date Code	Planting Code	Planting Method
553	5	1	1	2	20
554	5	1	1		
556	5	1	1		
557	5	1	1		
558	5	1	1		
561	5	1	1	2	20
562	5	1	1		
563	5	1	1		
568	5	1	1		
601	6	2	2	1	30
603	6	1	1		
604	6	1	2	2	20
605	6	1	1		
606	6	1	1		
607	6	1	1	2	20
609	6	1	1		
611	6	1	1		
612	6	1	1	1	30
613	6	1	1		
614	6	1	1		
615	6	1	1		
616	6	1	2	1	30
617	6	1	1	2	20
618	6	1	1	2	20
619	6	1	1		
620	6	1	2	2	20
621	6	1	2	1	30
622	6	1	2	1	30
623	6	1	1		
624	6	1	1	2	20
625	6	1	2	1	30
627	6	1	1		
629	6	1	2	2	20
630	6	1	1		
631	6	1	1		
632	6	1	1		
633	6	1	1		
634	6	1	1		
635	6	1	1	2	20
636	6	1	1		
637	6	1	1		
638	6	1	1		
642	6	1	1		
643	6	1	1		
646	6	1	1		
659	6	1	1		
701	7	1	1		

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE DRY SEASON 1

Household Code	Village Number	Thresh	Tenure
553	5	1	2
554	5		3
556	5		3
557	5		3
558	5		3
561	5	1	1
562	5		3
563	5		3
568	5		3
601	6	1	3
603	6		3
604	6	2	1
605	6		3
606	6	1	2
607	6	2	1
609	6		3
611	6		3
612	6	2	1
613	6		3
614	6		3
615	6		3
616	6	2	1
617	6	1	2
618	6	2	1
619	6		3
620	6	2	1
621	6	2	1
622	6	1	1
623	6		3
624	6	2	1
625	6	2	1
627	6		3
629	6	1	1
630	6		3
631	6		3
632	6		3
633	6		3
634	6		3
635	6	1	1
636	6		3
637	6		3
638	6		3
642	6		3
643	6		3
646	6		3
659	6		3
701	7		3

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE DRY SEASON 1

Household Code	Village Number	Farm type	NPF1 Code	Farm Stratum	Area	Date
704	7	2	20	3	0.25	13
705	7	1	1	1		
707	7	1	19	3		
708	7	2	20	3		
709	7	2	11	2	0.56	5
710	7	2	11	2	0.70	10
711	7	2	11	2		
712	7	2	11	2		
714	7	2	11	2	0.50	10
715	7	1	46	6	1	51
716	7	2	11	2		
717	7	2	2	1	0.50	8
718	7	2	20	3	0.25	9
719	7	5	68	8	0.75	9
721	7	2	2	1	0.50	50
722	7	2	56	7		
723	7	2	11	2		
725	7	2	20	3		
729	7	2	20	3		
732	7	1	19	3		
734	7	1	10	2	1	52
735	7	2	11	2	0.50	48
739	7	2	2	1		
740	7	2	2	1		
743	7	1	10	2		
744	7	1	19	3		
745	7	1	19	3		
746	7	1	10	2		
747	7	2	20	3		
749	7	2	11	2		
751	7	1	19	3		
753	7	1	1	1		
758	7	3	12	2	0.80	13
761	7	2	11	2	0.50	45
763	7	2	2	1		
765	7	2	11	2	1.50	11
772	7	2	20	3		
775	7	1	1	1		
777	7	1	10	2	0.25	18
779	7	1	1	1		
783	7	1	19	3		
801	8	4	58	7	0.20	16
802	8	5	59	7	0.38	11
805	8	5	77	9	0.25	29
806	8	5	59	7	0.70	8
810	8	1	28	4		
812	8	4	49	6		

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE DRY SEASON 1

Household Code	Village Number	Area Code	Date Code	Planting Code	Planting Method
704	7	1	2	2	20
705	7	1	1		
707	7	1	1		
708	7	1	1		
709	7	1	1	2	20
710	7	1	2	2	20
711	7	1	1		
712	7	1	1		
714	7	1	2	2	20
715	7	1	1	2	20
716	7	1	1		
717	7	1	1	2	20
718	7	1	2	2	20
719	7	1	2	2	20
721	7	1	1	2	20
722	7	1	1		
723	7	1	1		
725	7	1	1		
729	7	1	1		
732	7	1	1		
734	7	1	1	2	20
735	7	1	1	3	10
739	7	1	1		
740	7	1	1		
743	7	1	1		
744	7	1	1		
745	7	1	1		
746	7	1	1		
747	7	1	1		
749	7	1	1		
751	7	1	1		
753	7	1	1		
758	7	1	2	2	20
761	7	1	1	2	20
763	7	1	1		
765	7	2	2	2	20
772	7	1	1		
775	7	1	1		
777	7	1	2	2	20
779	7	1	1		
783	7	1	1		
801	8	1	2	2	20
802	8	1	2	2	20
805	8	1	2	2	20
806	8	1	1	2	20
810	8	1	1		
812	8	1	1		

