# Philippines - Survey on Costs and Returns of Sweet Potato (Camote) Production 2014

**Philippine Statistics Authority - National Economic and Development Authority (NEDA)**

Report generated on: June 20, 2017

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# Overview

## Identification

ID NUMBER
PHL-PSA-CRS-SWEETPOTATO-2014-v.3

## Version

VERSION DESCRIPTION
V.3: Public Use File

PRODUCTION DATE
2014-10

## Overview

ABSTRACT
The survey aimed to generate updated data on levels and structure of production costs and returns. Specifically, it was conducted to detemine the indicators of profitability such as gross and net returns, returns above cash costs, net profit - cost ratio, etc.; usage of materials and labor inputs; and other related socio-economic variables including information on new production technologies.

KIND OF DATA
Sample survey data [ssd]

UNITS OF ANALYSIS
Sample farmers who harvested camote within the reference period and knowledgeable on the details of camote farming particularly on investments, material inputs, labor expenses incurred and disposition of produce were the units of analysis of the survey.

## Scope

NOTES
The scope of the survey included the following:

BLOCK A. GEOGRAPHIC INFORMATION

This block collects information on the geographic location where the sample farmer resides.

BLOCK B. SAMPLE IDENTIFICATION

This block aims to gather the demographic characteristics of the sample farmer.

BLOCK C. BASIC CHARACTERISTICS OF THE FARM

This block collects basic information about the farm(s) operated by the sample farmer.

BLOCK D. FARM INVESTMENTS (owned and used in the focus parcel)

This block captures information on all investment items owned and used/utilized by the sample farmer in camote production during the last completed harvest within May 2013 to April 2014.

BLOCK E. MATERIAL INPUTS (used in the focus parcel)

This block aims to gather information on the usage and costs of material inputs of the sample farmer in his camote production during the last completed cropping period.

BLOCK F. LABOR INPUTS (in focus parcel)

This block aims to gather information pertaining to labor utilization in the production of camote during the reference period. The sources of labor are operator, family, exchange labor (bayanihan) and hired labor. The latter may include permanent worker, contract labor or "pakyaw" system wherein the performance of multiple farming activities is contracted for a certain amount.

BLOCK G. OTHER PRODUCTION COSTS (in focus parcel)

This block gathers other items of production cost incurred on the focus parcel during the reference period. Payments may be cash or non-cash.

BLOCK H. PRODUCTION AND DISPOSITION (in focus parcel)

This block aims to gather information on the gross volume of camote harvested in the focus parcel during the last completed cropping within May 2013 to April 2014 as well as the breakdown of disposition.

BLOCK I. PRODUCTION RELATED INFORMATION (in focus parcel)

This block aims to gather information on the problems affecting camote production during the reference period.

BLOCK J. MARKETING RELATED INFORMATION (in focus parcel)

This block aims to gather information on the problems encountered in marketing their produce during the reference period.

BLOCK K. ACCESS TO CREDIT (in focus parcel)

This block aims to gather information regarding loans availed of by the sample farmer/operator for camote production during the reference period.

BLOCK L. FARMER'S PARTICIPATION IN CAMOTE PROGRAMS / PROJECTS

This block aims to collect information on the farmer's participation in camote program and projects during the reference period.

BLOCK M. OTHER INFORMATION (for camote only)

This block aims to gather information relative to the effect of climate change in camote production and organic farming practices. Also, the sample farmer/operator's membership in any farmer's organization and benefits received are solicited.

BLOCK N. PLANS AND RECOMMENDATIONS

This block aims to compile the plans and recommendations of the sample farmer/operator for the improvement of his/her camote production.

TOPICS

| Topic | Vocabulary | URI |
|---|---|---|
| Agriculture, forestry, fisheries | Philippine Statistics Authority | |
| Business and Agricultural surveys | Philippine Statistics Authority | |

# Coverage

GEOGRAPHIC COVERAGE
The survey covered six (6) camote producing provinces namely: Camarines Sur, Negros Occidental, Quezon, Agusan del

Norte, Bohol and Agusan del Sur.

UNIVERSE

The survey covered farmers who harvested camote within the reference period and knowledgeable on the details of camote farming particularly on investments, material inputs, labor expenses incurred and disposition of produce. The reference period was the production for the last completed harvest within May 2013 to April 2014.

## Producers and Sponsors

PRIMARY INVESTIGATOR(S)

| Name | Affiliation |
|------|-------------|
| Philippine Statistics Authority | National Economic and Development Authority (NEDA) |

FUNDING

| Name | Abbreviation | Role |
|------|--------------|------|
| Government of the Philippines | GOP | Full funding |
| -- Department of Agriculture | DA | Survey Operations |
| -- Philippine Statistics Authority | PSA | All other expenses |

## Metadata Production

METADATA PRODUCED BY

| Name | Abbreviation | Affiliation | Role |
|------|--------------|-------------|------|
| Agricultural Accounts Division | AAD | Philippine Statistics Authority | Documenter |

DATE OF METADATA PRODUCTION
2017-06-19

DDI DOCUMENT VERSION
Version 1.0- First metadata documentation of CRS Sweet Potato 2014

DDI DOCUMENT ID
DDI-PHL-PSA-CRS-SWEETPOTATO-2014-v1

# Sampling

## Sampling Procedure

The domain of the survey was the province. A two-stage sampling design was employed with the barangay as the primary sampling unit and the sample farmer as the secondary sampling unit. The top producing barangays were selected from an ordered list of barangays. The sample farmers were identified in each sample barangay using snowball approach during data collection.

The total number of sample barangays per province was fifteen or less. If the number of major producing barangays that contributed to 80 percent based on area planted were more than 15, 15 barangays were selected. Those provinces with less than 15 barangays that produced sweet potato were completely enumerated. This approach ensured representation of the barangays in the province in terms of area planted to sweet potato. The total number of sample farmers per province was set at 75 and equally allocated to the sample barangays. The list of sample barangays per province and corresponding number of samples were provided to the Provincial Operations Center (POC) of the former Bureau of Agricultural Statistics (BAS) prior to the survey.

During data collection, the names and addresses of sweet potato farmers residing in the barangay were obtained from the office of the barangay chairman or any other key informants in the barangay. It served as the data collector's starting point in searching for potential sample farmers. The target numbers of sweet potato farmers in the sample barangays were obtained using snowball sampling. A set of screening questions was applied to confirm if those listed actually harvested sweet potato during the reference period and satisfied the other criteria to qualify for enumeration.

Whether the interviewed farmer was qualified for the survey or not, he/she was asked to identify other sweet potato farmers in the barangay to be added in the initial list. The search continued, and the farmer who met the criteria specified in the screening questions was qualified as sample for the survey and was interviewed using the questionnaire for the 2014 Survey on Costs and Returns of Sweet Potato (Camote) Production. If the interview was successfully carried out (meaning, all the needed information had been supplied), the household number, full name and residential address of the sample farmer were written in the List of Sample Farmers. The enumerator selected again any farmer in the initial list as the next potential sample for the survey. The process continued until the required number of samples in the barangay was obtained.

## Response Rate

Response rate of 100 percent

# Questionnaires

## Overview

The questionnaire was a structured questionnaire written in English. It was designed in tabular form and some in question type format. The data items/variables in the questionnaire were based on the previous questionnaires with some modifications and additions.

The questionnaire was pre-tested and reviewed before its implementation.

The questionnaire consisted of 12 pages covering 13 blocks as follows:

A. GEOGRAPHIC INFORMATION includes the location of the farm such as the name of the region, province, city/municipality and barangay.

B. SAMPLE IDENTIFICATION such as the name, age, sex,level of education completed, main occupation, number of years engaged in camote farming (as operator), name of respondent and its classification, contact number

C. BASIC CHARACTERISTICS OF THE FARM such as total physical area, number of parcels operated by the farmer, area planted and harvested to camote, cropping pattern, number of croppings per year, variety of camote planted, tenurial status, month of planting and harvesting camote, main use of camote and source of planting materials,

D. FARM INVESTMENTS such as inventory of farm investments used, year and cost of acquisition, repairs and improvement cost and estimated life and usage in the focus camote farm.

E. MATERIAL INPUTS contain the quantity, cost and mode of acquisition of planting materials, fertilizers, soil ameliorants and pesticides.

F. LABOR INPUTS such as labor utilization (in terms of mandays) and labor cost by type of farming activity and by source and type of labor and food cost incurred.

G. OTHER PRODUCTION COSTS cover cash and non-cash payments for land tax, land lease/rental, rental value of owned land, rentals of machine, animals and tools and equipment, fuel and oil, transport costs of inputs, electricity and water, interest payment on crop loans, storage cost and other production costs.

H. PRODUCTION AND DISPOSITION such as volume of the produce and its disposition in the form of camote roots and planting materials terms of sold, harvesters' share, threshers' share, other laborers' share, landowners' share, lease rental, for home consumption and home-based processing, given away, used for seeds and feeds, wastage and other purposes.

I. PRODUCTION-RELATED INFORMATION such as problems affecting camote production and comparison of production during the reference period with the same period of last year and the reasons for such changes.

J. MARKETING RELATED INFOMATION includes the major buyer of camote and problems related to marketing of the produce.

K. ACCESS TO CREDIT such as the amount and source of crop loan and interest rate per annum

L. FARMER'S PARTICIPATION IN CAMOTE PROGRAMS/PROJECTS such as awareness in government program/intervention on camote and benefits gained

M. OTHER INFORMATION such as the effect of climate change on farming practices and the practice of natural faming method and membership and name of camote farmers' organization and benefits derived

N. PLANS AND RECOMMENDATIONS includes plans and recommendations to improve camote production

O. INTERVIEW PARTICULARS contain the name and signature of contractual data collector, field supervisor/editor and PSO and date accomplished.

The questionnaire is provided as a Related Material.

# Data Collection

## Data Collection Dates

| **Start** | **End** | **Cycle** |
|---|---|---|
| 2014-05-24 | 2014-06-13 | N/A |

## Time Periods

| **Start** | **End** | **Cycle** |
|---|---|---|
| 2013-05-01 | 2014-04-30 | N/A |

## Data Collection Mode

Face-to-face [f2f]

## Data Collection Notes

Prior to the survey operations, pre-test of survey procedures and instruments took place in Quezon from April 7 to 9, 2014. This was participated in by seven (7) Central Office staff and four (4) provincial office staff. Interviews averaged 52 minutes for the six (6) sample farmers interviewed from Mamala-1, Sariaya and Samil, Lucban, Quezon. Issues and concerns that cropped up during the pre-test were addressed with corresponding recommendations for the improvement of the questionnaire.

Three (3) levels of training were conducted. This activity aimed to have uniform understanding of the survey concepts and procedures that were used during the survey operations. The first level was the training of selected Central Office (C.O.) staff who served as trainers in the next level of training. The second level training was for the Provincial Agricultural Statistics Officers and selected staff of the six (6) provinces. They served as trainers for the third level training which was intended for Contractual Data Collectors (CDCs). They were trained on the survey concepts, survey procedures and on filling up the questionnaire.

The data collection was carried out by Contractual Data Collectors (CDCs) through personal (face-to-face) interview of the sample farmer in sample barangays using structured questionnaire.

## Questionnaires

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B. SAMPLE IDENTIFICATION such as the name, age, sex,level of education completed, main occupation, number of years engaged in camote farming (as operator), name of respondent and its classification, contact number

C. BASIC CHARACTERISTICS OF THE FARM such as total physical area, number of parcels operated by the farmer, area planted and harvested to camote, cropping pattern, number of croppings per year, variety of camote planted, tenurial status, month of planting and harvesting camote, main use of camote and source of planting materials,

D. FARM INVESTMENTS such as inventory of farm investments used, year and cost of acquisition, repairs and improvement

cost and estimated life and usage in the focus camote farm.

E. MATERIAL INPUTS contain the quantity, cost and mode of acquisition of planting materials, fertilizers, soil ameliorants and pesticides.

F. LABOR INPUTS such as labor utilization (in terms of mandays) and labor cost by type of farming activity and by source and type of labor and food cost incurred.

G. OTHER PRODUCTION COSTS cover cash and non-cash payments for land tax, land lease/rental, rental value of owned land, rentals of machine, animals and tools and equipment, fuel and oil, transport costs of inputs, electricity and water, interest payment on crop loans, storage cost and other production costs.

H. PRODUCTION AND DISPOSITION such as volume of the produce and its disposition in the form of camote roots and planting materials terms of sold, harvesters' share, threshers' share, other laborers' share, landowners' share, lease rental, for home consumption and home-based processing, given away, used for seeds and feeds, wastage and other purposes.

I. PRODUCTION-RELATED INFORMATION such as problems affecting camote production and comparison of production during the reference period with the same period of last year and the reasons for such changes.

J. MARKETING RELATED INFOMATION includes the major buyer of camote and problems related to marketing of the produce.

K. ACCESS TO CREDIT such as the amount and source of crop loan and interest rate per annum

L. FARMER'S PARTICIPATION IN CAMOTE PROGRAMS/PROJECTS such as awareness in government program/intervention on camote and benefits gained

M. OTHER INFORMATION such as the effect of climate change on farming practices and the practice of natural faming method and membership and name of camote farmers' organization and benefits derived

N. PLANS AND RECOMMENDATIONS includes plans and recommendations to improve camote production

O. INTERVIEW PARTICULARS contain the name and signature of contractual data collector, field supervisor/editor and PSO and date accomplished.

The questionnaire is provided as a Related Material.

## Data Collectors

| Name | Abbreviation | Affiliation |
| --- | --- | --- |
| Philippine Statistics Authority | PSA | National Economic and Development Authority |

## Supervision

The provincial office staff were responsible for the supervision of the survey operations. Among the tasks carried out by field supervisors were the conduct of spot checking during data collection to monitor the data collectors' work, back-checking the work of CDCs after data collection and the preparation of field supervision report.

# Data Processing

## Data Editing

Editing and coding of survey returns were done at the provincial offices upon submission of the accomplished questionnaires by the CDCs. These activities were undertaken to ensure the quality of data that were collected.

The document on Editing Guidelines is provided as a Related Material.

## Other Processing

A five (5) day training/workshop on data processing was conducted to facilitate the generation of survey results. It was attended by the Provincial Processing Officers (PPOs) or staff in-charge on Other Crops and selected staff of the Agricultural Accounts and Statistical Indicators Division (AASID).

The training/workshop covered data encoding, data review, cleaning and updating of flat files using MS Excel program developed by AASID. During the training/workshop, completeness check, consistency checks and accuracy checks were done to ensure quality of data. The output of the data review and cleaning was the final set of raw data file which was used for the generation of data tables. These data tables were validated and compared with the results of the 1998 Costs and Returns of Sweet Potato Production and results of other relevant surveys.

# Data Appraisal

## Estimates of Sampling Error

Not applicable.

## Other forms of Data Appraisal

Series of reviews were done to assess the quality of the data in terms of reliability and acceptability. A comparison with the results of past surveys on input usage, labor utilization, production cost and return structure of camote was made.

# File Description

# Variable List

# Block AB. Sample Identification

| | |
|---|---|
| Content | This block collects information on the geographic location where the sample farmer resides and gather the demographic characteristics of the sample farmer. |
| Cases | 450 |
| Variable(s) | 9 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | Philippine Statistics Authority |
| Missing Data | |

## Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V1 | Region | Region | discrete | numeric | Region |
| V685 | Prov | Province | discrete | numeric | Province |
| V3 | ID | Farm Identification Code | discrete | numeric | Farm Identification Code |
| V11 | Age | Age | contin | numeric | Age |
| V12 | Sex | Sex | discrete | numeric | Sex |
| V14 | EducationCode | Education Code | discrete | numeric | Education Code |
| V16 | OccupationCode | Occupation Code | discrete | numeric | Occupation Code |
| V17 | FarmingExperience | Number of Years Engaged In Farming | contin | numeric | Number of Years Engaged in Farming |
| V19 | RespondentClassification | Respondent Classification | discrete | numeric | Respondent Classification |

# Block C1. Basic Characteristics of the Farm

| | |
|---|---|
| Content | This block collects basic information about the farm(s) operated by the sample farmer. |
| Cases | 450 |
| Variable(s) | 20 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | Philippine Statistics Authority |
| Missing Data | |

## Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V22 | Region | Region | discrete | numeric | Region |
| V747 | Prov | Province | discrete | numeric | Province |
| V24 | ID | Farm Identification Code | discrete | numeric | Farm Identification Code |
| V31 | TotalNumberOfParcelsOperated | Total Number of Parcels Operated | contin | numeric | How many farm parcels did you operate? |
| V32 | TotalPhysicalArea | Total Physical Area | contin | numeric | What was the total physical area? |
| V33 | TotalNumberOfParcelsDevoted | Total Number of Parcels Devoted to Camote | contin | numeric | Of the total farm parcels, how many were planted to camote? |
| V34 | FocusParcelID | Focus Parcel ID | discrete | numeric | |
| V35 | FocusParcelArea | Focus Parcel Area | contin | numeric | Focus Parcel Area |
| V36 | TotalAreaDevotedtoCamote | Total Area Devoted to Camote | contin | numeric | Physical area (indicate the physical area in hectare) |
| V37 | TenureStatusCode | Tenure Status Code | discrete | numeric | What is the tenurial status? |
| V39 | TimesPlantedCamote | Times Planted Camote | contin | numeric | How many times did you plant camote in a year? |
| V779 | CroppingPattern | Cropping Pattern | discrete | numeric | What is the usual cropping pattern? |
| V41 | NumberOfCroppingPerYear | Number of Cropping per year | contin | numeric | Number of Crops in the Pattern |
| V42 | AreaPlanted | Area Planted | contin | numeric | What was the area planted? |
| V43 | AreaHarvested | Area Harvested | contin | numeric | What was the area harvested? |
| V780 | MonthPlanted | Month Planted | discrete | numeric | What month & year was it planted? |
| V781 | MonthHarvested | Month Harvested | discrete | numeric | What month & year was it harvested? |
| V49 | VarietyPlanted | Variety Planted | discrete | character | What was the variety of camote planted? (specify) - |
| V50 | MainUseOfCamote | Main Use Of Camote | discrete | numeric | What was the main use of camote (roots)? |
| V51 | SourceOfPlantingMaterials | Source of Planting Materials | discrete | numeric | Who/What was/were the source/s of planting materials? |

# Block C2. Basic Characteristics of the Farm (Number of Parcels and Physical Area)

| | |
|---|---|
| Content | This block collects basic information about the physical area of camote parcels operated by the sample farmer. |
| Cases | 507 |
| Variable(s) | 5 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | Philippine Statistics Authority |
| Missing Data | |

## Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V671 | Region | Region | discrete | numeric | Region |
| V675 | Province | Province | discrete | numeric | Province |
| V738 | ID | Farm Identification Code | discrete | numeric | Farm Identification Code |
| V748 | Parcel_Id | Parcel Id | discrete | numeric | Of the total farm parcels, how many were planted to camote? |
| V687 | ParcelArea | Parcel Area | contin | numeric | Ask the area of each of the camote parcels operated starting with parcel 1 down to the last parcel. |

