IICA

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Representacion en Jamaica
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AGRO - SOCIO - ECONOMIC SAMPLE SURVEY OF ALLSIDES - TRELAWNY JAMAICA

AGRO - SOCIO - ECONOMIC

SAMPLE SURVEY

OF

ALLSIDES - TRELAWNY

JAMAICA

By IICA Jamaica Staff

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AGRICULTURE IN JAMAICA

Collection of papers of the Office of IICA in Jamaica

1977 - 1978

No. I- 1	Fritz Andrew Sibbles, " Basic Agricultural Information on Jamaica Internal Document of Work", January 1977
No. I- 2	Yvonne Lake, "Agricultural Planning in Jamaica", June 1977
No. I- 3	Aston S. Wood, Ph.D., "Agricultural Education in Jamaica", September - October 1977
No. I- 4	Uli Locher, "The Marketing of Agricultural Produce in Jamaica", November 1977
No. I- 5	G. Barker, A. Wahab, L.A. Bell, "Agricultural Research in Jamaica", November 1977
No. I- 6	Irving Johnson, Marie Strachan, Joseph Johnson, "Land Settlement in Jamaica", December 1977
No. I- 7	Government of Jamaica, "Agricultural Government Policy Papers", February 1978
No. I- 8	Jose Emilio Araujo, "The Communal Enterprise", February 1978
No. I- 9	IICA and MOAJ, "Hillside Farming Technology - Intensive Short Course", Vols. I and II, March 1978
No. I-10	Jose Emilio Araujo, "The Theory Behind the Community Enterprise - Seminar in Jamaica", March 1978
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No. I-12	D.D. Henry, "Brief Overall Diagnosis of Hillside Farming in Jamaica", April 1978
No. I-13	Neville Farquharson, "Production and Marketing of Yams in Allsides and Christiana", May 1978
No. I-14	R.C. E.McDonald, A.H. Wahab, "Fertility Assessment of Newly Terraced Hillside Soils Using the Microplot Technique - The Allsides Case Study", 1978
No. I-15	IICA - IDB, "Course in Preparation and Evaluation of Agricultural Projects", Vols. I and II, November 1977
No. I-16	Neville Farquharson, "Production and Marketing of Dasheen in Allsides and Christiana", June 1978

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No. II- 1 O.Arboleda-Sepulveda (IICA-CIDIA), "Agricultural Documentation and Information Network in Jamaica", (Elements of a Proposal)

No. II- 2 Victor Quiroga, "National Agricultural Information SYstem", (NAIS-Jamaica) Project Profile, September 1978

No. II- 3 Joseph Johnson, "A Review on Land Reform in Jamaica for the Period 1972 - 1978", September 1978

No. II- 4 Neville Farquharson, "ABC of Vegetable Farming",A Draft High School Textbook. Vols. I, II, III, and IV, February 1979

No. II- 5 Jerry La Gra, "Elements of an Agricultural Marketing Strategy for Jamaica", March 1979

No. II- 6 D.D. Henry, I.E. Johnson, "Agricultural Extension Service in Jamaica", March 1979

1979 - 1980

No. III- 1 H.R. Henry, "Watersheds of Jamaica and Considerations for an Ordinal Scale of Their Development", July 1979

No. III- 2 IICA-MAJ "Hillside Farming in Jamaica", A Training Seminar December 1978

No. III- 3 A.L. Wright, A.H. Wahab, H.Murray, "Performance of Six Varieties of Red Peas (Phaseolus vulgaris L.) on a Newly Terraced Ultisol in Jamaica", September 1979

No. III- 4 IICA Jamaica Staff, "Agro-Socio-Economic Sample Survey of Allsides - Trelawny, Jamaica", September 1979

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INTRODUCTION

The Allsides Pilot area is 634 acres in size, and is located in the southern part of the Parish of Trelawny, northwest Jamaica, an area of precipitous hills and sudden depressions (See Appendix I, Maps I and II, also Appendix VI Table 26). However, soil type and distribution (See Appendix I Map 3) and favourable climate (Appendix II) allow for relatively successful cultivation of certain crops (See Appendix I Map 4).

The first priorities of the Ministry of Agriculture for the hilly areas of Jamaica (as identified by the Government) are to increase food production, provide employment, and improve the standard of living of the 'minifundia' farmers. As a result, the Government of Jamaica launched a soil conservation programme in which IICA cooperated since 1977 in the development of systems of production for newly terraced lands.

In the anxiety to change or improve existing conditions, sometimes the fact is overlooked that whenever humans are involved the situation is complex and extremely sensitive, because it implies cultural change. As Hirsch points out in his work Some Cultural Variables in Institution Building Theory "when the theoretical formulations of institution building are applied, cultural variables that affect it in any given location must be considered". It is, therefore, imperative that before implementation of policies of change, a thorough study of the people to be involved, and a study of factors affecting their life style and system of production be done and used as guidelines in choosing strategies of approach and methods of implementation.

This survey of the farmers in Allsides, their farming practices, living conditions, cultural habits, and economics may be used to test the socio-economic viability of farming systems developed, especially for this specific area.

INTRODUCTION Cont/d

In order to comply with the priorities set forth by the Government of Jamaica as expressed in the second paragraph above, it is necessary to provide the background information which will allow the preparation of more and bigger food production and soil conservation programmes for the hillsides of Jamaica.

The agro-socio-economic sample survey of Allsides provides an up-to-date information on farming, social conditions, costs and benefits. This information will be basic for planners, analysists, and implementers of hillside projects. It is hoped that these types of surveys will be extended to other hillside areas around Allsides, as well as in other parishes of the Island.

Mais hacienda

The preparation of this work has included the patient and dedicated assistance from Mr. Roy Russell and other personnel of the Data Bank and Evaluation Unit of the Ministry of Agriculture, as well as of Jennifer Scott, and the IICA Jamaica staff who have dedicated their time and effort for its completion, to all of them we give our thanks.

The addition of this publication to the collection of papers "Agriculture in Jamaica" is greatly welcomed.

Percy Aitken-Soux
Director
IICA Jamaica

[illegible]

METHODOLOGY

A frame of the Universe of farmers was obtained. This Universe comprised 233 farmers as listed by the surveyors, and as registered by the Lands Office of Christiana.

The Universe frame was structified by size of holding (in acres) as follows:

Table 1

Size of Holding (Acres)	Number of Farmers
0.5 - Under 1	20
1 - Under 2	63
2 - Under 5	95
5 - Under 10	11
10 - Under 20	2
20 - Under 50	-
50 +	-
Not stated	42
	233

A sample was drawn from the Universe. The sample was proportional, stratified, and randomly chosen within thestratified sub-sample. The sample was weighted by size, group, homogeneity and the weight by strata for the final sample was determined. The sample was done as follows:

Table 2

Acreage Size Group	No. of Farmers	%	Sampling Fraction	Sample Size	Actual Adjusted Sample Size	Sample Weight
½ - Under 2	83	35.6	1/5	17	14	6.01%
2 - Under 5	95	40.8	1/5	19	15	6.4 %
5 - Under 10	11 } 13	5.6	1/1	13	9	3.8 %
10 +	2 }				2	0.9 %
Not Stated	42	18.0	1/2	21	19	8.2 %
	233	100.0		70	59	25.3 %

The farmers interviewed are listed in the sample frame (Appendix V). Eleven questionnaires were voided for inconsistencies and errors.

A questionnaire was previously used by the Data Bank and Evaluation Division of the Ministry of Agriculture in the Pindars River, Two Meetings area was adopted and modified for use in the survey (see Appendix IV). Data collected from interviews with farm families were weighted and hence tabulations were prepared (See Appendix VI) with a total of 207 tables.

The designing and modification of the questionnaire, and the training of the enumerators were done by the officers of the Data Bank and Evaluation Division, and personnel of the IICA Jamaica office. Additional clerical staff was recruited with the assistance of the Data Bank and Evaluation Division and paid by IICA. This personnel was used in coding and tabulating.

A highlight analysis was made after careful study of the tables. Relevant available literature was revised for a better understanding of the problem.

ANALYSIS

Background

Until the early 19th century, agriculture in Jamaica was essentially sugar-cane on prime agricultural land, under the plantation system using cheap labour provided by slaves. Emancipation led to the event of the negro small farmers who, now free men, moved away from the plantations to the only available place for them to settle - the hilly crown lands surrounding the flat low-lying plains of sugar cane plantations or to the backlands of large plantations on which they had squatted effectively undisturbed for varying periods. The new free men would produce food for their domestic consumption, engaging in a variety of crop cultivation, and livestock production in small quantities. The surplus of their production would be disposed of in a nearby market. As time went by, more holdings were established at varying distances from the market place. The resulting marketing inconvenience was soon alleviated by higglers (mini-brokers) who eventually established themselves as a link between producer and consumer, serving and exploiting both. The higgler would buy from the farmers at farmgate prices, and sell the produce in market places to the consumer or in some cases wholesale to other higglers who would retail the produce in town markets.

Slaves were brought from the African continent, and in the interest of the masters, they were not allowed to practice their indigenous cultural habits. In regard to family organization they were forced to mate for the replenishment of the cheap labour force, a breeding system was maintained; sentimental relationships were discouraged. However, in the pre-emancipation period some attempt was made at acculturization - the slaves were taught to read and write English, they were taught the christian religion, and other aspects of the Masters' culture. The post emancipation period saw a carry-over of the adopted values It should not be surprising, therefore, that today there is a high proportion of common law marriages, matriarch family units, family units sired by more than one man, more than one family unit sired by one man, and family units fathered by mothers and/or grandmothers.

As the farmers became educated they tended to adopt more the cultural values of their former masters. This is logical because they attended learning institutions patterned after Europe.

There has been much migration from the rural to the urban areas and countries abroad, Among the reasons we can quote are: more attractive incomes; enjoying better standard of living. Paradoxically, this standard of living, although much better than that which they obtained at home in Jamaica, placed them in the role of third and fourth class citizens in the countries to which most of them had migrated, largely as unskilled workers.

The different cross tabulations show many facts of the lives of the Allsides farmers, but certainly they are not complete. Nonetheless the Tables serve as a firm benchwork on the socio-agro-economic background of the area.

HIGHLIGHTS OF TABULATIONS

(i) GENERAL CONDITIONS

Tables 1 to 4C

Tenure

33% of the farmers control holdings 0.5 to less than 2 acres in size
55% " " " " " 2 " " " 5 " " "
11% " " " " " 5 " " " 10 " " "
1% " " " " " more than 10 acres in size

Age and Family

21% of the farmers are less than 40 years old
56% " " " " 40 to less than 60 years old
23% " " " " 60 years and older
58% " " " " less than 20 years old
The average family size is 6

Maritial Status

50% of the farmers are lawfully wed
21% " " " " common-law wed
Tables 141 to 163 show that the female spouse plays an important part in decision making on the farm

Education Tables 5 and 6

13% of the farmers are illiterate
Those who are literate have had only primary education
9% of the dependents have had secondary education
2% of the dependents have had vocational training
For 87% of all farmers the highest level of educational attainment is that of a primary literate

Housing and Household Facilities Tables 84 to 104

67% of the dwellings are separate houses
87% of the dwellings are owned
31% of the dwellings are of wooden outer walls
27% of the dwellings are 20 years old and over
34% of the dwellings have only two rooms

Tables 105 to 111

No household has water pipes

72% of the household have natural springs as their source of water supply. (Limestone topography is noted for springs, sink-holes, disappearing and reappearing streams.)

23% of the households are provided with electricity

All toilets in the area are pit toilets

3% of the household share toilet facilities

5% of the household have no toilet facilities

Participation at Community Level — Tables 80 to 83

As much as 46% of the farmers have not attained membership in any Farm or Community Organization.

(ii) FARMING PRACTICES

Crops — Table 25

38% of the acreage is in purestand

34% of the acreage is in mixed stand

8% of the acreage is in food forest

5% of the acreage is in ruinate

10% of the acreage lies fallow

5% of the acreage is otherwise occupied

Livestock — There is no pasture. (Animals are put on the fallow or ruinate lands or by the roadside. Smaller stock may be put in folds.) Major crops reported are yams, peas and bananas.

Reported Crops & Livestock — Livestock reported are cattle, pigs, goats and poultry. It should be noted that although goats do well on hilly terrain and cheap food, only 15% of the farmers have goats, and none of the farmers within the range 0.5 to less than 2 acres (See Appendix VI Tables 33 to 36). The advantage of goats not being choosy about what they eat becomes a disadvantage to the farmer because they eat and destroy and plunder the crops grown for commercial purposes.

Soil Conservation — Table 28

56% of the farmers have not terraced their farms, and of these
7% are willing to terrace unconditionally
34%are willing to terrace if it is likely to be beneficial to them
59% are not willing to terrace:, these apparently prefer their traditional way of cultivating along slope, which allows for quick run off of rain water.

Source of Information — Tables 76 to 79

74% of the farmers use the MacDonald Almanac (An astrological publication) as their source of information. None of them gain information from Agricultural Extension officers, field days, or community associations.

Employment — Tables 66 to 75

17% of the farmers engage in off-farm employment but for only one quarter

(iii) ECONOMIC ASPECTS

Property — Table 24

17% of the land is owned by the farmers
67% of the land is leased or rented (See Appendix III)
There will most definitely be an element of insecurity and consequently farmers will not want to invest heavily.

Labour — Tables 58 to 61

Labour is difficult to obtain, however,
Tables 7A and 7B
92% of the male dependents, and
53% of the female dependents who are 15 years and older
are unemployed and willing to work.

Capital — Tables 128 to 130

Low farm gate price is a major problem

·Lack of sufficient capital is a major problem

Tables 40 to 57 indicate that working capital is a major constraint to improved agricultural practices mainly because of the belief that interest rates on loans are too high.

Marketing of Farm Products — Tables 31A, 31B and 31C

Although the Agricultural Marketing Corporation (AMC) was instituted to improve marketing conditions, transactions with higglers have by far outweighted those with the Corporation. This may be partially explained by the fact that the AMC link cannot provide the intimate atmosphere that the higglers' effort as well as that which the higgler allows for better bargaining and as a result, more lucrative prices.

Labour Efficiency — Tables 62 to 65

Low efficiency is one of the main problems of labour, and although one may question the competence of the farmers themselves as entrepreneures economic efficiency should be defined within the restrictions of the factors at the disposal of the people or the level of the

Under simplified conditions observed poverty is not a consequence of any significant inefficiences in productivity or factor allocation (See Shultz, Transformy Traditional Agriculture)

Decision Making — Tables 141 to 163

Spouses play an important part in decision making on the farm. Common law wives being more important in decision making than married wives.

(iv) ATTITUDES

Highest Need — Tables 131 to 135 show possible ways of achieving an improved standard of living, placed in order of importance by the farmers (See Appendix IV, question 40 of Questionnaire).

(a) Better prices for their farm produce

(b) More finance

(c) Better homes provided

are the first priorities

(d) More organized training of farmers

(e) Health clinics

(f) More schools

(g) Assistance in soil conservation was not considered of immediate importance by any of the farmers

Aspirations for Training — Tables 124 to 127

50% of the farmers are interested in improving their skills through formal training

5% of the farmers are not interested

42% of the farmers do not think formal training is necessary to improve their skills

3% of the farmers do not know if formal training is necessary

As mentioned before, 59% of the farmers are not willing to terrace (See third paragraph re farming practices).

Tables 118 to 123

93% of the farmers indicate that opportunity to maximise income would effect change.

APPENDIX I

Maps

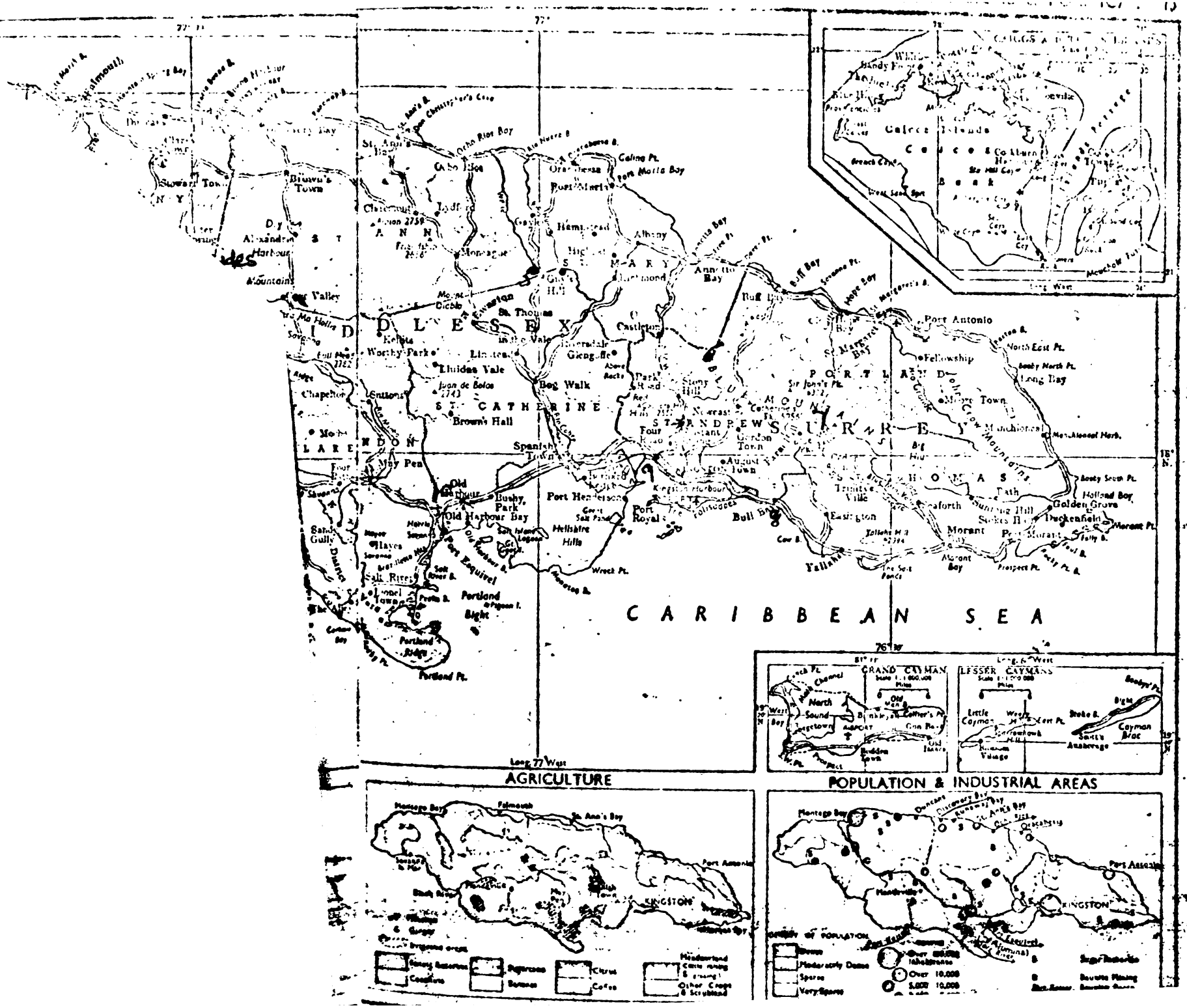
(1) Jamaica: Physical and Political

(2) Allsides: Slope Category

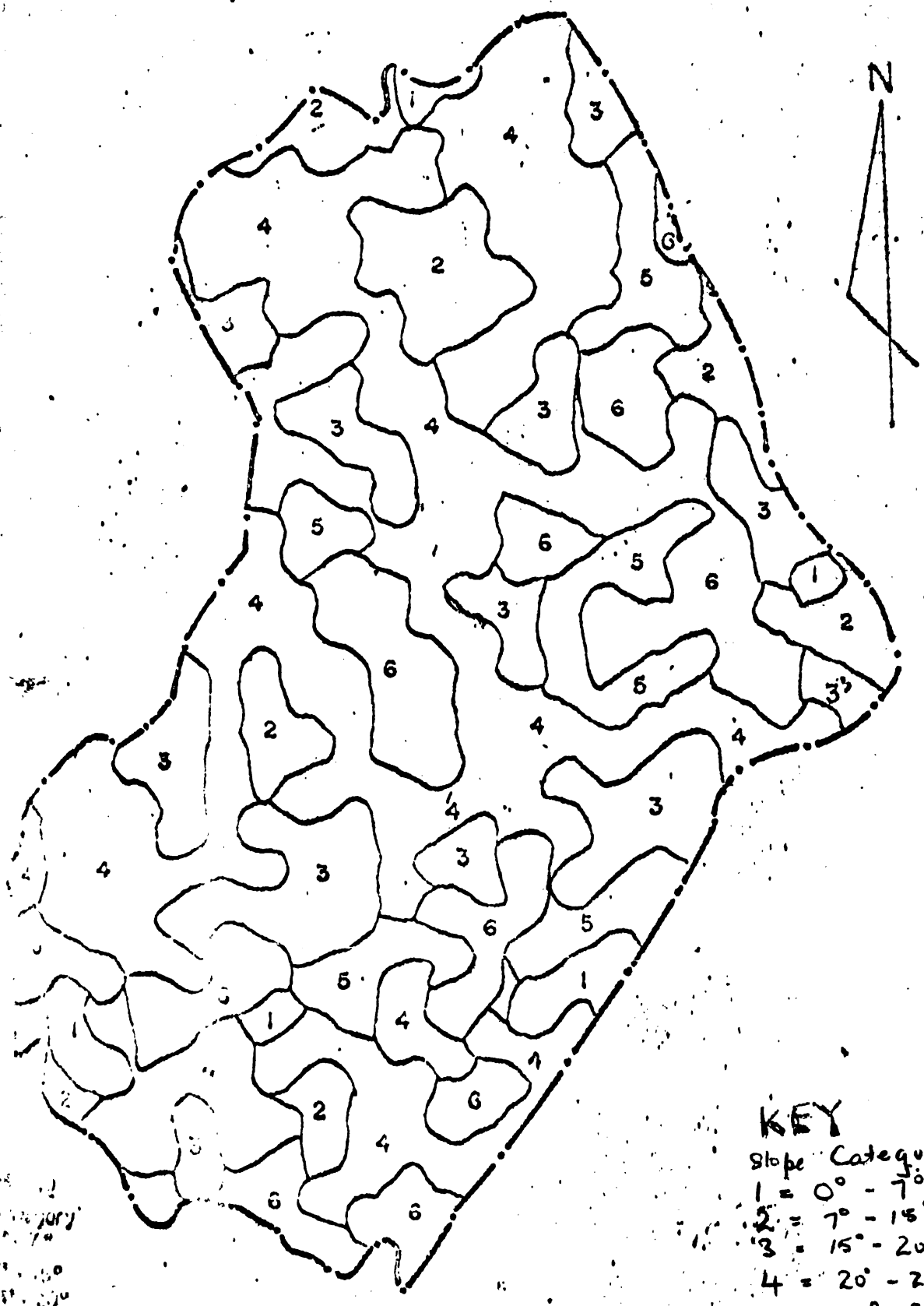
(3) Allsides: Soil

(4) Allsides: Land Capability


CARIBBEAN SEA
ST. ANN
ST. MARY
ST. ANDREW
ST. THOMAS
PORTLAND
ST. CATHERINE
CLARENDON
MANCHESTER
ST. ELIZABETH
WESTMORELAND
HANOVER
ST. JAMES
TRELAWNY
Kingston
Port Antonio
Montego Bay
Falmouth
Mandeville
Savanna-la-Mar
Morant Bay
Port Royal
Bull Bay
Yallahs
Portland Ridge
Portland Pt.
Long. 77 West
Long. 76 West
GRAND CAYMAN
LESSER CAYMANS
Little Cayman
Cayman Brac
AGRICULTURE
POPULATION & INDUSTRIAL AREAS
Sugarcane
Bananas
Citrus
Coffee
Other Crops & Scrubland
Over 10,000
5,000 10,000


