

FORM AC2

STATISTICAL INSTITUTE OF JAMAICA
CENSUS OF AGRICULTURE 1996

Confidential
Statistical Act
Cap. 368

QUESTIONNAIRE

SECTION I - IDENTIFICATION OF HOLDING

Parish		Constituency		ED NO.			Holding No		

PARISH: _____

CONSTITUENCY: _____

SECTION 2 - CHARACTERISTICS OF HOLDER

2.1 Name of Holder _____

Individual/ Establishment/ Institution

2.2 Address of Holder _____

2.3 Name of Respondent _____

2.4 Address of Respondent _____

2.5 Relationship of Respondent to Holder

Holder	Holder's Spouse	Holder's Child	Other Relative	Hired Manager	Other
<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6

2.6 Is this holding managed by the holder or by a hired manager?

Holder

Hired Manager

☐ 1☐ 2

2.7 Legal Status of Holder

☐ 1 Individual☐ 5 Government☐ 2 Partnership☐ 6 Other (Specify)☐ 3 Cooperative☐ 9 Not Stated☐ 4 Private Company

GO TO QUES 2.19

GO TO QUES 2.19

2.8 In what month and year were you born?

Month 19 8 Don't Know

2.9 How old were you on your last birthday?

2.10 Sex of Holder 1 Male 2 Female

2.11 Do you/does the holder live on the holding? 1 Yes 2 No 9 Not Stated

2.12 What is your/ the holder's principal means of livelihood?

- 1 Farming
- 2 Agricultural employment
- 3 Non-Agricultural activity
- 9 Not stated

2.13 What is your/ the holder's highest level of educational attainment?

Level	No of years attended
<input type="text"/> 1 None	
<input type="text"/> 2 Primary/Preparatory	<input type="text"/> <input type="text"/>
<input type="text"/> 3 Secondary	<input type="text"/> <input type="text"/>
<input type="text"/> 4 Tertiary (excluding university)	<input type="text"/> <input type="text"/>
<input type="text"/> 5 University	<input type="text"/> <input type="text"/>
<input type="text"/> 6 Other (Specify) _____	<input type="text"/> <input type="text"/>
<input type="text"/> 9 Not Stated	<input type="text"/> <input type="text"/>

2.14 What is your/the holder's main occupation? _____

2.15 Have you/has the holder ever had any training in agriculture either in Jamaica or abroad? Or are you/is the holder attending a training course in agriculture now?

☐ 1 Yes ☐ 2 No ☐ 9 Not Stated

Go to question 2.18

2.16 How did you receive this training?

☐ 1 Demonstration/ Field Day ☐ 2 At an Institution

If DEMONSTRATION/ FIELD DAY ONLY Go to Question 2.18

2.17 Which of the following institutions did you/the holder attend or are you/ is the holder attending now? (tick all the relevant codes).

NAME OF INSTITUTION	CODE	Type of qualification received on completion;				
		1-none	2-certificate	3-diploma	4-degree	9-not stated
Farmer's Training Centre	01	1	2	3	4	9
Eltham Training Centre	02	1	2	3	4	9
Montpelier Training Centre	03	1	2	3	4	9
Knockalva Agricultural School	04	1	2	3	4	9
Dinthill Training Centre	05	1	2	3	4	9
Holmwood Training Centre	06	1	2	3	4	9
Ebony Park Training Centre	07	1	2	3	4	9
Elim Agricultural School	08	1	2	3	4	9
Jamaica School of Agriculture	09	1	2	3	4	9
College of Agriculture	10	1	2	3	4	9
UWI - St Augustine, Trinidad	11	1	2	3	4	9
Other Overseas College/ University	12	1	2	3	4	9
Other (Specify) _____	13	1	2	3	4	9

2.18 How many years have you/ has the holder been operating
a holding?

2.19 How did you/ the holder obtain information about farming in
the past year?

- ☐ 1 Agricultural Extension Officer - RADA
- ☐ 2 Agricultural Extension Officer - Commodity Association
- ☐ 3 Radio
- ☐ 4 Television
- ☐ 5 Newspapers & Magazines
- ☐ 6 Other Farmers
- ☐ 7 J.A.S
- ☐ 8 McDonald Almanac
- ☐ 9 Farm Store
- ☐ 10 Other (Specify) _____
- ☐ 99 Not Stated