# Block D. Farm Investments (owned and used in the focus parcel)

| | |
|---|---|
| Content | This block captures information on all investment items owned and used/utilized by the sample farmer in camote production during the last completed harvest within May 2013 to April 2014. |
| Cases | 2397 |
| Variable(s) | 11 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | Philippine Statistics Authority |
| Missing Data | |

## Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V672 | Region | Region | discrete | numeric | Region |
| V677 | Province | Province | discrete | numeric | Province |
| V739 | ID | Farm Identification Code | discrete | numeric | Farm Identification Code |
| V753 | ItemCode | Item Code | discrete | numeric | Item Code |
| V605 | OthersSpecify | Others Specify | discrete | character | Others Specify |
| V688 | NumberofUnits | Number of Units | contin | numeric | How many units were used? |
| V689 | YearAcquired | Year Acquired | discrete | numeric | What year was it acquired/constructed? |
| V690 | AcquisitionCosts | Acquisition Costs | contin | numeric | How much was the cost of acquisition/construction? (Pesos) |
| V691 | CostofRepairImprovement | Cost of Repair / Improvement | contin | numeric | How much was spent for minor repair/improvement? (Pesos) |
| V692 | YearsWillItBeUseful | Years Will It Be Useful | contin | numeric | How many years will it be useful/serviceable? (From the date of interview) |
| V693 | PercentOfUse | Percent Of Use | contin | numeric | What was its percentage of use in the focus parcel? |

# Block E. Material Inputs (used in the focus parcel)

| | |
|---|---|
| Content | This block aims to gather information on the usage and costs of material inputs of he sample farmer in his camote production during the last completed cropping period. |
| Cases | 680 |
| Variable(s) | 20 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | Philippine Statistics Authority |
| Missing Data | |

## Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V678 | Region | Region | discrete | numeric | Region |
| V680 | Province | Province | discrete | numeric | Province |
| V740 | ID | Farm Identification Code | discrete | numeric | Farm Identification Code |
| V752 | ItemCode | Item Code | discrete | numeric | Item Code |
| V618 | OthersSpecify | Others Specify | discrete | character | Others Specify |
| V765 | N | Nitrogen Content | discrete | character | Nitrogen Content |
| V766 | P | Phosphorous Content | discrete | character | Phosphorous Content |
| V767 | K | Potassium Content | discrete | character | Potassium Content |
| V697 | ModeofAcquisition | Mode of Acquisition | discrete | numeric | What was the mode of acquisition? |
| V698 | DiscountRate | Discount Rate | contin | numeric | If purchased and discounted, what was the discount rate? |
| V699 | NumberofUnits | Number of Units | contin | numeric | How many units were used/applied? |
| V625 | NameofLocalUnit | Name of Local Unit | discrete | character | What was the name of local unit? |
| V700 | WeightinKilogram | Weight in Kilogram | contin | numeric | If solid input, what was the weight of one local unit in kilogram? |
| V701 | WeightinLiters | Weight in Liters | contin | numeric | If liquid input, what was the volume of one local unit in liter? |
| V702 | PriceperLocalUnit | Price per Local Unit | contin | numeric | If purchased, what was the price of one local unit? (Pesos) |
| V703 | PrevailingPriceperLocalUnit | Prevailing Price per Local Unit | contin | numeric | If not purchased, what was the prevailing price in the locality? (Pesos) |
| V704 | TotalQuantityinKilogram | Total Quantity in Kilogram | contin | numeric | What was the total quantity in kilogram? |
| V705 | TotalValueInKilogram | Total Value In Kilogram | contin | numeric | How much was the total value (Pesos)? |
| V706 | TotalVolumeinLiters | Total Volume in Liters | contin | numeric | What was the total volume in liter? |
| V707 | TotalValueinLiters | Total Value in Liters | contin | numeric | How much was the total value (Pesos)? |

# Block F. Labor Inputs (in focus parcel)

| | |
|---|---|
| Content | This block aims to gather information pertaining to labor utilization in the production of camote during the reference period. The sources of labor are operator, family, exchange labor (bayanihan) and hired labor. The latter may include permanent worker, contract labor or "pakyaw" system wherein the performance of multiple farming activities is contracted for a certain amount. |
| Cases | 5432 |
| Variable(s) | 21 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | Philippine Statistics Authority |
| Missing Data | |

## Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V681 | Region | Region | discrete | numeric | Region |
| V682 | Province | Province | discrete | numeric | Province |
| V741 | ID | Farm Identification Code | discrete | numeric | Farm Identification Code |
| V708 | ItemCode | Item Code | discrete | numeric | Item Code |
| V639 | OthersSpecify | Others Specify | discrete | character | Others Specify |
| V709 | OpDays | Operator - Number of Days Spent | contin | numeric | Operator- How many days were spent? |
| V710 | OpHrs | Operator- Number of Hours Spent | contin | numeric | Operator- How many hours per day were spent? |
| V711 | FamPerson | Family Labor- Number of Persons | contin | numeric | Family Labor-How many persons worked in the farm? |
| V712 | FamDays | Family Labor- Number of Days Spent | contin | numeric | Family Labor-On the average, how many days did they work? |
| V713 | FamHrs | Family Labor- Number of Hours Spent | contin | numeric | Family labor-On the average, how many days did they work? |
| V714 | ExPerson | Exchange Labor- Number of Persons | contin | numeric | Exchange labor-How many persons worked in the farm? |
| V715 | ExDays | Exchange Labor- Number of Days Spent | contin | numeric | Exchange labor-On the average, how many days did they work? |
| V716 | ExHrs | Exchange Labor- Number of Hours Spent | contin | numeric | Exchange labor-On the average, how many hours per day were spent? |
| V717 | PrevWageRate | Prevailing Wage Rate | contin | numeric | How much was the prevailing wage rate per day in the locality? (Pesos) |
| V718 | HiredPerson | Hired Labor- Number of Persons | contin | numeric | Hired labor-How many persons worked in the farm? |
| V719 | HiredDays | Hired Labor- Number of Days Spent | contin | numeric | Hired labor-On the average, how many days did they work? |
| V720 | HiredHrs | Hired Labor- Number of Hours Spent | contin | numeric | Hired labor-On the average, how many days did they work? |
| V721 | TotMandaysHired | Total Mandays of Hired Labor | contin | numeric | Total mandays of hired labor |
| V722 | Cash | Cash | contin | numeric | How much was paid in cash? (pesos) |

| ID | Name | Label | Type | Format | Question |
|------|----------|-----------|--------|---------|----------------------------------|
| V724 | InKind | In Kind | contin | numeric | How much was paid in kind? |
| V723 | FoodCost | Food Cost | contin | numeric | How much was the total food cost incurred? (Pesos) |

# Block G. Other Production Costs (in focus parcel)

| | |
|---|---|
| Content | This block gathers other items of production cost incurred on the focus parcel during the reference period. Payments may be cash or non-cash. |
| Cases | 1119 |
| Variable(s) | 14 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | Philippine Statistics Authority |
| Missing Data | |

## Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V684 | Region | Region | discrete | numeric | Region |
| V683 | Province | Province | discrete | numeric | Province |
| V742 | ID | Farm Identification Code | discrete | numeric | Farm Identification Code |
| V725 | ItemCode | Item Code | discrete | numeric | Item Code |
| V768 | OthersSpecify | Others Specify | discrete | character | Others Specify |
| V782 | QuantityinLiters | Quantity in Liters | contin | numeric | |
| V728 | Cash | Cash | contin | numeric | Cash |
| V729 | Imputed | Imputed | contin | numeric | Imputed |
| V754 | Commodity | Commodity | discrete | numeric | What was the crop/commodity paid? |
| V730 | NumberofUnits | Number of Units | contin | numeric | How many local units? |
| V770 | LocalUnit | Local Unit | discrete | character | What was the name of local unit? |
| V731 | WeightinKilogram | Weight in Kilogram | contin | numeric | What was the weight of one local unit? |
| V732 | TotalQuantityinKilogram | Total Quantity in Kilogram | contin | numeric | What was the total quantity in kilogram? |
| V733 | TotalValueinKilogram | Total Value in Kilogram | contin | numeric | How much was the total value? (pesos) |

# Block H. Production and Disposition (in focus parcel)

| | |
|---|---|
| Content | This block aims to gather information on the gross volume of camote harvested in the focus parcel during the last completed cropping within May 2013 to April 2014 as well as the breakdown of disposition. |
| Cases | 450 |
| Variable(s) | 23 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | Philippine Statistics Authority |
| Missing Data | |

## Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V502 | Region | Region | discrete | numeric | Region |
| V755 | Prov | Province | discrete | numeric | Province |
| V504 | ID | Farm Identification Code | discrete | numeric | Farm Identification Code |
| V511 | CamoteRootsQuantityinlocalu | Camote Roots Quantity in local unit | contin | numeric | Camote Roots Quantity in Local Unit |
| V536 | NameoflocalunitLU | Name of local unit (LU) | discrete | numeric | Name of Local Unit |
| V513 | WeightofoneLUinkilogram | Weight of one LU in kilogram | contin | numeric | Weight of one local unit in kilogram |
| V514 | Trader | Trader | contin | numeric | Trader |
| V515 | CoFarmerEndUser | Co-Farmer / End User | contin | numeric | Co-Farmer/End User |
| V516 | Processoroffood | Processor of food | contin | numeric | Processor of food |
| V517 | Processoroffeeds | Processor of feeds | contin | numeric | Processor of feeds |
| V518 | Priceperlocalunitinpesos | Price per local unit (in pesos) | contin | numeric | Price per local unit (in pesos) |
| V519 | Harvestersshare | Harvesters' share | contin | numeric | Harvesters' share |
| V520 | Otherlaborersshare | Other laborers' share | contin | numeric | Other laborers' share |
| V521 | Landownersshare | Landowner's share | contin | numeric | Landowner's share |
| V522 | LandleaseRental | Land lease / Rental | contin | numeric | Land lease / Rental |
| V523 | Forhomeconsumption | For home consumption | contin | numeric | For home consumption |
| V524 | Forhomebasedprocessing | For home-based processing | contin | numeric | For home-based processing |
| V525 | Givenaway | Given away | contin | numeric | Given away |
| V526 | Paidtocreditor | Paid to creditor | contin | numeric | Paid to creditor |
| V527 | UsedTobeusedforfeeds | Used / To be used for feeds | contin | numeric | Used / To be used for feeds |
| V528 | Wastage | Wastage | contin | numeric | Wastage |
| V778 | Others | Others | discrete | character | Others |
| V535 | TotalDisposition | Total Disposition | contin | numeric | Total Disposition |

# Block I. Production Related Information (in focus parcel)

| | |
|---|---|
| Content | This block aims to gather information on the problems affecting camote production during the reference period. |
| Cases | 450 |
| Variable(s) | 23 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | Philippine Statistics Authority |
| Missing Data | |

## Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V537 | Region | Region | discrete | numeric | Region |
| V737 | Prov | Province | discrete | numeric | Province |
| V539 | ID | Farm Identification Code | discrete | numeric | Farm Identification Code |
| V750 | Productioncomparison | Production comparison | discrete | numeric | How would you compare your production (roots) in the focus parcel during the reference period with the same period of last year? |
| V547 | Changeinarea | Change in area | discrete | numeric | What was/were the reason/s for the change in production? |
| V771 | Reason1 | Kind of change in area | discrete | character | Kind of change in area |
| V549 | Weathereffects | Weather effects | discrete | numeric | What was/were the reason/s for the change in production? |
| V772 | Reason2 | Kind of weather effects | discrete | character | Kind of weather effects |
| V551 | Pestanddiseases | Pest and diseases | discrete | numeric | What was/were the reason/s for the change in production? |
| V773 | Reason3 | Kind of pests and diseases | discrete | character | Kind of pests and diseases |
| V553 | Plantingmaterials | Planting materials | discrete | numeric | What was/were the reason/s for the change in production? |
| V774 | Reason4 | Type of planting materials | discrete | character | Type of planting materials |
| V555 | Fertilizer | Fertilizer | discrete | numeric | What was/were the reason/s for the change in production? |
| V775 | Reason5 | Fertilizer Usage | discrete | character | Fertilizer Usage |
| V557 | Others | Others | discrete | numeric | What was/were the reason/s for the change in production? |
| V776 | Reason6 | Other Reasons | discrete | character | Other Reasons |
| V560 | Pestsanddiseases | Pests and diseases | discrete | numeric | Pests and diseases |
| V561 | Highcostofinputs | High cost of inputs | discrete | numeric | High cost of inputs |
| V562 | BadweatherCalamities | Bad weather/ Calamities | discrete | numeric | Bad weather/ Calamities |
| V563 | Lackofcapital | Lack of capital | discrete | numeric | Lack of capital |

| ID | Name | Label | Type | Format | Question |
|----|------|-------|------|--------|----------|
| V564 | RoughorpoorroadInadequa | Rough or poor road / Inadequate transport facilities | discrete | numeric | Rough or poor road / Inadequate transport facilities |
| V565 | Poorsoilcondition | Poor soil condition | discrete | numeric | Poor soil condition |
| V566 | lOthers | Other problems | discrete | numeric | Other problems |

| ID | Name | Label | Type | Format | Question |
|----|------|-------|------|--------|----------|
| V564 | RoughorpoorroadInadequa | Rough or poor road / Inadequate transport facilities | discrete | numeric | Rough or poor road / Inadequate transport facilities |
| V565 | Poorsoilcondition | Poor soil condition | discrete | numeric | Poor soil condition |
| V566 | lOthers | Other problems | discrete | numeric | Other problems |

# Block J. Marketing Related Information (in focus parcel)

| | |
|---|---|
| Content | This block aims to gather information on the problems encountered in marketing their produce during the reference period. |
| Cases | 450 |
| Variable(s) | 27 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | Philippine Statistics Authority |
| Missing Data | |

## Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V293 | Region | Region | discrete | numeric | Region |
| V745 | Prov | Province | discrete | numeric | Province |
| V295 | ID | Farm Identification Code | discrete | numeric | Farm Identification Code |
| V302 | Agent | Agent | discrete | numeric | Who was your major buyer of produce? |
| V303 | Percent1 | Percentage sold to Agent | contin | numeric | ercentage sold to Agent |
| V304 | Wholesaler | Wholesaler | discrete | numeric | Who was your major buyer of produce? |
| V305 | Percent2 | Percentage sold to Wholesaler | contin | numeric | Percentage sold to Wholesaler |
| V306 | Wholesalerretailer | Wholesaler-Retailer | discrete | numeric | Who was your major buyer of produce? |
| V307 | Percent3 | Percentage sold to Wholesaler-Retailer | contin | numeric | Percentage sold to Wholesaler-Retailer |
| V308 | Exporter | Exporter | discrete | numeric | Who was your major buyer of produce? |
| V309 | Percent4 | Percentage sold to Exporter | contin | numeric | Percentage sold to Exporter |
| V310 | Assembler | Assembler | discrete | numeric | Who was your major buyer of produce? |
| V311 | Percent5 | Percentage sold to Assembler | contin | numeric | Percentage sold to Assembler |
| V312 | Processor | Processor | discrete | numeric | Who was your major buyer of produce? |
| V313 | Percent6 | Percentage sold to Processor | contin | numeric | Percentage sold to Processor |
| V314 | Cooperative | Cooperative | discrete | numeric | Who was your major buyer of produce? |
| V315 | Percent7 | Percentage sold to Cooperative | contin | numeric | Percentage sold to Cooperative |
| V316 | Consumer | Consumer | discrete | numeric | Who was your major buyer of produce? |
| V317 | Percent8 | Percentage sold to Consumers | contin | numeric | Percentage sold to Consumers |

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V320 | OthersTxt | OthersTxt | discrete | character | |
| V319 | Percent9 | Percentage sold to Others | contin | numeric | Percentage sold to Others |
| V321 | Unstableprices | Unstable prices | discrete | numeric | Unstable prices |
| V322 | Roughroadshightransportc | Rough roads/ high transport cost | discrete | numeric | Rough roads/ high transport cost |
| V323 | Lowpriceofproduce | Low price of produce | discrete | numeric | Low price of produce |
| V324 | Nobuyermarketoutlet | No buyer/ market outlet | discrete | numeric | No buyer/ market outlet |
| V325 | Lackofmarketinginformation | Lack of marketing information | discrete | numeric | Lack of marketing information |
| V327 | JOthersTxt | Others Text | discrete | numeric | Others Text |

# Block K. Access to Credit (in focus parcel)

| | |
|---|---|
| Content | This block aims to gather information regarding loans availed of by the sample farmer/operator for camote production during the reference period. |
| Cases | 450 |
| Variable(s) | 7 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | Philippine Statistics Authority |
| Missing Data | |

## Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V355 | Region | Region | discrete | numeric | Region |
| V743 | Prov | Province | discrete | numeric | Province |
| V357 | ID | Farm Identification Code | discrete | numeric | Farm Identification Code |
| V364 | AvailedLoan | Availed Loan | discrete | numeric | Have you availed of loan for camote production during the reference period? |
| V591 | MajorSourceofLoan | Major Source of Loan | discrete | numeric | Who/what was your major source of loan? |
| V365 | LoanAmount | Loan Amount | contin | numeric | How much loan did you avail of? (Pesos) |
| V371 | RateperAnnum | Rate per Annum | contin | numeric | How much was the interest rate per annum? (in percent) |

## Block L. Farmer's Participation in Camote Programs and Projects

| | |
|---|---|
| Content | This block aims to collect information on the farmer's participation in camote program and projects during the reference period. |
| Cases | 450 |
| Variable(s) | 8 |
| Structure | Type: <br> Keys: () |
| Version | |
| Producer | Philippine Statistics Authority |
| Missing Data | |

## Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V380 | Region | Region | discrete | numeric | Region |
| V756 | Prov | Province | discrete | numeric | Province |
| V382 | ID | Farm Identification Code | discrete | numeric | Farm Identification Code |
| V389 | AwareofGovtProgram | Aware of Govt Program | discrete | numeric | Are you aware of any government program/intervention on camote? |
| V390 | AvailedBenefitfromGovtPro | Availed Benefit from Govt Program | discrete | numeric | Have you availed of any benefit from government program/intervention? (encircle code) |
| V592 | TypeofBenefitsAvailed | Type of Benefits Availed | discrete | numeric | Type of Benefits Availed |
| V399 | UseBenefits | Use Benefits | discrete | numeric | Did you use the benefit(s) in your production during the last completed cropping, May 2013 – April 2014? |
| V400 | Increasefarmincome | Increase farm income | discrete | numeric | Did the benefit(s) receive helped increase your farm income? |

# Block M. Other Information (for camote only)

| | |
|---|---|
| Content | This block aims to gather information relative to the effect of climate change in camote production and organic farming practices. Also, the sample farmer/operator's membership in any farmer's organization and benefits received are solicited. |
| Cases | 450 |
| Variable(s) | 20 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | Philippine Statistics Authority |
| Missing Data | |

## Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V414 | Region | Region | discrete | numeric | Region |
| V751 | Prov | Province | discrete | numeric | Province |
| V416 | ID | Farm Identification Code | discrete | numeric | Farm Identification Code |
| V423 | Climatechange | Climate change | discrete | numeric | Has Climate Change affected your farming practices? |
| V424 | Changeincroppingpattern | Change in cropping pattern | discrete | numeric | What was/were the effect/s? |
| V425 | Decreaseinnumberofcropp | Decrease in number of cropping per year | discrete | numeric | What was/were the effect/s? |
| V426 | Increaseininputusage | Increase in input usage | discrete | numeric | What was/were the effect/s? |
| V427 | Decreaseinyield | Decrease in yield | discrete | numeric | What was/were the effect/s? |
| V428 | Decreaseinfrequencyofpl | Decrease in frequency of plowing | discrete | numeric | What was/were the effect/s? |
| V429 | Others | Others | discrete | numeric | What was/were the effect/s? |
| V777 | OthersTxt | OthersTxt | discrete | character | What was/were the effect/s? |
| V431 | Naturalfarming | Natural farming | discrete | numeric | Did you practice any of the following natural farming method? |
| V432 | Hundredpercentchemicalfr | Hundred percent chemical free farming | discrete | numeric | Did you practice any of the following natural farming method? |
| V433 | Useoforganicfertilizer | Use of organic fertilizer (e.g,composts) | discrete | numeric | Did you practice any of the following natural farming method? |
| V434 | Maintainbufferzoneorbor | Maintain buffer zone or borders | discrete | numeric | Did you practice any of the following natural farming method? |
| V435 | MOthers | Others | discrete | numeric | Did you practice any of the following natural farming method? |
| V436 | MOthersTxt | OthersTxt | discrete | character | Did you practice any of the following natural farming method? |
| V437 | FarmersOrganization | Farmers Organization | discrete | numeric | Are you a member of camote farmers' organization? |
| V438 | NameofOrganization | Name of Organization | discrete | character | What is the name of the organization? |

| ID | Name | Label | Type | Format | Question |
|----|------|-------|------|--------|----------|
| V593 | TypeofBenefits | Type of Benefits | discrete | numeric | What were the benefit/s received from the organization? |

| ID | Name | Label | Type | Format | Question |
|----|------|-------|------|--------|----------|
| V593 | TypeofBenefits | Type of Benefits | discrete | numeric | What were the benefit/s received from the organization? |

# Block N. Plans and Recommendations

| | |
|---|---|
| Content | This block aims to compile the plans and recommendations of the sample farmer/operator for the improvement of his/her camote production. |
| Cases | 450 |
| Variable(s) | 14 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | Philippine Statistics Authority |
| Missing Data | |

## Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V468 | Region | Region | discrete | numeric | Region |
| V746 | Prov | Province | discrete | numeric | Province |
| V470 | ID | Farm Identification Code | discrete | numeric | Farm Identification Code |
| V477 | Plans | Plans | discrete | numeric | What is your plan regarding camote farm operation? |
| V479 | Pricesupport | Price support | discrete | numeric | What are your recommendations in order to improve your camote production? |
| V480 | Infrastructurefacilities | Infrastructure facilities | discrete | numeric | What are your recommendations in order to improve your camote production? |
| V481 | Regulatepriceoffarminputs | Regulate price of farm inputs | discrete | numeric | What are your recommendations in order to improve your camote production? |
| V482 | Financialsupport | Financial support | discrete | numeric | What are your recommendations in order to improve your camote production? |
| V483 | Soiltestinganalysis | Soil testing/ analysis | discrete | numeric | What are your recommendations in order to improve your camote production? |
| V484 | LandReformProgram | Land Reform Program | discrete | numeric | What are your recommendations in order to improve your camote production? |
| V485 | Environmentalconcerne.gw | Environmental concern (e.g, disposal, erosion) | discrete | numeric | What are your recommendations in order to improve your camote production? |
| V486 | Newmodernfarmingtechnolog | New/ modern farming technologies | discrete | numeric | What are your recommendations in order to improve your camote production? |
| V487 | Others | Others | discrete | numeric | What are your recommendations in order to improve your camote production? |
| V488 | OthersTxt | Others Text | discrete | character | What are your recommendations in order to improve your camote production? |

# Region (Region)
## File: Block AB. Sample Identification

**Overview**

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 4-16

Valid cases: 450
Invalid: 0

**Source of information**

Philippine Standard Geographic Code (PSGC)

**Literal question**

Region

**Interviewer instructions**

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the CRS Masterlist of sample barangays provided by SMRD.

# Province (Prov)
## File: Block AB. Sample Identification

**Overview**

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 2-56

Valid cases: 450
Invalid: 0

**Source of information**

Philippine Standard Geographic Code (PSGC)

**Literal question**

Province

**Interviewer instructions**

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the CRS Masterlist of sample barangays provided by SMRD.

# Farm Identification Code (ID)
## File: Block AB. Sample Identification

**Overview**

Type: Discrete
Format: numeric
Width: 11
Decimals: 0

Valid cases: 450
Invalid: 0

**Literal question**

Farm Identification Code

# Age (Age)
## File: Block AB. Sample Identification

**Overview**

Type: Continuous
Format: numeric
Width: 2
Decimals: 0

Valid cases: 450
Invalid: 0
Mean: 51.7
Standard deviation: 11.8

# Age (Age)
## File: Block AB. Sample Identification

**Literal question**

Age

**Interviewer instructions**

Ask the age (in years) of the sample farmer/operator as of his/her last birthday.

# Sex (Sex)
## File: Block AB. Sample Identification

**Overview**

| | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 1-2 | |

**Literal question**

Sex

**Interviewer instructions**

Encircle the appropriate code "1" if sample farmer/operator is Male and "2" if Female.

# Education Code (EducationCode)
## File: Block AB. Sample Identification

**Overview**

| | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 2 | |
| Decimals: 0 | |
| Range: 1-10 | |

**Literal question**

Education Code

**Interviewer instructions**

Ask the highest grade or level of education completed by the sample farmer/operator. Examples of correctly recorded responses are; Grade 1, Grade 5, Elementary graduate (Grade 6), First year high school, Third year high school, High School Graduate, Second year college, College graduate, Vocational - 2 years, etc. Fill up the boxes with the corresponding code.

# Occupation Code (OccupationCode)
## File: Block AB. Sample Identification

**Overview**

| | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 3 | |
| Decimals: 0 | |
| Range: 100-900 | |

**Literal question**

Occupation Code

**Interviewer instructions**

## Occupation Code (OccupationCode)
## File: Block AB. Sample Identification

Ask the specific occupation of the sample farmer. This refers to the gainful work or activity that provides the major source of income during the reference period. If the main occupation of the sample farmer/operator is crop farmer or livestock or poultry raiser, specify the name of crop/commodity. Example: camote farmer, swine raiser, poultry raiser, etc. Fill up the boxes with the corresponding code using Philippine Standard Occupational Classification (PSOC).

## Number of Years Engaged In Farming (FarmingExperience)
## File: Block AB. Sample Identification

**Overview**

| | |
|---|---|
| Type: Continuous | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 2 | Mean: 17 |
| Decimals: 0 | Standard deviation: 13.3 |

**Literal question**

Number of Years Engaged in Farming

**Interviewer instructions**

Ask the number of years the sample farmer has been engaged in camote farming. Record the number of years (in whole number) in the space provided.

## Respondent Classification (RespondentClassification)
## File: Block AB. Sample Identification

**Overview**

| | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 1-4 | |

**Literal question**

Respondent Classification

**Interviewer instructions**

Determine the respondent's classification and encircle the appropriate code. Encircle code "1" if the respondent is both the household head and farm operator, "2" if Farm operator other than the household head; "3" if Household head but not farm operator and "4" if Other knowledgeable household member.

# Region (Region)
## File: Block C1. Basic Characteristics of the Farm

**Overview**

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 4-16

Valid cases: 450
Invalid: 0
Minimum: 4
Maximum: 16

**Source of information**

Philippine Standard Geographic Code (PSGC)

**Literal question**

Region

**Interviewer instructions**

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the CRS Masterlist of sample barangays provided by SMRD.

# Province (Prov)
## File: Block C1. Basic Characteristics of the Farm

**Overview**

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 2-56

Valid cases: 450
Invalid: 0
Minimum: 2
Maximum: 56

**Source of information**

Philippine Standard Geographic Code (PSGC)

**Literal question**

Province

**Interviewer instructions**

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the CRS Masterlist of sample barangays provided by SMRD.

# Farm Identification Code (ID)
## File: Block C1. Basic Characteristics of the Farm

**Overview**

Type: Discrete
Format: numeric
Width: 11
Decimals: 0

Valid cases: 450
Invalid: 0

**Literal question**

Farm Identification Code

# Total Number of Parcels Operated (TotalNumberOfParcelsOperated)
## File: Block C1. Basic Characteristics of the Farm

**Overview**

# Total Number of Parcels Operated (TotalNumberOfParcelsOperated)
## File: Block C1. Basic Characteristics of the Farm

Type: Continuous
Format: numeric
Width: 4
Decimals: 2

Valid cases: 450
Invalid: 0
Minimum: 1
Maximum: 6
Mean: 1.9
Standard deviation: 0.9

### Literal question

How many farm parcels did you operate?

### Interviewer instructions

Ask the number of farm parcels the sample farmer is cultivating (within the province). This includes all
parcels devoted to all crops (camote, corn, palay, sugarcane and other crops)
during the reference period (May 2013 – April 2014).

# Total Physical Area (TotalPhysicalArea)
## File: Block C1. Basic Characteristics of the Farm

**Overview**

Type: Continuous
Format: numeric
Width: 5
Decimals: 2

Valid cases: 450
Invalid: 0
Minimum: 0
Maximum: 50
Mean: 2.2
Standard deviation: 4

### Description

Physical area - is the absolute area or the actual measurement of the parcel regardless of how many times it has been used.

### Literal question

What was the total physical area?

### Interviewer instructions

Ask the total physical area of the
farm parcel/s the sample farmer/operator is cultivating. Record the area in hectare
and in four (4) decimal places.

# Total Number of Parcels Devoted to Camote (TotalNumberOfParcelsDevoted)
## File: Block C1. Basic Characteristics of the Farm

**Overview**

Type: Continuous
Format: numeric
Width: 1
Decimals: 0

Valid cases: 450
Invalid: 0
Minimum: 1
Maximum: 5
Mean: 1.1
Standard deviation: 0.5

### Literal question

Of the total farm parcels, how many were planted to camote?

### Interviewer instructions

Ask the total number of parcels planted to camote.

# Focus Parcel ID (FocusParcelID)
## File: Block C1. Basic Characteristics of the Farm

# Focus Parcel ID (FocusParcelID)
## File: Block C1. Basic Characteristics of the Farm

**Overview**

| | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 4 |
| Range: 1- | |

**Description**

Parcel - refers to farm area bounded by a permanent/fixed physical structure (such as road or irrigation canal) or tenure.
Focus parcel - is the particular farm parcel where the last harvest is completed within the reference period and where all relevant information for this study will be collected.

**Interviewer instructions**

Parcel (encircle focus parcel)

# Focus Parcel Area (FocusParcelArea)
## File: Block C1. Basic Characteristics of the Farm

**Overview**

| | |
|---|---|
| Type: Continuous | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 4 | Minimum: 0 |
| Decimals: 2 | Maximum: 4 |
| | Mean: 0.5 |
| | Standard deviation: 0.5 |

**Literal question**

Focus Parcel Area

# Total Area Devoted to Camote (TotalAreaDevotedtoCamote)
## File: Block C1. Basic Characteristics of the Farm

**Overview**

| | |
|---|---|
| Type: Continuous | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 4 | Minimum: 0 |
| Decimals: 2 | Maximum: 6 |
| | Mean: 0.6 |
| | Standard deviation: 0.7 |

**Literal question**

Physical area (indicate the physical area in hectare)

**Interviewer instructions**

Ask the area of
each of the camote parcels operated starting with parcel 1 down to the last parcel.
Record the area in hectare and in four (4) decimal places.

# Tenure Status Code (TenureStatusCode)
## File: Block C1. Basic Characteristics of the Farm

**Overview**

## Tenure Status Code (TenureStatusCode)
## File: Block C1. Basic Characteristics of the Farm

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-8

Valid cases: 450
Invalid: 0
Minimum: 1
Maximum: 8

**Description**

Fully Owned- Refers to the land operated with a title of ownership and consequently the right to determine the nature and extent of use of the land. It includes lands whose absolute ownership is vested in the holder thru sale, inheritance, etc. A parcel is also considered fully owned if the holder has an absolute deed to the sale of the land, and also those lands of the tillers with Emancipation Patent.

Leased/Rented- A parcel of land cultivated by a lessee, that belong to or legally possessed by another, the lessor. The rental payment is in the form of a fixed amount of money and/or produced or both.

Tenanted- Refers to the tenure of land wherein the arrangement between the landlord (owner of the land) and the tenant (who cultivate the land) is in the form of share of produce or harvest.

Amortized- A parcel of land wherein a sample farmer does not have full legal title over the land being cultivated, but he still pays amortization.

Rent Free- Refers to an area operated without title of ownership and without paying rent but with the consent or permission of the landowner.

Owner-like Possession other than CLT or CLOA- Refers to the area of the land under conditions that enable a person to operate it as he/she is the owner although he/she does not possess title of ownership. Included are inherited lands without title of ownership and one who is a holder of a land for a period of 30 years or more, or even without the permission of the owner.

Held under Certificate of Land Transfer (CLT) or Certificate of Land Ownership Awar (CLOA)- These are lands granted under the Agrarian reform program known as the Comprehensive Agrarian Reform Law

Others, (specify) Example: Mortgage- Includes land held as mortgage and all other forms of tenurial status not categorized above. - convey of a real property to a creditor as a security on a loan.

**Literal question**

What is the tenurial status?

**Interviewer instructions**

Ask the tenurial status of the focus farm parcel cultivated and indicate the appropriate code in the box or specify if necessary.

## Times Planted Camote (TimesPlantedCamote)
## File: Block C1. Basic Characteristics of the Farm

**Overview**

Type: Continuous
Format: numeric
Width: 1
Decimals: 0

Valid cases: 450
Invalid: 0
Minimum: 1
Maximum: 3
Mean: 1.4

**Literal question**

How many times did you plant camote in a year?

**Interviewer instructions**

Ask and record the number of times the sample farmer plant camote in the focus farm parcel in a year.

## Cropping Pattern (CroppingPattern)
## File: Block C1. Basic Characteristics of the Farm

# Cropping Pattern (CroppingPattern)
## File: Block C1. Basic Characteristics of the Farm

**Overview**

| | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 2 | Minimum: 1 |
| Decimals: 0 | Maximum: 75 |
| Range: 1-75 | |

**Literal question**

What is the usual cropping pattern?

**Interviewer instructions**

Ask and indicate the usual cropping pattern. Examples: camote-corn; palay-camote, etc. Indicate in the box the number of cropping per year regardless of commodity. This will serve as a guide in determining the percent of use of farm investments.

# Number of Cropping per year (NumberOfCroppingPerYear)
## File: Block C1. Basic Characteristics of the Farm

**Overview**

| | |
|---|---|
| Type: Continuous | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 4 |
| Range: 1-4 | |

**Literal question**

Number of Crops in the Pattern

**Interviewer instructions**

Indicate in the box the number of cropping per year, regardless of commodity.

# Area Planted (AreaPlanted)
## File: Block C1. Basic Characteristics of the Farm

**Overview**

| | |
|---|---|
| Type: Continuous | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 4 | Minimum: 0 |
| Decimals: 2 | Maximum: 4 |
| | Mean: 0.4 |
| | Standard deviation: 0.5 |

**Literal question**

What was the area planted?

**Interviewer instructions**

Inquire on the area of the focus farm parcel planted to camote and record the response in hectare and in four (4) decimal places on the space provided.

# Area Harvested (AreaHarvested)
## File: Block C1. Basic Characteristics of the Farm

**Overview**

# Area Harvested (AreaHarvested)
## File: Block C1. Basic Characteristics of the Farm

Type: Continuous
Format: numeric
Width: 4
Decimals: 2

Valid cases: 450
Invalid: 0
Minimum: 0
Maximum: 4
Mean: 0.4
Standard deviation: 0.5

**Literal question**

What was the area harvested?

**Interviewer instructions**

Refers to the total area of the focus farm parcel where the actual harvesting has been done during the reference period. Inquire and indicate the area harvested in hectare and in four (4) decimal places on the space provided.

In many cases, the area harvested is exactly the same as the area planted. If the portion of the area planted to camote was damaged by flood, drought, pest and diseases, etc., the area harvested should be less than the area planted.

# Month Planted (MonthPlanted)
## File: Block C1. Basic Characteristics of the Farm

**Overview**

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 1-14

Valid cases: 450
Invalid: 0
Minimum: 1
Maximum: 14

**Literal question**

What month & year was it planted?

**Interviewer instructions**

Ask the specific month and year of planting. Indicate month code in the box provided.

# Month Harvested (MonthHarvested)
## File: Block C1. Basic Characteristics of the Farm

**Overview**

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 1-13

Valid cases: 450
Invalid: 0
Minimum: 1
Maximum: 13

**Literal question**

What month & year was it harvested?

**Interviewer instructions**

Ask the specific month and year of harvest of the camote. Indicate month code (refer to month code above) in the box provided. If harvesting was done in staggered manner, record the specific month when the focus parcel was totally harvested.

# Variety Planted (VarietyPlanted)
## File: Block C1. Basic Characteristics of the Farm

**Overview**

## Variety Planted (VarietyPlanted)
## File: Block C1. Basic Characteristics of the Farm

Type: Discrete
Format: character
Width: 36

Valid cases: 450
Invalid: 0

**Literal question**

What was the variety of camote planted? (specify) -

**Interviewer instructions**

Ask the variety of camote being cultivated. Specify the name of the variety of camote planted in the space provided.

## Main Use Of Camote (MainUseOfCamote)
## File: Block C1. Basic Characteristics of the Farm

**Overview**

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 450
Invalid: 0
Minimum: 1
Maximum: 2

**Description**

Food - anything which when taken into the body serves to nourish, build, repair tissues, supply energy or regulate body processes. Aside from its nutritional function, food is valued for its palatability and satiety effect as well as the varied meaning attached to it (emotional, social, religious, etc.) by different individuals, groups or races.

Feeds - naturally occuring ingredients or materials consumed by animals that provide energy and nutrients for the purpose of nourishing/sustaining them.

**Literal question**

What was the main use of camote (roots)?

**Interviewer instructions**

Encircle the appropriate code, "1" if for Food; code "2" if for Feeds.

