

GRENADA

STATUTORY RULES AND ORDERS NO. 20 OF 2012

THE MINISTER RESPONSIBLE FOR STATISTICS IN EXERCISE OF THE POWERS CONFERRED ON HIM BY SECTION 5 OF THE STATISTICS ACT, CAP. 311 OF THE 2010 CONTINUOUS REVISED EDITION OF THE LAWS OF GRENADA MAKES THE FOLLOWING ORDER:

(Gazetted 3rd August, 2012).

1. **Citation.** This Order may be cited as the

AGRICULTURAL CENSUS ORDER, 2012.

2. **Agricultural Census Period.** An Agricultural Census for the State of Grenada shall be taken during the period 7th October, 2012 to 30th December 2012, inclusive.

3. **Information to be obtained and particulars to be stated.** The information required for the Agricultural Census and the particulars to be stated in the Census forms shall be those set out in Schedule I of this Order.

4. **Forms.** The forms as set out in Schedule II to this Order shall be used for the collection of statistics for the purposes of the Agricultural Census.

SCHEDULE I

(Section 3)

General Information: Address of dwelling or household, name and sex of head of household, number of persons living in the household, number of mahogany trees owned by household, number of persons in household who fish, make coals, practise agro-forestry, agro-processing, own nursery, or pot plants, ownership of at least 1/4 acre of temporary crops or at least 25 permanent plants, ownership of livestock.

General Information on Farmer: Legal status of farm, sex, age, education and main occupation of farmer during the last twelve months.

Household characteristics: Head of household, sex and age of household members, paid and unpaid non-household members by sex and age.

Total land and land tenure by Parcel: Number of parcels operated, acreage of farm and slope of land.

Actual land use: Land use of parcel by plot, temporary crops harvested and irrigation practised on the parcel.

Livestock: Number of cattle, sheep, goats, pigs, poultry, and other livestock, machinery and equipment owned, rented or borrowed by farmer. Use of chemical fertilizer, organic manure or Agro-chemicals.

Other miscellaneous information: Point of sale of production, membership of organisation. Technical assistance received from organisations, institutions providing credit, percentage of income received from farms. Recordkeeping. Production issues.



SCHEDULE II

(SECTION 4)

FARM QUESTIONNAIRE

GRENADA AGRICULTURAL CENSUS (GAC)

I RESPONSIBILITIES

GAC-02

| | | | | | |
|---------------------------|------|-------------------|------|------------------------------|------|
| Enumerator's Name | Date | Supervisor's Name | Date | District Co-ordinator's Name | Date |
| Quality Controller's Name | Date | Coder's Name | Date | Entry Operator's Name | Date |

II QUESTIONNAIRE IDENTIFICATION

| | | | | | | | | | |
|----------|-------------------|--------|----|----|----------|--|--|--|--|
| 0 | 1 | | | | | | | | |
| Register | Questionnaire No. | Parish | WS | ED | Farm No. | | | | |

III FARM AND FARMER'S TODAY

| | | | | |
|----|--------|---------|----------|------------------|
| 01 | Parish | Village | Location | Name of The Farm |
|----|--------|---------|----------|------------------|

| | | | | | |
|---------------|-------------|-----------|-------|-------------------------------|--|
| Farmer's Name | | | | Farmer's Address | |
| First Name | Middle Name | Last Name | Alias | Village/Location/Street & No. | |

| | | | |
|-----------------------------|-------------|-------------|-------------|
| Contact Information (Phone) | | | |
| Home Number | Work Number | Cell Number | Cell Number |

| | | | |
|-------------------------------------|-----------|--|-----------|
| Informant's Name, if Not the Farmer | | Household Head Name, if Not the Farmer | |
| First Name | Last Name | First Name | Last Name |

Remarks _____

Official Use Only

DATA ENTRY

1

| | | |
|----------|-------------------|-------|
| 9 | 2 | |
| Register | Questionnaire No. | |