CARIBBEAN SEA
CLARENDON
ST. ANN
ST. MARY
ST. CATHERINE
ST. ANDREW
PORTLAND
ST. THOMAS
Kingston
Port Antonio
Morant Bay
Port Royal
Port Henderson
Old Harbour
Portland Bight
Portland Ridge
Portland Pt.
Long. 77° West
Long. 76° West
GRAND CAYMAN
LESSER CAYMANS
Cayman Brac
Little Cayman
AGRICULTURE
POPULATION & INDUSTRIAL AREAS

SLOPE CATEGORY MAP
Allsides Property Demonstration Area

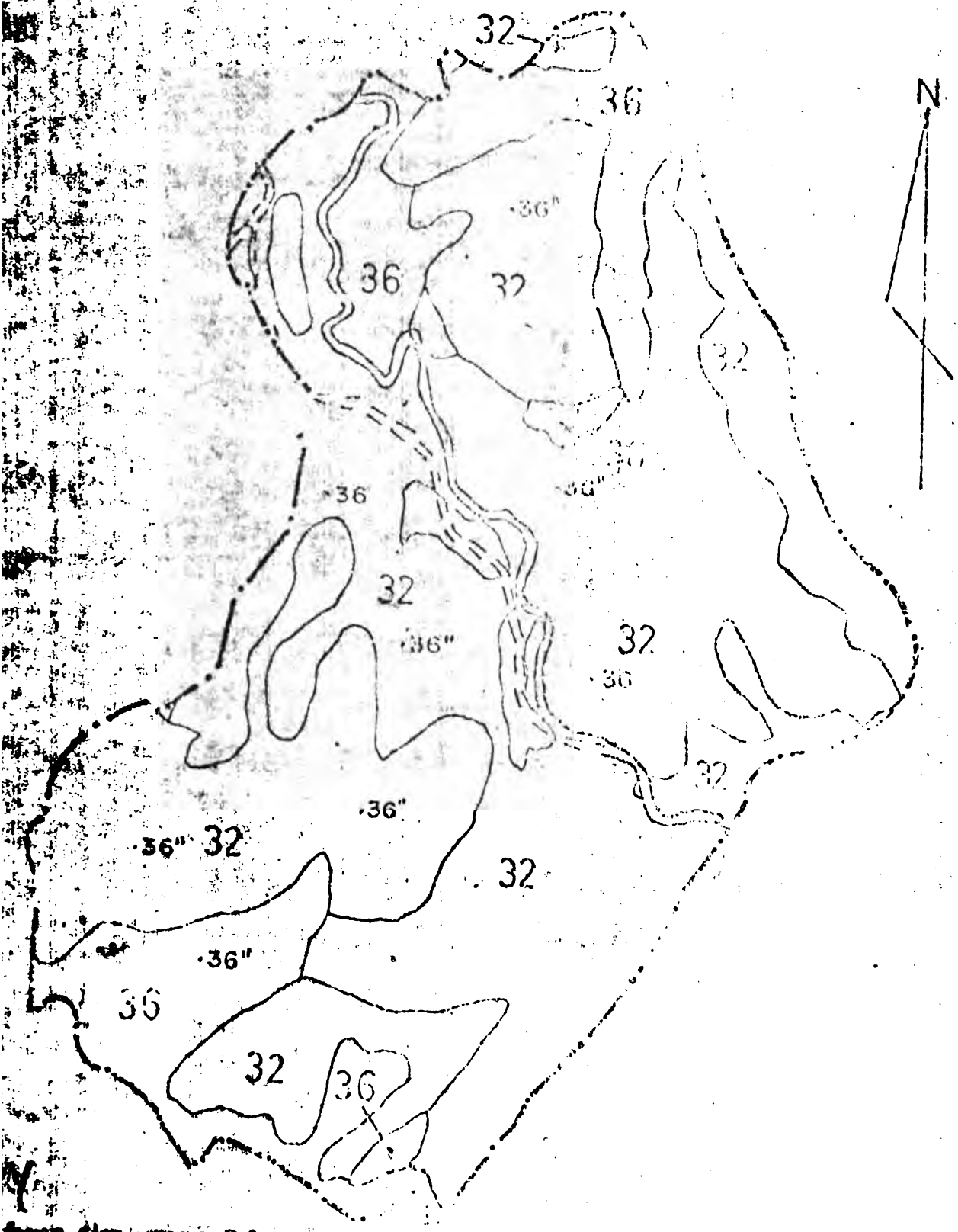


KEY
Slope Category
1 = 0° - 7°
2 = 7° - 15°
3 = 15° - 20°
4 = 20° - 25°
5 = 25° - 30°
6 = > 30°

SCALE: 1:12,500

SOIL MAP

Allsides Property Demonstration Area



Y

Sandy Clay Loam = 32

SCALE 1:12,500

Gravelly Loam = 33

LAND CAPABILITY MAP
Allsides Property Demonstration Area

KEY

Cultivable Land 1
" " 2
" " 3
" " 4

Fruit Trees
F - forest

APPENDIX II

Climatic Data and Water Balance

APPENDIX - II

ALLSIDES CLIMATIC DATA AND WATER BALANCE

Altitude - 2250. ft.
Latitude - 18° W 15′ 42″
Longitude - 77° W 33′ 35″

AVERAGES FOR 1972 AND 1973

	Jan.	Feb.	March	April	May	June	July	Aug	Sept.	Oct.	Nov.	Dec.
Rainfall, ins.	3	2.82	6.92	8.44	10.06	7.36	8.81	9.42	7.14	13.02	6.47	4.94
Pan A evaporation, ins.	(5.0)	(5.5)	6.36	7.5	(7.00)	7.35	8.06	6.51	6.3	4.96	5.10	4.5
Atmospheric water balance, ins.	-2	-2.68	+0.56	0.94	3.06	0.01	0.45	2.73	0.84	8.06	1.37	+0.54
Sunshine hours			6.1	6.9	7.5	5.4	6.0	6.7	6.8	6.1	6.4	6.3
Relative humidity 7am, %	93	91	90	88	85	84	84	84	78	83	86	92
Mean max. t, °F		76.7	79.2	79.9	80.6	81.9	83.5	82.9	82.8	82	80	76.6
Mean min. t, °F		64.6	61.7	63.4	64.5	65.2	65.3	65.0	66.6	65.[illegible]	63.8	61.2

APPENDIX III

Tenancy Agreement

PROJECT LAND-LEASE

TENANCY AGREEMENT

THE COMMISSIONER OF LANDS (hereinafter referred to as "the Landlord"), being entitled under an instrument of lease made the _____ day of _____ between _____ and the Landlord the property known as _____ in the Parish of _____ hereby lets to _____ of _____ (hereinafter referred to as "the Tenant") approximately _____ acres of land being Lot No. part of the said property (hereinafter called "the holding") upon the following terms and conditions :–

1. The Tenancy shall be for a period of _____ years commencing from _____
2. The rent shall be $_____ per acre per annum payable in advance.
3. The rent shall be recoverable at any time after the same becomes due and payable by action or distress.
4. THE TENANT AGREES :–

(a) Not to plant or reap crops without the prior consent of the Landlord his representatives and agents.

(b) To use the holding solely for the cultivating of such crops as agreed between the Landlord his representatives and agents and the Tenant.

(c) To manage, cultivate and manure the holding in a good and husbandlike manner and in accordance with the best methods of farming used in the district, so as to keep the holding at all times in good condition and not to allow any part to become impoverished, and in any event comply with the instructions given by the Landlord his representatives and agents.

(d) Not to cut down, remove, injure or destroy any economic tree, prescribed tree, (as such terms are defined in the Agricultral Small Holdings Act) hardwood, timber, fruit-tree, berry-tree or shade tree.

(e) Not to erect any house or building of any kind on the holding except such temporary shelters as may be required while carrying on cultivation on the holding and which shall be removed by the Tenant at his expense on the expiry of the tenancy.

(f) Not to expand his occupation or cultivation beyond the boundaries of the holding.

(g) Not to assign this Agreement nor to sublet any part of the holding without the previous consent in writing of the Landlord.

(h) To maintain the boundary marks in proper order and to replace the same if necessary.

(i) To erect and maintain such fences as may be necessary to prevent any stock straying from the holding.

(j) Not to trespass on any part of the adjoining property by making or using tracks through it other than the roads or paths allowed to the Tenant to gain access to the holding.

(k) Not to make charcoal nor set fire on the holding nor cause any nuisance on the holding to the Landlord or any tenants or adjacent occupant.

(l) To keep in good order, repair and condition boundary and other walls, fences and gates and not to remove any fences or alter boundaries or land-marks.

(m) To keep in working order all ditches, gutters, drains, ponds, wells, springs and water-courses and to prevent the same from being diverted.

(n) Not to commit or permit waste or spoil of any part of the holding.

(o) To permit the Landlord his representatives and agents to inspect the holding at all reasonable times.

(p) The Landlord hereby [illegible] to remove any structures or services of greatest value on the holding since the tenancy is temporary in nature.

(q) To yield up the holding at the end of the tenancy in such a state that shall be in compliance in all respects with the stipulations herein contained.

(r) The tenant being an infant hereby agrees and confirms that this Agreement is entered into for his benefit and well-being.

6. That the [illegible] of the [illegible] Covenant contained shall peaceably hold and enjoy the holding without any interruption by the Landlord [illegible] AGENCY.

(b) [illegible] under Section 75 (1) 2 (b) of the Agricultural Small Holdings Act [illegible] by [illegible] from [illegible] the Tenant by the Landlord to quit and [illegible] the holding with effect from 3 years from the date thereof.

(c) The tenancy may be terminated at any time by the Landlord WITHOUT NOTICE if the Tenant fails to comply with or observe any of the conditions herein contained.

(d) No forbearance on the part of the Landlord in enforcing any right or remedy arising out of this Agreement shall operate as a general waiver of such right or remedy or the right to enforce the same.

SIGNED by)

THE COMMISSIONER OF)

LANDS in the presence of:)

Witness

SIGNED by the said Tenant

in the presence of:-

Witness

THE COMMISSIONER OF LANDS:

Landlord

Tenant

Date

APPENDIX IV

Survey Questionnaire

APPENDIX IV

SURVEY OF FARMERS IN ALLSIDES - TRELAWNY

(Februrry / March 1978)

(1) Name of Farmer: .....

(2) Address of Farmer: :::::.....

(3) Marital/Union Status

1 [ ] Single 2 [ ] Married 3 [ ] Widowed

4 [ ] Divorced 5 [ ] Common Law 6 [ ] Not Stated

(4) Number of Dependents on Farm, Relationship to Farmer, Age, Educational Attainment.

Dependent Number	Relationship to Farmer	Age last Birthday	Sex	Highest Level of Educational Attainment	Assistance on Farm	Main 2 occupation	No. of yrs. experience in Farming
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

* If more than 12 dependents, state total number here: .....

1

Educational Codes

1. Primary - cannot read or write
2. Primary - can read and write
3. JAMAL
4. Secondary
5. Vocational
6. Other
7. Not stated

2

OCCupational Codes

1. Farmer
2. Fulltime housewife and not willing to accept other employment.
3. Fulltime housewife but willing to accept other employment if available.
4. Farm Labourer
5. 'Other' labourer
6. 'Other' employed
7. Not stated
8. Unemployed and willing to work
9. Un employed and not will-

5. **Land Tenture** — Acres

5.1 owned _____

5.2 Rented In/Leased In _____

5.3 Other Operated (Rent free, etc.) _____

5.4 Less Rented Out/ Leased Out _____

5.5 NET ACREAGE OPERATED _____

6. **LAND UTILIZATION** — ACRES

6.1 Crops in Pure Stand _____

6.2 Crops in Mixed Stand _____

6.3 Food Forest _____

6.4 Permanent Pasture/Grazing Land _____

6.5 Ruinate _____

6.6 Fallow _____

6.7 Other Land (roadways, building sites uncultivable etc) _____

6.8 Total (compare with 5.5)

7. **Slope Category** — Acres

7.1 0^0 -2^0 _____

7.2 2^0 -5^0 _____

7.3 5^0 - 10^0 _____

7.4 10^0 -20^0

7.5 20^0

7.6

7.7

8.

10. CROPS HARVESTED LAST YEAR (1977)

Legumes and Vegetables	Date Planted	Date Harvested	Area Harvested (state unit)	Total Production (state units)	Average price per Unit (farm Gate)	Use of Chemical Fertilizer	Use of Insecticide Fungicide	Major Market Outlet

11. CROPS HARVESTED LAST YEAR (1977)

ots, Tubers ther Cultivated rees, Plants	Date Planted	Date Harvested	Area Harvested (state units)	Total Production (state units)	Average price per unit Farm Gate	Use of Chemical Fertilizer	Use of Insecti- Fungicide	Major Market Outlet

stock	No. of animals on Farm	Value of animals now on Farm	Animals Purchased last year (2)		Animals born during last year (3)		Animals on Farm in January 1977 (4)		Animals died last Year (5)		Animals sold (or Given away) last year (6)	
			No.	Value	No.	Value	No.	Value	No.	Value	No.	Value
Yrs. +)												
Yrs. -)												
draft etc.)												
ks.+)												
ks.												

Animal Products produced last year

PRODUCT	Production		Average Price per unit
	Unit	Quantity	
Milk sold to Condensary or given away			
Milk consumed from Farm			
Milk sold locally			
Total Milk Produced			
Egg consumed from Farm			
Eggs sold from Farm			
Total eggs Produced			

14. Farm Credit.

From which Lending Agency do you get most of your Farm Credit?

1 ☐ Farmers Bank 2 ☐ ACF 3 ☐ JDB (FSSDP) 4 ☐ JDB (Other)

5 ☐ Commercial Bank 6 ☐ Bona 7 ☐ other (specify).....

.....

15. What was the total amount borrowed for farming purposes last year? $_____

16. Was the amount borrowed (ques. 15) adequate for your farming needs? 1 Yes 2 No

17. What is your attitude towards Farm Credit?

1 ☐ Could'nt farm without credit

2 ☐ Interest rate is too high

3 ☐ Cannot get loan when it is most needed

4 ☐ Repayment period is too short

5 ☐ Too much security is required

6 Not interested in farm loans

7 ☐ Other (specify).....

8 ☐ Not stated

IF NOT INTERESTed (17.6) - ASK - Otherwise, skip to 19

18. Why are you not interested in Farm Credit?

1 [ ] Farming is to risky

2 [ ] I can finance myself

3 [ ] I don't like to borrow money

4 [ ] Too much red-tape

5 [ ] My farming operation is too small

6 [ ] Don't know

7 [ ] Other (specify) .....

19. If Farm Credit Terms were satisfactory to you, how much would you borrow? $ _____

FARM LABOUR

20. How would you describe the availability of Farm Labour in your area?

1	Readily Available	2	Available only at certain period of year.
3	Difficult to obtain		
5	Other (specify).....4		Unavailable from area
	.....	6	Not stated.

21. What are the problems (at most 3) that you encounter with the farm labour that is available to you?

N.B. Indicate order of Magnitude of 3 problems

1	Efficency is low	2	Wage demands too high
3	Labour is unskilled	4	Labour is not dependable
5	None	6	Do not need Labour
7	Other (specify	8	Not stated.

OFF FARM EMPLOYMENT

22. How many months (or month equivalents) were you engaged in Off-Farm paid employment during 1977? .....

23. How many months(ormonth equivalents) were you available for Off-Farm paid employment during 1977? .....

24. What months (if any) of the year are you normally available for paid Off-Farm employment? .....

Agricultural Information

25. Where do you obtain information about Farming?

1 [ ] Agricultural Extension Officers 2 [ ] Radio

3 [ ] TV 4 [ ] AIS 5 [ ] Farmers Training Centre

6 [ ] McDonald Almanac 7 [ ] Other Farmers

8 [ ] Newspapers 9 [ ] JAS Meetings 10 [ ] Field Days

11 [ ] Commodity Associations 12 [ ] Other .....

.....

Farm/ Community Organizations

26 Are you a member of any of the following Farm/Community Organizations?

1 [ ] JAS 2 [ ] JLA 3 [ ] AIBGA

4 [ ] AICFA 5 4-H Club 5 [ ] Cooperative Society

7 [ ] Church Groups 8 [ ] Sports Club

9 [ ] Day for day cooperative 10 [ ] Farmers Bank

11 [ ] None 12 [ ] Other (specify) .....

Housing

27. Type of Dwelling

1 [ ] Seperate House 2 [ ] Apartment

3 [ ] Out room 4 [ ] Part of commercial building

5 [ ] Other private 6 [ ] Not stated 7 [ ] Other (specify).....

.....

28. Type of Tenure

1 [ ] Owned 2 [ ] Leased 3 [ ] Rented

4 [ ] Rent Free 5 [ ] Other

6 [ ] Not stated

29. Age of Dwelling

1 [ ] 1 yr. or less 2 [ ] 1 - / 3 yrs. 3 [ ] 3 - / 5 yrs.

4 [ ] 5 - / 10 yrs. 5 [ ] 10 - / 20 yrs. 6 [ ] 20 yrs. or older.

30. Number of Rooms

1 [ ] one 2 [ ] Two 3 [ ] Three

4 [ ] Four or more 5 [ ] Not stated.

31. **Material of Outer Walls**

1 [ ] Block and Steel 2 [ ] Reinforced concrete

3 [ ] Concrete nog 4 [ ] Wood 5 Wattle and daub

6 [ ] Zinc of Aluminum 7 [ ] Other (specify).....

32 **Condition of Dwelling**

1 [ ] Good 2 [ ] Fair 3 [ ] Poor

33 **Toilet Facilities**

1 [ ] Shared 2 [ ] Not shared 3 [ ] None

4 [ ] Pit 5 [ ] Water closet 6 [ ] Other (specify)....

.....

34. **Water Supply**

1 [ ] Public piped to yard/ dwelling

2 [ ] Private piped to yard/dwelling

3 [ ] Public Stand pipe

4 [ ] Private catchment (not piped)

5 [ ] Public Tank

6 [ ] Not stated

7 [ ] Other (specify) .....

35 **Electricity**

1 [ ] JPS to dwelling

2 [ ] JPS to road

3 [ ] Private delco/ generator

4 [ ] None

5 [ ] Other (specify) .....