## Source of Planting Materials (SourceOfPlantingMaterials)
## File: Block C1. Basic Characteristics of the Farm

**Overview**

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 1-56

Valid cases: 450
Invalid: 0
Minimum: 1
Maximum: 56

**Literal question**

Who/What was/were the source/s of planting materials?

**Interviewer instructions**

Ask the agency/entity/organization where the planting materials were obtained and encircle appropriate code(s).

# Region (Region)
# File: Block C2. Basic Characteristics of the Farm (Number of Parcels and Physical Area)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 507 |
| Format: numeric | Invalid: 0 |
| Width: 2 | |
| Decimals: 0 | |
| Range: 4-16 | |

**Source of information**

Philippine Standard Geographic Code (PSGC)

**Literal question**

Region

**Interviewer instructions**

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the CRS Masterlist of sample barangays provided by SMRD.

# Province (Province)
# File: Block C2. Basic Characteristics of the Farm (Number of Parcels and Physical Area)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 507 |
| Format: numeric | Invalid: 0 |
| Width: 2 | |
| Decimals: 0 | |
| Range: 2-56 | |

**Source of information**

Philippine Standard Geographic Code (PSGC)

**Literal question**

Province

**Interviewer instructions**

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the CRS Masterlist of sample barangays provided by SMRD.

# Farm Identification Code (ID)
# File: Block C2. Basic Characteristics of the Farm (Number of Parcels and Physical Area)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 507 |
| Format: numeric | Invalid: 0 |
| Width: 11 | |
| Decimals: 0 | |

**Literal question**

Farm Identification Code

## Parcel Id (Parcel_Id)
# File: Block C2. Basic Characteristics of the Farm (Number of Parcels and Physical Area)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 507 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 1-5 | |

**Description**

Parcel - refers to farm area bounded by a permanent/fixed physical structure (such as road or irrigation canal) or tenure.

**Literal question**

Of the total farm parcels, how many were planted to camote?

## Parcel Area (ParcelArea)
# File: Block C2. Basic Characteristics of the Farm (Number of Parcels and Physical Area)

| Overview | |
|---|---|
| Type: Continuous | Valid cases: 507 |
| Format: numeric | Invalid: 0 |
| Width: 1 | Mean: 0.5 |
| Decimals: 0 | Standard deviation: 0.5 |

**Description**

Physical area - is the absolute area or the actual measurement of the parcel regardless of how many times it has been used.

**Literal question**

Ask the area of each of the camote parcels operated starting with parcel 1 down to the last parcel.

**Interviewer instructions**

Record the area in hectare and in four (4) decimal places.

# Region (Region)
## File: Block D. Farm Investments (owned and used in the focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 2397 |
| Format: numeric | Invalid: 0 |
| Width: 2 | |
| Decimals: 0 | |
| Range: 4-16 | |

**Source of information**

Philippine Standard Geographic Code (PSGC)

**Literal question**

Region

**Interviewer instructions**

Write legibly on the spaces provided the name of region, province, city/municipality andbarangay. Fill up the boxes with the corresponding code/s from the CRS Masterlist of sample barangays provided by SMRD.

# Province (Province)
## File: Block D. Farm Investments (owned and used in the focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 2397 |
| Format: numeric | Invalid: 0 |
| Width: 2 | |
| Decimals: 0 | |
| Range: 2-56 | |

**Source of information**

Philippine Standard Geographic Code (PSGC)

**Literal question**

Province

**Interviewer instructions**

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the CRS Masterlist of sample barangays provided by SMRD.

# Farm Identification Code (ID)
## File: Block D. Farm Investments (owned and used in the focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 2397 |
| Format: numeric | Invalid: 0 |
| Width: 11 | |
| Decimals: 0 | |

**Literal question**

Farm Identification Code

# Item Code (ItemCode)
## File: Block D. Farm Investments (owned and used in the focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 2397 |
| Format: numeric | Invalid: 0 |
| Width: 3 | |
| Decimals: 0 | |
| Range: 100-515 | |

# Item Code (ItemCode)
## File: Block D. Farm Investments (owned and used in the focus parcel)

**Description**

# Item Code (ItemCode)
## File: Block D. Farm Investments (owned and used in the focus parcel)

Farm investments - refer to items that the farmer acquired/owned and used/utilized for the enhancement of farm production.

Farm land owned (hectare) - Refers to the focus farm parcel owned and tilled/operated by the sample farmer/operator during the reference cropping.

Work animals - Animals used in farm works. Examples are carabao, cattle and horse.

Carabao - popularly known as water buffalo that originated from India, used as draft animal and also suitable for milk production.

Cattle - general term for the members of the Bovidae family, wild (Bibos spp.) or domestic (Bos spp.). Domestic cattle have two species: Bos taurus or European breeds and Bos indicus or Zebu breeds or oriental domestic cattle.

Horse - hoofed animals belonging to the family Equidae.

Farm buildings and other structures - Structures with one or more rooms covered by roof and built for agricultural purposes.

Farm house - a structure which serves as farmer's resting place or shed and serves as storage for his farm inputs, outputs and implements. This is usually made of bamboo, wood and nipa.

Warehouse/storage - a concrete structure mainly used for storage of farm inputs, farm products and other farm equipment.

Others (specify) - any other structure present in the farm which provides major purposes for the focus parcel not previously mentioned.

Farm machinery and transport facilities - Machinery and transport facilities which are mainly used for the preparation, maintenance, irrigation, harvesting and other farm activities.

Two-wheel tractor - a hand tractor with two-wheeled apparatus controlled through the handle bars by walking operator.

Four-wheel tractor - an engine-powered vehicle used to draw other vehicles or equipment as plow or harrow.

Farm vehicles - are mechanized transport facilities used in the farm operation.

Trailer/cart - a vehicle with two or four wheels used for carrying loads in the farm operation.

Grass cutter - a machine used in cutting grass or lawn mower.

Others (specify) - other farm machinery and transport facilities used in the farm not previously mentioned.

Farm tools and implements - Farm tools and implements being used/utilized by the sample farmer in the production of camote during the reference period.

Plow (araro) - an animal drawn implement with a blade used to cut, lift and turn over soil.

Harrow (suyod) - a cultivating implement set with spikes spring teeth or disks and used primarily for pulverizing the soil.

Sprayer (pambomba) - a device such as atomizer used in applying pesticides, fungicides, molluscicides and herbicides to crops.

Weeder (pang-alis ng damo) - any mechanical device for eliminating weeds.

Shovel/Spade (pala) - a broad blade/heavy flat-bladed long-handled tool used for digging.

Bolo (itak) - a large single-edged knife used for cutting.

Hoe (asarol) - a tool with a thin blade sets across the end of a long handle, used for weeding, loosening soil, etc.

Sled (paragos) - a rural transport equipment with wooden runners.

Spading fork (tinidor) - a hand tool with flat tines for turning soil.

Post hole digger (panghukay) - a tool made of flat or round bars with sharp end for digging.

Yoke (singkaw) - a wooden frame or bar with loops or bows used for harnessing together a pair of oxen.

Rake (kalaykay) - any long-handled tool with teeth or prongs at one end; used for gathering loose grass, hay, leaves, etc., for smoothing broken grounds.

Weighing scale (timbangan) - a device for measuring the weight of an object.

Crates - a container such as a slatted wooden case or plastic case used for storing or shipping harvested produce.

Others (specify) - refer to other farm tools and implements used in the farm not previously mentioned.

## Item Code (ItemCode)
## File: Block D. Farm Investments (owned and used in the focus parcel)

**Literal question**

Item Code

**Interviewer instructions**

Investment items are enumerated in this column such as farm land, work animals, farm buildings and other structures, farm machinery and transport facilities and farm tools and implements.

To facilitate the interview, accomplish this block in horizontal manner. If there are two or more units of similar items acquired on different years/occasions, different useful/serviceable years and different percent of use, separate answers by a slash (/).

## Others Specify (OthersSpecify)
## File: Block D. Farm Investments (owned and used in the focus parcel)

**Overview**

| | |
|---|---|
| Type: Discrete | Valid cases: 63 |
| Format: character | Invalid: 0 |
| Width: 23 | |

**Description**

Others (specify) - any other structure present in the farm which provides major purposes for the focus parcel not previously mentioned.

**Literal question**

Others Specify

## Number of Units (NumberofUnits)
## File: Block D. Farm Investments (owned and used in the focus parcel)

**Overview**

| | |
|---|---|
| Type: Continuous | Valid cases: 2397 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |

**Description**

Number refers to the number of investment items owned and used/utilized by the sample farmer in the focus parcel.

Area refers to the size in hectare(s) of camote farm owned by the farmer.

**Literal question**

How many units were used?

**Interviewer instructions**

Area in this column should be equal to the area planted (Block C, Item 6). Indicate area in four (4) decimal places.

## Year Acquired (YearAcquired)
## File: Block D. Farm Investments (owned and used in the focus parcel)

**Overview**

| | |
|---|---|
| Type: Discrete | Valid cases: 2397 |
| Format: numeric | Invalid: 0 |
| Width: 4 | |
| Decimals: 0 | |

**Description**

Year acquired refers to the year a unit was acquired/constructed.

**Literal question**

What year was it acquired/constructed?

# Year Acquired (YearAcquired)
# File: Block D. Farm Investments (owned and used in the focus parcel)

**Interviewer instructions**

Year acquired should be recorded with four (4) – digit number e.g.1985, 1995, 2003, etc.

# Acquisition Costs (AcquisitionCosts)
# File: Block D. Farm Investments (owned and used in the focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 6
Decimals: 0

Valid cases: 2397
Invalid: 0

**Description**

Cost of acquisition/construction refers to the value of investment items at the time it was acquired/constructed.

**Literal question**

How much was the cost of acquisition/construction? (Pesos)

**Interviewer instructions**

Value of investment item should be in two (2) decimal places.

If inherited/given/transfer of ownership, ask the market value of the investment at the time it was acquired (inherited).

# Cost of Repair / Improvement (CostofRepairImprovement)
# File: Block D. Farm Investments (owned and used in the focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 5
Decimals: 0

Valid cases: 2389
Invalid: 8

**Description**

Expenses spent for minor repair/improvement refers to the expenses incurred for minor repairs and improvements made onthe reported farm investments during the last completed cropping period.

**Literal question**

How much was spent for minor repair/improvement? (Pesos)

# Years Will It Be Useful (YearsWillItBeUseful)
# File: Block D. Farm Investments (owned and used in the focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 2
Decimals: 0

Valid cases: 2353
Invalid: 44

**Description**

Serviceable/useful years refer to the estimated number of years (in whole number) the investment item is found to be useful/serviceable.

**Literal question**

How many years will it be useful/serviceable? (From the date of interview)

## Percent Of Use (PercentOfUse)
## File: Block D. Farm Investments (owned and used in the focus parcel)

### Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0

Valid cases: 2397
Invalid: 0

### Literal question

What was its percentage of use in the focus parcel?

### Interviewer instructions

Indicate the usage of the reported farm investment for farm operations during the reference period in percent (%) and record in two (2) decimal places. If there are more than one unit of any single item, get the percent of use of each item and separate answers by a slash (/).

Explain to the respondent what it means and what is the intention of the question item. An investment item may be used for many purposes or different production processes on different crops. In order to reflect a closer estimate of depreciation and repairs/improvements, there is a need to get some estimation as to the extent of use of such investment item for camote which is the subject of the survey questionnaire.

# Region (Region)
## File: Block E. Material Inputs (used in the focus parcel)

| **Overview** | |
|---|---|
| Type: Discrete | Valid cases: 680 |
| Format: numeric | Invalid: 0 |
| Width: 2 | |
| Decimals: 0 | |
| Range: 4-16 | |

**Source of information**

Philippine Standard Geographic Code (PSGC)

**Literal question**

Region

**Interviewer instructions**

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the CRS Masterlist of sample barangays provided by SMRD.

# Province (Province)
## File: Block E. Material Inputs (used in the focus parcel)

| **Overview** | |
|---|---|
| Type: Discrete | Valid cases: 680 |
| Format: numeric | Invalid: 0 |
| Width: 2 | |
| Decimals: 0 | |
| Range: 2-56 | |

**Source of information**

Philippine Standard Geographic Code (PSGC)

**Literal question**

Province

**Interviewer instructions**

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the CRS Masterlist of sample barangays provided by SMRD.

# Farm Identification Code (ID)
## File: Block E. Material Inputs (used in the focus parcel)

| **Overview** | |
|---|---|
| Type: Discrete | Valid cases: 680 |
| Format: numeric | Invalid: 0 |
| Width: 11 | |
| Decimals: 0 | |

**Literal question**

Farm Identification Code

# Item Code (ItemCode)
## File: Block E. Material Inputs (used in the focus parcel)

| **Overview** | |
|---|---|

# Item Code (ItemCode)
## File: Block E. Material Inputs (used in the focus parcel)

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 100-540

Valid cases: 680
Invalid: 0

**Description**

Planting Materials (cuttings) - Refer to the type of planting material used.

Organic Fertilizer (specify product name and N-P-K) - refers to any product whose basic ingredients are of plant and/or animal origin that has been decomposed biologically, chemically, or through any process that makes the original materials no longer recognizable or to be soil-like in texture, which can supply nutrients to plants. Examples are: azolla, sagana 100, guano, bio-N, vermicasts, etc.

Inorganic Fertilizer (specify product name and N-P-K) - refers to any fertilizer product whose properties are determined predominantly by its content of mineral matter or synthetic chemical compounds. Also, any chemical compound, in liquid or solid form, which contains concentrated amounts of at least one among: nitrogen (N), phosphorous (P) and potassium (K).

Enumerated in the questionnaire are the following:
3.01 Urea (45-0-0)
3.02 Urea (46-0-0)
3.03 Ammonium Sulfate (21-0-0)
3.04 Ammonium Phosphate (16-20-0)
3.05 Complete (12-12-12)
3.06 Complete (14-14-14)
3.07 Complete (16-16-16)
3.08 Muriate of Potash (0-0-60)

Others (specify product name and N-P-K) - refer to other types of inorganic fertilizers used by the farmer.

Soil Ameliorants (specify product name) - refer to certain elements placed or mixed into the soil to replenish depleted soil nutrients for better plant growth.

Pesticides (specify product name) - refer to chemicals used to control/eradicate insects, pests and weeds. Pesticides of original form maybe in solid or liquid.

Herbicides/Weedicides - refer to a compound used to control weeds or unwanted plants. In terms of timing of application herbicides are broadly classified as pre-emergence and post-emergence herbicides, referring to the stage of growth of weeds.

Insecticides - refer to a compound used to control insect pests.

Fungicides - refer to a compound used to control fungus or fungal organisms.

Rodenticides - refer to chemical used to control pests like rodents or rats.

Molluscicides - refer to a chemical intended to control and destroy pest shells.

Organic Pesticides (specify product name) - are botanical extracts/spray, they are extracted from selected plants which

**Literal question**

Item Code

**Interviewer instructions**

# Item Code (ItemCode)
## File: Block E. Material Inputs (used in the focus parcel)

Listed under this column are the material inputs used in camote production.

To facilitate the interview, accomplish this block in horizontal manner. If there are two or more units of similar item acquired from different sources or different mode of acquisitions, separate answers by a slash (/).

Ask what inorganic fertilizer was applied in the focus camote parcel and encircle the corresponding code.

Specify the product name and the nitrogen (N), phosphorous (P) and potassium (K) contents.

Ask the farmer if he applied soil ameliorants in the focus parcel during the reference period. If so, write down in the space provided the product name of the soil ameliorants. Examples are: Lime, Zinc Sulfate (Zinc 21%), etc.

Record the product name of the pesticides used in the focus parcel.

Ask if the farmer applied herbicides/ weedicides and if so, specify the product name and write down in the space provided. The following examples are product names and the formulation types are emulsifiable concentrate (EC), soluble concentrate
(SC) and wettable powder (WP). Examples are: 2,4-d Amne, 40 EC; Access Atrazine WP, and Activo 22 SC.

Ask if the farmer applied insecticides and if so, specify the name and write down in the space provided. Examples are: ABATE SG; 5-STAR GENERAL EC; ACETAM 75 SP and AGRI-MEK 1.8 EC.

Ask if the farmer applied fungicides. If so, specify and write down in the space provided. Examples are: AGROMYL 50 WP; ALIETTE 80 WP; and AMISTAR 25 SC

Ask if the farmer applied rodenticides. If so, specify and write down in the space provided. Example is racumin.

Ask if the farmer applied molluscicides. If so, specify and write down in the space provided. Examples are: AQUADIN 70 WP; ARCHER 50WP; and CRUSHER 250 EC

# Others Specify (OthersSpecify)
## File: Block E. Material Inputs (used in the focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 113 |
| Format: character | Invalid: 0 |
| Width: 19 | |
| **Literal question** | |
| Others Specify | |

# Nitrogen Content (N)
## File: Block E. Material Inputs (used in the focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 118 |
| Format: character | Invalid: 0 |
| Width: 2 | |
| **Literal question** | |
| Nitrogen Content | |
| **Interviewer instructions** | |

Record in the space provided the product name and NPK content of the fertilizer used in the focus parcel.

# Phosphorous Content (P)
## File: Block E. Material Inputs (used in the focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 160 |
| Format: character | Invalid: 0 |
| Width: 2 | |

**Literal question**

Phosphorous Content

**Interviewer instructions**

Record in the space provided the product name and NPK content of the fertilizer used in the focus parcel.

# Potassium Content (K)
## File: Block E. Material Inputs (used in the focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 160 |
| Format: character | Invalid: 0 |
| Width: 2 | |

**Literal question**

Potassium Content

**Interviewer instructions**

Record in the space provided the product name and NPK content of the fertilizer used in the focus parcel.

# Mode of Acquisition (ModeofAcquisition)
## File: Block E. Material Inputs (used in the focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 680 |
| Format: numeric | Invalid: 0 |
| Width: 2 | |
| Decimals: 0 | |
| Range: 11-32 | |

**Literal question**

What was the mode of acquisition?

**Interviewer instructions**

Indicate the code of the item whether purchased, own produced or received.

# Discount Rate (DiscountRate)
## File: Block E. Material Inputs (used in the focus parcel)

| Overview | |
|---|---|
| Type: Continuous | Valid cases: 680 |
| Format: numeric | Invalid: 0 |
| Width: 2 | Mean: 0 |
| Decimals: 0 | |

**Literal question**

If purchased and discounted, what was the discount rate?

**Interviewer instructions**

If the entry in Column 2 is purchased and the code is 1.3, ask for the discount rate of the material input used. Write the discount rate in percent and in two (2) decimal places.

# Number of Units (NumberofUnits)
## File: Block E. Material Inputs (used in the focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 5
Decimals: 0

Valid cases: 680
Invalid: 0

**Literal question**

How many units were used/applied?

**Interviewer instructions**

Ask the exact number of units of planting materials (cuttings), fertilizers, soil ameliorants and pesticides used/applied during the last completed cropping. Write in three (3) decimal places.