2.20 What type of agricultural activity provided you/ the holder
with the most income in the past year?

- | | | |
|---|---|---|
| <input type="checkbox"/> 01 Traditional
Export Crops | <input type="checkbox"/> 05 Dairy Cattle | <input type="checkbox"/> 09 Other (Specify) _____ |
| <input type="checkbox"/> 02 Other Crops | <input type="checkbox"/> 06 Poultry Farming | <input type="checkbox"/> 10 None |
| <input type="checkbox"/> 03 Pig Farming | <input type="checkbox"/> 07 Fish Farming | <input type="checkbox"/> 99 Not Stated |
| <input type="checkbox"/> 04 Beef Cattle | <input type="checkbox"/> 08 Horticulture | |

Traditional Export Crops - sugar cane, banana, citrus,
coffee, cocoa, pimento

SECTION 3 - POPULATION AND EMPLOYMENT

Ask questions 3.1 - 3.4 only of individual and partnership type of holding. Ask Q3.5 of all types of holding.

3.1 How many persons live in your household?

Total

Male

Female

3.2 During the past calendar year, were any members of your/ the holder's household engaged in agricultural work for at least 12 weeks?

☐ 1 YES

☐ 2 NO —> GO TO Q3.4

3.3 If the answer to Q3.2 is yes, complete below:

TYPE OF ACTIVITY	Under 15 years		15-44 years		45-64 years		65 years & over	
	M	F	M	F	M	F	M	F
Agricultural Work								
1. Worked mainly on this holding								
2. Worked mainly on another holding								
TOTAL								

3.4 If the answer to Q3.2 is no, complete below:

TYPE OF ACTIVITY	Under 15 years		15-44 years		45-64 years		65 years & over	
	M	F	M	F	M	F	M	F
Non-Agricultural Work								
Mainly did no work								
TOTAL								

3.5 During the past calendar year did you/ the holder hire any workers to do Agricultural work on your/his/her holding?

☐ YES

☐ NO —> GO TO Q4.1

TYPE OF WORKER	Under 15 years		15-44 years		45-64 years		65 years & over	
	M	F	M	F	M	F	M	F
1. Permanent Workers								
2. Seasonal workers								
3. Casual (occasional) workers								
Total Hired Workers								

SECTION 4 - LOCATION, SIZE AND TENURE OF HOLDING

4.1 What is the total acreage of the land occupied by you/ the holder?

Acres	Sq

4.2 How many parcels do you/ does the holder occupy?

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4.3 Please state the following information for each parcel that you occupy:

P A R C E L No (1)	Location of Parcel (2)	Parish of Location (3)	Code (4)	Type of Tenure Code (5)	Size of Parcel Acreage (6)		Acreage Rented Out (7)		Net Acreage Occupied (8)	
					Acres	Sq	Acres	Sq	Acres	Sq
01										
02										
03										
04										
05										
06										
07										
08										
09										
10										
TOTAL										

TYPE OF TENURE CODES

- 01 - Owned - Registered Title
- 02 - Owned - Other
- 03 - Rented (from others)
- 04 - Leased
- 05 - Squatting - Government Lands
- 06 - Squatting - Private Lands
- 07 - Rent Free - Family Land
- 08 - Rent Free - Other
- 09 - Other (Specify) _____
- 99 - Not Stated

FOR CROPS IN PURE STAND ONLY

[illegible]

SECTION 6 - CROP CULTIVATION HARVESTING AND DISPOSAL

For each crop listed please indicate the following:

Crop (1)	Crop Code (2)	Under cultivation at present			Harvested Last calendar year			Major Market Outlet Code (7)	
		Acres	Sq	No. of roots/ trees (4)	Acres	Sq	No. of roots/ trees (6)		
		(3)			(5)				
PERMANENT CROPS	100								
Avocado	101								
Banana	102								
Cocoa	103								
Coconut	104								
Coffee	105								
Grapefruit	106								
Orange	107								
Ortanique	108								
Mango	109								
Pimento	110								
Plantain	111								
Sugar Cane	112								
Other	113								
LEGUMES	200								
Red Peas	201								
Other	202								
VEGETABLES	300								
Cabbage	301								
Carrot	302								
Pumpkin	303								
Tomato	304								
Other	305								
CONDIMENTS	400								
Hot Pepper	401								
Sweet Pepper	402								
Other	403								