36. **Attitude to change**

Would you change your farming practices if you were advised to do so?

1 [ ] Yes 2 [ ] No 3 [ ] Don't know

37. What are the factors that would influence you to change your farming

46. What is the highest level of farm training that your spouse had?

1 One-day training session (e.g. "field days").

2 Courses offered by Training Division of the Ministry of Agriculture.

3 One-farm training (i.e experience gained on farm)

4 Long-term formal training (e.g. J. S. A., Practical Training Centres etc.)

5 Other (specify) .....

COMMENTS BY ENUMERATOR

(Include the degree of cooperation received relevant explanations, any unilateral decision that you had to take etc.) Also indicate the existence and extent of any land operated by the farmer outside the survey area.

.....
Signature of Enumerator

.....
Date of Enumeration

.....
Signature of Surpervisor

APPENDIX V

Sample Frame
(List of Farmers)

Appendix V

DWELLING		HOUSEHOLD NUMBER	NAME OF FARMERS	ACREAGE OPERATED
Sample No.	Number			
1	2	1	Vernold Fairclough	5
2	4	1	Gladstone Carter	7
3	5	1	Winston Rankin	5½
4	7	2	Lesley Hills	2
5	8	2	Ferdinand Smith	5
6	11	1	Ucel Carter	½
7	12	1	Jerrol Ferguson	3
8	18	1	Joshua Smith	10
9	18	2	Raymond Smith	3
10	19	1	Vincent Peart	3
11	20	1	Eric Smith	1
12	21	1	Neville Jackson	10
13	27	1	Burnell Graham	2
14	33	1	Richard Henry	3
15	38	1	Jaslin Roach	3
16	39	1	Ruben Cole	5
17	44	1	Daisy Rose	3
18	51	1	Roy McLean	2
19	55	1	Samuel Blake	1¼
20	59	1	Dudley Rankin	2
21	64	1	Richard Rowe	1
22	66	1	Maud White	2
23	72	1	Berresford Taylor	3
24	76	1	George Williams	½
25	78	2	Anthony Peart	2
26	82	1	Errol Baker	4
27	29	1	Son Fry	Not stated
28	86	1	Burn Guy	Not stated

Appendix V cont'd.

Dwelling Sample No.	Dwelling Number	Household Number	Name of Farmer	Acreage Operated
29	91	1	Samuel Daley	1½
30	92	1	Theopalous Archer	2
31	95	1	Martel Napier	Not stated
32	100	1	Adrian Nelson	1
33	108	1	Amos Isaacs	1
34	109	1	Allando Williams	2
35	113	1	Alphonso Forbes	1
36	119	1	Ayoub Williams	5
37	121	1	Vincent Brown	NS
38	123	1	Wilfred Dempster	NS
39	125	1	Fraser Ferguson	NS
40	127	1	Adeltine Fullerton	NS
41	129	1	George Pinglin	NS
42	131	1	Barrington Rankin	NS
43	133	1	Reginald Gordon	NS
44	135	1	Uriah Ecelston	NS
45	137	1	Maudel Cunningham	NS
46	139	1	David Shirley	NS
47	141	1	Jaslin Lewis	3
48	142	1	Claudie Fagan	1½
49	147	1	Christie Galimore	NS
50	149	1	Gladdis Binns	NS
51	151	1	Beatrice Smith	NS
52	153	1	Berrisford Gordon	NS
53	154	2	Reginald Cunningham	NS
54	156	1	Roy Cunningham	NS
55	157	1	Lena Colman	5
56	159	1	Everett Williams	6
57	160	1	Roy Napier	1½
58	160	1	Clarence Napier	5
59	164	1	Cyrus Rowe	6
60	167	1	Laurel Barnett	1½
61	173	1	Walter Williams	NS

Dwelling Sample No.	Dwelling Number	House hold Number	Name of Farmer	Acreage Operated
62	177	1	Archiluis Buckle	2
63	180	1	Cole Steele	1½
64	186	1	Ferdinand Richards	1
65	189	1	Roy Dennis	½
66	195	1	Stanley Virgo	3
67	197	1	Ruben Brown	3/4
68	203	1	Donald McLean	1½
69	208	1	Reaver Uter	2
70	210	1	Winty Francis	NS

APPENDIX VI

Survey Tabulations

TABLE 1

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND MARITAL STATUS

Size Group of Farm (acres)	MARITAL STATUS					Total
	Single	Married	Widowed	Divorced	Common Law	
½ - / 2	3	28	8	6	32	77
2 - / 5	13	61	34	0	18	126
5 - / 10	2	24	0	0	0	26
10+	0	2	0	0	0	2
Total	18	11	42	6	50	231

TABLE 2

NUMBER OF FARMERS BY AGE GROUP AND MARITAL STATUS

Age Group of Farmers	MARITAL STATUS					Total
	Single	Married	Widowed	Divorced	Common Law	
Less than 20 years	0	0	0	0	0	0
20 to under 30 years	10	0	0	0	18	28
30 to under 40 years	0	9	0	0	12	21
40 to under 50 years	0	46	0	0	20	66
50 to under 60 years	6	35	15	6	0	62
60 yrs. or over	2	25	27	0	0	54
Total	18	115	42	6	50	231

TABLE 3A

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND AGE GROUP OF MALE DEPENDENTS

Size Group of Farm (acres)	Number of Farms	AGE GROUP OF DEPENDENTS (YEARS)					
		∠ 20	20 - ∠ 30	30 - ∠ 40	40 - ∠ 50	50 - ∠ 60	60+
½ - ∠ 2	77	62	18	0	0	0	0
2 - ∠ 5	126	86	11	0	0	0	6
5 - ∠ 10	26	22	2	1	0	0	0
10+	2	1	1	0	0	0	0
Total	231	171	32	1	0	0	6

TABLE 3B

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND AGE GROUP OF FEMALE DEPENDENTS

Size Group of Farm (Acres)	Number of Farms	AGE GROUP OF DEPENDENTS (YEARS)					
		/ 20	20 - / 30	30 - / 40	40 - / 50	50 - / 60	60 +
½ - / 2	77	60	18	20	30	8	2
2 - / 5	126	87	19	18	27	13	7
5 - / 10	26	21	13	1	14	5	1
10	2	1	1	0	1	1	0
Total	231	169	51	39	72	27	10

TABLE 3C

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND AGE GROUP OF MALE AND FEMALE DEPENDENTS

Size Group of Farm (acres)	Number of Farms	AGE GROUP OF DEPENDENTS (YEARS)					
		∠ 20	20 - ∠ 30	30 - ∠ 40	40 - ∠ 50	50 - ∠ 60	60+
½ - ∠ 2	77	122	36	20	30	8	2
2 - ∠ 5	126	173	30	18	27	13	13
5 - ∠ 10	26	43	15	2	14	5	1
10+	2	2	2	0	1	1	0
Total	231	340	83	40	72	27	16

TABLE 4A

NUMBER OF DEPENDENTS BY SIZE GROUP OF FARM AND AGE GROUP OF MALE DEPENDENTS

Size Group of Farm (acres)	Number of Farms	AGE GROUP OF DEPENDENTS (YEARS)						Total
		⩽ 20	20 - ⩽ 30	30 - ⩽ 40	40 - ⩽ 50	50-⩽ 60	60+	
½ - ⩽ 2	77	133	24	0	0	0	0	157
2 - ⩽ 5	126	196	13	0	0	0	6	215
5 - ⩽ 10	26	54	4	2	0	0	0	60
10+	2	4	2	0	0	0	0	6
Total	231	387	43	2	0	0	6	438

TABLE 4B

NUMBER OF DEPENDENTS BY SIZE GROUP OF FARM AND AGE GROUP OF FEMALE DEPENDENTS

Size Group Farm (acres)	Number of Farms	AGE GROUP OF DEPENDENTS (YEARS)						Total
		⩽ 20	20 - ⩽ 30	30 - ⩽ 40	40 - ⩽ 50	50 - ⩽ 60	60+	
½ - ⩽ 2	77	112	18	20	30	8	2	190
2 - ⩽ 5	126	190	21	18	26	13	12	280
5 - ⩽ 10	26	27	26	1	16	5	1	76
10+	2	1	1	0	1	1	0	4
Total	231	330	66	39	73	27	15	550

TABLE 4C

NUMBER OF DEPENDENTS BY SIZE GROUP OF FARM AND AGE GROUP OF MALE AND FEMALE DEPENDENTS

Size Group of Farm (acres)	Number of Farms	AGE GROUP OF DEPENDENTS (YEARS)						Total
		< 20	20 - < 30	30 - < 40	40 - < 50	50 - < 60	60+	
½ - < 2	77	245	42	20	30	8	2	349
2 - < 5	126	386	34	18	26	13	15	492
5 - < 10	26	81	30	3	16	5	1	137
10+	2	5	3	0	1	1	0	10
Total	231	717	109	41	73	27	21	988

TABLE 5

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND EDUCATIONAL ATTAINMENT

Size Group of Farm (acres)	EDUCATIONAL ATTAINMENT					Total
	Primary-Illit.	Primary-Lit.	Jamal	Secondary	Vocational	
½ - ∠ 2	1	76	0	0	0	77
2 - ∠ 5	26	100	0	0	0	126
5 - ∠ 10	1	25	0	0	0	26
10+	1	1	0	0	0	2
Total	29	202	0	0	0	231

TABLE 6 A

NUMBER OF DEPENDENTS BY SIZE GROUP OF FARM AND EDUCATIONAL ATTAINMENT OF MALE DEPENDENTS

Size Group of Farm (acres)	EDUCATIONAL GROUPS						Total
	Primary-Illit.	Primary-Lit.	Jamal	Secondary	Vocational	Not Started	
½ - / 2	0	91	0	20	0	48	159
2 - / 5	6	143	0	13	1	49	212
5 - / 10	0	23	0	16	13	9	61
10	0	6	0	0	0	0	6
Total	6	263	0	49	14	106	438

TABLE 6B

NUMBER OF DEPENDENTS BY SIZE GROUP OF FARM AND EDUCATIONAL ATTAINMENT OF FEMALE DEPENDENTS

Size Group of Farm (acres)	EDUCATIONAL GROUPS							Total
	Prim.- Illit.	Prim.- Lit.	Jamal	Secondary	Vocational	Other	Not Started	
½ - / 2	2	148	0	6	0	6	28	190
2 - / 5	0	201	0	32	0	6	41	280
5 - / 10	0	66	0	1	0	6	3	76
10+	0	2	0	1	1	0	0	4
Total	2	417	0	40	1	18	72	550

TABLE 6C

NUMBER OF DEPENDENTS BY SIZE GROUP OF FARM AND EDUCATIONAL ATTAINMENT

OF MALE AND FEMALE DEPENDENTS

Size Group of Farm (acres)	EDUCATIONAL GROUPS							Total
	Prim.-Illit.	Prim.-Lit	Jamal	Secondary	Vocational	Other	Not Started	
½ - / 2	2	239	0	26	0	6	76	349
2 - / 5	6	344	0	45	1	6	90	492
5 - / 10	0	89	0	17	13	6	12	137
10+	0	8	0	1	1	0	0	10
Total	8	680	0	89	15	18	178	988

TABLE 7A

EPENDENTS BY SIZE GROUP OF FARM AND MAIN OCCUPATION

MALE DEPENDENTS WHO ARE 15 YEARS AND OVER

OCCUPATIONAL GROUPS							Total
ife	Farm Labourer	Other Labourer	Other Employed	Not Stated	Unemployed willing to work	Unemployed not willing to work	
	0	0	0	0	32	0	32
	0	0	0	0	46	1	53
	0	0	0	0	26	2	28
	0	0	0	0	2	0	2
	0	0	0	0	106	3	115

TABLE 8A

NUMBER OF DEPENDENTS BY SIZE GROUP OF FARM AND EXPERIENCE IN FARMING OF MALE DEPENDENTS WHO ARE 15 YEARS AND OVER

Size Group of Farm (acres)	Number of Farms	EXPERIENCE IN FARMING						Total
		∠ 2 yrs.	2 - ∠ 5 yrs.	5 - ∠ 10 yrs.	10 - ∠ 20 yrs.	20 yrs. and over	No Response	
½ - ∠ 2	20	2	6	24	0	0	0	32
2 - ∠ 5	43	12	26	3	6	6	0	53
5 - ∠ 10	16	6	15	2	5	0	0	28
10+	1	0	0	2	0	0	0	2
Total	80	20	47	31	11	6	0	115

TABLE 8B

NUMBER OF DEPENDENTS BY SIZE GROUP OF FARM AND EXPERIENCE IN FARMING OF FEMALE DEPENDENTS WHO ARE 15 YEARS AND OVER

Size Group of Farm (acres)	Number of Farms	EXPERIENCE IN FARMING (YEARS)					Total
		< 2	2 - < 5	5 - < 10	10 - < 20	20+	
½ - < 2	63	12	0	18	20	40	90
2 - < 5	90	38	29	14	15	43	139
5 - < 10	24	3	15	25	3	21	67
10+	2	1	0	1	0	2	4
Total	179	54	44	58	38	106	300

TABLE 8C

NUMBER OF DEPENDENTS BY SIZE GROUP OF FARM BY SEX AND EXPERIENCE IN FARMING OF MALE AND FEMALE DEPENDENTS WHO ARE 15 YEARS AND OVER

Size Group of Farm (acres)	Number of Farms	EXPERIENCE IN FARMING (YEARS)					Total
		∠ 2	2 - ∠ 5	5 - ∠ 10	10 - ∠ 20	20+	
½ - ∠ 2	83	14	6	42	20	40	122
2 - ∠ 5	133	50	55	17	21	49	192
5 - ∠ 10	40	9	30	27	8	21	95
10+	3	1	0	3	0	2	6
Total	259	74	91	89	49	112	415

TABLE 9A

NUMBER OF DEPENDENTS BY SIZE GROUP OF FARM AND ASSISTANCE ON FARMS BY MALE DEPENDENTS

Size group of farm (acres)	Number of Farms	ASSISTANCE ON FARM GROUPS		Total
		Assist	Do Not Assist	
½ - / 2	77	30	2	32
2 - / 5	126	45	8	53
5 - / 10	26	28	0	28
10+	2	2	0	2
Total	231	105	10	115

TABLE 9B

NUMBER OF DEPENDENTS BY SIZE GROUP OF FARM AND ASSISTANCE ON FARMS BY FEMALE DEPENDENTS

Size Group of Farm (acres)	Number of Farms	ASSISTANCE ON FARM GROUPS		Total
		Assist	Do Not Assist	
½ - < 2	77	88	2	90
2 - < 5	126	116	23	139
5 - < 10	26	67	0	67
10+	2	4	0	4
Total	231	275	25	300

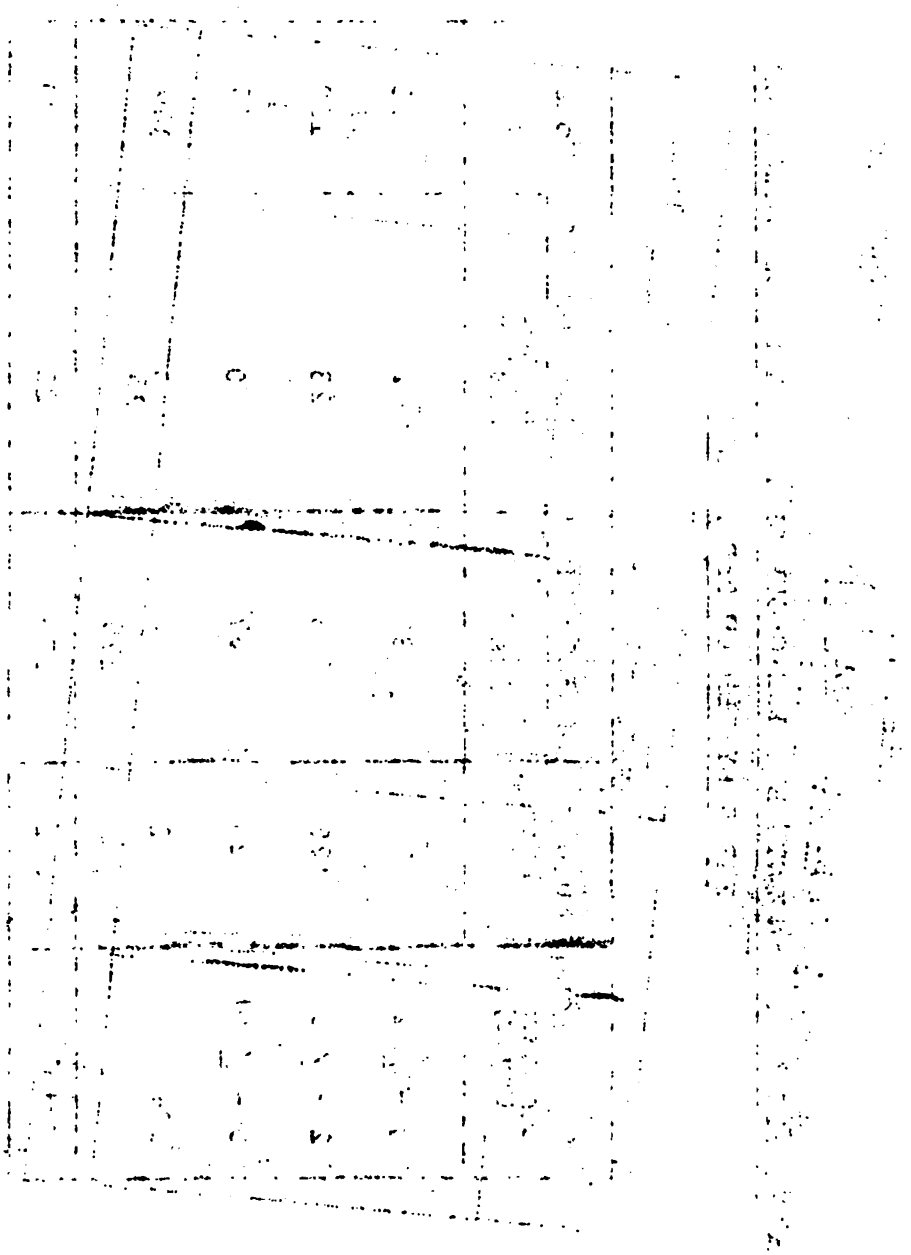


TABLE 9C

NUMBER OF DEPENDENTS BY SIZE GROUP OF FARM AND ASSISTANCE ON FARMS BY MALE AND FEMALE DEPENDENTS

Size Group of Farm (acres)	Number of Farms	ASSISTANCE ON FARM GROUPS		Total
		Assist	Do Not Assist	
½ - ∠ 2	77	118	4	122
2 - ∠ 5	126	161	31	192
5 - ∠ 10	26	95	0	95
10+	2	6	0	6
Total	231	380	35	415

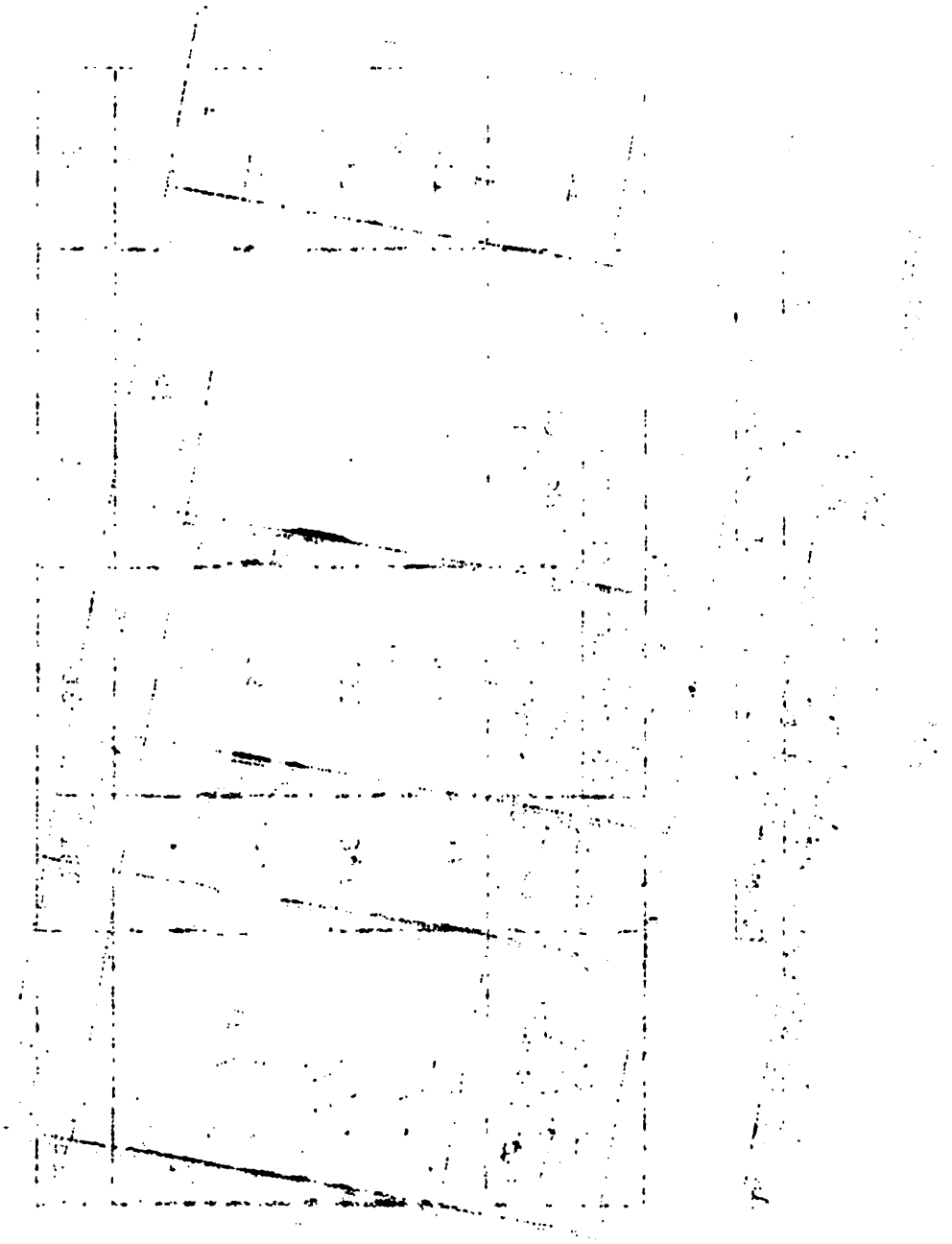


TABLE 10A

ALE DEPENDENTS BY EDUCATION, AND OCCUPATION IN THE SIZE GROUP

½ TO UNDER 2 ACRES

T I O N A L	G R O U P S					
arm urer	Other Labourer	Other Employed	Unemployed willing to work	Unemployed not willing to work	1 Other	Number of Dependents
	0	0	0	0	0	0
	0	0	24	0	67	91
	0	0	0	0	0	0
	0	0	6	0	14	20
	0	0	0	0	0	0
	0	0	0	0	48	48
	0	0	30	0	129	159