# Name of Local Unit (NameofLocalUnit)
## File: Block E. Material Inputs (used in the focus parcel)

**Overview**

Type: Discrete
Format: character
Width: 8

Valid cases: 680
Invalid: 0

**Literal question**

What was the name of local unit?

**Interviewer instructions**

For fertilizer, soil ameliorants and pesticides, write down the unit of measure (in its original form) of the material input used (e.g. bottle, pack, sack, ganta, bundle etc.).

# Weight in Kilogram (WeightinKilogram)
## File: Block E. Material Inputs (used in the focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 2
Decimals: 0

Valid cases: 680
Invalid: 0

**Literal question**

If solid input, what was the weight of one local unit in kilogram?

**Interviewer instructions**

Determine the equivalent weight in kilogram per solid input reported in Column 5. Write in three (3) decimal places.

# Weight in Liters (WeightinLiters)
## File: Block E. Material Inputs (used in the focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 1
Decimals: 0

Valid cases: 680
Invalid: 0

**Literal question**

If liquid input, what was the volume of one local unit in liter?

**Interviewer instructions**

Determine the equivalent volume in liter per liquid material input reported in Column 5. Write in three (3) decimal places.

# Price per Local Unit (PriceperLocalUnit)
## File: Block E. Material Inputs (used in the focus parcel)

| Overview | |
|---|---|
| Type: Continuous | Valid cases: 680 |
| Format: numeric | Invalid: 0 |
| Width: 4 | Mean: 196.5 |
| Decimals: 0 | Standard deviation: 399.1 |

**Literal question**

If purchased, what was the price of one local unit? (Pesos)

**Interviewer instructions**

Ask the price of one local unit (Column 5) and record in two (2) decimal places. If discounted, ask and record the prevailing market price. From the preceding example, the market price is the price that should be paid by the farmer without discount.

# Prevailing Price per Local Unit (PrevailingPriceperLocalUnit)
## File: Block E. Material Inputs (used in the focus parcel)

| Overview | |
|---|---|
| Type: Continuous | Valid cases: 680 |
| Format: numeric | Invalid: 0 |
| Width: 4 | Mean: 64.6 |
| Decimals: 0 | Standard deviation: 84.1 |

**Literal question**

If not purchased, what was the prevailing price in the locality? (Pesos)

**Interviewer instructions**

Ask for the prevailing price of one local unit in the locality and record in two (2) decimal places.

# Total Quantity in Kilogram (TotalQuantityinKilogram)
## File: Block E. Material Inputs (used in the focus parcel)

| Overview | |
|---|---|
| Type: Continuous | Valid cases: 680 |
| Format: numeric | Invalid: 0 |
| Width: 4 | |
| Decimals: 0 | |

**Literal question**

What was the total quantity in kilogram?

**Interviewer instructions**

For each of the total inputs in solid/granule form, i.e. fertilizers, soil ameliorants and pesticides, determine the quantity in standard unit (kilogram). This is computed by multiplying the number of units used (Column 4) by the weight of one local unit in kilogram (Column 6).

# Total Value In Kilogram (TotalValueInKilogram)
## File: Block E. Material Inputs (used in the focus parcel)

| Overview | |
|---|---|
| Type: Continuous | Valid cases: 680 |
| Format: numeric | Invalid: 0 |
| Width: 5 | Mean: 1267.9 |
| Decimals: 0 | Standard deviation: 2064.8 |

**Literal question**

How much was the total value (Pesos)?

# Total Value In Kilogram (TotalValueInKilogram)
# File: Block E. Material Inputs (used in the focus parcel)

**Interviewer instructions**

For the planting materials (cuttings), fertilizer, soil ameliorants and pesticides in column 10, determine the total value of each input by multiplying the number of units used (Column 4) by the price of one local unit (Column 8) if purchased or by prevailing price in the locality (Column 9) if not purchased.

# Total Volume in Liters (TotalVolumeinLiters)
# File: Block E. Material Inputs (used in the focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 2
Decimals: 0

Valid cases: 680
Invalid: 0

**Literal question**

What was the total volume in liter?

**Interviewer instructions**

For each of the total inputs in liquid form, i.e. fertilizers, soil ameliorants and pesticides, determine the total volume in liter. This is computed by multiplying the number of units used (Column 4) by the volume of one local unit in liter (Column 7).

# Total Value in Liters (TotalValueinLiters)
# File: Block E. Material Inputs (used in the focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 4
Decimals: 0

Valid cases: 680
Invalid: 0
Mean: 48.9
Standard deviation: 303.5

**Literal question**

How much was the total value (Pesos)?

**Interviewer instructions**

For the same item included in column 12, determine the total value of each input by multiplying the number of units used (Column 4) by the price of one local unit (Column 8) if purchased or by prevailing price in the locality (Column 9) if not purchased.

# Region (Region)
## File: Block F. Labor Inputs (in focus parcel)

| Overview | |
|---|---|

| | |
|---|---|
| Type: Discrete | Valid cases: 5432 |
| Format: numeric | Invalid: 0 |
| Width: 2 | |
| Decimals: 0 | |
| Range: 4-16 | |

**Source of information**

Philippine Standard Geographic Code (PSGC)

**Literal question**

Region

**Interviewer instructions**

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the CRS Masterlist of sample barangays provided by SMRD.

# Province (Province)
## File: Block F. Labor Inputs (in focus parcel)

| Overview | |
|---|---|

| | |
|---|---|
| Type: Discrete | Valid cases: 5432 |
| Format: numeric | Invalid: 0 |
| Width: 2 | |
| Decimals: 0 | |
| Range: 2-56 | |

**Source of information**

Philippine Standard Geographic Code (PSGC)

**Literal question**

Province

**Interviewer instructions**

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the CRS Masterlist of sample barangays provided by SMRD.

# Farm Identification Code (ID)
## File: Block F. Labor Inputs (in focus parcel)

| Overview | |
|---|---|

| | |
|---|---|
| Type: Discrete | Valid cases: 5432 |
| Format: numeric | Invalid: 0 |
| Width: 11 | |
| Decimals: 0 | |

**Literal question**

Farm Identification Code

# Item Code (ItemCode)
## File: Block F. Labor Inputs (in focus parcel)

| Overview | |
|---|---|

| | |
|---|---|
| Type: Discrete | Valid cases: 5432 |
| Format: numeric | Invalid: 0 |
| Width: 4 | |
| Decimals: 0 | |
| Range: 101-1303 | |

**Description**

# Item Code (ItemCode)
# File: Block F. Labor Inputs (in focus parcel)

Land Preparation - is the process of preparing the soil through primary, secondary or general tilling.

Clearing (Man) - zero tillage, land preparation by man alone.

Plowing - refers to breaking the soil surface using a plow. Type of labor use in plowing can be man and animal, and man and machine (two-wheel tractor and/or four-wheel tractor).

Plowing (Man-animal)
Plowing (Man-machine, 2 wheel)
Plowing (Man-machine, 4 wheel)

Harrowing - refers to breaking up clods and lumps of soil and to provide a finer finish, a good tilt or soil structure that is suitable for seeding and planting operations. Type of labor used can be man and animal, and man and machine (two-wheel and/or four-wheel tractor).

Harrowing (Man-animal)
Harrowing (Man-machine, 2 wheel)
Harrowing (Man-machine, 4 wheel)

Furrowing - turning the bottom of the soil and throwing a ribbon of soil into one side leaving a trench on the soil using moldboard plow. Type of labor used can be man and animal, and man and machine (two-wheel and/or four-wheel tractor).

Furrowing (Man-animal)
Furrrowing (Man-machine, 2 wheel)
Furrowing (Man-machine, 4 wheel)

Preparation of planting materials - is the selection and cutting of camote vines.

Hauling of planting materials - refers to the transferring of cuttings to the field.

Planting - refers to the direct planting of cuttings in straight rows.

Replanting - refers to planting of cuttings to serve as replacement for damaged camote plant.

Care of Crops - refers to process of providing plants the conditions that will help them grow and make them free of weeds, pests and diseases.

Fertilizer application - application of soil and plant nutrient to the proper places in the soil like urea, ammonium phosphate, complete fertilizer, etc.

Fertilizer application (basal) - fertilizer is broadcast over the entire area followed by cultivation to mix the fertilizer with the soil. Shallow plowing and harrowing are done two or three times to ensure even distribution of fertilizer applied.

Fertilizer application (side dressing) - application of fertilizer on or in the soil near the roots of a growing crop without cultivation, usually beside each row during 10 to 15 days after planting. This is very effective during the developing stage of the plant when they feed on nutrients very rapidly.

Fertilizer application (top dressing) - fertilizer is applied on a specific area where the plants either in bands, in rows or by hole method.

Soil ameliorant application - application of soil nutrient to enhance the condition of the soil.

Weeding (manual) - uprooting or removing weeds by hands.

Weeding (chemical spraying) - removal of weeds or unwanted grasses growing among cultivated plants by spraying herbicides/weedicides between the rows of the plants or on dikes.

Off-barring (man-animal) - refers to plowing between rows of plants with furrow slice thrown back-to-back to the center between plant rows.

Hilling-up - refers to plowing between rows of plants with the furrow slice thrown toward the base of the plant.

Hilling-up (man)
Hilling-up (man-animal)

Chemical application (other than weedicide) - application of chemicals to protect the plants from pests and diseases.

Harvesting (man) - is the process of digging mature crops from the fields by hands.

Harvesting (man-animal) - is the process of digging mature crops from the fields using man and animal-drawn plow.

Harvesting (man-machine) - is the process of digging mature crops from the fields using man and machine-drawn plow.

Picking - is the process of gathering and piling of matured crops.

Sorting - refers to the grouping of the produce according to common physical characteristics e.g. quality, class, kind or size.

Bagging - process of stocking the matured crops in containers such as bags, sack, etc.

Hauling - bringing the produce to the place where it will be temporarily stocked.

Hauling of produce (man)
Hauling of produce (man-animal)
Hauling of produce (man-machine)

Washing / Cleaning - is the process of removing soil stucked on the harvested camote roots.

## Item Code (ItemCode)
## File: Block F. Labor Inputs (in focus parcel)

**Literal question**

Item Code

**Interviewer instructions**

Listed in this column are the different activities involved in camote production. These include land preparation, planting, care of crops, harvesting, hauling of produce, sorting, etc.

## Others Specify (OthersSpecify)
## File: Block F. Labor Inputs (in focus parcel)

**Overview**

| | |
|---|---|
| Type: Discrete | Valid cases: 13 |
| Format: character | Invalid: 0 |
| Width: 29 | |

**Literal question**

Others Specify

**Interviewer instructions**

Others (specify) - Indicate other activities that are not listed or mentioned above.

## Operator - Number of Days Spent (OpDays)
## File: Block F. Labor Inputs (in focus parcel)

**Overview**

| | |
|---|---|
| Type: Continuous | Valid cases: 5432 |
| Format: numeric | Invalid: 0 |
| Width: 2 | Mean: 1.9 |
| Decimals: 0 | Standard deviation: 2.9 |

**Description**

Operator labor - This refers to the production activities performed by the farmer operator during the reference period.

**Literal question**

Operator- How many days were spent?

**Interviewer instructions**

Ask the total number of days of work per activity and record in whole number.

## Operator- Number of Hours Spent (OpHrs)
## File: Block F. Labor Inputs (in focus parcel)

**Overview**

| | |
|---|---|
| Type: Continuous | Valid cases: 5432 |
| Format: numeric | Invalid: 0 |
| Width: 2 | Mean: 2.7 |
| Decimals: 0 | Standard deviation: 2.8 |

**Description**

Operator labor - This refers to the production activities performed by the farmer operator during the reference period.

**Literal question**

Operator- How many hours per day were spent?

**Interviewer instructions**

Ask the average number of hours of work rendered by the operator and record in one (1) decimal place. To determine the average, add the total numbers of hours worked and divide the sum by the number of working days.

# Family Labor- Number of Persons (FamPerson)
## File: Block F. Labor Inputs (in focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 2
Decimals: 0

Valid cases: 5432
Invalid: 0

**Description**

Family Labor - This refers to the production activities performed by the family members of the sample farmer-operator.

**Literal question**

Family Labor-How many persons worked in the farm?

**Interviewer instructions**

Ask for the total number of family members who performed the particular farm operation.

# Family Labor- Number of Days Spent (FamDays)
## File: Block F. Labor Inputs (in focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 2
Decimals: 0

Valid cases: 5432
Invalid: 0
Mean: 1.6
Standard deviation: 3.3

**Description**

Family Labor - This refers to the production activities performed by the family members of the sample farmer-operator.

**Literal question**

Family Labor-On the average, how many days did they work?

**Interviewer instructions**

Indicate the average number of days each person worked in whole number on the space provided.

# Family Labor- Number of Hours Spent (FamHrs)
## File: Block F. Labor Inputs (in focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 1
Decimals: 0

Valid cases: 5432
Invalid: 0
Mean: 1.6
Standard deviation: 2.4

**Literal question**

Family labor-On the average, how many days did they work?

**Interviewer instructions**

Indicate the average number of hours spent working per day. To determine the average, add the total number of hours worked per person and divide the sum by the total number of working days. Record in one (1) decimal place on the space provided.

# Exchange Labor- Number of Persons (ExPerson)
## File: Block F. Labor Inputs (in focus parcel)

**Overview**

# Exchange Labor- Number of Persons (ExPerson)
## File: Block F. Labor Inputs (in focus parcel)

Type: Continuous
Format: numeric
Width: 2
Decimals: 0

Valid cases: 5432
Invalid: 0

**Description**

Exchange Labor (Bayanihan) is a custom of farmers to help each other in peak periods by working on each other's farm without any pay.

**Literal question**

Exchange labor-How many persons worked in the farm?

**Interviewer instructions**

Ask for the total number of persons who performed the particular farm operation.

# Exchange Labor- Number of Days Spent (ExDays)
## File: Block F. Labor Inputs (in focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 1
Decimals: 0

Valid cases: 5432
Invalid: 0

**Literal question**

Exchange labor-On the average, how many days did they work?

**Interviewer instructions**

Indicate the average number of days each person worked in whole number on the space provided.

# Exchange Labor- Number of Hours Spent (ExHrs)
## File: Block F. Labor Inputs (in focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 1
Decimals: 0

Valid cases: 5432
Invalid: 0

**Literal question**

Exchange labor-On the average, how many hours per day were spent?

**Interviewer instructions**

Indicate the average number of hours spent working per day. To determine the average, add the total number of hours worked per person and divide the sum by the total number of working days. Record in one (1) decimal place on the space provided.

# Prevailing Wage Rate (PrevWageRate)
## File: Block F. Labor Inputs (in focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 3
Decimals: 0

Valid cases: 5432
Invalid: 0
Mean: 164.5
Standard deviation: 96.1

**Literal question**

How much was the prevailing wage rate per day in the locality? (Pesos)

## Prevailing Wage Rate (PrevWageRate)
## File: Block F. Labor Inputs (in focus parcel)

**Interviewer instructions**

Ask for the prevailing wage rate per day in the locality for (each of the items in Column 1) the activities performed by unpaid workers. This information will be needed in the computation of imputed value of operator, family and exchange labor. Record in two (2) decimal places on the space provided.

## Hired Labor- Number of Persons (HiredPerson)
## File: Block F. Labor Inputs (in focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 2
Decimals: 0

Valid cases: 5432
Invalid: 0

**Description**

Hired labor - This refers to the production activities performed by the hired laborers including the payment of services rendered.

**Literal question**

Hired labor-How many persons worked in the farm?

**Interviewer instructions**

Ask for the total number of hired persons who performed the particular farm operation.

## Hired Labor- Number of Days Spent (HiredDays)
## File: Block F. Labor Inputs (in focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 2
Decimals: 0

Valid cases: 5432
Invalid: 0

**Description**

Hired labor - This refers to the production activities performed by the hired laborers including the payment of services rendered.

**Literal question**

Hired labor-On the average, how many days did they work?

**Interviewer instructions**

Indicate the average number of days each person worked in whole number on the space provided.

## Hired Labor- Number of Hours Spent (HiredHrs)
## File: Block F. Labor Inputs (in focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 1
Decimals: 0

Valid cases: 5432
Invalid: 0
Mean: 1.3
Standard deviation: 2.7

**Description**

Hired labor - This refers to the production activities performed by the hired laborers including the payment of services rendered.

**Literal question**

Hired labor-On the average, how many days did they work?

# Hired Labor- Number of Hours Spent (HiredHrs)
## File: Block F. Labor Inputs (in focus parcel)

**Interviewer instructions**

Indicate the average number of hours spent working per day. To determine the average, add the total number of hours worked per person and divide the sum by the total number of working days. Record in one (1) decimal place on the space provided.

# Total Mandays of Hired Labor (TotMandaysHired)
## File: Block F. Labor Inputs (in focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 2
Decimals: 0

Valid cases: 5432
Invalid: 0

**Description**

Conceptually, one manday is equivalent to eight (8) hours of work.

**Literal question**

Total mandays of hired labor

**Interviewer instructions**

Compute for the total mandays (TMD) of hired labor by multiplying Column 11, Column 12 and Column 13, and divide the result by eight (8). Record in two (2) decimal places on the space provided.

# Cash (Cash)
## File: Block F. Labor Inputs (in focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 4
Decimals: 0

Valid cases: 5428
Invalid: 4
Mean: 169.6
Standard deviation: 524.8

**Description**

Cash payment refers to the actual amount of cash paid according to the agreed basis of payment.

**Literal question**

How much was paid in cash? (pesos)

**Interviewer instructions**

If laborers were paid in cash, ask for the total amount paid to laborers per activity performed. Record in two (2) decimal places on the space provided.

# In Kind (InKind)
## File: Block F. Labor Inputs (in focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 4
Decimals: 0

Valid cases: 5432
Invalid: 0

**Description**

Paid in kind maybe in the form of concerned crop/commodity (CC) or other commodities (OC). Payment in kind refers to the peso equivalent of the quantity of produce paid for a work done.

**Literal question**

How much was paid in kind?

# In Kind (InKind)
## File: Block F. Labor Inputs (in focus parcel)

**Interviewer instructions**

Convert the payment into peso equivalent by following this procedure: Peso equivalent of Payment in kind= (Total number of units of payment in-kind x (Price per local unit during the time of payment)

# Food Cost (FoodCost)
## File: Block F. Labor Inputs (in focus parcel)

**Overview**

| | |
|---|---|
| Type: Continuous | Valid cases: 5432 |
| Format: numeric | Invalid: 0 |
| Width: 4 | Mean: 19 |
| Decimals: 0 | Standard deviation: 81.4 |

**Literal question**

How much was the total food cost incurred? (Pesos)

**Interviewer instructions**

When applicable, ask for the total cost incurred in the provision of food (meals/snacks) to farm workers during a particular farm operation.