IV FARMER AND HOUSEHOLD POPULATION INFORMATION

02 What Is The Legal Status Of The Farm?

| | |
|--|---|
| Individual | 1 |
| 2 Or More Of Same Household | 2 |
| Joint Farmer (2 Or More Members Of Different Households) | 3 |

| | |
|-------------|---|
| Company | 4 |
| Cooperative | 5 |
| Government | 6 |
| Other | 7 |
| No Answer | 9 |

Go to

03 What is the total number of persons living in this household? (see question 6 on Short Form)

04 Who Were The Persons 15 years and over Living In This Household During The Last Week (Sunday Through Saturday) and the average unpaid hours worked per week on the farm?

| Number | First Name & Last Name | Sex | | Age | Average No. of unpaid Hours worked Per Week on the Farm |
|--------|------------------------|------|--------|-----|---|
| | | Male | Female | | |
| 01 | Farmer | 1 | 2 | | |
| 02 | | 1 | 2 | | |
| 03 | | 1 | 2 | | |
| 04 | | 1 | 2 | | |
| 05 | | 1 | 2 | | |
| 06 | | 1 | 2 | | |
| 07 | | 1 | 2 | | |
| 08 | | 1 | 2 | | |
| 09 | | 1 | 2 | | |
| 10 | | 1 | 2 | | |
| 11 | | 1 | 2 | | |
| 12 | | 1 | 2 | | |
| 00 | TOTAL | | | | |

05 Number of persons in the household under 15 years by sex.

| | | | | | | | | |
|------|----------------------|----------------------|--------|----------------------|----------------------|-------|----------------------|----------------------|
| Male | <input type="text"/> | <input type="text"/> | Female | <input type="text"/> | <input type="text"/> | TOTAL | <input type="text"/> | <input type="text"/> |
|------|----------------------|----------------------|--------|----------------------|----------------------|-------|----------------------|----------------------|

2

06 What is the highest Level of Formal Education attained by the Farmer?

| | | | | | |
|------|--------------------------------|---------|--------------------------------|-----------|--------------------------------|
| None | <input type="text" value="1"/> | Primary | <input type="text" value="2"/> | Secondary | <input type="text" value="3"/> |
|------|--------------------------------|---------|--------------------------------|-----------|--------------------------------|

| | | | | | |
|------------|---|----------|---|--|--|
| Vocational | 4 | Tertiary | 5 | | |
|------------|---|----------|---|--|--|

07 What Was The Main Occupation Of The Farmer During The *Last Twelve Months*?

Code

Remarks

0 3
Register Questionnaire No.

V FARM LABOUR INFORMATION

08 a Last Week, Were There Any Unpaid Non-Household Members On The Farm? Yes 1 No 2

| Unpaid Non-Household Members | Total | Males | Females |
|------------------------------|-------|-------|---------|
| | | | |

08 b Last Week, Were There Any Paid Workers On The Farm? Yes 1 No 2

| Paid Workers | | | Cash Or Cash/Kind | | | Only Kind | | |
|--------------|-------|---------|-------------------|-------|---------|-----------|-------|---------|
| Total | Males | Females | Total | Males | Females | Total | Males | Females |
| | | | | | | | | |

Remarks

3

0 4
Register Questionnaire No.

VI TOTAL LAND & LAND TENURE FOR THE FARM BY PARCEL

How Many Parcels of Land does The Farmer Operate on This Farm *Today*?

10

What Is The Total Land Of This Farm *Today* Parcel by Parcel?

| NO | NAME OF THE PARCEL | LOCATION OF THE PARCEL BY PARISH Code | AREA (ACRES) | TENURE CODE | SLOPE OF LAND | | |
|----|--------------------|--|--------------|-------------|---------------|---------|-------|
| | | | | | Flat | Rolling | Steep |
| 01 | | | * | | 1 | 2 | 3 |
| 02 | | | * | | 1 | 2 | 3 |
| 03 | | | * | | 1 | 2 | 3 |
| 04 | | | * | | 1 | 2 | 3 |
| 05 | | | * | | 1 | 2 | 3 |
| 06 | | | * | | 1 | 2 | 3 |
| 07 | | | * | | 1 | 2 | 3 |
| 08 | | | * | | 1 | 2 | 3 |
| 09 | | | * | | 1 | 2 | 3 |
| 10 | | | * | | 1 | 2 | 3 |
| 00 | | TOTAL FARM AREA | * | | | | |