TABLE 11B

NUMBER OF FEMALE DEPENDENTS BY EDUCATION, AND OCCUPATION IN THE SIZE

GROUP 2 TO UNDER 5 ACRES

Educational Attainment	OCCUPATIONAL GROUPS							Number of Dependents
	Farmer	Housewife not willing to work	Housewife willing to work	Other Employed	Other	Unemployed willing to work	Unemployed not willing to work	
Primary-Illit.	0	0	0	0	0	0	0	0
Primary-Lit.	0	71	2	2	86	25	15	201
Secondary	0	0	0	0	6	26	0	32
Vocational	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	6	0	6
Not Started	0	0	0	0	41	0	0	41
Total	0	71	2	2	133	57	15	280

TABLE 11C

NUMBER OF MALE AND FEMALE DEPENDENTS BY EDUCATION, AND OCCUPATION IN THE SIZE GROUP 2 TO UNDER 5 ACRES

Educational Attainment	OCCUPATIONAL GROUPS							Number of Dependents
	Farmer	Housewife not willing to work	Housewife willing to work	Other Employed	Other	Unemployed willing to work	Unemployed not willing to work	
Primary-Illit.	6	0	0	0	0	0	0	6
Primary-Lit.	0	71	2	2	191	62	16	344
Secondary	0	0	0	0	14	31	0	45
Vocational	0	0	0	0	0	1	0	1
Other	0	0	0	0	0	6	0	6
Not Started	0	0	0	0	90	0	0	90
Total	6	71	2	2	295	100	16	492

TABLE 12A

NUMBER OF MALE DEPENDENTS BY EDUCATION, AND OCCUPATION IN THE SIZE GROUP 5 TO UNDER 10 ACRES

C U P A T I O N A L G R O U P S								Number of Dependents
ife ll-	Housewife willing to work	Farm Labourer	Other Labourer	Other Employed	Other	Unemployed willing to work	Unemployed not willing to work	
	0	0	0	0	0	0	0	0
	0	0	0	0	17	4	2	23
	0	0	0	0	0	0	0	0
	0	0	0	0	1	15	0	16
	0	0	0	0	6	7	0	13
	0	0	0	0	9	0	0	9
	0	0	0	0	33	26	2	61

TABLE 12B

NUMBER OF FEMALE DEPENDENTS BY EDUCATION, AND OCCUPATION IN THE SIZE GROUP 5 TO UNDER 10 ACRES

Educational Attainment	OCCUPATIONAL GROUPS							Number of Dependents
	Farmer	Housewife not willing to work	Housewife willing to work	Other Employed	Other	Unemployed willing to work	Unemployed not willing to work	
Primary-Illit.	0	0	0	0	0	0	0	0
Primary-Lit.	0	20	4	2	6	34	0	66
Secondary	0	0	0	0	0	1	0	1
Vocational	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	6	0	6
Not Started	0	0	0	0	3	0	0	3
Total	0	20	4	2	9	41	0	76

TABLE 12C

NUMBER OF MALE AND FEMALE DEPENDENTS BY EDUCATION, AND OCCUPATION IN THE SIZE GROUP 5 TO UNDER 10 ACRES

Educational Attainment	OCCUPATIONAL GROUPS							Number of Dependents
	Farmer	Housewife not willing to work	Housewife willing to work	Other Employed	Other	Unemployed willing to work	Unemployed not willing to work	
Primary-Illit.	0	0	0	0	0	0	0	0
Primary-Lit.	0	20	4	2	23	38	2	89
Secondary	0	0	0	0	1	16	0	17
Vocational	0	0	0	0	6	7	0	13
Other	0	0	0	0	0	6	0	6
Not Started	0	0	0	0	12	0	0	12
Total	0	20	4	2	42	67	2	137

TABLE 13A

NUMBER OF MALE DEPENDENTS BY EDUCATION, AND OCCUPATION IN THE SIZE GROUP 10 ACRES AND OVER

Educational Attainment	OCCUPATIONAL GROUPS		Number of Dependents
	Other	Unemployed willing to work	
Primary-Lit.	4	2	6
Total	4	2	6

TABLE 13B

NUMBER OF FEMALE DEPENDENTS BY EDUCATION, AND OCCUPATION IN THE SIZE GROUP 10 ACRES AND OVER

Educational Attainment	OCCUPATIONAL GROUPS			Number of Dependents
	Housewife not willing to work	Housewife willing to work	Unemployed not willing to work	
Primary-Lit.	1	1	0	2
Secondary	0	0	1	1
Vocational	0	0	1	1
Total	1	1	2	4

TABLE 13C

NUMBER OF MALE AND FEMALE DEPENDENTS BY EDUCATION, AND OCCUPATION IN THE SIZE GROUP 10 ACRES AND OVER

Educational Attainment	OCCUPATIONAL GROUPS					Number of Dependents
	Other	Housewife not willing to work	Housewife willing to work	Unemployed willing to work	Unemployed not willing to work	
Primary-Lit.	4	1	1	2	0	8
Secondary	0	0	0	0	1	1
Vocational	0	0	0	0	1	1
Total	4	1	1	2	2	10

TABLE 14A

'ER OF MALE DEPENDENTS BY EDUCATION AND OCCUPATION

P A T I O N A L G R O U P S						Number of Dependents
	Farm bourer	Other Labourer	Other Employed	Other	Unemployed willing to work	Unemployed not willing to work	
		0	0	0	0	0	6
		0	0	193	67	3	263
		0	0	0	0	0	0
		0	0	23	26	0	49
		0	0	6	8	0	14
		0	0	0	0	0	0
		0	0	106	0	0	106
		0	0	328	101	3	438

TABLE 14C

NUMBER OF MALE AND FEMALE DEPENDENTS BY EDUCATION AND OCCUPATION

Educational Attainment	OCCUPATIONAL GROUPS							Number of Dependents
	Farmer	Housewife not willing to work	Housewife willing to work	Other Employed	Other	Unemployed willing to work	Unemployed not willing to work	
Primary-Illit.	8	0	0	0	0	0	0	0
Primary-Lit.	6	132	19	4	351	138	30	680
Secondary	0	0	0	0	35	53	1	89
Vocational	0	0	0	0	6	8	1	15
Other	0	0	0	0	0	18	0	18
Not Started	0	0	0	0	178	0	0	178
Total	14	132	19	4	570	217	32	988

TABLE 15

NUMBER OF FARMERS WHO OPERATE ½ - / 2 ACRES BY AGE GROUP

BY EXPERIENCE IN FARMING

Age Group of farmer	YEARS OF EXPERIENCE IN FARMING					Total
	Under 2 years	2 - / 5 years	5 - / 10 years	10 - / 20 years	20 years and over	
Less than 20 years	0	0	0	0	0	0
20 to less than 30 years	0	0	2	6	0	8
30 to less than 40 years	0	0	0	6	6	12
40 to less than 50 years	0	0	0	0	28	28
50 to less than 60 years	0	0	0	0	20	20
60 years and over	0	0	0	0	9	9
Total	0	0	2	12	63	77

TABLE 16

NUMBER OF FARMERS WHO OPERATE 2 - / 5 ACRES BY AGE GROUP BY EXPERIENCE IN FARMING

Age Group of farmer	YEARS OF EXPERIENCE IN FARMING					Total
	Under 2 years	2 - / 5 years	5 - / 10 years	10 - / 20 years	20 years and over	
Less than 20 years	0	0	0	0	0	0
20 to less than 30 years	0	0	6	12	0	18
30 to less than 40 years	0	0	0	0	6	6
40 to less than 50 years	0	0	0	0	31	31
50 to less than 60 years	0	0	0	0	31	31
60 years and over	0	0	0	0	40	40
Total	0	0	6	12	108	126

TABLE 17

NUMBER OF FARMERS WHO OPERATE 5 - / 10 ACRES BY AGE GROUP
BY EXPERIENCE IN FARMING

Age Group of farmer	YEARS OF EXPERIENCE IN FARMING					Total
	Under 2 years	2 - / 5 years	5 - / 10 years	10 - / 20 years	20 years and over	
Less than 20 years	0	0	0	0	0	0
20 to less than 30 years	0	0	0	2	0	2
30 to less than 40 years	0	0	0	1	2	3
40 to less than 50 years	0	0	0	0	7	7
50 to less than 60 years	0	0	0	0	10	10
60 years and over	0	0	0	0	4	4
Total	0	0	0	3	23	26

TABLE 18

NUMBER OF FARMERS WHO OPERATE 10 ACRES AND OVER BY AGE GROUP BY EXPERIENCE IN FARMING

Age Group of farmer	YEARS OF EXPERIENCE IN FARMING					Total
	Under 2 years	2 - / 5 years	5 - / 10 years	10 - / 20 years	20 years and over	
20 to less than 30 years	0	0	0	0	0	0
30 to less than 40 years	0	0	0	0	0	0
40 to less than 50 years	0	0	0	0	0	0
50 to less than 60 years	0	0	0	0	1	1
60 years and over	0	0	0	0	1	1
Total	0	0	0	0	2	2

TABLE 19

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND EXPERIENCE IN FARMING

Size Group of Farm (acres)	EXPERIENCE IN FARMING			Total
	5 - / 10 years	10 - / 20 years	20 years and over	
½ - / 2	2	12	63	77
2 - / 5	6	12	108	126
5 - / 10	0	3	23	26
10+	0	0	2	2
Total	8	27	196	231

TABLE 20

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND TOTAL NUMBER OF DEPENDENTS

Size Group of Farm (Acres)	NUMBER OF DEPENDENTS				Total
	0 - 3	4 - 7	8 - 12	13 and over	
½ - 2	35	36	6	0	77
2 - 5	65	39	22	0	126
5 - 10	3	21	2	0	26
10+	1	1	0	0	2
Total	104	97	30	0	231

TABLE 21A

NUMBER OF FARMERS WHO OPERATE ½ - 2 ACRES BY AGE GROUP BY NUMBER OF DEPENDENTS

Age Group of Farmer	NUMBER OF DEPENDENTS			Number Of Farms
	0 - 3	4 - 7	8 - 12	
20 to less than 30 years	2	6	0	8
30 to less than 40 years	6	0	6	12
40 to less than 50 years	16	12	0	28
50 to less than 60 years	8	12	0	20
60 years and over	3	6	0	9
Total	35	36	6	77

TABLE 21B

NUMBER OF FARMERS WHO OPERATE 2 - /_5 ACRES BY AGE GROUP BY NUMBER OF DEPENDENTS

Age Group of Farmer	NUMBER OF DEPENDENTS			Number of Farms
	0 - 3	4 - 7	8 - 12	
20 to less than 30 years	18	0	0	18
30 to less than 40 years	0	0	6	6
40 to less than 50 years	7	16	8	31
50 to less than 60 years	21	9	2	32
60 years and over	19	14	6	39
Total	65	39	22	126

TABLE 21C

NUMBER OF FARMERS WHO OPERATE 5 - < 10 ACRES BY AGE GROUP BY NUMBER OF DEPENDENTS

Age Group of Farmer	NUMBER OF DEPENDENTS			Number of Farms
	0 - 3	4 - 7	8 - 12	
20 to less than 30 years	2	0	0	2
30 to less than 40 years	0	2	1	3
40 to less than 50 years	0	6	1	7
50 to less than 60 years	0	10	0	10
60 years and over	1	3	0	4
Total	3	21	2	26

TABLE 21D

NUMBER OF FARMERS WHO OPERATE 10 ACRES AND OVER BY AGE GROUP

BY NUMBER OF DEPENDENTS

Age Group of Farmer	NUMBER OF DEPENDENTS			Number of Farms
	0 - 3	4 - 7	8 - 12	
20 to less than 30 years	0	0	0	0
30 to less than 40 years	0	0	0	0
40 to less than 50 years	0	0	0	0
50 to less than 60 years	0	1	0	1
60 years and over	1	0	0	1
Total	1	1	0	2

TABLE 22

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND AGE GROUP OF FARMER

Size Group of Farm (acres)	AGE GROUP OF FARMER (YEARS)						Total
	∠ 20	20 - ∠ 30	30 - ∠ 40	40 - ∠ 50	50 - ∠ 60	60+	
½ - ∠ 2	0	8	12	28	20	9	77
2 - ∠ 5	0	18	6	31	31	40	126
5 - ∠ 10	0	2	3	7	10	4	26
10 +	0	0	0	0	1	1	2
Total	0	28	21	66	62	54	231

TABLE 23

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND LEVEL OF EDUCATIONAL ATTAINMENT

Size Group of farm (acres)	LEVEL OF EDUCATIONAL ATTAINMENT						Total
	Primary cannot read or write	Primary can read and write	Jamal	Secondary	Vocational	Other	
½ - ⩽ 2	1	76	0	0	0	0	77
2 - ⩽ 5	26	100	0	0	0	0	126
5 - ⩽ 10	1	25	0	0	0	0	26
10+	1	1	0	0	0	0	2
Total	29	202	0	0	0	0	231

TABLE 24

ACREAGE IN FARMS BY SIZE GROUP OF FARM AND LAND TENURE

Size Group of farm (acres)	LAND TENURE (ACRES)					Number of farms
	Owned	Leased in/ Rented in	Other	Rented Out	Net Acreage	
½ - / 2	16	60	9	0	85	77
2 - / 5	47	221	83	2	349	126
5 - / 10	33	134	11	0	178	26
10+	12	10	0	0	22	2
Total	108	425	103	2	634	231

TABLE 25

ACREAGE IN FARMS BY SIZE GROUP OF FARM AND LAND UTILIZATION

Size Group of Farm (acres)	LAND UTILIZATION (ACRES)							Total
	Pure Stand	Mixed Stand	Food Forest	Pasture	Ruinate	Fallow	Other	
½ - / 2	19	42	7	0	2	9	6	85
2 - / 5	149	111	29	0	19	27	14	349
5 - / 10	66	48	13	0	13	29	9	178
10+	6	15	1	0	0	0	0	22
Total	240	216	50	0	34	65	29	634

TABLE 26

ACREAGE IN FARMS BY SIZE GROUP OF FARM AND SLOPE CATEGORY

Size Group of Farm (acres)	SLOPE CATEGORY° (ACRES)							Total
	0 - 2	2 - 5	5 - 10	10 - 20	20 - 30	Over 30	No Response	
½ - ∠ 2	0	3	7	32	42	1	0	85
2 - ∠ 5	9	3	4	138	156	39	0	349
5 - ∠ 10	0	3	3	50	101	15	6	178
10+	0	0	0	5	17	0	0	22
Total	9	9	14	225	316	55	6	634

TABLE 27

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND PURPOSE OF FARMING

Size Group of Farm (acres)	PURPOSE OF FARMING			Total
	Home Consumption	Commercial	Both	
½ - / 2	2	69	6	77
2 - / 5	0	95	31	126
5 - / 10	0	25	1	26
10+	0	1	1	2
Total	2	190	39	231

TABLE 28

NUMBER OF FARMERS BY AGE GROUP BY NUMBER WHO HAVE AND HAVE NOT TERRACED

Age Group of Farmer	TERRACED		Total
	Yes	No	
Less than 20 years	0	0	0
20 to less than 30 years	18	10	28
30 to less than 40 years	9	12	21
40 to less than 50 years	35	31	66
50 to less than 60	17	45	62
60 years and over	23	31	54
Total	102	129	231

TABLE 29

NUMBER OF FARMERS BY AGE GROUP BY WILLINGNESS TO TERRACE FARM

Age group of farmer	WILLINGNESS TO TERRACE FARM			Total
	Yes, unconditionally	Yes if o.k.	No	
Less than 20 years	0	0	0	0
20 to less than 30 years	0	2	6	8
30 to less than 40 years	0	8	7	15
40 to less than 50 years	9	3	19	31
50 to less than 60 years	0	28	17	45
60 years and over	0	3	27	30
Total	9	44	76	129

TABLE 30A

NUMBER OF FARMS REPORTING YAMS, AREA HARVESTED, PRODUCTION AND VALUE BY SIZE GROUP OF FARM

Size Group of Farm (acres)	Holdings		Area Harvested		Production (lbs.)		Value ($)	
	Number	Percent	Acres	Average/ Farm	Total	Average/ Acre	Total	Average/ Acre
½ - / 2	75	97	52.3	0.7	454,842.6	8,696.8	86,874.9	1,661.1
2 - / 5	120	95	125	1.0	1,657,637.5	13,261.1	344,788.6	2,758.3
5 - / 10	26	100	79	3.0	1,069,691.6	13,540.4	171,150.7	2,166.5
10+	2	100	9	4.5	116,847	12,983	22,084.1	2,453.8
All	223	96.5	265.3	1.2	3,299,018.7	12,435.0	624,898.3	2,355.4

TABLE 30B

NUMBER OF FARMS REPORTING PEAS*, AREA HARVESTED, PRODUCTION AND VALUE BY SIZE GROUP OF FARM

Size Group of Farm (acres)	Holdings		Area Harvested		Production (lbs.)		Value ($)	
	Number	Percent	Acres	Average/ Farm	Total	Average/ Acre	Total	Average/ Acre
½ - / 2	18	23.4	13.3	0.7	401.2	30.2	3,898.7	293.1
2 - / 5	48	38	26.4	0.6	1,123	42.5	8,161.6	309.1
5 - / 10	5	19	2.9	0.6	184	63.4	446.7	154.0
10+	2	100	1.1	0.6	176.8	160.7	200.3	182.1
All	73	31.6	43.7	0.6	1,885.0	43.1	12,707.3	290.8

*Most of this crop was reportedly destroyed by spray and flood rains.

TABLE 30c

NUMBER OF FARMS REPORTING BANANAS*, AREA HARVESTED, PRODUCTION AND VALUE BY SIZE GROUP OF FARM

Size Group of Farm (acres)	Holdings		Area Harvested		Production (lbs.)		Value ($)	
	Number	Percent	Acres	Average/ Farm	Total	Average/ Acre	Total	Average/ Acre
½ - ∠ 2	37	48	12.3	0.3	43,094	3,503.6	2,585.6	210.2
2 - ∠ 5	74	59	55.7	0.8	309,185	5,550.9	18,551.1	333.1
5 - ∠ 10	23	89	48.2	2.1	84,572	1,754.6	5,074.3	105.3
10+	2	100	10.4	5.2	24,400	2,346.2	1,464.0	140.8
All	136	296	126.6	0.9	461,251	3,643.4	27,675.0	218.6

*Bananas are reportedly used mostly for home consumption.