# Region (Region)
## File: Block G. Other Production Costs (in focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 1119 |
| Format: numeric | Invalid: 0 |
| Width: 2 | |
| Decimals: 0 | |
| Range: 4-16 | |

**Source of information**

Philippine Standard Geographic Code (PSGC)

**Literal question**

Region

**Interviewer instructions**

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the CRS Masterlist of sample barangays provided by SMRD.

# Province (Province)
## File: Block G. Other Production Costs (in focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 1119 |
| Format: numeric | Invalid: 0 |
| Width: 2 | |
| Decimals: 0 | |
| Range: 2-56 | |

**Source of information**

Philippine Standard Geographic Code (PSGC)

**Literal question**

Province

**Interviewer instructions**

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the CRS Masterlist of sample barangays provided by SMRD.

# Farm Identification Code (ID)
## File: Block G. Other Production Costs (in focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 1119 |
| Format: numeric | Invalid: 0 |
| Width: 11 | |
| Decimals: 0 | |

**Literal question**

Farm Identification Code

# Item Code (ItemCode)
## File: Block G. Other Production Costs (in focus parcel)

| Overview | |
|---|---|

# Item Code (ItemCode)
## File: Block G. Other Production Costs (in focus parcel)

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 1-44

Valid cases: 1119
Invalid: 0

**Description**

Items - Refer to other items of production cost incurred on the focus parcel during the reference period.

Lease/Rentals of:
Land (annual) - refers to fixed payment in cash or in kind for the use of farm land during the reference period.

Machine (per cropping) - refers to fixed payment in cash or in kind for the use of machine during the reference period.

Animals (per cropping) - refers to fixed payment in cash or in kind for the use of animals during the reference period.

Tools and equipment (per cropping) - refers to fixed payment in cash or in kind for the use of tools and equipment during the reference period.

**Literal question**

Item Code

**Interviewer instructions**

# Item Code (ItemCode)
# File: Block G. Other Production Costs (in focus parcel)

Land Tax-owned farm (annual) - Ask the annual land tax paid for the focus parcel and enter in the space provided. If the land tax paid is for all parcels then use ratio and proportion based on area to apportion the land tax. Impute the land tax to owned farm in column 3 (imputed) if the farm operator did not pay tax during the reference period.

Caretaker/overseer's share/wages (per cropping) - Ask the payment for caretaker or overseer's in cash or in kind per cropping.

Other permanent employee's salary (monthly) - Ask the monthly payment for hired permanent farm workers doing production activities during the reference cropping period. If the payment is not monthly, convert it into monthly.

Land rental should be per annum. Otherwise convert the payment annually. Example: If the land rent is paid after every harvest, multiply the rent by the number of cropping. For farm land with tenurial status " Rent free", impute for the land rental for the use of land during the reference period in column 3 (Imputed).

Rent for machine should be per cropping.

Rent for animals should be per cropping.

Rent for tools and equipment should be per cropping.

Rental value of owned land (annual) - Ask the sample farmer how much would be the annual rental value of the land cultivated for camote if in case these have been rented. This is an imputed cost and recorded in the space provided.

Rental value of owned animal/s (per cropping) - Ask the sample farmer how much would be the rental per cropping of the animal/s used for camote production if in case these have been rented. This is an imputed cost and recorded in the space provided.

Fuel (per cropping) - Ask the exact quantity in liters and cost of fuel (diesel, gasoline and kerosene) consumed in the production process of camote. If paid in kind, record total value in cash equivalent.

Oil (per cropping) - Ask the exact quantity in liters and cost of oil consumed in the production process of camote. If paid in kind, record total value in cash equivalent.

Transport cost of inputs (per cropping) - Ask the costs incurred in transporting the procured fertilizers, chemicals, and other farm inputs to the farm sites. In case of payment in kind, indicate the quantity paid and total value in cash equivalent.

Interest payment on crop loan (per cropping) - Ask the payment in cash or in kind for the interest on borrowed capital used in the production of camote. If paid in kind, ask for the quantity paid and total value in cash equivalent. Interest payment for crop loan should be per cropping. Otherwise convert the payment into per cropping.

Storage cost (per cropping) - Ask the payment in storing the produce in a suitable place for a period of time before disposition or distribution.

Electricity cost (monthly) - Ask the monthly payment in cash for electricity consumed in the production process.

Water (monthly) - Ask the monthly payment in cash for water consumed in the production process.

Landowner's share (per cropping) - Ask the quantity in local unit given to landowner as payment for the use of his farm land.

# Others Specify (OthersSpecify)
# File: Block G. Other Production Costs (in focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 269 |
| Format: character | Invalid: 0 |
| Width: 14 | |

**Literal question**

Others Specify

**Interviewer instructions**

## Others Specify (OthersSpecify)
## File: Block G. Other Production Costs (in focus parcel)

Others (specify) - Ask for other items of production cost incurred during the reference period other than those mentioned above. Example is acquisition costs of investment items being utilized for less than a year, e.g. sack, kaing, basket, etc. Specify in the space provided the cost of the item per cropping.

## Quantity in Liters (QuantityinLiters)
## File: Block G. Other Production Costs (in focus parcel)

| **Overview** | |
|---|---|
| Type: Continuous | Valid cases: 1119 |
| Format: numeric | Invalid: 0 |
| Width: 2 | |
| Decimals: 0 | |

**Interviewer instructions**

Fuel (per cropping) - Ask the exact quantity in liters of fuel (diesel, gasoline and kerosene) consumed in the production process of camote.

Oil (per cropping) - Ask the exact quantity in liters of oil consumed in the production process of camote.

## Cash (Cash)
## File: Block G. Other Production Costs (in focus parcel)

| **Overview** | |
|---|---|
| Type: Continuous | Valid cases: 1119 |
| Format: numeric | Invalid: 0 |
| Width: 5 | |
| Decimals: 0 | |

**Description**

Cash (pesos) - This refers to direct cash outlays or cash payment for other production costs incurred during production process.

**Literal question**

Cash

## Imputed (Imputed)
## File: Block G. Other Production Costs (in focus parcel)

| **Overview** | |
|---|---|
| Type: Continuous | Valid cases: 1119 |
| Format: numeric | Invalid: 0 |
| Width: 5 | |
| Decimals: 0 | |

**Description**

Imputed (pesos) - This refers to expenditures that do not involve actual outlays in cash or in kind; they represent the opportunity costs of using owned resources and are given the values of the best alternative uses foregone.

Non-cash - payment in kind may take the form of quantities of the crop being produced in the concerned farm or other crops being produced or other commodities acceptable to the owner of the land, machine, animals and tools and equipment. In such case, determine the quantity paid and the total value in cash equivalent.

**Literal question**

Imputed

# Commodity (Commodity)
## File: Block G. Other Production Costs (in focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 1119 |
| Format: numeric | Invalid: 0 |
| Width: 4 | |
| Decimals: 0 | |
| Range: 0-1710 | |

**Literal question**

What was the crop/commodity paid?

**Interviewer instructions**

Specify the crop/commodity paid, it can be either camote or other agricultural commodity.

# Number of Units (NumberofUnits)
## File: Block G. Other Production Costs (in focus parcel)

| Overview | |
|---|---|
| Type: Continuous | Valid cases: 1119 |
| Format: numeric | Invalid: 0 |
| Width: 3 | Mean: 1.6 |
| Decimals: 0 | Standard deviation: 15.6 |

**Literal question**

How many local units?

**Interviewer instructions**

Ask the number of local units of camote or other agricultural commodity paid in column 4.

# Local Unit (LocalUnit)
## File: Block G. Other Production Costs (in focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 1119 |
| Format: character | Invalid: 0 |
| Width: 12 | |

**Literal question**

What was the name of local unit?

**Interviewer instructions**

Indicate the name of local unit used in measuring the quantity paid in Column 5.

# Weight in Kilogram (WeightinKilogram)
## File: Block G. Other Production Costs (in focus parcel)

| Overview | |
|---|---|
| Type: Continuous | Valid cases: 1119 |
| Format: numeric | Invalid: 0 |
| Width: 3 | Mean: 2.5 |
| Decimals: 0 | Standard deviation: 11.5 |

**Literal question**

What was the weight of one local unit?

**Interviewer instructions**

Write the equivalent weight of one local unit in kilogram.

# Total Quantity in Kilogram (TotalQuantityinKilogram)
# File: Block G. Other Production Costs (in focus parcel)

**Overview**

| | |
|---|---|
| Type: Continuous | Valid cases: 1119 |
| Format: numeric | Invalid: 0 |
| Width: 4 | Mean: 10.4 |
| Decimals: 0 | Standard deviation: 62.9 |

**Literal question**

What was the total quantity in kilogram?

**Interviewer instructions**

Write the total quantity paid in kilogram by multiplying column 5 and column 7.

# Total Value in Kilogram (TotalValueinKilogram)
# File: Block G. Other Production Costs (in focus parcel)

**Overview**

| | |
|---|---|
| Type: Continuous | Valid cases: 1118 |
| Format: numeric | Invalid: 1 |
| Width: 5 | Mean: 157.8 |
| Decimals: 0 | Standard deviation: 939.8 |

**Literal question**

How much was the total value? (pesos)

**Interviewer instructions**

Write the total value of the total quantity paid in column 8, it should be prevailing market price of the specific commodity.

# Region (Region)
## File: Block H. Production and Disposition (in focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 2 | |
| Decimals: 0 | |
| Range: 4-16 | |

**Source of information**

Philippine Standard Geographic Code (PSGC)

**Literal question**

Region

**Interviewer instructions**

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the CRS Masterlist of sample barangays provided by SMRD.

# Province (Prov)
## File: Block H. Production and Disposition (in focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 2 | |
| Decimals: 0 | |
| Range: 2-56 | |

**Source of information**

Philippine Standard Geographic Code (PSGC)

**Literal question**

Province

**Interviewer instructions**

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the CRS Masterlist of sample barangays provided by SMRD.

# Farm Identification Code (ID)
## File: Block H. Production and Disposition (in focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 11 | |
| Decimals: 0 | |

**Literal question**

Farm Identification Code

# Camote Roots Quantity in local unit (CamoteRootsQuantityinlocalu)
## File: Block H. Production and Disposition (in focus parcel)

| Overview | |
|---|---|
| Type: Continuous | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 8 | |
| Decimals: 2 | |

# Camote Roots Quantity in local unit (CamoteRootsQuantityinlocalu)
## File: Block H. Production and Disposition (in focus parcel)

**Literal question**

Camote Roots Quantity in Local Unit

**Interviewer instructions**

Enter the gross production in local unit on the space provided in two (2) decimal places.

# Name of local unit (LU) (NameoflocalunitLU)
## File: Block H. Production and Disposition (in focus parcel)

**Overview**

| | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 2 | |
| Decimals: 0 | |
| Range: 2-97 | |

**Literal question**

Name of Local Unit

**Interviewer instructions**

Indicate the name of local unit used in measuring the volume of production, e.g., kilogram, sack, kaing, bundle, pieces, can, etc., in the space provided.

# Weight of one LU in kilogram (WeightofoneLUinkilogram)
## File: Block H. Production and Disposition (in focus parcel)

**Overview**

| | |
|---|---|
| Type: Continuous | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 3 | |
| Decimals: 0 | |

**Literal question**

Weight of one local unit in kilogram

**Interviewer instructions**

Ask the sample farmer/operator the equivalent weight of one local unit in kilogram and write in two (2) decimal places.

# Trader (Trader)
## File: Block H. Production and Disposition (in focus parcel)

**Overview**

| | |
|---|---|
| Type: Continuous | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 8 | |
| Decimals: 2 | |

**Pre question**

Disposition (quantity in local unit) - Refers to the manner by which the farmer disposed the produce. It may be immediately after harvesting, and/or sorting. Ask and record the following disposition items in the number of local unit.

**Literal question**

Trader

**Interviewer instructions**

Trader - quantity in local unit that was sold to wholesaler, wholesaler-retailer, agent, assembler, etc.

# Co-Farmer / End User (CoFarmerEndUser)
## File: Block H. Production and Disposition (in focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 7
Decimals: 2

Valid cases: 450
Invalid: 0

**Pre question**

Disposition (quantity in local unit) - Refers to the manner by which the farmer disposed the produce. It may be immediately after harvesting, and/or sorting. Ask and record the following disposition items in the number of local unit.

**Literal question**

Co-Farmer/End User

**Interviewer instructions**

Co-farmer / Other End-user - quantity in local unit that was sold to co-farmer or other end-user.

# Processor of food (Processoroffood)
## File: Block H. Production and Disposition (in focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 5
Decimals: 2

Valid cases: 450
Invalid: 0

**Pre question**

Disposition (quantity in local unit) - Refers to the manner by which the farmer disposed the produce. It may be immediately after harvesting, and/or sorting. Ask and record the following disposition items in the number of local unit.

**Literal question**

Processor of food

**Interviewer instructions**

Processor for food - the quantity in local unit that went to processor for food.

# Processor of feeds (Processoroffeeds)
## File: Block H. Production and Disposition (in focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 1
Decimals: 0

Valid cases: 450
Invalid: 0

**Pre question**

Disposition (quantity in local unit) - Refers to the manner by which the farmer disposed the produce. It may be immediately after harvesting, and/or sorting. Ask and record the following disposition items in the number of local unit.

**Literal question**

Processor of feeds

**Interviewer instructions**

Processor for feeds - the quantity in local unit that went to processor for feeds.

# Price per local unit (in pesos) (Priceperlocalunitinpesos)
## File: Block H. Production and Disposition (in focus parcel)

**Overview**

# Price per local unit (in pesos) (Priceperlocalunitinpesos)
## File: Block H. Production and Disposition (in focus parcel)

| | |
|---|---|
| Type: Continuous | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 7 | Mean: 594 |
| Decimals: 2 | Standard deviation: 366 |

**Literal question**

Price per local unit (in pesos)

**Interviewer instructions**

Ask the price of one local unit. It will be used in the computation of gross value of production.

# Harvesters' share (Harvestersshare)
## File: Block H. Production and Disposition (in focus parcel)

**Overview**

| | |
|---|---|
| Type: Continuous | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 5 | |
| Decimals: 2 | |

**Pre question**

Disposition (quantity in local unit) - Refers to the manner by which the farmer disposed the produce. It may be immediately after harvesting, and/or sorting. Ask and record the following disposition items in the number of local unit.

**Literal question**

Harvesters' share

**Interviewer instructions**

Harvesters' share - the quantity in local unit given to harvesters as payment for the services rendered.

# Other laborers' share (Otherlaborersshare)
## File: Block H. Production and Disposition (in focus parcel)

**Overview**

| | |
|---|---|
| Type: Continuous | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 4 | |
| Decimals: 2 | |

**Pre question**

Disposition (quantity in local unit) - Refers to the manner by which the farmer disposed the produce. It may be immediately after harvesting, and/or sorting. Ask and record the following disposition items in the number of local unit.

**Literal question**

Other laborers' share

**Interviewer instructions**

Other laborers' share - the quantity in local unit given to other farm laborers as payment to services rendered.

# Landowner's share (Landownersshare)
## File: Block H. Production and Disposition (in focus parcel)

**Overview**

| | |
|---|---|
| Type: Continuous | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 6 | |
| Decimals: 2 | |

**Pre question**

## Landowner's share (Landownersshare)
## File: Block H. Production and Disposition (in focus parcel)

Disposition (quantity in local unit) - Refers to the manner by which the farmer disposed the produce. It may be immediately after harvesting, and/or sorting. Ask and record the following disposition items in the number of local unit.

**Literal question**

Landowner's share

**Interviewer instructions**

Landowner's share - refers to the quantity in local unit given to landowner as payment for the use of his farm land.

## Land lease / Rental (LandleaseRental)
## File: Block H. Production and Disposition (in focus parcel)

**Overview**

| | |
|---|---|
| Type: Continuous | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |

**Pre question**

Disposition (quantity in local unit) - Refers to the manner by which the farmer disposed the produce. It may be immediately after harvesting, and/or sorting. Ask and record the following disposition items in the number of local unit.

**Literal question**

Land lease / Rental

**Interviewer instructions**

Land lease/rental - the quantity in local unit paid for the lease/rental of the farm land.

## For home consumption (Forhomeconsumption)
## File: Block H. Production and Disposition (in focus parcel)

**Overview**

| | |
|---|---|
| Type: Continuous | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 6 | |
| Decimals: 2 | |

**Pre question**

Disposition (quantity in local unit) - Refers to the manner by which the farmer disposed the produce. It may be immediately after harvesting, and/or sorting. Ask and record the following disposition items in the number of local unit.

**Literal question**

For home consumption

**Interviewer instructions**

For home consumption - the quantity in local unit consumed/to be consumed by the farm household.

## For home-based processing (Forhomebasedprocessing)
## File: Block H. Production and Disposition (in focus parcel)

**Overview**

| | |
|---|---|
| Type: Continuous | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 6 | |
| Decimals: 2 | |

**Pre question**

## For home-based processing (Forhomebasedprocessing)
## File: Block H. Production and Disposition (in focus parcel)

Disposition (quantity in local unit) - Refers to the manner by which the farmer disposed the produce. It may be immediately after harvesting, and/or sorting. Ask and record the following disposition items in the number of local unit.

**Literal question**

For home-based processing

**Interviewer instructions**

For home-based processing - the quantity in local unit for home-based processing.

## Given away (Givenaway)
## File: Block H. Production and Disposition (in focus parcel)

| **Overview** | |
|---|---|
| Type: Continuous | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 6 | |
| Decimals: 2 | |

**Pre question**

Disposition (quantity in local unit) - Refers to the manner by which the farmer disposed the produce. It may be immediately after harvesting, and/or sorting. Ask and record the following disposition items in the number of local unit.

**Literal question**

Given away

**Interviewer instructions**

Given away - the quantity in local unit given to other persons, relatives and other households.

## Paid to creditor (Paidtocreditor)
## File: Block H. Production and Disposition (in focus parcel)

| **Overview** | |
|---|---|
| Type: Continuous | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 5 | |
| Decimals: 2 | |

**Pre question**

Disposition (quantity in local unit) - Refers to the manner by which the farmer disposed the produce. It may be immediately after harvesting, and/or sorting. Ask and record the following disposition items in the number of local unit.

**Literal question**

Paid to creditor

**Interviewer instructions**

Paid to creditor - the quantity in local unit paid to creditors.

## Used / To be used for feeds (UsedTobeusedforfeeds)
## File: Block H. Production and Disposition (in focus parcel)

| **Overview** | |
|---|---|
| Type: Continuous | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 6 | |
| Decimals: 2 | |

**Pre question**

# Used / To be used for feeds (UsedTobeusedforfeeds)
## File: Block H. Production and Disposition (in focus parcel)

Disposition (quantity in local unit) - Refers to the manner by which the farmer disposed the produce. It may be immediately after harvesting, and/or sorting. Ask and record the following disposition items in the number of local unit.

**Literal question**

Used / To be used for feeds

**Interviewer instructions**

Used / To be used for planting materials - the quantity in local unit used as planting materials (cuttings) reserved by the farmer for future use.