Land Tenure Codes: Owned - 1; Family Land - 2; Government Rented - 3; Private Rented - 4; Free use - 5; Squatted - 6; Other - 9;

4

| | |
|---|----|
| 0 | 5a |
|---|----|

Register Questionnaire No.

| | |
|--|--|
| | |
|--|--|

Parcel No.

| |
|---|
| * |
|---|

Parcel Area (From Question 10)

VII ACTUAL LAND USE OF THIS PARCEL TODAY

11 What is the Actual Land Use Of This Parcel *Today* Plot By Plot?

2012

Agricultural Census Order

SRO. 20

If **Yes**: How Many Cattle Does This Farm Have?

| Male Calves | Female Calves | Steers | Heifers | Bulls | Cows | Total Cattle |
|-------------|---------------|--------|---------|-------|------|--------------|
| | | | | | | |

15 Does This Farm Have Any **Sheep Today**?

Yes 1

No 2

If **Yes**: How Many Sheep Does This Farm Have?

| Male Lambs | Female Lambs | Rams | Ewes | Total Sheep |
|------------|--------------|------|------|-------------|
| | | | | |

16 Does This Farm Have Any **Goats Today**?

Yes 1

No 2

If **Yes**: How Many Goats Does This Farm Have?

| Male Kids | Female Kids | Bucks | Does | Total Goats |
|-----------|-------------|-------|------|-------------|
| | | | | |

17 Does This Farm Have Any **Pigs Today**?

Yes 1

No 2

If **Yes**: How Many Pigs Does This Farm Have?

| Piglets | Gilts | Fatteners | Boars | Sows | Total Pigs |
|---------|-------|-----------|-------|------|------------|
| | | | | | |

18 Does This Farm Have Any **Otter Livestock or Bee Hives**?

Yes 1

No 2

If **Yes**: How Many Livestock Does This Farm Have?

| Horses | Donkeys | Rabbits | Bee Hives |
|--------|---------|---------|-----------|
| | | | |

19 Does This Farm Have Any Poultry Today?

Yes 1

No 2

If Yes: How Many Poultry Does This Farm Have?

| Layers | Broilers | Yard Fowls | Total Chickens | Turkeys | Ducks | Pigeons |
|--------|----------|------------|----------------|---------|-------|---------|
| | | | | | | |

20 In The Census Year, Did this farm dispose of any animals?

Yes 1

No 2

If Yes, How Many Animals Have Been Sold Alive, Slaughtered, Lost or Otherwise Disposed?

| Type Of Livestock | Sold Alive | Slaughtered | Lost/Other Disposals |
|-------------------|------------|-------------|----------------------|
| Cattle | | | |
| Goats | | | |
| Sheep | | | |
| Pigs | | | |
| Chickens | | | |

Remarks

10 11

Register Questionnaire No.

X. FERTILIZERS AND AGRO-CHEMICALS

21 Did the Farm use any Chemical Fertilizer, Organic Manure or Agro-Chemicals, during the last 12 months?

Yes 1

No 2

22 If yes, what was the level of use?

| Item | Used | | Light use | Medium use | Heavy Use |
|---------------------|------|----|-----------|------------|-----------|
| | YES | NO | | | |
| Chemical Fertilizer | 1 | 2 | 1 | 2 | 3 |
| Organic Manure | 1 | 2 | 1 | 2 | 3 |
| Fungicide | 1 | 2 | 1 | 2 | 3 |
| Herbicide | 1 | 2 | 1 | 2 | 3 |
| Insecticide | 1 | 2 | 1 | 2 | 3 |
| Other Pesticide | 1 | 2 | 1 | 2 | 3 |
| | 1 | 2 | 1 | 2 | 3 |

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0 9

Register Questionnaire No.

XI FARM MACHINERY/EQUIPMENT

23

Does This Farm Own, Rent or use the Services of Any Farm Machinery &/ Equipment, during the last 12 months?