TABLE 31A

NUMBER OF FARMERS BY MAJOR MARKET OUTLET FOR YAMS AND SIZE GROUP OF FARM

Size Group of farm (acres)	MAJOR MARKET OUTLET					
	Higgler	A.M.C.	Parochial Market	Local Consumer	Commodity Association	Other
½ - / 2	43	30	0	0	0	2
2 - / 5	118	11	0	0	0	0
5 - / 10	26	10	0	0	0	0
10+	2	00	0	0	0	0
Total	189	51	0	0	0	2

TABLE 31B

NUMBER OF FARMERS BY MAJOR MARKET OUTLET FOR PEAS AND SIZE GROUP OF FARM

Size Group of farm (acres)	MAJOR MARKET OUTLET					
	Higgler	A.M.C.	Parochial Market	Local Consumer	Commodity Association	Other
½ - / 2	18	0	0	0	0	0
2 - / 5	48	6	0	0	0	0
5 - / 10	6	2	0	0	0	0
10 +	2	0	0	0	0	0
Total	74	8	0	0	0	0

TABLE 31C

NUMBER OF FARMERS BY MAJOR MARKET OUTLET FOR BANANAS AND SIZE GROUP OF FARM

Size Group of farm (acres)	MAJOR MARKET OUTLET					
	Higgler	Local Consumer	Commodity* Association	Other	A.M.C.	Parochial Market
½ - / 2	9	4	26	0	0	0
2 - / 5	61	2	28	0	6	0
5 - /10	19	0	10	0	0	0
10+	0	0	2	0	0	0
Total	89	6	66	0	6	0

*Banana Board

TABLE 32A

NUMBER OF FARMS REPORTING YAMS BY NUMBER USING CHEMICAL FERTILIZER AND NUMBER USING INSECTICIDE/FUNGICIDE

Size Group of farm (acres)	Number Reporting	Number using Fertilizer	Number using Fungicide/ Insecticide
½ - / 2	75	67	0
2 - / 5	120	113	16
5 - / 10	26	26	0
10+	2	2	1
Total	223	208	17

TABLE 32B

NUMBER OF FARMS REPORTING PEAS BY NUMBER USING CHEMICAL FERTILIZER AND NUMBER USING INSECTICIDE/FUNGICIDE

Size Group of Farm (acres)	Number Reporting	Number using Fertilizer	Number using Insecticide/ Fungicide
½ - / 2	18	12	0
2 - / 5	48	41	6
5 - / 10	5	5	0
10+	2	2	1
Total	73	60	7

TABLE 32C

NUMBER OF FARMS REPORTING BANANAS BY NUMBER USING CHEMICAL FERTILIZER AND NUMBER USING INSECTICIDE/FUNGICIDE

Size Group of farm (acres)	Number Reporting	Number using Fertilizer	Number using Insecticide/ Fungicide
½ - / 2	37	19	37
2 - / 5	74	45	74
5 - / 10	23	22	23
10+	2	2	2
Total	136	88	136

TABLE 33

NUMBER OF FARMS REPORTING CATTLE, NUMBER OF CATTLE BY TYPE BY SIZE GROUP OF FARM

Size Group of Farm (acres)	TYPE OF CATTLE							Number of farms
	Cattle	Dairy Cows	Dairy Heifers	Dairy Calves	Beef 2 and over	Beef / 2	Other Cattle	
½ - / 2	0	18	0	0	0	0	0	6
2 - / 5	0	0	25	0	0	7	0	15
5 - / 10	0	9	11	4	4	0	0	11
10+	0	0	0	0	0	0	0	0
Total	0	27	36	4	4	7	0	32

TABLE 34

NUMBER OF FARMS REPORTING PIGS, NUMBER OF PIGS BY TYPE OF PIGS AND SIZE GROUP OF FARM

Size Group of farm (acres)	TYPE OF PIGS					Number of farms
	Pigs	Sows	Boars	Fatteners 8 weeks and over	Pigs under 8 weeks	
½ - / 2	0	12	32	0	0	38
2 - / 5	0	73	53	0	46	62
5 - / 10	0	23	10	0	20	16
10+	12	0	0	0	0	1
Total	12	108	95	0	66	117

TABLE 35

NUMBER OF FARMS REPORTING GOATS, NUMBER OF GOATS BY SIZE OF FARM

Size Group of farm (acres)	NUMBER OF GOATS AND NUMBER OF FARMS	
	Goats	Farms
½ - / 2	0	0
2 - / 5	61	34
5 - / 10	0	0
10+	9	1
Total	70	35

TABLE 36

NUMBER OF FARMS REPORTING POULTRY, NUMBER OF POULTRY BY TYPE BY SIZE OF FARM

Size Group of Farm (acres)	TYPE OF POULTRY					Number of Farms
	Poultry	Layers	Broilers	Chickens	Other	
½ - / 2	0	0	0	48	0	12
2 - / 5	0	0	0	248	0	26
5 - / 10	0	0	161	88	0	7
10+	0	0	0	0	0	0
Total	0	0	161	384	0	45

GROSS VALUE OF CROPS HARVESTED, GROSS OUTPUT OF LIVESTOCK AND GROSS INCOME BY ACREAGE

Size Group of Farm (acres)	Number of Farms	Crops Harvested* ($)	Output of Livestock ($)	Gross Income ($)
½ - / 2	77	93,359.2	6,798.9	100,158.1
2 - / 5	126	371,501.3	-59,075.4	312,425.9
5 - / 10	26	176,671.7	13,405.4	190,077.1
10+	2	23,748.4	-492.0	23,256.4
Total	231	665,280.6	-39,363.1	625,917.5

*Only major crops (yams, bananas, peas) are included.

TOTAL NUMBER OF FARMS BY NUMBER OF FARMS USING CHEMICAL FERTILIZER AND INSECTICIDE/ FUNGICIDE BY SIZE GROUP OF FARM

Size Group of Farm (acres)	NUMBER OF FARMS USING FERTILIZER AND/OR INSECTICIDE/FUNGICIDE		Total Number of Farms
	Number using Fertilizer	Number using Insecticide or Fungicide	
½ - / 2	67	49	77
2 - / 5	119	88	126
5 - / 10	26	22	26
10+	2	2	2
Total	214	161	231

TABLE 39

SIZE OF FARMS PRODUCING MILK, QUANTITY PRODUCED AND ESTIMATED VALUE, BY SIZE GROUP OF FARM

SIZE GROUP OF FARM	MILK		
	FARMS REPORTING	QUANTITY (QRT)	VALUE ($)
1/2 to Less than 2	0	0	0
2 to Less than 5	0	0	0
5 to Less than 10	2	5204	4,163.20
10 +	0	0	0
TOTALS	2	5204	4,163.20

TABLE 40A

NUMBER OF FARMERS WITHOUT FARM LOAN IN 1977, BY SIZE OF FARM AND MAIN LENDING AGENCY

Size Group of Farm (acres)	MAIN LENDING AGENCY							Total
	Farmers' Bank	A.C.B.	J.D.B. (FSSDP)	J.D.B. (Other)	Commercial Bank	None	Other	
½ - / 2	12	0	0	0	0	35	0	47
2 - / 5	11	0	0	0	0	99	0	110
5 - / 10	5	0	0	0	0	18	0	23
10+	0	0	0	0	0	0	1	1
Total	28	0	0	0	0	152	1	181

TABLE 40B

NUMBER OF FARMERS WHO OBTAINED LESS THAN $500 IN 1977 BY SIZE OF FARM

AND BY MAIN LENDING AGENCY

Size Group of Farm (acres)	MAIN LENDING AGENCY							Total
	Farmers' Bank	A.C.B.	J.D.B. (FSSDP)	J.D.B. (Other)	Commercial Bank	None	Other	
½ - / 2	18	0	0	0	0	0	0	18
2 - / 5	2	0	0	0	0	0	8	10
5 - / 10	2	0	0	0	0	0	0	2
10+	0	0	0	0	0	0	0	0
Total	22	0	0	0	0	0	8	30

TABLE 40C

NUMBER OF FARMERS WHO OBTAINED $500 TO LESS THAN $1,000 IN 1977 BY SIZE OF FARM

AND BY MAIN LENDING AGENCY

Size Group of Farm (acres)	MAIN LENDING AGENCY							Total
	Farmers' Bank	A.C.B.	J.D.B. (FSSDP)	J.D.B. (Other)	Commercial Bank	None	Other	
½ - / 2	0	0	0	0	0	0	0	0
2 - / 5	0	0	0	0	0	0	0	0
5 - / 10	1	0	0	0	0	0	0	1
10+	0	0	0	0	0	0	0	0
Total	1	0	0	0	0	0	0	1

TABLE 40D

NUMBER OF FARMERS WHO OBTAINED $1,000 TO LESS THAN $5,000 FARM LOAN IN 1977 BY SIZE OF FARM AND BY MAIN LENDING AGENCY

Size Group of Farm (acres)	MAIN LENDING AGENCY							Total
	Farmers' Bank	A.C.B.	J.D.B. (FSSDP)	J.D.B. (Other)	Commercial Bank	None	Other	
½ -/ 2	12	0	0	0	0	0	0	12
2 -/ 5	6	0	0	0	0	0	0	6
5 -/ 10	0	0	0	0	0	0	0	0
10+	0	0	1	0	0	0	0	1
Total	18	0	1	0	0	0	0	19

TABLE 41

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND MAIN LENDING AGENCY

Size Group of farm (acres)	MAIN LENDING AGENCY							Total
	Farmers' Bank	A.C.B.	J.D.B. (FSSDP)	J.D.B. Other	Commercial Bank	None	Other	
½ - / 2	42	0	0	0	0	35	0	77
2 - / 5	19	0	0	0	0	99	8	126
5 - / 10	8	0	0	0	0	18	0	26
10+	0	0	1	0	0	0	1	2
Total	69	0	1	0	0	152	9	231

TABLE 42

AMOUNT ($) OF FARM LOAN OBTAINED IN 1977 CLASSIFIED BY SIZE GROUP-OF FARM AND MAIN LENDING AGENCY

Size Group of Farm (acres)	MAIN LENDING AGENCY							Total
	Farmers' Bank	A.C.B.	J.D.B. (FSSDP)	J.D.B. (Other)	Commercial Bank	None	Other	
½ - / 2	17,464	0	0	0	0	0	0	17,464
2 - / 5	12,820	0	0	0	0	0	2,010	14,830
5 - / 10	1,200	0	0	0	0	0	0	1,200
10+	3,600	0	0	0	0	0	0	3,600
Total	35,084	0	0	0	0	0	2,010	37,094

TABLE 43

NUMBER OF FARMERS WHO RECEIVED LOAN IN 1977 AND OPERATE ½ TO LESS THAN 2 ACRES BY SIZE OF FARM LOAN AND ADEQUACY OF LOAN

Size group of loan ($)	ADEQUACY OF LOAN		Total
	Yes	No	
Less than 500	6	12	18
500 to under 1,000	0	0	0
Total	6	12	18

TABLE 44

NUMBER OF FARMERS WHO RECEIVED LOAN IN 1977 AND OPERATE 2 TO LESS THAN 5 ACRES BY SIZE OF FARM LOAN AND ADEQUACY OF LOAN

Size group of loan ($)	ADEQUACY OF LOAN		Total
	Yes	No	
Less than 500	0	10	10
500 to under 1,000	0	0	0
1,000 to under 5,000	6	0	6
Not reported	0	0	0
Total	6	10	16

TABLE 45

NUMBER OF FARMERS WHO RECEIVED LOAN IN 1977 AND OPERATE 5 TO LESS THAN 10 ACRES BY SIZE OF FARM LOAN AND ADEQUACY OF LOAN

Size group of loan ($)	ADEQUACY OF LOAN		Total
	Yes	No	
Less than 500	0	2	2
500 to under 1,000	0	1	1
Not reported	0	0	0
Total	0	3	3

TABLE 46

NUMBER OF FARMERS WHO RECEIVED LOAN IN 1977 AND OPERATE 10 ACRES AND OVER BY SIZE OF LOAN AND ADEQUACY OF LOAN

Size group of loan ($)	ADEQUACY OF LOAN		Total
	Yes	No	
Less than 500	0	0	0
500 to under 1,000	0	0	0
1,000 to under 5,000	1	0	1
Not reported	0	0	0
Total	1	0	1

TABLE 47

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND ATTITUDE TOWARDS CREDIT

Size Group of Farm (acres)	ATTITUDE TOWARDS CREDIT							Total Number of Farmers
	Cannot farm without	Interest too high	Cannot get loan	Repayment period too short	Too much Security	Not Interested	Other	
½ - / 2	30	34	0	0	0	8	5	77
2 - / 5	14	77	10	0	0	23	2	126
5 - / 10	4	20	0	0	0	0	2	26
10+	1	0	1	0	0	0	0	2
Total	49	131	11	0	0	31	9	231

TABLE 48

NUMBER OF FARMERS BY AGE GROUP AND ATTITUDE TOWARDS CREDIT

Age Group of Farmer	ATTITUDE TOWARDS CREDIT							Total Number of Farmers
	Cannot farm without it	Interest too high	Cannot get loan	Repayment period too short	Too much security	Not interested	Other	
Less than 20 years	0	0	0	0	0	0	0	0
20 to less than 30 years	0	22	6	0	0	0	0	28
30 to less than 40 years	1	6	0	0	0	12	2	21
40 to less than 50 years	19	37	0	0	0	6	4	66
50 to less than 60 years	27	29	0	0	0	6	0	62
60 years and over	2	37	5	0	0	7	3	54
Total	49	131	11	0	0	31	9	231

TABLE 49

NUMBER OF FARMERS BY FARM LOAN IN 1977 AND ATTITUDE TOWARDS FARM CREDIT

Size of farm Loan ($)	ATTITUDE TOWARDS CREDIT							Total
	Could not do without	Interest too high	Cannot get loan	Repayment period too short	Too much security	Not interested	Other	
None	0	131	11	0	0	31	8	181
Less than 500	29	0	0	0	0	0	1	30
500 - 1000	1	0	0	0	0	0	0	1
100	19	0	0	0	0	0	0	19
Not reported	0	0	0	0	0	0	0	0
Total	49	131	11	0	0	31	9	231

TABLE 50

NUMBER OF FARMERS BY EXPERIENCE IN FARMING AND ATTITUDE TOWARDS CREDIT

Experience in farming	ATTITUDE TOWARDS CREDIT							Total Farmers
	Cannot farm without	Interest too high	Cannot get loan	Repayment period too short	Too much security	Not Interested	Other	
Less than 2 years	0	0	0	0	0	0	0	0
2 to less than 5 years	0	0	0	0	0	0	0	0
5 to less than 10 years	0	8	0	0	0	0	0	8
10 to less than 20 "	0	21	6	0	0	0	0	27
20 years and over	49	102	5	0	0	31	9	196
Total	49	131	11	0	0	31	9	231

TABLE 51

NUMBER OF FARMERS BY HIGHEST EDUCATION AND ATTITUDE TOWARDS CREDIT

Educational Attainment	ATTITUDE TOWARDS CREDIT							Total Farmers
	Cannot farm without	Interest too high	Cannot get loan	Repayment period too short	Too much security	Not Interested	Other	
Primary-Illiterate	6	15	8	0	0	0	0	29
Primary-Literate	43	116	3	0	0	31	9	202
Jamal	0	0	0	0	0	0	0	0
Secondary	0	0	0	0	0	0	0	0
Vocational	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0
Total	49	131	11	0	0	31	9	231

TABLE 52

NUMBER OF FARMERS BY NUMBER OF DEPENDENTS AND ATTITUDE TOWARDS CREDIT

Number of Dependents	ATTITUDE TOWARDS CREDIT							Total Farmers
	Cannot farm without	Interest too high	Cannot get loan	Repayment period too short	Too much Security	Not Interested	Other	
Zero to three	14	73	7	0	0	4	6	104
Four to seven	33	48	4	0	0	9	3	97
Eight to twelve	2	10	0	0	0	18	0	30
Thirteen and over	0	0	0	0	0	0	0	0
Total	49	131	11	0	0	31	9	231

TABLE 53

NUMBER OF FARMERS WHO ARE NOT INTERESTED IN FARM CREDIT BY SIZE OF FARM AND EXPERIENCE IN FARMING

Size Group of Farm (acres)	EXPERIENCE IN FARMING (YEARS)					Total
	∠ 2	2 - ∠ 5	5 - ∠ 10	10 - ∠ 20	20+	
½ - ∠ 2	0	0	0	0	8	8
2 - ∠ 5	0	0	0	0	23	23
5 - ∠ 10	0	0	0	0	0	0
10+	0	0	0	0	0	0
Total	0	0	0	0	31	31

NUMBER OF FARMERS WHO ARE NOT INTERESTED IN FARM CREDIT BY SIZE GROUP OF FARM AND REASONS FOR LACK OF INTEREST IN FARM CREDIT

Size Group of Farm (acres)	REASONS FOR LACK OF INTEREST IN FARM CREDIT					Total
	Farming too Risky	Can Finance Self	Dislike Borrowing	Too much Red Tape	Operation Too Small	
½ - / 2	0	0	6	0	2	8
2 - / 5	0	0	21	0	2	23
5 - / 10	0	0	0	0	0	0
10+	0	0	0	0	0	0
Total	0	0	27	0	4	31

TABLE 55

NUMBER OF FARMERS BY SIZE OF FARM AND AMOUNT FARMER WOULD BORROW IF CREDIT TERMS WERE SATISFACTORY

Size Group of Farm (acres)	AMOUNT FARMER WOULD BORROW IF CREDIT TERMS WERE SATISFACTORY ($)					Total
	∠ 500	500 - ∠ 1000	1000 - ∠ 5000	5000 - ∠ 10000	None	
½ - ∠ 2	16	26	26	0	9	77
2 - ∠ 5	28	27	50	0	21	126
5 - ∠ 10	1	1	24	0	0	26
10+	0	0	1	1	0	2
Total	45	54	101	1	30	231

TABLE 56

NUMBER OF FARMERS BY ATTITUDE TOWARDS CREDIT AND AMOUNT FARMER WOULD BORROW IF CREDIT TERMS WERE SATISFACTORY

Attitude towards credit	AMOUNT FARMER WOULD BORROW IF CREDIT TERMS WERE SATISFACTORY ($)					Total
	∠ 500	500 - ∠ 1000	1000 - ∠ 5000	5000 - ∠ 10000	None	
Cannot do without	2	18	28	1	0	49
Interest too high	33	36	56	0	6	131
Cannot get loan	4	0	7	0	0	11
Repayment period too short	0	0	0	0	0	0
Too much security	0	0	0	0	0	0
Not Interested	2	0	6	0	23	31
Other	4	0	4	0	1	9
Not stated	0	0	0	0	0	0
Total	45	54	101	1	30	231

TABLE 57

NUMBER OF FARMERS BY EXPERIENCE AND AMOUNT FARMER WOULD BORROW IF CREDIT TERMS WERE SATISFACTORY

Experience in farming	AMOUNT FARMER WOULD BORROW IF CREDIT TERMS WERE SATISFACTORY ($)					Total
	∠ 500	500 - ∠ 1,000	1,000 - ∠ 5,000	5,000 - ∠ 10,000	None	
Less than 2 years	0	0	0	0	0	0
2 to less than 5 years	0	0	0	0	0	0
5 to less than 10 years	0	0	8	0	0	8
10 to less than 20 years	0	6	21	0	0	27
20 years and over	45	48	72	1	30	196
Total	45	54	101	1	30	231

TABLE 58

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND AVAILABILITY OF FARM LABOUR

Size Group of Farm (acres)	AVAILABILITY OF FARM LABOUR				Total
	Readily Available	Certain period	Difficult to get	Not Stated	
½ - / 2	18	1	58	0	77
2 - / 5	14	0	110	2	126
5 - / 10	0	0	26	0	26
10+	2	0	0	0	2
Total	34	1	194	2	231

TABLE 59

NUMBER OF FARMERS BY AMOUNT BORROWED IN 1977 AND AVAILABILITY OF FARM LABOUR

Amount Borrowed in 1977 ($)	AVAILABILITY OF FARM LABOUR					Total
	Readily Available	Available Periodically	Difficult to Obtain	Unavail-able in area	Not Stated	
None	20	1	158	0	2	181
∠ 500	7	0	23	0	0	30
500 - ∠ 1,000	0	0	1	0	0	1
1,000 - ∠ 5,000	7	0	12	0	0	19
5,000 - ∠ 10,000	0	0	0	0	0	0
10,000 - ∠ 15,000	0	0	0	0	0	0
Total	34	1	194	0	2	231

TABLE 60

NUMBER OF FARMERS BY AGE GROUP BY AVAILABILITY OF FARM LABOUR

Age Group of Farmer	AVAILABILITY OF FARM LABOUR					Total
	Readily Available	Certain Period	Difficult to get	Unavail-in Area	Not Stated	
Less than 20 years	0	0	0	0	0	0
20 to less than 30 years	6	0	22	0	0	28
30 to less than 40 years	0	0	21	0	0	21
40 to less than 50 years	8	0	58	0	0	66
50 to less than 60 years	8	0	54	0	0	62
60 years and over	12	1	39	0	2	
Total	34	1	194	0	2	231

TABLE 61

NUMBER OF FARMERS BY EXPERIENCE IN FARMING AND AVAILABILITY OF FARM LABOUR

Experience in farming	AVAILABILITY OF FARM LABOUR					Total
	Readily Available	Available Periodically	Difficult to Obtain	Unavailable in area	Not Stated	
Less than 2 years	0	0	0	0	0	0
2 to less than 5 years	0	0	0	0	0	0
5 to less than 10 years	0	0	8	0	0	8
10 to less than 20 years	6	0	21	0	0	27
20 years and over	28	1	165	0	2	196
Total	34	1	194	0	2	231