0

Sq

SECTION 6 - CROP CULTIVATION HARVESTING AND DISPOSAL

For each crop listed please indicate the following:

Crop (1)	Crop Code (2)	Under cultivation at present			Harvested Last calendar year			Major Market Outlet Code (8)
		Acres	Sq	No. of roots/ trees (4)	Acres	Sq	No. of roots/ trees (6)	
		(3)			(5)			
FRUITS	500							
Pawpaw	501							
Pineapple	502							
Watermelon	503							
Other	504							
CEREALS	600							
Ordinary corn	601							
Other	602							
POTATOES	700							
Irish potato	701							
Sweet potato	702							
YAMS	800							
Yellow yam	801							
Other	802							
OTHER TUBERS	900							
Cassava	901							
Other	902							
OTHER	998							
TOTAL								

Major Market Outlet Codes

- 01 - Higgler
- 02 - Hotel, Guest House, Restaurant
- 03 - Supermarket, Farm Store
- 04 - Parochial Market
- 05 - Wayside Market
- 06 - Agro - Processor
- 07 - Exporter
- 08 - Home Consumption
- 09 - Other
- 99 - Not Stated

SECTION 7 LIVESTOCK AND POULTRY

7.1 Do you/ does the holder rear any livestock or poultry on your/his/her holding?

☐ 1 YES
 ☐ 2 NO —> GO TO Q8.1
 ☐ 9 NOT STATED

IF NUMBER OF ANIMALS NOT GIVEN WRITE "099"

Livestock & Poultry	Code	Number on Holding at Census Day
CATTLE	100	
Cows - mainly for milk	101	
Cows - mainly for meat	102	
Bulls	103	
Heifers	104	
Steers	105	
Male calves	106	
Female calves	107	
PIGS	200	
Sows	201	
Boars	202	
Gilts	203	
Fatteners	204	
Weaners	205	
Piglets	206	
Other pigs	207	

SECTION 7 (CONT'D)

Livestock & Poultry	Code	Number on Holding at Census day	
POULTRY	300		Poultry Capacity (Square feet)
Broilers	301		
Layers	302		
Breeders	303		
Ducks	304		
Turkeys	305		
Other poultry	306		
OTHER LIVESTOCK	400		
Goats	401		
Male	402		
Female	403		
Sheep	404		
Male	405		
Female	406		
Horses	407		
Mules	408		
Donkeys	409		
BEEHIVES (No. of boxes)	500		Freshwater Fish Capacity (Acreage)
Freshwater fish	600		

8.1 D
PType
timber

(1)

TOTAL

Cedar

Mahoe

Mahog

Pine

Spani

Other
(Spec

SECTION 8 - ADDITIONAL ACTIVITIES

8.1 Do you/ does the holder have any type of timber (forest product) trees planted on your/his/her holding?

☐ 1 YES ☐ 2 NO —> GO TO Q8.2 ☐ 9 NOT STATED

Type of timber (1)	Code (2)	C O M P A C T		S P A C I N G		No of trees planted in scattered plantings as at Census day (5)	No of trees harvested last calendar year (6)	Major Market Outlet Code (7)
		No of acres planted as at Census day (3)		No of trees planted as at Census day (4)				
		Acres	Sq					
TOTAL	800							
Cedar	801							
Mahoe	802							
Mahogany	803							
Pine	804							
Spanish Elm	805							
Other (Specify) _____	806							

Major Market Outlet Codes

- 1 - Forest Industries Development Company (FIDCO)
- 2 - Forestry Department
- 3 - Private Lumber yard/ Sawmills
- 4 - Jamaica Public Service Co Ltd
- 5 - Furniture Manufacturers
- 6 - Private Individuals
- 7 - Other
- 9 - Not Stated

8.2 Do you/ does the holder cultivate any type of grass for fodder or forage purposes on your/ his or her holding?

☐ 1 YES ☐ 2 NO —> GO TO Q8.3 ☐ 9 NOT STATED

Type of cultivated (improved) grass	ACREAGE		
	Code	Acres	Sq
TOTAL	900		
African Star	901		
Coastal Bermuda	902		
Guinea	903		
King	904		
Napier	905		
Pangola	906		
Brachiaria	907		
Other (Specify) _____	908		