Yes 1

No 2

| Equipment and Machinery | Used | | Number | | | | Number of Days used per year |
|---|------|----|--------|--------|----------------------|-----------------|------------------------------|
| | YES | NO | Owned | Rented | Borrowed (no charge) | Government Hire | |
| Motor vehicles (Land rovers, pickups, Jeep, etc.) | 1 | 2 | | | | | |
| Tractors | 1 | 2 | | | | | |
| Rotovators & Ploughs | 1 | 2 | | | | | |
| Knapsack sprayers | 1 | 2 | | | | | |
| Mist Blowers | 1 | 2 | | | | | |
| Seed planters | 1 | 2 | | | | | |
| Brush / Line cutters | 1 | 2 | | | | | |
| Chain saws | 1 | 2 | | | | | |
| Plucking machine | 1 | 2 | | | | | |
| Other - | 1 | 2 | | | | | |
| Other - | 1 | 2 | | | | | |
| Other - | 1 | 2 | | | | | |

Remarks _____

0 10

Register Questionnaire No.

XII OTHER MISCELLANEOUS INFORMATION

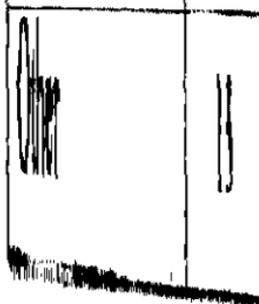
24

Where Does the Farmer Sell The Products? (Circle all that apply)

| | |
|-------------------|---|
| Do Not Sell | 1 |
| Hotel/Restaurant | 2 |
| Municipal Market | 3 |
| Road side vending | 4 |

| | |
|-----------------------|---|
| On The Farm | 5 |
| Supermarkets | 6 |
| Traffickers/Exporters | 7 |
| Agro-processors | 8 |

| | |
|-----------------|----|
| Association | 9 |
| Marketing Board | 10 |
| Farmer's Market | 11 |
| Schools | 12 |



25 Does the Farmer Belong To Any Of These **Farm Organisations**? Yes 1 No 2

| Organisation | Yes |
|---------------------|-----|
| Fair Trade | 1 |
| GCA | 1 |
| GCNA | 1 |
| Poultry Association | 1 |
| Farm Watch | 1 |

| Organisation | Yes |
|------------------------------|-----|
| Livestock Associations | 1 |
| Carnacou Farmers Association | 1 |
| Other - | 1 |
| Other - | 1 |
| Other - | 1 |

26 Did The Farmer Receive Any **Technical Assistance/Information** From These Institutions During the last 12 months? Yes 1 No 2

| Institution | Yes |
|-------------------|-----|
| MOA/DOA | 1 |
| Farm Organisation | 1 |
| Media | 1 |

| Institution | Yes |
|-----------------|-----|
| NGO | 1 |
| Chinese Mission | 1 |
| CARDI | 1 |

| Institutions | Yes |
|--------------|-----|
| IICA | 1 |
| Other - | 1 |
| Other - | 1 |

27 Did The Farm Receive Any **Credit** From Any Of These Institutions During the last 12 months? Yes 1 No 2

| Institution | Yes |
|-------------------|-----|
| Development Bank | 1 |
| Commercial Bank | 1 |
| Farm Organisation | 1 |

| Institution | Yes |
|--------------|-----|
| MOA | 1 |
| NGO | 1 |
| Credit Union | 1 |

| Institution | Yes |
|-------------|-----|
| MNIB | 1 |
| Other | 1 |
| Other | 1 |

28 What Was The Percentage of the Farmer's **Salaries Earned** From The Farm During the last 12 months?

| | | | |
|----------------------|---|---------------------|---|
| About Three quarters | 2 | Less than a Quarter | 5 |
| About Half | 3 | No Answer | 9 |

29 Are You Keeping Any **Farm Records**? Yes 1 No 2

0 11
Register Questionnaire No.