TABLE 62

NUMBER OF FARMERS BY SIZE GROUP AND MAIN PROBLEMS WITH AVAILABLE LABOUR*

Size Group of Farm (acres)	MAIN PROBLEMS WITH AVAILABLE LABOUR				
	Efficiency Low	Wages High	Labour Undependable	None	No need
½ - / 2	20	27	12	30	0
2 - / 5	52	39	3	63	9
5 - / 10	13	18	4	4	0
10+	0	1	0	1	0
Total	85	85	19	98	9

*Responses are not mutually exclusive

TABLE 63

NUMBER OF FARMERS BY EXPERIENCE AND MAIN PROBLEMS WITH AVAILABLE LABOUR*

Experience in farming	MAIN PROBLEMS WITH AVAILABLE LABOUR					
	Efficiency low	Wages High	Labour Unskilled	Labour Undependable	None	No Need
Less than 2 years	0	0	0	0	0	0
2 to less than 5 years	0	0	0	0	0	0
5 to less than 10 years	0	0	0	0	8	0
10 to less than 20 years	14	9	0	2	12	0
20 years and over	71	76	0	17	78	9
Total	85	85	0	19	98	9

*Responses are not mutually exclusive

TABLE 64

NUMBER OF FARMERS BY LEVEL OF EDUCATIONAL ATTAINMENT AND MAIN PROBLEMS WITH AVAILABLE LABOUR

Educational Attainment	MAIN PROBLEMS WITH AVAILABLE LABOUR					
	Efficiency Low	Wages High	Labour Unskilled	Labour undependable	None	No Need
Primary-Illiterate	2	2	0	0	25	0
Primary-Literate	83	83	0	19	73	9
Jamal	0	0	0	0	0	0
Secondary	0	0	0	0	0	0
Vocational	0	0	0	0	0	0
Other	0	0	0	0	0	0
Total	85	85	0	19	98	9

TABLE 65

NUMBER OF FARMERS BY AVAILABILITY OF LABOUR AND MAIN PROBLEMS WITH AVAILABLE LABOUR

Availability of Farm Labour	MAIN PROBLEMS WITH AVAILABLE LABOUR					
	Efficiency Low	Wages High	Labour Unskilled	Labour Undependable	None	No Need
Readily available	3	5	0	0	27	0
Available at periods	0	1	0	0	0	0
Difficult to get	82	79	0	19	71	7
Unavailable from area	0	0	0	0	0	0
Other	0	0	0	0	0	0
Not stated	0	0	0	0	0	2
Total	85	85	0	19	98	9

TABLE 66

NUMBER OF FARMERS BY SIZE OF FARM AND NUMBER OF QUARTERS ENGAGED IN OFF-FARM EMPLOYMENT

ENGAGED IN OFF-FARM EMPLOYMENT										Total
and nd	First and Third	First and Fourth	Second	Second and Third	Second and Fourth	Third	Third and Fourth	Fourth	Zero	
	0	0	2	0	0	2	0	2	0	8
	0	0	8	0	0	6	0	0	0	22
	0	0	1	0	0	1	0	7	0	10
	0	0	0	0	0	0	0	0	0	0
	0	0	11	0	0	9	0	9	0	40

TABLE

NUMBER OF FARMERS BY SIZE OF FARM AND SOURCE OF AGRICULTURAL INFORMATION

Size Group of Farm (acres)	SOURCE OF AGRICULTURAL INFORMATION											
	A.E.O.	Radio	T.V.	A.I.S.	F.T.C.	McDonald Almanac	Other Farmers	News-Papers	J.A.S.	Field Days	Com. Assoc.	Other
½ - / 2	0	0	0	0	0	62	14	0	0	0	0	15
2 - / 5	0	6	0	2	0	86	23	0	0	0	0	35
5 - / 10	0	2	0	0	0	20	1	0	6	0	0	3
10+	0	1	0	0	0	2	1	0	1	0	0	0
Total	0	9	0	2	0	170	39	0	7	0	0	53

A.E.O. = Agricultural Extension Officer
A.I.S. = Agricultural Information Service
F.T.C. = Farmers Training Centre
J.A.S. = Jamaica Agricultural Society
Com. Assoc. = Commodity Association.

TABLE 77

NUMBER OF FARMERS BY EXPERIENCE IN FARMING AND SOURCE OF AGRICULTURAL INFORMATION

xperience in farming	SOURCE OF AGRICULTURAL INFORMATION											
	A.E.O.	Radio	T.V.	F.T.C.	A.I.S.	McDonald Almanac	Other Farmers	News Papers	J.A.S.	Field Days	Com. Assoc.	Othe
ess than 2 years	0	0	0	0	0	0	0	0	0	0	0	0
to less than 5 years	0	0	0	0	0	0	0	0	0	0	0	0
to less than 10 years	0	0	0	0	0	6	0	0	0	0	0	2
) to less than 20 years	0	8	0	0	0	22	6	0	2	0	0	14
) years and over	0	1	0	0	2	142	33	0	5	0	0	37
otal	0	9	0	0	2	170	39	0	7	0	0	53

TABLE 78

NUMBER OF FARMERS BY LEVEL OF EDUCATIONAL ATTAINMENT AND SOURCE OF AGRICULTURAL INFORMATION

Educational Attainment	SOURCE OF AGRICULTURAL INFORMATION											
	A.E.O.	Radio	T.V.	F.T.C.	A.I.S.	McDonald Almanac	Other Farmers	News Papers	J.A.S.	Field Days	Com. Assoc.	Other
Primary-Illiterate	0	7	0	0	0	21	13	0	0	0	0	8
Primary-Literate	0	2	0	0	2	149	26	0	7	0	0	45
Jamal	0	0	0	0	0	0	0	0	0	0	0	0
Secondary	0	0	0	0	0	0	0	0	0	0	0	0
Vocational	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	9	0	0	2	170	39	0	7	0	0	53

TABLE 79

NUMBER OF FARMERS BY AGE GROUP AND SOURCE OF AGRICULTURAL INFORMATION

anner	SOURCE OF AGRICULTURAL INFORMATION											
	A.E.O.	Radio	T.V.	A.I.S.	F.T.C.	McDonald Almanac	Other Farmers	Field Days	News Papers	J.A.S.	Com. Assoc.	Other
ars	0	0	0	0	0	0	0	0	0	0	0	0
30 years	0	8	0	0	0	27	6	0	2	0	0	10
40 years	0	0	0	0	0	15	0	0	0	0	0	6
50 years	0	0	0	0	0	45	9	0	0	0	0	19
0 years	0	0	0	2	0	51	14	0	1	0	0	2
	0	1	0	0	0	32	10	0	4	0	0	16
	0	9	0	2	0	170	39	0	7	0	0	53

TABLE 80

NUMBER OF FARMERS BY SIZE OF FARM AND MEMBERSHIP IN FARM/ COMMUNITY ORGANIZATION

Size group of farm (Acres)	MEMBERSHIP IN FARM/COMMUNITY ORGANIZATION										
	J.A.S.	J.L.A.	A.I.B.G.A.	A.I.C.F.A.	4-H	Church	Sport Club	D/F/D Co-op.	Farmers' Bank	None	Co-op.
½ - / 2	36	0	0	0	0	6	0	34	0	21	0
2 - / 5	21	0	0	0	0	0	0	35	0	77	0
5 - / 10	8	0	0	0	0	0	0	10	1	9	0
10+	2	0	0	0	0	0	0	2	1	0	0
Total	67	0	0	0	0	6	0	81	2	107	0

A.I.B.G.A. = All Island Banana Growers Association

A.I.C.F.A. = All Island Cane Farmers Association.

NUMBER OF FARMERS BY AGE GROUP AND MEMBERSHIP IN FARM/COMMUNITY ORGANISATION

Age Group of Farmer	MEMBERSHIP IN FARM/COMMUNITY ORGANISATION										
	JAS	JLA	AIBGA	AICFA	4-H	Co-op.	Church	Sport Club	D/F/D Co-op.	Farmers' Bank	None
Less than 20 years	0	0	0	0	0	0	0	0	0	0	0
20 to less than 30 years	14	0	0	0	0	0	0	0	20	0	0
30 to less than 40 years	8	0	0	0	0	0	0	0	14	0	7
40 to less than 50 years	23	0	0	0	0	0	0	0	39	0	13
50 to less than 60 years	18	0	0	0	0	0	6	0	7	1	38
60 years and over	4	0	0	0	0	0	0	0	1	1	49
Total	67	0	0	0	0	0	6	0	81	2	107

NUMBER OF FARMERS BY EXPERIENCE AND MEMBERSHIP IN FARM/COMMUNITY ORGANISATION

Experience in Farming	MEMBERSHIP IN FARM/COMMUNITY ORGANISATION										
	JAS	JLA	AIBGA	AICFA	4-H	Co-op.	Church	Sport Club	D/F/D Co-op.	Farmers' Bank	None
Less than 2 years	0	0	0	0	0	0	0	0	0	0	0
2 to less than 5 years	0	0	0	0	0	0	0	0	0	0	0
5 to less than 10 years	6	0	0	0	0	0	0	0	8	0	0
10 to less than 20 years	15	0	0	0	0	0	0	0	18	0	0
20 years and over	46	0	0	0	0	0	6	0	55	2	107
Total	67	0	0	0	0	0	6	0	81	2	107

NUMBER OF FARMERS BY LEVEL OF EDUCATIONAL ATTAINMENT AND MEMBERSHIP IN FARM/COMMUNITY ORGANIZATION

Educational Attainment	MEMBERSHIP IN FARM/COMMUNITY ORGANISATION										
	JAS	JLA	AIBGA	AICFA	4-H	Co-op.	Church	Sport Club	D/F/D Co-op.	Farmer Bank	None
Primary Illiterate	2	0	0	0	0	0	0	0	7	0	21
Primary Literate	65	0	0	0	0	0	6	0	74	2	86
Jamal	0	0	0	0	0	0	0	0	0	0	0
Secondary	0	0	0	0	0	0	0	0	0	0	0
Vocational	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	67	0	0	0	0	0	6	0	81	2	107

TABLE 84

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND TYPE OF DWELLING

SIZE GROUP OF FARM (Acres)	TYPE OF DWELLING					
	SEPARATE HOUSE	APARTMENT	OUT-ROOM	PART OF COM-MERCIAL BUILDING	PRIVATE	OTHER[1]
1/2 to less than 2	43	28	0	0	0	6
2 to less than 5	83	43	0	0	0	0
5 to less than10	26	0	0	0	0	0
10 +	2	0	0	0	0	0
TOTAL	154	71	0	0	0	6

[1] PART OF PRIVATE HOME

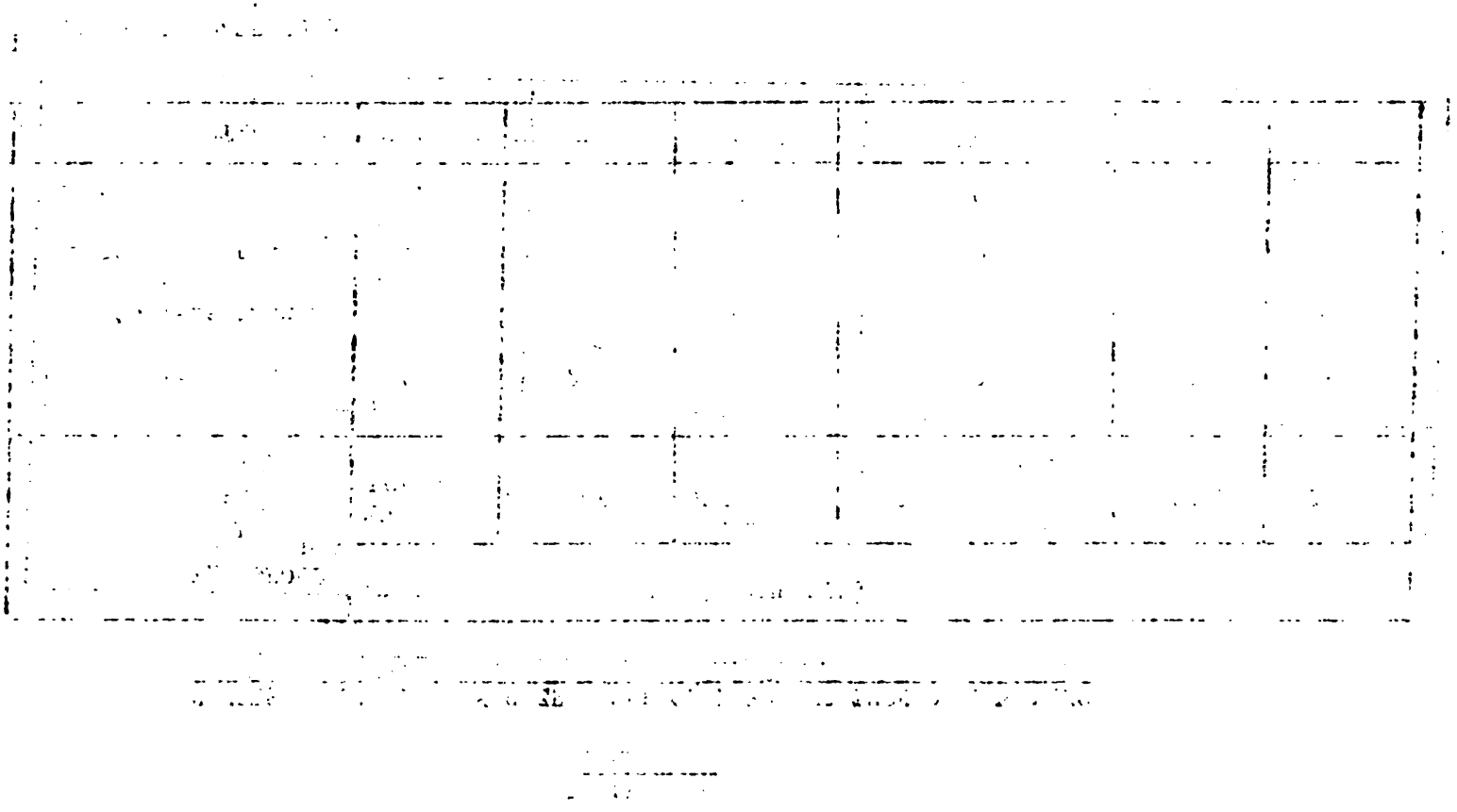


TABLE 65

NUMBER OF FARMERS BY NUMBERS OF DEPENDENTS AND TYPE OF DWELLING

NUMBER OF DEPENDENTS	TYPE OF DWELLING					
	SEPARATE HOUSE	APARTMENT	OUT-ROOM	COMMERCIAL BUILDING	OTHER	TOTAL
Zero to three	73	25	0	0	6	104
Four to seven	64	33	0	0	0	97
Eight to twelve	17	13	0	0	0	30
Thirteen and over	0	0	0	0	0	0
TOTAL	154	71	0	0	0	231

TABLE 86

NUMBER OF FARMERS BY AGE GROUP AND TYPE OF DWELLING

AGE GROUP OF FARMER	TYPE OF DWELLING					
	SEPARATE HOUSE	APARTMENT	OUT-ROOM	COMMERCIAL BUILDING	OTHER	TOTAL
Less than 20 years	0	0	0	0	0	0
20 to less than 30 years	20	8	0	0	0	28
30 to less than 40 years	9	12	0	0	0	21
40 to less than 50 years	44	16	0	0	6	66
50 to less than 60 years	44	18	0	0	0	62
60 years and over	37	17	0	0	0	54
TOTAL	154	71	0	0	6	231

TABLE 87

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND TYPE OF TENURE OF DWELLING

Size Group of Farm (acres)	TYPE OF TENURE OF DWELLING				Total
	Owned	Leased	Rented	Rent Free	
½ - / 2	62	6	7	2	77
2 - / 5	111	15	0	0	126
5 - / 10	26	0	0	0	2
10+	2	0	0	0	2
Total	201	21	7	2	231

TABLE 88

NUMBER OF FARMERS BY NUMBER OF DEPENDENTS AND TYPE OF TENURE OF DWELLING

Number of Dependents	TYPE OF TENURE OF DWELLING				Total
	Owned	Leased	Rented	Rent Free	
Zero to three	84	15	0	2	104
Four to seven	88	6	7	0	97
Eight to twelve	29	0	0	0	30
Thirteen and over	0	0	0	0	0
Total	201	21	7	2	231

TABLE 89

NUMBER OF FARMERS BY AGE GROUP AND TYPE OF TENURE OF DWELLING

Age Group of Farmer	TYPE OF TENURE OF DWELLING				Total
	Owned	Leased	Rented	Rent Free	
Less than 20 years	0	0	0	0	0
20 to less than 30 years	26	0	0	2	28
30 to less than 40 years	21	0	0	0	21
40 to less than 50 years	47	13	6	0	66
50 to less than 60 years	54	8	0	0	62
60 years and over	53	0	1	0	54
Total	201	21	7	2	231

TABLE 90

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND AGE GROUP OF DWELLING

Size Group of Farm (acres)	AGE OF DWELLING (YEARS)						Total
	∠ 1	1 - ∠ 3	3 - ∠ 5	5 - ∠ 10	10 - ∠ 20	20+	
½ - ∠ 2	0	10	14	6	27	20	77
2 - ∠ 5	6	9	29	15	28	39	126
5 - ∠ 10	2	0	6	11	5	2	26
10+	1	0	0	0	0	11	2
Total	9	19	49	32	60	62	231

TABLE 91

NUMBER OF FARMERS BY NUMBER OF DEPENDENTS AND AGE OF DWELLING

Number of Dependents	AGE OF DWELLING (YEARS)						Total
	∠ 1	1 ∠ 3	3 - ∠ 5	5 - ∠ 10	10 - ∠ 20	20+	
Zero to three	8	4	29	11	22	30	104
Four to seven	1	6	14	14	37	25	97
Eight to twelve	0	9	6	7	1	7	30
Thirteen and over	0	0	0	0	0	0	0
Total	9	19	49	32	60	62	231

TABLE 92

NUMBER OF FARMERS BY AGE GROUP AND AGE OF DWELLING

Age Group of Farmer	AGE OF DWELLING (YEARS)						Total
	/1	1 - /3	3 - /5	5 - /10	10 - /20	20+	
Less than 20 years	0	0	0	0	0	0	0
20 to less than 30 years	8	2	12	0	6	1	28
30 to less than 40 years	0	6	0	8	6	1	21
40 to less than 50 years	0	2	20	10	16	18	66
50 to less than 60 years	1	9	12	10	20	10	62
60 years and over	0	0	5	4	12	33	54
Total	9	19	49	32	60	62	231

TABLE 93

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND NUMBER OF ROOMS

Size Group of Farm (acres)	NUMBER OF ROOMS				Total
	One	Two	Three	Four or more	
½ - / 2	2	29	34	12	77
2 - / 5	14	49	33	30	126
5 - / 10	0	0	8	28	26
10+	0	0	1	1	2
Total	16	78	76	61	231

TABLE 94

NUMBER OF FARMERS BY NUMBER OF DEPENDENTS AND NUMBER OF ROOMS

Number of Dependents	NUMBER OF ROOMS				Total
	One	Two	Three	Four or more	
Zero to three	14	26	39	25	104
Four to seven	2	33	37	25	97
Eight to twelve	0	19	0	11	30
Thirteen and over	0	0	0	0	0
Total	16	78	76	61	231

TABLE 95

AVERAGE NUMBER OF PERSONS PER ROOM BY SIZE GROUP OF FARM AND TYPE OF TENURE OF DWELLING

Size Group of Farm (acres)	TYPE OF TENURE OF DWELLING				All
	Owned	Leased	Rented	Rent Free	
½ - / 2	2	2	1	3	2
2 - / 5	2	2	0	0	2
5 - / 10	2	0	0	0	2
10+	2	0	0	0	2
All	2	2	1	3	2

TABLE 96

AVERAGE NUMBER OF PERSONS PER ROOM BY TYPE OF DWELLING AND TYPE OF TENURE OF DWELLING

Type of Dwelling	TYPE OF TENURE OF DWELLING				All
	Owned	Leased	Rented	Rent Free	
Separate House	2	0	1	0	2
Apartment	3	2	0	3	3
Other	0	0	1	0	1
All	2	2	1	3	2

NUMBER OF FARMERS BY TYPE OF DWELLING AND TYPE OF TENURE OF DWELLING

Type of Dwelling	TYPE OF TENURE OF DWELLING				Total
	Owned	Leased	Rent Free	Rented	
Separate House	153	0	1	0	154
Apartment	48	21	0	2	71
Other	0	0	6	0	6
Total	201	21	7	2	231

NUMBER OF FARMERS BY TENURE OF DWELLING AND AGE OF DWELLING

Tenure of Dwelling	AGE OF DWELLING (YEARS)						Total
	∠1	1 - ∠3	3 - ∠5	5 - ∠10	10 - ∠20	20+	
Owned	9	17	49	30	46	50	201
Leased	0	0	0	2	13	6	21
Rented	0	0	0	0	1	6	7
Rent Free	0	2	0	0	0	0	2
Total	9	19	49	32	60	62	231