# Wastage (Wastage)
## File: Block H. Production and Disposition (in focus parcel)

| Overview | |
|---|---|
| Type: Continuous | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 6 | |
| Decimals: 2 | |

**Pre question**

Disposition (quantity in local unit) - Refers to the manner by which the farmer disposed the produce. It may be immediately after harvesting, and/or sorting. Ask and record the following disposition items in the number of local unit.

**Literal question**

Wastage

**Interviewer instructions**

Wastage - estimated quantity in local unit of spoilage or losses incurred during harvesting.

# Others (Others)
## File: Block H. Production and Disposition (in focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: character | Invalid: 0 |
| Width: 13 | |

**Pre question**

Disposition (quantity in local unit) - Refers to the manner by which the farmer disposed the produce. It may be immediately after harvesting, and/or sorting. Ask and record the following disposition items in the number of local unit.

**Literal question**

Others

**Interviewer instructions**

Others (specify) - quantity in local unit used for other purposes which do not belong to the above categories.

# Total Disposition (TotalDisposition)
## File: Block H. Production and Disposition (in focus parcel)

| Overview | |
|---|---|
| Type: Continuous | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 8 | Mean: 280.5 |
| Decimals: 2 | Standard deviation: 1055.5 |

**Literal question**

Total Disposition

# Total Disposition (TotalDisposition)
# File: Block H. Production and Disposition (in focus parcel)

**Interviewer instructions**

Add disposition item 2.01 sold / to be sold to 2.13 Others (specify) and write the sum in the space provided.

# Region (Region)
## File: Block I. Production Related Information (in focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 2 | |
| Decimals: 0 | |
| Range: 4-16 | |

**Source of information**

Philippine Standard Geographic Code (PSGC)

**Literal question**

Region

**Interviewer instructions**

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the CRS Masterlist of sample barangays provided by SMRD.

# Province (Prov)
## File: Block I. Production Related Information (in focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 2 | |
| Decimals: 0 | |
| Range: 2-56 | |

**Source of information**

Philippine Standard Geographic Code (PSGC)

**Literal question**

Province

**Interviewer instructions**

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the CRS Masterlist of sample barangays provided by SMRD.

# Farm Identification Code (ID)
## File: Block I. Production Related Information (in focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 11 | |
| Decimals: 0 | |

**Literal question**

Farm Identification Code

# Production comparison (Productioncomparison)
## File: Block I. Production Related Information (in focus parcel)

| Overview | |
|---|---|

# Production comparison (Productioncomparison)
## File: Block I. Production Related Information (in focus parcel)

Type: Discrete                                    Valid cases: 450
Format: numeric                                   Invalid: 0
Width: 1
Decimals: 0
Range: 1-4

**Literal question**

How would you compare your production (roots) in the focus parcel during the reference period with the same period of last year?

**Interviewer instructions**

Ask the sample farmer/operator to compare the quantity produce (in focus parcel) during the reference period with the same period of last year. Encircle the appropriate code provided.

# Change in area (Changeinarea)
## File: Block I. Production Related Information (in focus parcel)

**Overview**

Type: Discrete                                    Valid cases: 450
Format: numeric                                   Invalid: 0
Width: 1
Decimals: 0
Range: 0-1

**Literal question**

What was/were the reason/s for the change in production?

**Interviewer instructions**

Ask the sample farmer/operator on the reason/s for the change in production. Encircle the appropriate code/s and specify verbatim answer in the space provided.

# Kind of change in area (Reason1)
## File: Block I. Production Related Information (in focus parcel)

**Overview**

Type: Discrete                                    Valid cases: 450
Format: character                                 Invalid: 0
Width: 17

**Literal question**

Kind of change in area

# Weather effects (Weathereffects)
## File: Block I. Production Related Information (in focus parcel)

**Overview**

Type: Discrete                                    Valid cases: 450
Format: numeric                                   Invalid: 0
Width: 1
Decimals: 0
Range: 0-2

**Literal question**

What was/were the reason/s for the change in production?

**Interviewer instructions**

Ask the sample farmer/operator on the reason/s for the change in production. Encircle the appropriate code/s and specify verbatim answer in the space provided.

## Kind of weather effects (Reason2)
## File: Block I. Production Related Information (in focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: character | Invalid: 0 |
| Width: 12 | |

**Literal question**

Kind of weather effects

## Pest and diseases (Pestanddiseases)
## File: Block I. Production Related Information (in focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 0-3 | |

**Literal question**

What was/were the reason/s for the change in production?

**Interviewer instructions**

Ask the sample farmer/operator on the reason/s for the change in production. Encircle the appropriate code/s and specify verbatim answer in the space provided.

## Kind of pests and diseases (Reason3)
## File: Block I. Production Related Information (in focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: character | Invalid: 0 |
| Width: 31 | |

**Literal question**

Kind of pests and diseases

## Planting materials (Plantingmaterials)
## File: Block I. Production Related Information (in focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 0-4 | |

**Literal question**

What was/were the reason/s for the change in production?

**Interviewer instructions**

Ask the sample farmer/operator on the reason/s for the change in production. Encircle the appropriate code/s and specify verbatim answer in the space provided.

## Type of planting materials (Reason4)
## File: Block I. Production Related Information (in focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: character | Invalid: 0 |
| Width: 23 | |

**Literal question**

Type of planting materials

## Fertilizer (Fertilizer)
## File: Block I. Production Related Information (in focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 0-5 | |

**Literal question**

What was/were the reason/s for the change in production?

**Interviewer instructions**

Ask the sample farmer/operator on the reason/s for the change in production. Encircle the appropriate code/s and specify verbatim answer in the space provided.

## Fertilizer Usage (Reason5)
## File: Block I. Production Related Information (in focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: character | Invalid: 0 |
| Width: 28 | |

**Literal question**

Fertilizer Usage

## Others (Others)
## File: Block I. Production Related Information (in focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 0-6 | |

**Literal question**

What was/were the reason/s for the change in production?

**Interviewer instructions**

Ask the sample farmer/operator on the reason/s for the change in production. Encircle the appropriate code/s and specify verbatim answer in the space provided.

## Other Reasons (Reason6)
## File: Block I. Production Related Information (in focus parcel)

**Overview**

Type: Discrete
Format: character
Width: 18

Valid cases: 450
Invalid: 0

**Literal question**

Other Reasons

## Pests and diseases (Pestsanddiseases)
## File: Block I. Production Related Information (in focus parcel)

**Overview**

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 450
Invalid: 0

**Pre question**

What were the camote production related problems you have encountered?

**Literal question**

Pests and diseases

**Interviewer instructions**

Ask the sample farmer/operator on the problems affecting production of camote during the reference period and encircle the appropriate code/s provided or specify if necessary.

## High cost of inputs (Highcostofinputs)
## File: Block I. Production Related Information (in focus parcel)

**Overview**

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-2

Valid cases: 450
Invalid: 0

**Pre question**

What were the camote production related problems you have encountered?

**Literal question**

High cost of inputs

**Interviewer instructions**

Ask the sample farmer/operator on the problems affecting production of camote during the reference period and encircle the appropriate code/s provided or specify if necessary.

## Bad weather/ Calamities (BadweatherCalamities)
## File: Block I. Production Related Information (in focus parcel)

**Overview**

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-3

Valid cases: 450
Invalid: 0

# Bad weather/ Calamities (BadweatherCalamities)
## File: Block I. Production Related Information (in focus parcel)

**Pre question**

What were the camote production related problems you have encountered?

**Literal question**

Bad weather/ Calamities

**Interviewer instructions**

Ask the sample farmer/operator on the problems affecting production of camote during the reference period and encircle the appropriate code/s provided or specify if necessary.

# Lack of capital (Lackofcapital)
## File: Block I. Production Related Information (in focus parcel)

**Overview**

| | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 0-4 | |

**Pre question**

What were the camote production related problems you have encountered?

**Literal question**

Lack of capital

**Interviewer instructions**

Ask the sample farmer/operator on the problems affecting production of camote during the reference period and encircle the appropriate code/s provided or specify if necessary.

# Rough or poor road / Inadequate transport facilities (RoughorpoorroadInadequa)
## File: Block I. Production Related Information (in focus parcel)

**Overview**

| | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 0-5 | |

**Pre question**

What were the camote production related problems you have encountered?

**Literal question**

Rough or poor road / Inadequate transport facilities

**Interviewer instructions**

Ask the sample farmer/operator on the problems affecting production of camote during the reference period and encircle the appropriate code/s provided or specify if necessary.

# Poor soil condition (Poorsoilcondition)
## File: Block I. Production Related Information (in focus parcel)

**Overview**

## Poor soil condition (Poorsoilcondition)
# File: Block I. Production Related Information (in focus parcel)

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-6

Valid cases: 450
Invalid: 0

**Pre question**

What were the camote production related problems you have encountered?

**Literal question**

Poor soil condition

**Interviewer instructions**

Ask the sample farmer/operator on the problems affecting production of camote during the reference period and encircle the appropriate code/s provided or specify if necessary.

## Other problems (IOthers)
# File: Block I. Production Related Information (in focus parcel)

**Overview**

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-7

Valid cases: 450
Invalid: 0

**Pre question**

What were the camote production related problems you have encountered?

**Literal question**

Other problems

**Interviewer instructions**

Ask the sample farmer/operator on the problems affecting production of camote during the reference period and encircle the appropriate code/s provided or specify if necessary.

# Region (Region)
## File: Block J. Marketing Related Information (in focus parcel)

**Overview**

| | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 2 | |
| Decimals: 0 | |
| Range: 4-16 | |

**Source of information**

Philippine Standard Geographic Code (PSGC)

**Literal question**

Region

**Interviewer instructions**

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the CRS Masterlist of sample barangays provided by SMRD.

# Province (Prov)
## File: Block J. Marketing Related Information (in focus parcel)

**Overview**

| | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 2 | |
| Decimals: 0 | |
| Range: 2-56 | |

**Source of information**

Philippine Standard Geographic Code (PSGC)

**Literal question**

Province

**Interviewer instructions**

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the CRS Masterlist of sample barangays provided by SMRD.

# Farm Identification Code (ID)
## File: Block J. Marketing Related Information (in focus parcel)

**Overview**

| | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 11 | |
| Decimals: 0 | |

**Literal question**

Farm Identification Code

# Agent (Agent)
## File: Block J. Marketing Related Information (in focus parcel)

**Overview**

# Agent (Agent)
## File: Block J. Marketing Related Information (in focus parcel)

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 450
Invalid: 0

**Description**

Agent - a businessman who buys or sells for another in exchange for a commission.

**Literal question**

Who was your major buyer of produce?

**Interviewer instructions**

Ask the sample farmer/operator on the major buyer of his/her produce (focus parcel). Encircle the appropriate code provided. In case the total quantity marketed was sold to two (2) buyers equally, then there will be two (2) major buyers of produce.

# Percentage sold to Agent (Percent1)
## File: Block J. Marketing Related Information (in focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 3
Decimals: 0

Valid cases: 450
Invalid: 0

**Literal question**

ercentage sold to Agent

**Interviewer instructions**

Determine the percentage of camote that was sold out of the total volume marketed.

# Wholesaler (Wholesaler)
## File: Block J. Marketing Related Information (in focus parcel)

**Overview**

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-2

Valid cases: 450
Invalid: 0

**Description**

Wholesaler - one who buys the produce in relatively large quantities and sells it to other traders.

**Literal question**

Who was your major buyer of produce?

**Interviewer instructions**

Ask the sample farmer/operator on the major buyer of his/her produce (focus parcel). Encircle the appropriate code provided. In case the total quantity marketed was sold to two (2) buyers equally, then there will be two (2) major buyers of produce.

# Percentage sold to Wholesaler (Percent2)
## File: Block J. Marketing Related Information (in focus parcel)

**Overview**

# Percentage sold to Wholesaler (Percent2)
## File: Block J. Marketing Related Information (in focus parcel)

Type: Continuous
Format: numeric
Width: 6
Decimals: 2

Valid cases: 450
Invalid: 0

**Literal question**

Percentage sold to Wholesaler

**Interviewer instructions**

Determine the percentage of camote that was sold out of the total volume marketed.

# Wholesaler-Retailer (Wholesalerretailer)
## File: Block J. Marketing Related Information (in focus parcel)

**Overview**

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-3

Valid cases: 450
Invalid: 0

**Description**

Wholesaler-retailer - one who buys the produce in large quantities either from producers, wholesalers or contract buyers. He sells mainly to retailers on a wholesale basis and retails those that are not sold to retailers. He usually has his own stall in the market area.

**Literal question**

Who was your major buyer of produce?

**Interviewer instructions**

Ask the sample farmer/operator on the major buyer of his/her produce (focus parcel). Encircle the appropriate code provided. In case the total quantity marketed was sold to two (2) buyers equally, then there will be two (2) major buyers of produce.

# Percentage sold to Wholesaler-Retailer (Percent3)
## File: Block J. Marketing Related Information (in focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 6
Decimals: 2

Valid cases: 450
Invalid: 0

**Literal question**

Percentage sold to Wholesaler-Retailer

**Interviewer instructions**

Determine the percentage of camote that was sold out of the total volume marketed.

# Exporter (Exporter)
## File: Block J. Marketing Related Information (in focus parcel)

**Overview**

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-0

Valid cases: 450
Invalid: 0

# Exporter (Exporter)
# File: Block J. Marketing Related Information (in focus parcel)

**Description**

Exporter - any person, natural or juridical, licensed to do business in the Philippines, engaged directly or indirectly in the production, manufacture or trade of products or services which earns at least fifty percent [50%] of its normal operating revenues from the sale of its products or services abroad for foreign currency.

**Literal question**

Who was your major buyer of produce?

**Interviewer instructions**

Ask the sample farmer/operator on the major buyer of his/her produce (focus parcel). Encircle the appropriate code provided. In case the total quantity marketed was sold to two (2) buyers equally, then there will be two (2) major buyers of produce.

# Percentage sold to Exporter (Percent4)
# File: Block J. Marketing Related Information (in focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 1
Decimals: 0

Valid cases: 450
Invalid: 0

**Literal question**

Percentage sold to Exporter

**Interviewer instructions**

Determine the percentage of camote that was sold out of the total volume marketed.

# Assembler (Assembler)
# File: Block J. Marketing Related Information (in focus parcel)

**Overview**

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-5

Valid cases: 450
Invalid: 0

**Description**

Assembler - one who buys from producers and contract buyers, and assembles the products in large volume and transfer them to market centers. He sells products also on a wholesale basis.

**Literal question**

Who was your major buyer of produce?

**Interviewer instructions**

Ask the sample farmer/operator on the major buyer of his/her produce (focus parcel). Encircle the appropriate code provided. In case the total quantity marketed was sold to two (2) buyers equally, then there will be two (2) major buyers of produce.

# Percentage sold to Assembler (Percent5)
# File: Block J. Marketing Related Information (in focus parcel)

**Overview**

# Percentage sold to Assembler (Percent5)
## File: Block J. Marketing Related Information (in focus parcel)

Type: Continuous
Format: numeric
Width: 6
Decimals: 2

Valid cases: 450
Invalid: 0

**Literal question**

Percentage sold to Assembler

**Interviewer instructions**

Determine the percentage of camote that was sold out of the total volume marketed.

# Processor (Processor)
## File: Block J. Marketing Related Information (in focus parcel)

**Overview**

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-6

Valid cases: 450
Invalid: 0

**Description**

Processor - a business engaged in processing agricultural products and preparing them for market.

**Literal question**

Who was your major buyer of produce?

**Interviewer instructions**

Ask the sample farmer/operator on the major buyer of his/her produce (focus parcel). Encircle the appropriate code provided. In case the total quantity marketed was sold to two (2) buyers equally, then there will be two (2) major buyers of produce.

# Percentage sold to Processor (Percent6)
## File: Block J. Marketing Related Information (in focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 3
Decimals: 0

Valid cases: 450
Invalid: 0

**Literal question**

Percentage sold to Processor

**Interviewer instructions**

Determine the percentage of camote that was sold out of the total volume marketed.

# Cooperative (Cooperative)
## File: Block J. Marketing Related Information (in focus parcel)

**Overview**

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-0

Valid cases: 450
Invalid: 0

**Description**

## Cooperative (Cooperative)
## File: Block J. Marketing Related Information (in focus parcel)

Cooperative - a duly registered association of at least fifteen persons with a common bond of interest who voluntarily join together to achieve a lawful common social and economic end. It is organized by the members who equitably contribute the required share capital and accept a fair share of risks and benefits of their undertakings in accordance with universally accepted cooperative principles and practices.

**Literal question**

Who was your major buyer of produce?

**Interviewer instructions**

Ask the sample farmer/operator on the major buyer of his/her produce (focus parcel). Encircle the appropriate code provided. In case the total quantity marketed was sold to two (2) buyers equally, then there will be two (2) major buyers of produce.

## Percentage sold to Cooperative (Percent7)
## File: Block J. Marketing Related Information (in focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 1
Decimals: 0

Valid cases: 450
Invalid: 0

**Literal question**

Percentage sold to Cooperative

**Interviewer instructions**

Determine the percentage of camote that was sold out of the total volume marketed.

## Consumer (Consumer)
## File: Block J. Marketing Related Information (in focus parcel)

**Overview**

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-8

Valid cases: 450
Invalid: 0

**Description**

Consumer - the end users.

**Literal question**

Who was your major buyer of produce?

**Interviewer instructions**

Ask the sample farmer/operator on the major buyer of his/her produce (focus parcel). Encircle the appropriate code provided. In case the total quantity marketed was sold to two (2) buyers equally, then there will be two (2) major buyers of produce.

## Percentage sold to Consumers (Percent8)
## File: Block J. Marketing Related Information (in focus parcel)

**Overview**

Type: Continuous
Format: numeric
Width: 6
Decimals: 2

Valid cases: 450
Invalid: 0

# Percentage sold to Consumers (Percent8)
## File: Block J. Marketing Related Information (in focus parcel)

**Literal question**

Percentage sold to Consumers

**Interviewer instructions**

Determine the percentage of camote that was sold out of the total volume marketed.

# OthersTxt (OthersTxt)
## File: Block J. Marketing Related Information (in focus parcel)

**Overview**

| | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: character | Invalid: 0 |
| Width: 8 | |

**Interviewer instructions**

Ask the sample farmer/operator on the major buyer of his/her produce (focus parcel). Encircle the appropriate code provided. In case the total quantity marketed was sold to two (2) buyers equally, then there will be two (2) major buyers of produce.

# Percentage sold to Others (Percent9)
## File: Block J. Marketing Related Information (in focus parcel)

**Overview**

| | |
|---|---|
| Type: Continuous | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 3 | |
| Decimals: 0 | |

**Literal question**

Percentage sold to Others

**Interviewer instructions**

Determine the percentage of camote that was sold out of the total volume marketed.