30 XIII PRODUCTION ISSUES

| ISSUES | An Issue | Minor Issue | Major Issue |
|------------------------|----------|-------------|-------------|
| Access Roads | 1 2 | 1 | 2 |
| Predial Larceny | 1 2 | 1 | 2 |
| Pest | 1 2 | 1 | 2 |
| Disease | 1 2 | 1 | 2 |
| Technical Support | 1 2 | 1 | 2 |
| Access to Credit | 1 2 | 1 | 2 |
| Access to Land | 1 2 | 1 | 2 |
| Dog Predation | 1 2 | 1 | 2 |
| Storage | 1 2 | 1 | 2 |
| Availability of inputs | 1 2 | 1 | 2 |
| Marketing | 1 2 | 1 | 2 |

End of Interview

SECTION III - ADDITIONAL LIVESTOCK AND CROP INFORMATION: *For Non-Farm and Farms under the cut-off*

| A. | No | Yes | How many | | No | Yes | How many |
|-------------|----|-----|----------|---------------------|----|-----|----------|
| Own Horses | 2 | 1 | | Own Donkeys / Mules | 2 | 1 | |
| Own Rabbits | 2 | 1 | | Own Bees | 2 | 1 | Hives |

B. OTHER FRUIT, NUTS & SPICE TREES: *Farms Under Cut-off*

| | Code | Number | | Code | Number | | Code | Number |
|------------|------|--------|--------------|------|--------|--------------|------|--------|
| Avocado | 341 | | Cacouat | 400 | | W. I. Cherry | 352 | |
| Breadfruit | 342 | | Golden Apple | 347 | | Sapodilla | 351 | |
| Citrus | 310 | | Guava | 348 | | Soursop | 364 | |
| Clove | 393 | | Mango | 330 | | Other trees | 379 | |

C. Temporary Crops Grown in LAST 12 MONTHS (number of plants): *Farms under cut-off*

| | Code | Number | | Code | Number | | Code | Number |
|---------|------|--------|----------|------|--------|------------------|------|--------|
| Beans | 251 | | Cucumber | 214 | | Pigeon peas | 132 | |
| Cabbage | 201 | | Eggplant | 213 | | Tamato | 218 | |
| Carrots | 232 | | Herbs | 265 | | Watermelon | 216 | |
| Corn | 262 | | Lettuce | 203 | | Other vegetables | 26R | |

D. Root crops grown in LAST 12 MONTHS (number of plants): *Farms under cut-off*

| | Code | Number | | Code | Number | | Code | Number |
|---------|------|--------|--------------|------|--------|------------------|------|--------|
| Cassava | 133 | | Eddoes | 125 | | Yam | 124 | |
| Dasheen | 126 | | Sweet Potato | 122 | | Other root Crops | 129 | |
| | | | Taro | 127 | | | | |

Household Member responsible for Agricultural Activities

AGE

SEX

M

P

SECTION IV - OTHER HOUSEHOLD ACTIVITIES *For ALL HOUSEHOLDS*

| | | | | | |
|--|----|-----|--|-------------|------------|
| 4.1 Produce charcoal for sale | No | Yes | 4.2 Produce Manure for sale | No | Yes |
| | 2 | 1 | | 2 | 1 |
| 4.3 Do you practise any Agro-Forestry | 2 | 1 | IF YES, Please state number of trees | | |
| | | | Mahogany | White Cedar | Red Cedar |
| | | | | | Blue Mahoe |
| | | | | | |
| 4.4 Engage in any Fishing Activity | 2 | 1 | Sell any fish or aquatic products? No | | |
| Types of Fishing: | | | | 2 | Yes |
| Speer fishing | 2 | 1 | | | 1 |
| Fishing from rocks/shore | 2 | 1 | What is the Average number of times you go fishing | | |
| Fishing from boat | 2 | 1 | Per Month | | |
| Gathering whelks/cochles, etc | 2 | 1 | <input type="text"/> | | |
| Freshwater fishing | 2 | 1 | | | |
| 4.5 Engage in growing flowers for sale? | 2 | 1 | Signature of _____ Respondent: _____ Date: _____ | | |
| 4.6 Engage in growing pot plants for sale? | 2 | 1 | | | |
| 4.7 Engage in Agro-processing for sale | 2 | 1 | | | |
| 4.8 Does Household have a nursery? | 2 | 1 | | | |

Made this 27th day of July, 2012.

V. NAZIM BURKE
Minister responsible for Statistics.

GRENADA

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