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Cape Verde Farmer Survey Questionnaire (Roll-out)

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This is a preview of the form. Your answers will not be saved

English ▾

Entire Form

Device Preview

General Information

1: Date of interview *

DD/MM/YYYY



2: Interviewer Name *

3: Interviewer ID

4: Household ID: *

5: Respondent's name: *

6: Respondents' phone number: *

7: Island: *

Santo Antao

Fogo

8: Address *

*

Area:

Municipality:

9: Farm Location *

*

Area:

Municipality:

A. BASIC INFORMATION

10: Age of respondent: *

11.: Gender of respondent *

12: Marital Status *

13: Education *

14: Are you the head of the household? *

15: Are you the primary farm operator? *

16: How many people live in your household (including yourself)? *

17: Do you belong to any farmers' groups/organizations? *

20: Do you belong to any water associations? *

23: Do you belong to any cooperatives? *

B. FARM CHARACTERISTICS, FARM PRODUCTION, REVENUE, AND COST

The following will section present you with questions about your agricultural activities, i.e. land, irrigation, production, crops, marketing, etc. It will also ask you some questions regarding the drip irrigation infrastructure development and training (WMAS Project) provided by MCC/MCA and the Ministry of Agriculture 10 years back. Please try to remember and provide the best possible answer you can.

26: How many years have you been operating your farming business? *

27: Is agriculture the household's main source of income? *

28: What other activities do you receive income from, and how much income do you receive each YEAR from each activity (gross)? (SELECT ALL THAT APPLY) *

in CVE *

Income from other businesses:

Salary, wages or income from another job:

My spouse's salary/earnings:

Other family contributions:

Pension:

Remittances:

Other, please specify below

Comments

29: Do you own and/or rent agricultural land? *

Own

Rent/ Crop sharing

32: Did you own and/or rent agricultural land before the Infrastructure Development & Training (WMAS Project) started? **

Own

Rent/crop sharing

36: How has farm/agricultural production changed over the last 10 years, i.e. before the Infrastructure Development & Training (WMAS Project) started? *

38: Could you tell me to what extent sales has changed, i.e. how much you were earning from agriculture (yearly) before Infrastructure Development & Training (WMAS Project) and how much are you earning now (refer to last agricultural year)? *

Before WMAS Project *

Now (Last Agricultural Year) *

Before WMAS Project *

Now (Last Agricultural Year) *

Year Agricultural Sales (CVE)

39: How has farm/agricultural income changed over the last 10 years, i.e. before the Infrastructure Development & Training (WMAS Project) started? *

40: Could you tell me to what extent income has changed, i.e. how much you were earning from agriculture (yearly) before Infrastructure Development & Training (WMAS Project) and how much are you earning now (refer to last agricultural year)? *

Before WMAS Project *

Now (Last agricultural year) *

Yearly Agricultural Income (CVE)

41: How much does your household spend per year on: *

Amount (CVE) *

Education

Health

Food

Utilities

Others

42: How many workers worked on the farm in your last agricultural year and before the WMAS project? *

Male Before WMAS
ProjectFemale Before WMAS
ProjectMale Now (last agricultural
year)Female Now (last agricultural
year)

Family members:

Full-time paid
workers:Seasonal paid
workers:

43: How many times a year do you grow your crops (crop cycle)? *

44: How many times a year did you grow your crops (crop cycle) before the Infrastructure Development & Training (WMAS project)? *

45: What types of crops did you grow before the Infrastructure Development & Training (WMAS project)? Based on your memory, please provide information on plot size, harvest, and price for that period? *

	Size of land (ha)	Irrigated land (ha)	Total Harvest (kg)	Average price (per kg) in CVE
Yam	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Tomato	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Beet	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Onion	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Pepper	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Cabbage	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Papaya	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Carrot	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
lettuce	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Cassava	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Beans	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Maize	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Others	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Comments

46: What types of crops did you grow, and please provide information on plot size, harvest, and price for the last agricultural year? *

	Size of land (ha)	Irrigated land (ha)	Total Harvest (kg)	Average price (per kg) in CVE
Yam	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Tomato	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Beet	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Onion	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Pepper	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Cabbage	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Papaya	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Carrot	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
lettuce	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Cassava	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

	Size of land (ha)	Irrigated land (ha)	Total Harvest (kg)	Average price (per kg) in CVE
Beans	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Maize	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Others (Specify Below)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Comments