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE DRY SEASON 1

Household Code	Village Number	Thresh	Tenure
704	7	1	1
705	7		3
707	7		3
708	7		3
709	7	1	1
710	7	1	1
711	7		3
712	7		3
714	7	1	2
715	7	1	1
716	7		3
717	7	1	1
718	7	1	2
719	7	1	1
721	7	1	2
722	7		3
723	7		3
725	7		3
729	7		3
732	7		3
734	7	1	1
735	7	1	1
739	7		3
740	7		3
743	7		3
744	7		3
745	7		3
746	7		3
747	7		3
749	7		3
751	7		3
753	7		3
758	7	1	2
761	7	1	1
763	7		3
765	7	2	1
772	7		3
775	7		3
777	7	1	1
779	7		3
783	7		3
801	8	2	2
802	8	2	2
805	8	2	2
806	8	1	2
810	8		3
812	8		3

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE DRY SEASON 1

Household Code	Village Number	Farm type	NPF1 Code	Farm Stratum	Area	Date
815	8	5	59	7	0.50	8
817	8	5	77	9	1.50	6
818	8	4	76	9	18.50	8
819	8	4	49	6	0.50	6
820	8	2	47	6	1	5
821	8	4	31	4	0.50	6
823	8	5	32	4	0.50	9
825	8	4	76	9	2	8
826	8	1	28	4	0.58	11
827	8	4	58	7	1	9
829	8	4	31	4	0.60	7
831	8	2	2	1	0.40	10
833	8	4	40	5		
834	8	2	38	5	0.25	
835	8	1	1	1		
837	8	1	19	3	1	8
838	8	1	10	2		
841	8	2	2	1		
843	8	1	1	1	0.90	10
845	8	4	31	4	0.40	50
847	8	4	58	7	0.50	6
848	8	1	1	1	0.50	6
849	8	4	76	9	0.60	7
851	8	4	49	6	0.50	8
852	8	5	59	7	1	8
853	8	4	22	3	0.80	10
854	8	2	20	3		
857	8	4	58	7	0.50	8
860	8	1	10	2	0.50	9
862	8	1	1	1	0.50	8
863	8	5	59	7	1.50	10
865	8	5	59	7	0.50	6
867	8	4	58	7	0.30	8
878	8	5	59	7	0.25	10
883	8	4	13	2	0.50	7
884	8	5	5	1		
887	8	4	58	7	1	10
559	5	1	1	1		

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE DRY SEASON 1

Household Code	Village Number	Area Code	Date Code	Planting Code	Planting Method
815	8	1	1	2	20
817	8	2	1	2	20
818	8	3	1	2	20
819	8	1	1	1	30
820	8	1	1	2	20
821	8	1	1	2	20
823	8	1	2	2	20
825	8	2	1	2	20
826	8	1	2	2	20
827	8	1	2	2	20
829	8	1	1	2	20
831	8	1	2	2	20
833	8	1	1		
834	8	1	1	2	20
835	8	1	1		
837	8	1	1	2	20
838	8	1	1		
841	8	1	1		
843	8	1	2	2	20
845	8	1	1	2	20
847	8	1	1	2	20
848	8	1	1	2	20
849	8	1	1	2	20
851	8	1	1	2	20
852	8	1	1	2	20
853	8	1	2	2	20
854	8	1	1		
857	8	1	1	2	20
860	8	1	2	2	20
862	8	1	1	2	20
863	8	2	2	2	20
865	8	1	1	2	20
867	8	1	1	2	20
878	8	1	2	2	20
883	8	1	1	2	20
884	8	1	1		
887	8	1	2	2	20
559	5				

HOUSEHOLD CLASSIFICATION
FOR
PHILIPPINE DRY SEASON 1

Household Code	Village Number	Thresh	Tenure
815	8	2	2
817	8	2	2
818	8	2	1
819	8		1
820	8	2	1
821	8	2	2
823	8	2	2
825	8	2	2
826	8	2	2
827	8	2	2
829	8	2	2
831	8	2	2
833	8		1
834	8	2	1
835	8		3
837	8	2	1
838	8		3
841	8		3
843	8	2	2
845	8	2	2
847	8	2	2
848	8	2	2
849	8	2	2
851	8	2	2
852	8	2	2
853	8	2	1
854	8		3
857	8	2	2
860	8	2	2
862	8	2	2
863	8	2	2
865	8	2	2
867	8	2	2
878	8	2	2
883	8	2	2
884	8		3
887	8	2	2
559	5		3

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