NUMBER OF FARMERS BY AGE OF DWELLING AND MATERIAL OF OUTER WALLS

Age of Dwelling	MATERIAL OF OUTER WALLS				Total
	Block & Steel	Re-inforced Concrete	Concrete Nog	Wood	
Less than 1 year	9	0	0	0	9
1 to less than 3 years	17	0	0	2	19
3 to less than 5 years	47	0	0	2	49
5 to less than 10 years	13	0	2	17	32
10 to less than 20 years	34	0	0	26	60
20 years and over	26	7	4	25	62
Total	146	7	6	72	231

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND MATERIAL OF OUTER WALLS

Size Group of Farm (acres)	MATERIAL OF OUTER WALLS				Total
	Block & Steel	Re-inforced Concrete	Concrete Nog	Wood	
½ - / 2	42	0	0	35	77
2 - / 5	86	7	3	30	126
5 - / 10	17	0	2	7	26
10+	1	0	1	0	2
Total	146	7	6	72	231

NUMBER OF FARMERS BY TYPE OF TENURE OF DWELLING AND MATERIAL OF OUTER WALLS

Type of Tenure	MATERIAL OF OUTER WALLS				Total
	Block & Steel	Re-inforced Concrete	Concrete Nog	Wood	
Owned	146	1	6	48	201
Leased	0	6	0	15	21
Rented	0	0	0	7	7
Rent Free	0	0	0	2	2
Total	146	7	6	72	231

NUMBER OF FARMERS BY TYPE OF DWELLING AND MATERIAL OF OUTER WALLS

Type of Dwelling	MATERIAL OF OUTER WALLS				Total
	Block & Steel	Re-inforced Concrete	Concrete Nog	Wood	
Separate House	127	1	6	20	154
Apartment	19	6	0	46	71
Other	0	0	0	6	6
Total	146	7	6	72	231

NUMBER OF FARMERS BY NUMBER OF ROOMS AND MATERIAL OF OUTER WALLS

Number of Rooms	MATERIAL OF OUTER WALLS				Total
	Block & Steel	Re-inforced Concrete	Concrete Nog	Wood	
One	6	0	0	10	16
Two	33	6	0	39	78
Three	47	1	5	23	76
Four or more	60	0	1	0	61
Total	146	7	6	72	231

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND CONDITION OF DWELLING

Size Group of Farm (acres)	CONDITION OF DWELLING			Total
	Good	Fair	Poor	
½ - / 2	0	8	69	77
2 - / 5	0	30	96	126
5 - / 10	0	22	4	26
10+	0	1	1	2
Total	0	61	170	231

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND TYPE OF TOILET FACILITIES

Size Group of Farm (acres)	TYPE OF TOILET FACILITIES				None	Total
	Shared		Not Shared			
	Pit	Water Closet	Pit	Water Closet		
½ - / 2	6	0	69	0	2	77
2 - / 5	0	0	118	0	8	126
5 - / 10	0	0	26	0	0	26
10+	0	0	2	0	0	2
Total	6	0	215	0	10	231

NUMBER OF FARMERS BY AGE OF DWELLING AND TYPE OF TOILET FACILITIES

Age of Dwelling	TYPE OF TOILET FACILITIES				None	Total
	Shared		Not Shared			
	Pit	Water Closet	Pit	Water Closet		
Iess than 1 year	0	0	9	0	0	9
1 to less than 3 years	0	0	17	0	2	19
3 to less than 5 years	0	0	49	0	0	49
5 to less than 10 years	0	0	30	0	2	32
10 to less than 20 years	0	0	60	0	0	60
20 years and over	6	0	50	0	6	62
Total	6	0	215	0	10	231

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND TYPE OF WATER SUPPLY

Size Group of Farm (acres)	TYPE OF WATER SUPPLY						Total
	Public Piped	Private Piped	Public Stand Pipe	Private Catch	Public Tank	Other*	
½ - / 2	6	0	21	0	0	50	77
2 - / 5	0	0	17	2	10	97	126
5 - / 10	0	0	2	5	0	19	26
10+	0	0	1	1	0	0	2
Total	6	0	41	8	10	166	231

*Spring

NUMBER OF FARMERS BY AGE OF DWELLING AND TYPE OF WATER SUPPLY

Age of Dwelling	TYPE OF WATER SUPPLY						Total
	Public Piped	Private Piped	Public Stand Pipe	Private Catch	Public Tank	Other	
Less than 1 year	0	0	0	3	0	6	9
1 to less than 3 years	0	0	4	0	0	15	19
3 to less than 5 years	0	0	6	0	0	43	49
5 to less than 10 years	0	0	7	2	0	23	32
10 to less than 20 years	6	0	9	3	0	42	60
20 years and over	0	0	15	0	10	37	62
Total	6	0	41	8	10	166	231

NUMBER OF FARMERS BY TYPE OF TENURE OF DWELLING AND TYPE OF WATER SUPPLY

Type of Tenure of Dwelling	TYPE OF WATER SUPPLY						Total
	Public Piped	Private Piped	Public Stand Pipe	Private Catch	Public tank	Other	
Owned	6	0	40	8	10	137	201
Leased	0	0	0	0	0	21	21
Rented	0	0	1	0	0	6	7
Rent Free	0	0	0	0	0	2	2
Total	6	0	41	8	10	166	231

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND TYPE OF ELECTRICITY 110

Size Group of Farm (acres)	TYPE OF ELECTRICITY			Total
	JPS to Dwelling	JPS to Road	None	
½ - / 2	20	51	6	77
2 - / 5	24	96	6	126
5 - / 10	8	18	0	26
10+	0	2	0	2
Total	52	167	12	231

NUMBER OF FARMERS BY TYPE OF WATER SUPPLY AND TYPE OF ELECTRICITY 111

Type of Water Supply	TYPE OF ELECTRICITY			Total
	JPS to Dwelling	JPS to Road	None	
Public to yard	0	6	0	6
Public Stand Pipe	21	20	0	41
Private Catch	5	3	0	8
Public Tank	0	4	6	10
Other	26	134	6	166
Total	52	167	12	231

NUMBER OF FARMERS BY TYPE OF TOILET FACILITY AND TYPE OF WATER SUPPLY

Type of Toilet Facility	TYPE OF WATER SUPPLY						Total
	Public Piped	Private Piped	Public Stand Pipe	Private Catch	Public Tank	Other	
Shared Pit	0	0	0	0	0	6	6
Shared Water Closet	0	0	0	0	0	0	0
Shared Other	0	0	0	0	0	0	0
Not Shared Pit	6	0	41	8	10	150	215
Not Shared Water Closet	0	0	0	0	0	0	0
Not Shared Other	0	0	0	0	0	0	0
None	0	0	0	0	0	10	10
Total	6	0	41	8	10	166	231

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND ATTITUDE TO CHANGE IN FARMING PRACTICES

Size Group of Farm (acres)	ATTITUDE TO CHANGE			Total
	Willing to Change	Not willing to Change	Do not Know	
½ - / 2	62	15	0	77
2 - / 5	96	28	2	126
5 - /	16	10	0	26
10+	0	2	0	2
Total	174	55	2	231

NUMBER OF FARMERS BY EXPERIENCE IN FARMING AND ATTITUDE TO CHANGE IN FARMING PRACTICES

Experience in Farming	ATTITUDE TO CHANGE			Total
	Willing to Change	Not willing to Change	Do Not Know	
Less than 2 years	0	0	0	0
2 to less than 5 years	0	0	0	0
5 to less than 10 years	8	0	0	8
10 to less than 20 years	20	7	0	27
20 years and over	146	48	2	196
Total	174	55	2	231

NUMBER OF FARMERS BY AGE GROUP AND ATTITUDE TO CHANGE IN FARMING PRACTICES

Age Group of Farmer	ATTITUDE TO CHANGE			Total
	Willing to Change	Not willing to Change	Do not Know	
Less than 20 years	0	0	0	0
20 to less than 30 years	22	6	0	28
30 to less than 40 years	15	6	0	21
40 to less than 50 years	52	14	0	66
50 to less than 60 years	53	9	0	62
60 years and over	32	20	2	54
Total	174	55	2	231

NUMBER OF FARMERS BY NUMBER OF DEPENDENTS AND ATTITUDE TO CHANGE

Number of Dependents	ATTITUDE TO CHANGE			Total
	Willing to Change	Not willing to Change	Do not Know	
Zero to three	83	19	2	104
Four to seven	76	21	0	97
Eight to twelve	15	15	0	30
Thirteen and over	0	0	0	0
Total	174	55	2	231

NUMBER OF FARMERS BY HIGHER LEVEL OF EDUCATIONAL ATTAINMENT AND ATTITUDE TO CHANGE IN FARMING PRACTICES

Educational Attainment	ATTITUDE TO CHANGE			Total
	Willing to Change	Not Willing to Change	Do not Know	
Primary Illiterate	26	3	0	29
Primary Literate	148	52	2	202
Jamal	0	0	0	0
Secondary	0	0	0	0
Vocational	0	0	0	0
Total	174	55	2	231

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND FACTORS THAT WOULD INFLUENCE

CHANGE IN FARMING PRACTICES

Size Group of Farm (acres)	FACTORS THAT WOULD INFLUENCE CHANGE				
	Opportunity to maximise Income	Opportunity to minimise Labour	Requirement of credit Institution	Requirement of consumers	Other
½ - ∠ 2	74	6	0	0	3
2 - ∠ 5	115	4	0	6	11
5 - ∠ 10	25	1	1	0	1
10+	1	0	0	0	1
Total	215	11	1	6	16

NUMBER OF FARMERS BY AGE GROUP AND FACTORS THAT WOULD INFLUENCE CHANGE IN FARMING PRACTICES

Age Group of Farmer	FACTORS THAT WOULD INFLUENCE CHANGE				
	Opportunity to maximise Income	Opportunity to minimise Labour	Requirement of credit Institution	Requirement of consumers	Other
Less than 20 years	0	0	0	0	0
20 to less than 30 years	28	0	0	6	0
30 to less than 40 years	21	0	0	0	0
40 to less than 50 years	61	0	1	0	6
50 to less than 60 years	59	8	0	0	4
60 years and over	46	3	0	0	6
Total	215	11	1	6	16

NUMBER OF FARMERS BY NUMBER OF DEPENDENTS AND FACTORS THAT WOULD INFLUENCE CHANGE IN FARMING PRACTICES

Age Group of Farmer	FACTORS THAT WOULD INFLUENCE CHANGE				
	Opportunity to maximise Income	Opportunity to minimise Labour	Requirement of credit Institution	Requirement of consumers	Other
Zero to three	96	0	0	6	9
Four to seven	96	9	0	0	1
Eight to twelve	23	2	1	0	6
Thirteen and over	0	0	0	0	0
Total	215	11	1	6	16

NUMBER OF FARMERS BY HIGHER LEVEL OF EDUCATIONAL ATTAINMENT AND FACTORS THAT WOULD INFLUENCE CHANGE IN FARMING PRACTICES

Educational Attainment	FACTORS THAT WOULD INFLUENCE CHANGE				
	Opportunity to maximise Income	Opportunity to minimise Labour	Requirement of credit Institution	Requirement of consumers	Other
Primary Illiterate	26	0	0	6	8
Primary Literate	189	11	1	0	8
Jamal	0	0	0	0	0
Secondary	0	0	0	0	0
Vocational	0	0	0	0	0
Total	215	11	1	6	16

NUMBER OF FARMERS BY EXPERIENCE IN FARMING AND FACTORS THAT WOULD INFLUENCE CHANGE IN FARMING PRACTICES

Experience in Farming	FACTORS THAT WOULD INFLUENCE CHANGE				
	Opportunity to maximise Income	Opportunity to minimise Labour	Requirement of credit Institution	Requirement of consumers	Other
Less than 2 years	0	0	0	0	0
2 to less than 5 years	0	0	0	0	0
5 to less than 10 years	6	0	0	0	0
10 to less than 20 years	28	0	0	0	0
20 years and over	181	11	1	6	16
Total	215	11	1	6	16

NUMBER OF FARMERS BY AMOUNT BORROWED IN 1977 AND FACTORS THAT WOULD INFLUENCE CHANGE IN FARMING PRACTICES

Amount Borrowed in 1977 ($)	FACTORS THAT WOULD INFLUENCE CHANGE				
	Opportunity to maximise Income	Opportunity to minimise Labour	Requirement of credit Institution	Requirement of consumers	Other
None	167	5	0	6	14
⩽ 500	28	6	0	0	2
500 - ⩽ 1,000	1	0	1	0	0
1,000 - ⩽ 5,000	19	0	0	0	0
5,000 or over	0	0	0	0	0
Total	215	11	1	6	16

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND INTEREST IN IMPROVING FARMING SKILLS THROUGH FORMAL TRAINING

Size Group of Farm (acres)	INTEREST IN IMPROVING SKILLS THROUGH FORMAL TRAINING				Total
	Interested	Not Interested	Not Necessary	Do not Know	
½ - / 2	44	1	32	0	77
2 - / 5	54	9	57	6	126
5 - / 10	16	1	9	0	26
10+	1	1	0	0	2
Total	115	12	98	6	231

NUMBER OF FARMERS BY AGE GROUP AND INTEREST IN IMPROVING FARMING SKILLS

THROUGH FORMAL TRAINING

Age Group of Farmer	INTEREST IN IMPROVING SKILLS THROUGH FORMAL TRAINING				Total
	Interested	Not Interested	Not Necessary	Do not Know	
Less than 20 years	0	0	0	0	0
20 to less than 30 years	28	0	0	0	28
30 to less than 40 years	8	1	12	0	21
40 to less than 50 years	27	0	33	6	66
50 to less than 60 years	44	8	10	0	62
60 years and over	8	3	43	0	34
Total	115	12	98	6	231

NUMBER OF FARMERS BY EXPERIENCE IN FARMING AND INTEREST IN IMPROVING FARMING SKILLS

THROUGH FORMAL TRAINING

Experience in Farming	INTEREST IN IMPROVING SKILLS THROUGH FORMAL TRAINING				Total
	Interested	Not Interested	Not Necessary	Do not Know	
Less than 2 years	0	0	0	0	0
2 to less than 5 years	0	0	0	0	0
5 to less than 10 years	8	0	0	0	8
10 to less than 20 years	26	1	0	0	27
20 years and over	81	11	98	6	196
Total	115	12	98	6	231

NUMBER OF FARMERS BY EDUCATIONAL ATTAINMENT AND INTEREST IN IMPROVING FARMING SKILLS THROUGH FORMAL TRAINING

Educational Attainment	INTEREST IN IMPROVING SKILLS THROUGH FORMAL TRAINING				Total
	Interested	Not Interested	Not Necessary	Do Not Know	
Primary Illiterate	7	2	20	0	29
Primary Literate	108	10	78	6	202
Jamal	0	0	0	0	0
Secondary	0	0	0	0	0
Vocational	0	0	0	0	0
Other	0	0	0	0	0
Total	115	12	98	6	231

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND REPORTED MAJOR PROBLEMS*

MAJOR PROBLEMS									
Poor Marketing System	Low Farmgate Price	Lack of Sufficient Capital	Insufficient Knowledge of good Cultural Practices	Small Size of Holding	Lack of Storage Facilities	Praedial Larceny	Soil Erosion	Poor Quality Land	Unavailability of fertilizer
	56	40	0	26	0	1	6	2	2
	92	105	0	7	1	0	0	9	6
	19	22	0	4	0	0	1	0	0
	2	0	0	1	0	0	0	0	0
	169	167	0	38	1	1	7	11	8

NUMBER OF FARMERS BY LEVEL OF EDUCATIONAL ATTAINMENT AND OPINIONS ON IMPROVING THE QUALITY OF LIFE OF THE SMALL FARMER

Educational Attainment	OPINIONS ON IMPROVING THE QUALITY OF LIFE OF THE SMALL FARMER										
	Provide more Financial Subsidies	Provide Irrigation Water	Improve the Marketing System	Pay Better Prices for farm Produce	Improve the Agricultural Extension Services	Provide better Homes for the Farmers	Improve the Roads	Provide Agro-Industries	Provide Additional Employment	Provide Electricity to Farmer	Provide more lands for Farming
Primary-Illiterate	21	8	0	29	0	13	16	0	0	0	0
Primary-Literate	175	0	2	191	1	126	83	2	2	19	3
Jamal	0	0	0	0	0	0	0	0	0	0	0
Secondary	0	0	0	0	0	0	0	0	0	0	0
Vocational	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	196	8	2	220	1	139	99	2	2	19	3

NUMBER OF FARMERS BY NUMBER OF DEPENDENTS AND OPINIONS ON IMPROVING THE QUALITY OF LIFE OF THE SMALL FARMER

Number of Dependents	OPINIONS ON IMPROVING THE QUALITY OF LIFE OF THE SMALL FARMER										
	Provide more Financial Subsidies	Provide Irrigation Water	Improve the Marketing System	Pay Better Price for Farm Produce	Improve the Agricultural Extension Services	Provide Better homes for Farmers	Improve the Roads	Provide Agro-Industries	Provide Additional Employment	Provide Electricity to Farmers	Provide more lands for Farming
Zero to three	85	8	0	95	0	64	42	2	2	10	2
Four to seven	84	0	0	96	1	54	47	0	0	8	1
Eight to twelve	27	0	2	29	0	21	10	0	0	1	0
Thirteen and over	0	0	0	0	0	0	0	0	0	0	0
Total	196	8	2	220	1	139	99	2	2	19	3

NUMBER OF FARMERS BY EXPERIENCE IN FARMING AND OPINIONS ON IMPROVING THE QUALITY OF LIFE OF THE SMALL FARMER

	OPINIONS ON IMPROVING THE QUALITY OF LIFE OF THE SMALL FARMER										
xperience in Farming	Provide more Financial Subsidies	Provide Irrigation Water	Improve the Marketing System	Pay Better Prices for Farm Produce	Improve the Agricultural Extension Services	Provide Better Homes for the Farmers	Improve the roads	Provide Agro-Industries	Provide Additional Employment	Provide Electricity to Farmers	Provide more lan for Farm
Less than 2 years	0	0	0	0	0	0	0	0	0	0	0
2 to less than 5 years	0	0	0	0	0	0	0	0	0	0	0
5 to less than 10 years	8	0	0	8	0	8	0	0	0	0	0
10 to less than 20 years	21	6	0	27	0	18	1	0	0	8	0
20 years and over	167	2	2	185	1	113	98	2	2	11	3
Total	196	8	2	220	1	139	99	2	2	19	3

NUMBER OF SPOUSES BY SIZE GROUP OF FARM AND SPECIFIC JOB SPOUSES DO ON THE FARM

Size Group of Farm (acres)	SPECIFIC JOB SPOUSES DO ON THE FARM							Total Number of Spouses
	Assist with most operations	Assist with Planting/ Reaping only	Assist with Labour Supervision	Manages Farm	Responsible for marketing of Produce	Assist with marketing of Produce	None	
½ - ⩽ 2	58	0	0	0	0	0	0	0
2 - ⩽ 5	62	8	0	0	0	0	11	81
5 - ⩽ 10	24	0	0	0	0	0	0	24
10+	1	1	0	0	0	0	0	2
Total	145	9	0	0	0	0	11	165

ER OF SPOUSES BY AGE GROUP OF SPOUSE AND SPECIFIC JOB SPOUSES DO ON THE FARM

SPECIFIC JOB SPOUSES DO ON THE FARM							
Assist with most Operations	Assist with Planting/ Reaping only	Assist with Labour Supervision	Manages Farm	Responsible for market-ing of Produce	Assist with Marketing of Produce	None	Total Number of Spouses
6	0	0	0	0	0	0	6
20	0	0	0	0	0	0	20
25	0	0	0	0	0	9	34
64	9	0	0	0	0	0	73
24	0	0	0	0	0	2	24
6	0	0	0	0	0	2	8
145	9	0	0	0	0	11	165

NUMBER OF SPOUSES BY MARITAL STATUS OF FARMER AND SPECIFIC JOB SPOUSES DO ON THE FARM

arital Status of Farmer	SPECIFIC JOB SPOUSES DO ON THE FARM							Tota of
	Assist with most operations	Assist with Planting/ Reaping only	Assist with Labour Supervision	Manages Farm	Responsible for Marketing of Produce	Assist with Marketing of Produce	None	
Single	0	0	0	0	0	0	0	
Married	95	9	0	0	0	0	11	
Widowed	0	0	0	0	0	0	0	
Divorced	0	0	0	0	0	0	0	
Common Law	50	0	0	0	0	0	0	
Total	145	9	0	0	0	0	11	

al Number Spouse
0
115
0
0
50
165

SPOUSES BY MAIN OCCUPATION OF FARMER AND SPECIFIC JOB SPOUSES DO ON THE FARM

SPECIFIC JOB SPOUSES DO ON THE FARM							
sist with st opera-ns	Assist with Planting/ Reaping only	Assist with Labour Supervision	Manages Farm	Responsible for Marketing of Produce	Assist with Marketing of Produce	None	Total Number of Spouses
145	9	0	0	0	0	11	165
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
145	9	0	0	0	0	11	165