8.3 Do you/does the holder grow ornamental plants and or flowers?

☐ 1 YES ☐ 2 NO —> GO TO Q9.1 ☐ 9 NOT STATED

Type of Plant	Code	Under Cultivation at Present			Harvested Last Calendar Year	
		Acres	Sq	No of Plants	Unit	No
BLOOMS	909					
Anthuriums	910					
Roses	911					
Chrysanthemums	912					
Ginger Lilies	913					
Heliconias	914					
Gerberas	915					
Orchids	916					
Other (Specify) _____	917					
FOLIAGE PLANTS	918					
SHRUBS & TREES	919					
POTTED PLANTS	920					
OTHER (Specify) _____	921					

Unit Codes

- 1 - Dozen blooms
- 2 - Cuttings
- 3 - Trees
- 4 - Pots

SECTION 9 - AGRICULTURAL MACHINERY AND EQUIPMENT

9.1 Please indicate the ownership and use of the Machinery and Equipment listed which were wholly or partly used for Agricultural Production on your/the holder's holding during the last calendar year.

	Code	Number owned (Census day)	Number used (last calendar year)
A. Land Clearing Equipment	010		
Bulldozers	011		
Graders and land levellers	012		
Other (Specify) _____	013		
B. Milking Machinery & Equipment	020		
Milking Machines	021		
Milk Coolers	022		
Milk Separators	023		
Other (Specify) _____	024		
C. Farm Transport Equipment	030		
Trucks and vans	031		
Jeeps, cars, station wagons	032		
Carts and wagons-animal drawn	033		
Trailers	034		
Wheel barrows	035		
Other (Specify) _____	036		
D. Mowers etc.	040		
Brush cutters	041		
Other (Specify) _____	042		
E. Harvesters, Processors, Threshing Machines	050		
Threshing Machines	051		
Harvesters	052		
Driers	053		
Grading machines	054		
Pulpers and washers	055		
Hullers and shellers	056		
Threshers	057		
Other (Specify) _____	058		

SECTION 9 - AGRICULTURAL MACHINERY AND EQUIPMENT (CONT'D)

	Code	Number owned (Census day)	Number used (last calendar year)
F. Ploughs, Tillers, Harrows	060		
Ploughs	061		
Rotary hoe	062		
Harrows	063		
Other (Specify) _____	064		
G. Poultry machinery and equipment	070		
Feeders	071		
Waterers	072		
Debeaking machines	073		
Brooder lamps	074		
Brooder screens	075		
Grading machines	076		
Sprayers	077		
Platform scales	078		
Bulk bins	079		
Other (Specify) _____	081		
H. Irrigation Equipment	090		
Sprinklers for Overhead System	091		
Other Sprinklers	092		
Pumps	093		
Other (Specify)	094		
I. Stationary Power Producing Machinery	100		
Electric motors	101		
Electric generators	102		
Other (Specify) _____	103		

SECTION 9 - AGRICULTURAL MACHINERY AND EQUIPMENT (CONT'D)

	Code	Number owned (Census day)	Number used (last calendar year)
J. Tractors	110	.....	.....
Crawler	111		
Wheeled	112		
Other	113		
K. Sprayers and Dusters	120	.....	.....
Knapsack sprayers	121		
Mistblowers	122		
Other (specify)	123		
L. Mechanical Handling Machines	130	.....	.....
Cranes, winches and hoists	131		
Elevators and conveyors	132		
Other (specify)	133		
M. Other Machinery and Equipment	140	.....	.....
Fertilizer spreaders	141		
Planters, seeders, drillers	142		
Other (specify)	143		
N. Small Manual Equipment	150	.....	.....
Forks	151		
Hoes	152		
Pick axes	153		
Machetes	154		
Other (Specify)	155		

SECTION 10 - PRODUCTION AND MARKETING PROBLEMS

10.1 What were the three major problems in farming and or marketing during the last calendar year? State at most three (3).