47: Inputs Use: How much did you spend on agricultural inputs last agricultural year? How much did you use before the Infrastructure Development & Training (WMAS project) (Please answer based on your estimate)? *

	Last agricultural year	Before WMAS Project
Total input use (CVE)	<input type="text"/>	<input type="text"/>

48: What other expenses did you make in the last agricultural year and before the Infrastructure Development & Training (WMAS project) (based on your estimate)? *

	Last Agricultural year (CVE)	Before WMAS Project (CVE)
Irrigation water	<input type="text"/>	<input type="text"/>
Distribution services	<input type="text"/>	<input type="text"/>
Cold storage rental payments	<input type="text"/>	<input type="text"/>
Transportation costs	<input type="text"/>	<input type="text"/>
Post-harvest activities	<input type="text"/>	<input type="text"/>
Marketing costs	<input type="text"/>	<input type="text"/>
Repayments of loan principal and interest for agricultural loans	<input type="text"/>	<input type="text"/>
Other taxes related to agricultural production or sales	<input type="text"/>	<input type="text"/>
Rental payments to landowners for agricultural loans	<input type="text"/>	<input type="text"/>
Agricultural land taxes	<input type="text"/>	<input type="text"/>
Equipment for drip irrigation	<input type="text"/>	<input type="text"/>
Equipment for sprinklers	<input type="text"/>	<input type="text"/>
Expenses associated with connecting to irrigation	<input type="text"/>	<input type="text"/>
Greenhouse construction and maintenance	<input type="text"/>	<input type="text"/>
Cold storage construction and maintenance	<input type="text"/>	<input type="text"/>
Other storage and physical/infrastructure Improvements for farm	<input type="text"/>	<input type="text"/>

Last Agricultural year (CVE)

Before WMAS Project (CVE)

Agricultural land purchases

Agricultural equipment purchases

Other farm consumables (including tools, spare parts, and fuel)

Other major farming expenditures (specify below)

Comments

C. MARKET INFORMATION

49: What amount (in kg) of your production did you and your family sell, store, consume, etc. in the last agricultural year? *

	Total Harvested	Consumed	Sold	Bartered	Stored	Stored in Post-Harvest Center	Lost Due to Pest or During Storage, etc.	Others
Yam	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Tomato	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Beet	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Onion	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Pepper	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Cabbage	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Papaya	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Carrot	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
lettuce	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Cassava	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Beans	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Maize	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Others (Specify Below)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Comments

50: Do you sell your agricultural products? *

D. DRIP IRRIGATION MANAGEMENT, SATISFACTION, USAGE, CHALLENGES, ETC.

65: What were the greatest challenges to agricultural production last agricultural year? SELECT ALL THAT APPLY *

☐ Droughts/ low rain☐ Floods/Heavy rain☐ Pests☐ Post-harvest losses☐ Soil erosion☐ Other (please specify)

66: Relative to a typical year, during the past agricultural year, how much rainfall did your farm receive? *

67: Is there any water association in your area? *

68: Are you or a family member a member of any water association? *

69: Do you have irrigation equipment? *

71: How much water did you use to irrigate your land per agricultural year _____(in m3)? *

72: Did you pay for the irrigation water you used? (CVE) *

☐ Don't Know

73: What irrigation source did you use to irrigate your land? SELECT ALL THAT APPLY? *

☐ Own water source (well, pond, etc.)☐ Rainfall☐ Private provider☐ MAA/MCC reservoirs☐ Other (please specify)

74: How satisfied are you with the water volume? *

	Fully Satisfied	Somewhat Satisfied	Neither Satisfied nor Unsatisfied	Somewhat Unsatisfied	Fully Unsatisfied	N/A
Own water source (well, pond, etc.)						
Rainfall						
Private Provider						
MAA/MCC drip irrigation						
Other						

75: How satisfied are you with the water quality? *

	Fully Satisfied	Somewhat Satisfied	Neither Satisfied nor Unsatisfied	Somewhat Unsatisfied	Fully Unsatisfied	N/A
Own water source (well, pond, etc.)						
Rainfall						
Private provider						
MAA/MCC drip irrigation						
Other						

76: How satisfied are you with the timely water delivery? *

	Fully Satisfied	Somewhat Satisfied	Neither Satisfied nor Unsatisfied	Somewhat Unsatisfied	Fully Unsatisfied	N/A
Own water source (well, pond, etc.)						
Rainfall						
Private Provider						
MAA/MCC drip irrigation						
Other						