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NUMBER OF FARMERS BY SIZE GROUP OF FARM AND DECISION-MAKING ON THE FARM

Size Group of Farm (acres)	DECISION-MAKING ON THE FARM				Total
	Mostly I	Mostly my Spouse	My wife and I Together	The whole Family	
½ - / 2	0	0	58	0	58
2 - / 5	17	0	64	0	81
5 - / 10	0	0	24	0	24
10+	0	0	2	0	2
Total	17	0	148	0	165

TABLE 142

NUMBER OF FARMERS BY EXPERIENCE IN FARMING AND DECISION-MAKING ON THE FARM

Experience in Farming	DECISION-MAKING ON THE FARM				Total
	Mostly I	Mostly my Spouse	My wife and I together	The whole Family	
Less than 2 years	0	0	0	0	0
2 to less than 5 years	0	0	0	0	0
5 to less than 10 years	0	0	6	0	6
10 to less than 20 years	0	0	19	0	19
20 years and over	17	0	123	0	140
Total	17	0	148	0	165

NUMBER OF FARMERS BY HIGHEST LEVEL OF EDUCATIONAL ATTAINMENT OF FARMER AND DECISION-MAKING ON THE FARM

Educational Attainment of Farmer	DECISION-MAKING ON THE FARM				Total
	Mostly I	Mostly my Spouse	My wife and I together	The whole Family	
Primary Illiterate	0	0	9	0	9
Primary Literate	17	0	139	0	156
Jamal	0	0	0	0	0
Secondary	0	0	0	0	0
Vocational	0	0	0	0	0
Total	17	0	148	0	165

TABLE 144

NUMBER OF FARMERS BY HIGHEST LEVEL OF EDUCATIONAL ATTAINMENT OF SPOUSES, AND DECISION-MAKING ON THE FARM

Educational Attainment of Spouse	DECISION-MAKING ON THE FARM				Total
	Mostly I	Mostly my Spouse	My wife and I Together	The whole Family	
Primary Illiterate	0	0	0	0	0
Primary Literate	17	0	148	0	165
Jamal	0	0	0	0	0
Secondary	0	0	0	0	0
Vocational	0	0	0	0	0
Total	17	0	148	0	165

NUMBER OF FARMERS BY AGE GROUP OF FARMER AND DECISION-MAKING ON THE FARM

Age Group of Farmer	DECISION-MAKING ON THE FARM				Total
	Mostly I	Mostly my Spouse	My wife and I together	The whole Family	
Less than 20 years	0	0	0	0	0
20 to less than 30 years	0	0	18	0	18
30 to less than 40 years	0	0	21	0	21
40 to less than 50 years	2	0	62	0	64
50 to less than 60 years	0	0	37	0	37
60 years and over	15	0	10	0	25
Total	17	0	148	0	165

NUMBER OF FARMERS BY MARITAL STATUS OF FARMER AND DECISION-MAKING ON THE FARM

Marital Status of Farmer	DECISION-MAKING ON THE FARM				Total
	Mostly I	Mostly my Spouse	My wife and I Together	The whole Family	
Single	0	0	0	0	0
Married	17	0	98	0	115
Widowed	0	0	0	0	0
Divorced	0	0	0	0	0
Common Law	0	0	50	0	50
Total	17	0	148	0	165

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND CONTROL OF FARM INCOME

Size Group of Farm (acres)	CONTROL OF FARM INCOME			Total
	I take charge and decide how to spend	My spouse takes charge and decides how to spend	My spouse and I both plan together how to spend	
½ - / 2	0	0	58	58
2 - / 5	17	0	64	81
5 - / 10	0	0	24	24
10+	0	0	2	2
Total	17	0	148	165

NUMBER OF FARMERS BY EXPERIENCE IN FARMING AND CONTROL OF FARM INCOME

Experience in Farming	CONTROL OF FARM INCOME			Total
	I take charge and decide how to spend	My spouse takes charge and decides how to spend	My spouse and I both plan together how to spend	
Less than 2 years	0	0	0	0
2 to less than 5 years	0	0	0	0
5 to less than 10 years	0	0	6	6
10 to less than 20 years	0	0	19	19
20 years and over	17	0	123	140
Total	17	0	148	165

NUMBER OF FARMERS BY HIGHEST LEVEL OF EDUCATIONAL ATTAINMENT OF FARMER, AND CONTROL OF FARM INCOME

Educational Attainment of Farmer	CONTROL OF FARM INCOME			Total
	I take charge and decide how to spend	My spouse takes charge and decides how to spend	My spouse and I both plan together how to spend	
Primary Illiterate	0	0	9	9
Primary Literate	17	0	139	156
Jamal	0	0	0	0
Secondary	0	0	0	0
Vocational	0	0	0	0
Other	0	0	0	0
Total	17	0	148	165

NUMBER OF FARMERS BY HIGHEST LEVEL OF EDUCATIONAL ATTAINMENT OF SPOUSES AND CONTROL OF FARM INCOME

Educational Attainment of Spouse	CONTROL OF FARM INCOME			Total
	I take charge and decide how to spend	My spouse takes charge and decides how to spend	My spouse and I both plan together how to spend	
Primary Illiterate	0	0	0	0
Primary Literate	17	0	148	165
Jamal	0	0	0	0
Secondary	0	0	0	0
Vocational	0	0	0	0
Total	17	0	148	165

NUMBER OF FARMERS BY AGE GROUP OF FARMER AND CONTROL OF FARM INCOME

Age Group of Farmer	CONTROL OF FARM INCOME			Total
	I take charge and decide how to spend	My spouse takes charge and decides how to spend	My spouse and I both plan together how to spend	
Less chan 20 years	0	0	0	0
20 to less than 30 years	0	0	18	18
30 to less than 40 years	0	0	21	21
40 to less than 50 years	2	0	62	64
50 to less than 60 years	7	0	30	37
60 years and over	8	0	17	25
Total	17	0	148	165

NUMBER OF FARMERS BY MARITAL STATUS OF FARMER AND CONTROL OF FARM INCOME

Marital Status of Farmer	CONTROL OF FARM INCOME			Total
	I take charge and decide how how to spend	My spouse takes charge and decides how to spend	My spouse and I both plan together how to spend	
Single	0	0	0	0
Married	17	0	98	115
Widowed	0	0	0	0
Divorced	0	0	0	0
Common Law	0	0	50	50
Total	17	0	148	165

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND CONSULTATION WITH SPOUSE

Size Group of Farm (acres)	CONSULTATION WITH SPOUSE		Total
	Yes	No	
½ - / 2	58	0	58
2 - / 5	64	17	81
5 - / 10	24	0	24
10+	2	0	2
Total	148	17	165

NUMBER OF FARMERS BY MARITAL STATUS OF FARMER AND CONSULTATION WITH SPOUSE

Marital Status of Farmer	CONSULTATION WITH SPOUSE		Total
	Yes	No	
Single	0	0	0
Married	98	15	113
Widowed	0	2	2
Divorced	0	0	0
Common Law	50	0	50
Total	148	17	165

NUMBER OF FARMERS BY EXPERIENCE IN FARMING AND CONSULTATION WITH SPOUSE

Experience in Farming	CONSULTATION WITH SPOUSE		Total
	Yes	No	
5 to less than 10 years	6	0	6
10 to less than 20 years	19	0	19
20 years and over	123	17	140
Total	148	17	165

NUMBER OF FARMERS BY HIGHEST LEVEL OF EDUCATIONAL ATTAINMENT OF FARMER AND CONSULTATION WITH SPOUSE

Educational Attainment of Farmer	CONSULTATION WITH SPOUSE		Total
	Yes	No	
Primary Illiterate	9	0	9
Primary Literate	139	17	156
Jamal	0	0	0
Secondary	0	0	0
Vocational	0	0	0
Other	0	0	0
Total	148	17	165

NUMBER OF FARMERS BY HIGHEST LEVEL OF EDUCATIONAL ATTAINMENT OF SPOUSE AND CONSULTATION WITH SPOUSE

Educational Attainment of Spouse	CONSULTATION WITH SPOUSE		Total
	Yes	No	
Primary Illiterate	0	0	0
Primary Literate	148	17	165
Jamal	0	0	0
Secondary	0	0	0
Vocational	0	0	0
Other	0	0	0
Total	148	17	165

NUMBER OF FARMERS BY AGE GROUP OF FARMER AND CONSULTATION WITH SPOUSE

Age Group of Farmer	CONSULATION WITH SPOUSE		Total
	Yes	No	
Less than 20 years	0	0	0
20 to less than 30 years	18	0	18
30 to less than 40 years	21	0	21
40 to less than 50 years	62	2	64
50 to less than 60 years	30	7	37
60 years and over	17	8	25
Total	148	17	165

NUMBER OF FARMERS WHO CONSULT WITH SPOUSE BY SIZE GROUP OF FARM AND RESPONSE OF SPOUSE

Size Group of Farm (acres)	RESPONSE OF SPOUSE			Total
	Agree right away	Agree only after careful thought	Care very little	
½ - / 2	0	58	0	58
2 - / 5	0	64	0	64
5 - / 10	0	24	0	24
10+	0	2	0	2
Total	0	148	0	148

NUMBER OF FARMERS WHO CONSULT WITH SPOUSE BY HIGHEST LEVEL OF EDUCATIONAL ATTAINMENT OF FARMER AND RESPONSE OF SPOUSE

Educational Attainment of Farmer	RESPONSE OF SPOUSE			Total
	Agree right away	Agree only after careful thought	Care very little	
Primary Illiterate	0	9	0	9
Primary Literate	0	139	0	139
Jamal	0	0	0	0
Secondary	0	0	0	0
Other	0	0	0	0
Total	0	148	0	148

(12)

NUMBER OF FARMERS WHO CONSULT WITH SPOUSE BY EXPERIENCE IN FARMING AND RESPONSE OF SPOUSE

Experience in Farming	RESPONSE OF SPOUSE			Total
	Agree right away	Agree only after careful thought	Care very little	
Less than 2 years	0	0	0	0
2 to less than 5 years	0	0	0	0
5 to less than 10 years	0	6	0	6
10 to less than 20 years	0	19	0	19
20 years and over	0	123	0	123
Total	0	148	0	148

NUMBER OF FARMERS BY AGE GROUP OF FARMER AND RESPONSE OF SPOUSE

Age Group of Farmer	RESPONSE OF SPOUSE			Total
	Agree right away	Agree only after careful thought	Care very little	
Less than 20 years	0	0	0	0
20 to less than 30 years	0	18	0	18
30 to less than 40 years	0	21	0	21
40 to less than 50 years	0	62	0	64
50 to less than 60 years	0	31	0	31
60 years and over	0	16	0	16
Total	0	148	0	148

NUMBER OF FARMERS BY MARITAL STATUS OF FARMER AND RESPONSE OF SPOUSE

Marital Status of Farmer	RESPONSE OF SPOUSE			Total
	Agree right away	Agree only after careful thought	Care very little	
Single	0	0	0	0
Married	0	98	0	98
Widowed	0	0	0	0
Divorced	0	0	0	0
Common Law	0	50	0	50
Total	0	148	0	148

NUMBER OF FARMERS WHO CONSULT WITH SPOUSE BY AGE GROUP OF FARMER AND AGE GROUP OF SPOUSE

Age Group of Farmer	AGE GROUP OF SPOUSE (YEARS)						Total
	∠ 20	20 - ∠ 30	30 - ∠ 40	40 - ∠ 50	50 - ∠ 60	60+	
Less than 20 years	0	0	0	0	0	0	0
20 to less than 30 years	6	12	0	0	0	0	18
30 to less than 40 years	0	9	12	0	0	0	21
40 to less than 50 years	0	0	12	43	7	0	62
50 to less than 60 years	0	0	0	23	8	0	31
60 years and over	0	0	0	1	9	6	16
Total	6	21	24	67	24	6	148

NUMBER OF FARMERS WHO CONSULT WITH SPOUSE BY MAIN OCCUPATION OF FARMER AND MAIN OCCUPATION OF SPOUSE

Main Occupation of Farmer	MAIN OCCUPATION OF SPOUSE								Total
	Farmer	Housewife not willing to work	Housewife willing to work	Farm Labourer	Other Labourer	Other Employed	Unemployed willing to work	Unemployed not willing to work	
Farmer	7	116	19	0	0	0	0	6	148
Farm Labourer	0	0	0	0	0	0	0	0	0
Other Labourer	0	0	0	0	0	0	0	0	0
Unemployed not willing to work	0	0	0	0	0	0	0	0	0
Unemployed willing to work	0	0	0	0	0	0	0	0	0
Total	7	116	19	0	0	0	0	6	148

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND FARM TRAINING OF SPOUSE

Size Group of Farm (acres)	FARM TRAINING OF SPOUSE				Total
	None	Field Days	Training Division of Ministry of Agriculture	On farm Training	
½ - / 2	0	0	0	58	58
2 - / 5	10	0	0	71	81
5 - / 10	0	0	0	24	24
10+	0	0	0	2	2
Total	10	0	0	155	165

NUMBER OF FARMERS BY EXPERIENCE IN FARMING AND FARM TRAINING OF SPOUSE

Experience in Farming	FARM TRAINING OF SPOUSE				Total
	None	Field Days	Training Division of Ministry of Agriculture	On farm Training	
Less than 2 years	0	0	0	0	0
2 to less than 5 years	0	0	0	0	0
5 to less than 10 years	0	0	0	6	6
10 to less than 20 years	0	0	0	19	19
20 years and over	10	0	0	130	140
Total	10	0	0	155	165

NUMBER OF FARMERS BY HIGHEST LEVEL OF EDUCATIONAL ATTAINMENT OF FARMER, AND FARM TRAINING OF SPOUSE

Educational Attainment of Farmer	FARM TRAINING OF SPOUSE				Total
	None	Field Days	Training Division of Ministry of Agriculture	On Farm Training	
Primary Illiterate	0	0	0	9	9
Primary Literate	10	0	0	146	156
Jamal	0	0	0	0	0
Secondary	0	0	0	0	0
Vocational	0	0	0	0	0
Other	0	0	0	0	0
Total	10	0	0	155	165

NUMBER OF FARMERS BY MARITAL STATUS OF FARMER AND RESPONSE OF SPOUSE

Marital Status of Farmer	RESPONSE OF SPOUSE			Total
	Agree right away	Agree only after careful thought	Care very little	
Single	0	0	0	0
Married	0	98	0	98
Widowed	0	0	0	0
Divorced	0	0	0	0
Common Law	0	50	0	50
Total	0	148	0	148

NUMBER OF FARMERS WHO CONSULT WITH SPOUSE BY AGE GROUP OF FARMER AND AGE GROUP OF SPOUSE

Age Group of Farmer	AGE GROUP OF SPOUSE (YEARS)						Total
	∠ 20	20 - ∠ 30	30 - ∠ 40	40 - ∠ 50	50 - ∠ 60	60+	
Less than 20 years	0	0	0	0	0	0	0
20 to less than 30 years	6	12	0	0	0	0	18
30 to less than 40 years	0	9	12	0	0	0	21
40 to less than 50 years	0	0	12	43	7	0	62
50 to less than 60 years	0	0	0	23	8	0	31
60 years and over	0	0	0	1	9	6	16
Total	6	21	24	67	24	6	148

NUMBER OF FARMERS WHO CONSULT WITH SPOUSE BY MAIN OCCUPATION OF FARMER AND MAIN OCCUPATION OF SPOUSE

Main Occupation of Farmer	MAIN OCCUPATION OF SPOUSE								Total
	Farmer	Housewife not willing to work	Housewife willing to work	Farm Labourer	Other Labourer	Other Employed	Unemployed willing to work	Unemployed not willing to work	
Farmer	7	116	19	0	0	0	0	6	148
Farm Labourer	0	0	0	0	0	0	0	0	0
Other Labourer	0	0	0	0	0	0	0	0	0
Unemployed not willing to work	0	0	0	0	0	0	0	0	0
Unemployed willing to work	0	0	0	0	0	0	0	0	0
Total	7	116	19	0	0	0	0	6	148

NUMBER OF FARMERS BY SIZE GROUP OF FARM AND FARM TRAINING OF SPOUSE

Size Group of Farm (acres)	FARM TRAINING OF SPOUSE				Total
	None	Field Days	Training Division of Ministry of Agriculture	On farm Training	
½ - / 2	0	0	0	58	58
2 - / 5	10	0	0	71	81
5 - / 10	0	0	0	24	24
10+	0	0	0	2	2
Total	10	0	0	155	165

NUMBER OF FARMERS BY EXPERIENCE IN FARMING AND FARM TRAINING OF SPOUSE

Experience in Farming	FARM TRAINING OF SPOUSE				Total
	None	Field Days	Training Division of Ministry of Agriculture	On farm Training	
Less than 2 years	0	0	0	0	0
2 to less than 5 years	0	0	0	0	0
5 to less than 10 years	0	0	0	6	6
10 to less than 20 years	0	0	0	19	19
20 years and over	10	0	0	130	140
Total	10	0	0	155	165

NUMBER OF FARMERS BY HIGHEST LEVEL OF EDUCATIONAL ATTAINMENT OF FARMER, AND FARM TRAINING OF SPOUSE

Educational Attainment of Farmer	FARM TRAINING OF SPOUSE				Total
	None	Field Days	Training Division of Ministry of Agriculture	On Farm Training	
Primary Illiterate	0	0	0	9	9
Primary Literate	10	0	0	146	156
Jamal	0	0	0	0	0
Secondary	0	0	0	0	0
Vocational	0	0	0	0	0
Other	0	0	0	0	0
Total	10	0	0	155	165

NUMBER OF FARMERS BY AGE GROUP OF FARMER AND FARM TRAINING OF SPOUSE

Age Group of Farmer	FARM TRAINING OF SPOUSE				Total
	None	Field Days	Training Division of Ministry of Agriculture	On Farm Training	
Less than 20 years	0	0	0	0	0
20 to less than 30 years	0	0	0	18	18
30 to less than 40 years	0	0	0	21	21
40 to less than 50 years	2	0	0	62	64
50 to less than 60 years	6	0	0	31	37
60 years and over	2	0	0	23	25
Total	10	0	0	155	165

NUMBER OF SPOUSES BY HIGHEST LEVEL OF EDUCATIONAL ATTAINMENT OF SPOUSES AND FARM TRAINING OF SPOUSE

Educational Attainment of Spouse	FARM TRAINING OF SPOUSE				Total
	None	Field Days	Training Division of Ministry of Agriculture	On Farm Training	
Primary Illiterate	0	0	0	0	0
Primary Literate	10	0	0	155	165
Jamal	0	0	0	0	0
Secondary	0	0	0	0	0
Vocational	0	0	0	0	0
Other	0	0	0	0	0
Total	10	0	0	155	165

NUMBER OF SPOUSES BY AGE GROUP AND FARM TRAINING OF SPOUSE

Age Group of Spouse	FARM TRAINING OF SPOUSE				Total
	Field or one-day Training	Ministry of Agriculture Training Division	On farm Training	None	
Less than 20 years	0	0	6	0	6
20 to less than 30 years	0	0	20	0	20
30 to less than 40 years	0	0	25	8	33
40 to less than 50 years	0	0	71	0	71
50 to less than 60 years	0	0	23	0	23
60 years and over	0	0	10	2	12
Total	0	0	155	10	165

NUMBER OF SPOUSES BY MAIN OCCUPATION OF SPOUSE AND FARM TRAINING OF SPOUSE

Main Occupation of Spouse	FARM TRAINING OF SPOUSE				Total
	Field or One-day Training	Ministry of Agriculture Training Division	On Farm Training	None	
Farmer	0	0	7	0	7
Housewife not willing to work	0	0	123	8	131
Housewife willing to work	0	0	19	0	19
Farm Labourer	0	0	0	0	0
Other Labourer	0	0	0	0	0
Other Employed	0	0	0	2	2
Unemployed willing to work	0	0	0	0	0
Unemployed not willing to work	0	0	6	0	6
Total	0	0	155	10	165

NUMBER OF SPOUSES BY EXPERIRENCE IN FARMING AND FARM TRAINING OF SPOUSE

Experience of Spouse in Farming	FARM TRAINING OF SPOUSE				Total
	Field or one-day Training	Ministry of Agriculture Training Division	On Farm Training	None	
Less than 2 years	0	0	0	8	8
2 to less than 5 years	0	0	6	0	6
5 to less than 10 years	0	0	12	0	12
10 to less than 20 years	0	0	25	0	25
20 years and over	0	0	112	2	114
Total	0	0	155	10	165

NUMBER OF FARMERS BY AGE GROUP AND NUMBER OF ROOMS

Age Group of Farmer	NUMBER OF ROOMS				Total
	One	Two	Three	Four or more	
Less than 20 years	0	0	0	0	0
20 to less than 30 years	2	12	6	8	28
30 to less than 40 years	0	12	6	3	21
40 to less than 50 years	0	25	32	9	66
50 to less than 60 years	6	22	8	26	62
60 years and over	8	7	24	15	54
Total	16	78	76	61	231

APPENDIX VII

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