- ☐ 01 Praedial larceny
- ☐ 02 High cost of farm inputs
- ☐ 03 High interest rates
- ☐ 04 Low labour productivity
- ☐ 05 Difficulty in obtaining labour
- ☐ 06 Poor condition of roads
- ☐ 07 High transportation costs
- ☐ 08 Low farm gate prices
- ☐ 09 Inadequate water supply
- ☐ 10 Unavailability of credit
- ☐ 11 Too much collateral required for credit
- ☐ 12 Lack of electricity
- ☐ 14 Destruction by animals
- ☐ 15 Poor weather conditions
- ☐ 16 Other _____
(Specify)
- ☐ 99 Not Stated

SECTION 11 - SELECTED PRACTICES AND FACILITIES

11.1 Were any CHEMICAL FERTILIZERS applied on your/ the holder's holding during the last calendar year?

☐ 1 YES ☐ 2 NO ———> GO TO Q11.4 ☐ 9 NOT STATED

11.2 How many acres were fertilized during the last calendar year?

Acres	Sq

11.3 In what quantities where the following types of fertilizers used during the last calendar year?

Type of fertilizer (1)	Code (2)	Unit (write in) (3)	Number of units (4)
Urea	01		
Sulphate of ammonia	02		
Mixed fertilizers	03		
Other inorganic fertilizers	04		
Organic fertilizers	05		

11.4 Were any pesticides/fungicides/weedicides or other agricultural chemicals used on the holding during the last calendar year?

☐ 1 YES ☐ 2 NO → GO TO Q11.6 ☐ 9 NOT STATED

11.5 State the acreage on which the following chemical products were used during the last calendar year?

Category	Code	Acreage			
		Acres		Sq	
Pesticides	01				
Fungicides	02				
Herbicides/ Weedicides	03				
Insecticides on animals	04	Number of Animals			

11.6 Did you/ the holder irrigate any land on the holding during the last calendar year?

☐ 1 YES ☐ 2 NO → GO TO Q11.9 ☐ 9 NOT STATED

11.7 How many acres were irrigated at least once during the last calendar year, by each of the following methods?

Methods of Irrigation	Code	Acreage	
		Acres	Sq
Drip/ trickle system	01		
Sprinkler system	02		
Flooding	03		
Furrows	04		
Other (Specify) _____	05		

11.8 What was the main source of water supply for irrigation during the last calendar year?

- | | |
|---|--|
| <input type="checkbox"/> 1 Public - piped to holding | <input type="checkbox"/> 6 Pond |
| <input type="checkbox"/> 2 Private - piped to holding | <input type="checkbox"/> 7 Trucked water |
| <input type="checkbox"/> 3 Private catchment | <input type="checkbox"/> 8 Other Specify _____ |
| <input type="checkbox"/> 4 Well | <input type="checkbox"/> 9 Not Stated |
| <input type="checkbox"/> 5 Spring/ Stream/ River | |

11.9 Did you/ the holder obtain any credit to facilitate the operation of the holding during the last calendar year?

- | | | |
|--------------------------------|---|---------------------------------------|
| <input type="checkbox"/> 1 YES | <input type="checkbox"/> 2 NO —> GO TO Q11.11 | <input type="checkbox"/> 9 NOT STATED |
|--------------------------------|---|---------------------------------------|

11.10 What were the sources of the credit and the level of difficulty faced in obtaining it? (tick all the relevant codes).

Source of Credit	Code	Level of Difficulty		
		Difficult	Not Difficult	Not Stated
P.C. Bank	1	1	2	9
Commercial Bank	2	1	2	9
J.A.D.F	3	1	2	9
Farm Store/Commodity Boards	4	1	2	9
Formal Contract Credit	5	1	2	9
Other (Specify) _____	6	1	2	9
Not Stated	9	1	2	9

11.11 Do you/ does the holder have insurance coverage on each of the following? (tick all the relevant codes).

Item	Code	Insurance Coverage		
		Yes	No	Not Stated
Crops	1	1	2	9
Animals	2	1	2	9
Machinery	3	1	2	9
Dwelling	4	1	2	9
Buildings	5	1	2	9
Other	6	1	2	9

11.12 Where do you normally save money? (Tick all the relevant codes).

- ☐ 0 Commercial Bank
- ☐ 1 Merchant Bank
- ☐ 2 Building Society
- ☐ 3 Insurance Company
- ☐ 4 Credit Union
- ☐ 5 Partner
- ☐ 6 Lawyer
- ☐ 7 Other (Specify) _____
- ☐ 8 Does Not Save
- ☐ 9 Not Stated

NOTES AND COMMENTS

Comple

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Receiv

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Return

Date: 1/1

Date: / /

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SECTION 2 - HOUSEHOLD LISTING SCHEDULE

[illegible]

**** Categories**
1 = Single Holder
2 = Joint Holder
3 = Hired Manager