77: How satisfied are you with the cost of the water you received? *

	Fully Satisfied	Somewhat Satisfied	Neither Satisfied nor Unsatisfied	Somewhat Unsatisfied	Fully Unsatisfied	N/A

Fully
SatisfiedSomewhat
SatisfiedNeither Satisfied nor
UnsatisfiedSomewhat
UnsatisfiedFully
Unsatisfied

N/A

Private Provider

MAA/MCC drip
irrigation

78: How satisfied are you with the services of the providers (billing, ordering, etc.)? *

Fully
SatisfiedSomewhat
SatisfiedNeither Satisfied nor
UnsatisfiedSomewhat
UnsatisfiedFully
Unsatisfied

N/A

Private provider

MAA/MCC drip
irrigation

79.1: Did you use drip irrigation? *

82: Would you have needed more water for irrigation? *

84: Has irrigation improved since 2005 (i.e. Before the Infrastructure Development & Training (WMAS project))? *

87: How did you finance the irrigation for your land in the last agricultural year? SELECT ALL THAT APPLY *

Own/family money

Informal loan

Commercial bank

Non-bank financial institutions (e.g. MFI, cooperatives, etc.)

Other (please specify)

88: Have you paid your irrigation fees for the current period? *

89: Did you pay your irrigation fees during the infrastructure development period? *

E. AGRICULTURE TRAINING

The enumerators shall remind the respondent about the training under the WMAS project.

This section will ask questions about the training provided by Agland Investment Services (The California-US company), sponsored by MCA-Cape Verde, MCC, and MAA. Please try to answer the question based as much as possible on what you remember about the training.

90: Did you attend agricultural training from Agland Investment Services (The California-US company), sponsored by MCA-Cape Verde, MCC, and MAA ? *

101: Are extension centers currently operating? *

F. CROP AND POST HARVESTING PRACTICES / EQUIPMENT

102: Which of the following practices do you follow or use equipment for? SELECT ALL THAT APPLY *

Drip irrigation

Pest management

Harvesting tools

Storage

Grading & sorting equipment

Cleaning equipment

Humidity or temperature control in packing/storage areas

None of the above

105: Are you aware of post-harvest centers? *

106: Do you store a portion of the harvest? *

111: What was the main cause of loss during storage, if any? *

Mold/ Spoilage

Pest

Moisture

Animal (rats/mice)

Theft

Other (please specify)

Not Applicable

113: Why didn't you store in a post-harvest center? SELECT ALL THAT APPLY *

Not Convenient

Not Safe

Costly**Low Output****Not functional/ does not work****Other (please specify)**

If export commodities in the regional market and use PHC

If export commodities in the regional market and participated in the training

G. CREDIT**130: Do you or anyone in your household have an account with a bank/credit union/MFI? *****132: Do you currently have any outstanding loans/have you taken any loan for your agricultural business? ***

The following section discusses some questions about the credit provided by Organização das Mulheres de Cabo Verde (OMCV), ASDIS Microfinancas, Morabi, AMUSA, and Soldifogo under the MCC's Access to Credit Activity for drip irrigation. Please try to answer the questions based as much as possible on what you remember.

138: Have you applied any loan from the following institutions under the MCC's Access to Credit Activity? SELECT ALL THAT APPLY ***Organização das Mulheres de Cabo Verde (OMCV)****ASDIS Microfinancas****Morabi****AMUSA****Soldifogo****None of the above**

If answered (1) Loan was granted, ask the following question 148-157, otherwise if answered (2) answer Q158. If c, skip to question 159.

The following questions regard how you finance your business before you received loans from this MFI under the Access to Credit Activity?

164: Do you currently have any other outstanding loans with the same or another financial institution? ***166: Would you have taken additional credit for your agricultural business if it had been available/affordable? ***

H. Value Chain Analysis

168: Crop name (most produced by the farmer) *

168.1: Amount of land (in m2) *

169: production amount in one agricultural year (in KG) *

170: Average price in market (per kg) *

171: How much does it cost on the following heads to produce in one agricultural year? *

Cost (in CVE) per year *

Soil Preparation/Organic Matter

Seeds

Drip Irrigation Tape

Water Cost

Fertilizer

Crop Protectants

Labor

Field Crates

Transport to Packinghouse

Cleaning/Grading/Packing

Cartons

Millipede Inspection

Submit

Save for Later



Discard