# Unstable prices (Unstableprices)
## File: Block J. Marketing Related Information (in focus parcel)

**Overview**

| | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 0-1 | |

**Pre question**

What were the marketing related problems you have encountered?

**Literal question**

Unstable prices

**Interviewer instructions**

Ask the sample farmer/operator on the problems affecting marketing of camote and encircle the appropriate code/s provided or specify if necessary.

# Rough roads/ high transport cost (Roughroadshightransportc)
## File: Block J. Marketing Related Information (in focus parcel)

| Overview | |
|---|---|

| Type: Discrete | Valid cases: 450 |
|---|---|
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 0-2 | |

**Pre question**

What were the marketing related problems you have encountered?

**Literal question**

Rough roads/ high transport cost

**Interviewer instructions**

Ask the sample farmer/operator on the problems affecting marketing of camote and encircle the appropriate code/s provided or specify if necessary.

# Low price of produce (Lowpriceofproduce)
## File: Block J. Marketing Related Information (in focus parcel)

| Overview | |
|---|---|

| Type: Discrete | Valid cases: 450 |
|---|---|
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 0-3 | |

**Pre question**

What were the marketing related problems you have encountered?

**Literal question**

Low price of produce

**Interviewer instructions**

Ask the sample farmer/operator on the problems affecting marketing of camote and encircle the appropriate code/s provided or specify if necessary.

# No buyer/ market outlet (Nobuyermarketoutlet)
## File: Block J. Marketing Related Information (in focus parcel)

| Overview | |
|---|---|

| Type: Discrete | Valid cases: 450 |
|---|---|
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 0-4 | |

**Pre question**

What were the marketing related problems you have encountered?

**Literal question**

No buyer/ market outlet

**Interviewer instructions**

Ask the sample farmer/operator on the problems affecting marketing of camote and encircle the appropriate code/s provided or specify if necessary.

# Lack of marketing information (Lackofmarketinginformation)
# File: Block J. Marketing Related Information (in focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 0-5 | |

**Pre question**

What were the marketing related problems you have encountered?

**Literal question**

Lack of marketing information

**Interviewer instructions**

Ask the sample farmer/operator on the problems affecting marketing of camote and encircle the appropriate code/s provided or specify if necessary.

# Others Text (JOthersTxt)
# File: Block J. Marketing Related Information (in focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 0-0 | |

**Pre question**

What were the marketing related problems you have encountered?

**Literal question**

Others Text

**Interviewer instructions**

Ask the sample farmer/operator on the problems affecting marketing of camote and encircle the appropriate code/s provided or specify if necessary.

# Region (Region)
## File: Block K. Access to Credit (in focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 2 | |
| Decimals: 0 | |
| Range: 4-16 | |

**Source of information**

Philippine Standard Geographic Code (PSGC)

**Literal question**

Region

**Interviewer instructions**

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the CRS Masterlist of sample barangays provided by SMRD.

# Province (Prov)
## File: Block K. Access to Credit (in focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 2 | |
| Decimals: 0 | |
| Range: 2-56 | |

**Source of information**

Philippine Standard Geographic Code (PSGC)

**Literal question**

Province

**Interviewer instructions**

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the CRS Masterlist of sample barangays provided by SMRD.

# Farm Identification Code (ID)
## File: Block K. Access to Credit (in focus parcel)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 11 | |
| Decimals: 0 | |

**Literal question**

Farm Identification Code

# Availed Loan (AvailedLoan)
## File: Block K. Access to Credit (in focus parcel)

| Overview | |
|---|---|

# Availed Loan (AvailedLoan)
## File: Block K. Access to Credit (in focus parcel)

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 450
Invalid: 0

### Literal question

Have you availed of loan for camote production during the reference period?

### Interviewer instructions

Ask the sample farmer/operator if he/she availed of any loan for camote production. Encircle the appropriate code "1" for Yes and code"2" for No. If no, go to Block L.

# Major Source of Loan (MajorSourceofLoan)
## File: Block K. Access to Credit (in focus parcel)

### Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-4

Valid cases: 450
Invalid: 0

### Literal question

Who/what was your major source of loan?

### Interviewer instructions

Ask for the major source of loan. Encircle the appropriate code or specify if necessary.

# Loan Amount (LoanAmount)
## File: Block K. Access to Credit (in focus parcel)

### Overview

Type: Continuous
Format: numeric
Width: 5
Decimals: 0

Valid cases: 450
Invalid: 0
Mean: 64.4
Standard deviation: 638.6

### Literal question

How much loan did you avail of? (Pesos)

### Interviewer instructions

Write the total amount of loan on the space provided. Record in two (2) decimal places.

# Rate per Annum (RateperAnnum)
## File: Block K. Access to Credit (in focus parcel)

### Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0

Valid cases: 450
Invalid: 0
Mean: 0.3
Standard deviation: 3.7

### Literal question

How much was the interest rate per annum? (in percent)

### Interviewer instructions

# Rate per Annum (RateperAnnum)
## File: Block K. Access to Credit (in focus parcel)

Ask the interest rate charged by the creditor and record the answer in the space provided. Write the answer in percent and in two (2) decimal places.

# Region (Region)

# File: Block L. Farmer's Participation in Camote Programs and Projects

## Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 4-16

Valid cases: 450
Invalid: 0

### Source of information

Philippine Standard Geographic Code (PSGC)

### Literal question

Region

### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the CRS Masterlist of sample barangays provided by SMRD.

# Province (Prov)

# File: Block L. Farmer's Participation in Camote Programs and Projects

## Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 2-56

Valid cases: 450
Invalid: 0

### Source of information

Philippine Standard Geographic Code (PSGC)

### Literal question

Province

### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the CRS Masterlist of sample barangays provided by SMRD.

# Farm Identification Code (ID)

# File: Block L. Farmer's Participation in Camote Programs and Projects

## Overview

Type: Discrete
Format: numeric
Width: 11
Decimals: 0

Valid cases: 450
Invalid: 0

### Literal question

Farm Identification Code

## Aware of Govt Program (AwareofGovtProgram)
## File: Block L. Farmer's Participation in Camote Programs and Projects

**Overview**

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 450
Invalid: 0

**Literal question**

Are you aware of any government program/intervention on camote?

**Interviewer instructions**

Ask the sample farmer/operator if he/she is aware of any government programs/intervention on camote. Encircle the appropriate code "1" for Yes and code "2" for No. If No, go to Block M.

## Availed Benefit from Govt Program (AvailedBenefitfromGovtPro)
## File: Block L. Farmer's Participation in Camote Programs and Projects

**Overview**

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-2

Valid cases: 450
Invalid: 0

**Literal question**

Have you availed of any benefit from government program/intervention? (encircle code)

**Interviewer instructions**

Ask if he/she availed of any benefit from government program/intervention. Encircle the appropriate code "1" for Yes and code "2" for No. If No, go to Block M.

## Type of Benefits Availed (TypeofBenefitsAvailed)
## File: Block L. Farmer's Participation in Camote Programs and Projects

**Overview**

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-7

Valid cases: 450
Invalid: 0

**Literal question**

Type of Benefits Availed

## Use Benefits (UseBenefits)
## File: Block L. Farmer's Participation in Camote Programs and Projects

**Overview**

## Use Benefits (UseBenefits)
## File: Block L. Farmer's Participation in Camote Programs and Projects

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-2

Valid cases: 450
Invalid: 0

#### Literal question

Did you use the benefit(s) in your production during the last completed cropping, May 2013 – April 2014?

#### Interviewer instructions

Ask the sample farmer/operator if he/she used the benefit(s) received in his/her camote production during the last completed cropping, May 2013 – April 2014. Encircle appropriate code "1" for Yes and code "2" for No, go to Block M.

## Increase farm income (Increasefarmincome)
## File: Block L. Farmer's Participation in Camote Programs and Projects

#### Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-2

Valid cases: 450
Invalid: 0

#### Literal question

Did the benefit(s) receive helped increase your farm income?

#### Interviewer instructions

Ask if the benefit(s) received increase his/her farm income. Encircle appropriate code "1" for Yes and code "2" for No.

# Region (Region)
## File: Block M. Other Information (for camote only)

| Overview | |
|---|---|

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 4-16

Valid cases: 450
Invalid: 0

**Source of information**

Philippine Standard Geographic Code (PSGC)

**Literal question**

Region

**Interviewer instructions**

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the CRS Masterlist of sample barangays provided by SMRD.

# Province (Prov)
## File: Block M. Other Information (for camote only)

| Overview | |
|---|---|

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 2-56

Valid cases: 450
Invalid: 0

**Source of information**

Philippine Standard Geographic Code (PSGC)

**Literal question**

Province

**Interviewer instructions**

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the CRS Masterlist of sample barangays provided by SMRD.

# Farm Identification Code (ID)
## File: Block M. Other Information (for camote only)

| Overview | |
|---|---|

Type: Discrete
Format: numeric
Width: 11
Decimals: 0

Valid cases: 450
Invalid: 0

**Literal question**

Farm Identification Code

# Climate change (Climatechange)
## File: Block M. Other Information (for camote only)

| Overview | |
|---|---|

# Climate change (Climatechange)
## File: Block M. Other Information (for camote only)

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 450
Invalid: 0

**Description**

Climate Change - is a change of climate which is attributed directly or indirectly to human activity that alters the composition of the global atmosphere and which is in addition to natural climate variability observed over comparable time periods.

**Literal question**

Has Climate Change affected your farming practices?

**Interviewer instructions**

Ask the sample farmer/operator if climate change affected his farming practices. Encircle the appropriate code "1" for Yes and code "2" for No. If No, go to Item 2

# Change in cropping pattern (Changeincroppingpattern)
## File: Block M. Other Information (for camote only)

**Overview**

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 450
Invalid: 0

**Literal question**

What was/were the effect/s?

**Interviewer instructions**

Ask the sample farmer/operator the effects of climate change. Encircle appropriate code/s, or specify if necessary.

# Decrease in number of cropping per year (Decreaseinnumberofcropp)
## File: Block M. Other Information (for camote only)

**Overview**

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-2

Valid cases: 450
Invalid: 0

**Literal question**

What was/were the effect/s?

**Interviewer instructions**

Ask the sample farmer/operator the effects of climate change. Encircle appropriate code/s, or specify if necessary.

# Increase in input usage (Increaseininputusage)
## File: Block M. Other Information (for camote only)

**Overview**

# Increase in input usage (Increaseininputusage)
## File: Block M. Other Information (for camote only)

| | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 0-3 | |

**Literal question**

What was/were the effect/s?

**Interviewer instructions**

Ask the sample farmer/operator the effects of climate change. Encircle appropriate code/s, or specify if necessary.

# Decrease in yield (Decreaseinyield)
## File: Block M. Other Information (for camote only)

**Overview**

| | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 0-4 | |

**Literal question**

What was/were the effect/s?

**Interviewer instructions**

Ask the sample farmer/operator the effects of climate change. Encircle appropriate code/s, or specify if necessary.

# Decrease in frequency of plowing (Decreaseinfrequencyofpl)
## File: Block M. Other Information (for camote only)

**Overview**

| | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 0-5 | |

**Literal question**

What was/were the effect/s?

**Interviewer instructions**

Ask the sample farmer/operator the effects of climate change. Encircle appropriate code/s, or specify if necessary.

# Others (Others)
## File: Block M. Other Information (for camote only)

**Overview**

| | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 0-6 | |

**Literal question**

What was/were the effect/s?

**Interviewer instructions**

# Others (Others)
## File: Block M. Other Information (for camote only)

Ask the sample farmer/operator the effects of climate change. Encircle appropriate code/s, or specify if necessary.

# OthersTxt (OthersTxt)
## File: Block M. Other Information (for camote only)

**Overview**

| | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: character | Invalid: 0 |
| Width: 1 | |

**Literal question**

What was/were the effect/s?

**Interviewer instructions**

Ask the sample farmer/operator the effects of climate change. Encircle appropriate code/s, or specify if necessary.

# Natural farming (Naturalfarming)
## File: Block M. Other Information (for camote only)

**Overview**

| | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 1-2 | |

**Description**

Natural Farming - is a sustainable farming using natural materials (inputs) and absolutely no chemicals application.

**Literal question**

Did you practice any of the following natural farming method?

**Interviewer instructions**

Ask the sample farmer/operator if he/she practice natural farming method. Encircle the appropriate code "1" for Yes and code "2" for No. If No, go to Item 3.

# Hundred percent chemical free farming (Hundredpercentchemicalfr)
## File: Block M. Other Information (for camote only)

**Overview**

| | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 0-1 | |

**Description**

Hundred percent chemical free farming - farming without the use of pesticides (herbicides, insecticides)

**Literal question**

Did you practice any of the following natural farming method?

**Interviewer instructions**

If "yes", encircle code/s, specify if necessary.

# Use of organic fertilizer (e.g,composts) (Useoforganicfertilizer)
## File: Block M. Other Information (for camote only)

| **Overview** | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 0-2 | |

**Description**

Use of organic fertilizer – farming with the use of compost (biodegradable materials of microbial plants or animal origin produced in organic farms) - organic fertilizers and minerals coming from those rich in nitrogen (e.g. blood meal, farmyard slurry) should be applied in such a way that it will have a minimum adverse effect on the nutritive quality of crops, nitrate content, keeping quality and plant resistance and environment.

**Literal question**

Did you practice any of the following natural farming method?

**Interviewer instructions**

If "yes", encircle code/s, specify if necessary.

# Maintain buffer zone or borders (Maintainbufferzoneorbor)
## File: Block M. Other Information (for camote only)

| **Overview** | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 0-3 | |

**Description**

Maintain buffer zones or border to avoid risk of contamination from chemicals - buffer zone applies to a dike, which is planted with-purpose tree species of sufficient density. The buffer zone applies likewise to irrigation "right of way" passing through lands on certification program.

**Literal question**

Did you practice any of the following natural farming method?

**Interviewer instructions**

If "yes", encircle code/s, specify if necessary.

# Others (MOthers)
## File: Block M. Other Information (for camote only)

| **Overview** | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 0-4 | |

**Literal question**

Did you practice any of the following natural farming method?

**Interviewer instructions**

If "yes", encircle code/s, specify if necessary.

# OthersTxt (MOthersTxt)
## File: Block M. Other Information (for camote only)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: character | Invalid: 0 |
| Width: 34 | |

**Literal question**

Did you practice any of the following natural farming method?

# Farmers Organization (FarmersOrganization)
## File: Block M. Other Information (for camote only)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | |

**Literal question**

Are you a member of camote farmers' organization?

**Interviewer instructions**

Ask the sample farmer if he/she is a member of camote farmers' organization. Encircle the appropriate code "1" for Yes and code "2" for No. If No, go to Block N.

# Name of Organization (NameofOrganization)
## File: Block M. Other Information (for camote only)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: character | Invalid: 0 |
| Width: 30 | |

**Literal question**

What is the name of the organization?

**Interviewer instructions**

Ask the name of the organization he/she belongs.

# Type of Benefits (TypeofBenefits)
## File: Block M. Other Information (for camote only)

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 0-5 | |

**Literal question**

What were the benefit/s received from the organization?

# Region (Region)
## File: Block N. Plans and Recommendations

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 2 | |
| Decimals: 0 | |
| Range: 4-16 | |

**Source of information**

Philippine Standard Geographic Code (PSGC)

**Literal question**

Region

**Interviewer instructions**

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the CRS Masterlist of sample barangays provided by SMRD.

# Province (Prov)
## File: Block N. Plans and Recommendations

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 2 | |
| Decimals: 0 | |
| Range: 2-56 | |

**Source of information**

Philippine Standard Geographic Code (PSGC)

**Literal question**

Province

**Interviewer instructions**

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the CRS Masterlist of sample barangays provided by SMRD.

# Farm Identification Code (ID)
## File: Block N. Plans and Recommendations

| Overview | |
|---|---|
| Type: Discrete | Valid cases: 449 |
| Format: numeric | Invalid: 1 |
| Width: 14 | |
| Decimals: 2 | |

**Literal question**

Farm Identification Code

# Plans (Plans)
## File: Block N. Plans and Recommendations

| Overview | |
|---|---|

# Plans (Plans)
## File: Block N. Plans and Recommendations

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-3

Valid cases: 450
Invalid: 0

**Literal question**

What is your plan regarding camote farm operation?

**Interviewer instructions**

Ask the plan of the sample farmer/operator. If plan is not mentioned on the choices given, specify on the space provided.

# Price support (Pricesupport)
## File: Block N. Plans and Recommendations

**Overview**

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 450
Invalid: 0

**Literal question**

What are your recommendations in order to improve your camote production?

**Interviewer instructions**

Encircle code/s or specify if necessary.

# Infrastructure facilities (Infrastructurefacilities)
## File: Block N. Plans and Recommendations

**Overview**

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-2

Valid cases: 450
Invalid: 0

**Pre question**

What are your recommendations in order to improve your camote production?

**Literal question**

What are your recommendations in order to improve your camote production?

**Interviewer instructions**

Encircle code/s or specify if necessary.

# Regulate price of farm inputs (Regulatepriceoffarminputs)
## File: Block N. Plans and Recommendations

**Overview**

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-3

Valid cases: 450
Invalid: 0

**Pre question**

# Regulate price of farm inputs (Regulatepriceoffarminputs)
## File: Block N. Plans and Recommendations

What are your recommendations in order to improve your camote production?

**Literal question**

What are your recommendations in order to improve your camote production?

**Interviewer instructions**

Encircle code/s or specify if necessary.

# Financial support (Financialsupport)
## File: Block N. Plans and Recommendations

| **Overview** | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 0-4 | |

**Pre question**

What are your recommendations in order to improve your camote production?

**Literal question**

What are your recommendations in order to improve your camote production?

**Interviewer instructions**

Encircle code/s or specify if necessary.

# Soil testing/ analysis (Soiltestinganalysis)
## File: Block N. Plans and Recommendations

| **Overview** | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 0-5 | |

**Pre question**

What are your recommendations in order to improve your camote production?

**Literal question**

What are your recommendations in order to improve your camote production?

**Interviewer instructions**

Encircle code/s or specify if necessary.

# Land Reform Program (LandReformProgram)
## File: Block N. Plans and Recommendations

| **Overview** | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 0-6 | |

**Pre question**

What are your recommendations in order to improve your camote production?

## Land Reform Program (LandReformProgram)
## File: Block N. Plans and Recommendations

**Literal question**

What are your recommendations in order to improve your camote production?

**Interviewer instructions**

Encircle code/s or specify if necessary.

## Environmental concern (e.g, disposal, erosion) (Environmentalconcerne.gw)
## File: Block N. Plans and Recommendations

| **Overview** | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 0-7 | |

**Pre question**

What are your recommendations in order to improve your camote production?

**Literal question**

What are your recommendations in order to improve your camote production?

**Interviewer instructions**

Encircle code/s or specify if necessary.

## New/ modern farming technologies (Newmodernfarmingtechnolog)
## File: Block N. Plans and Recommendations

| **Overview** | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 0-8 | |

**Pre question**

What are your recommendations in order to improve your camote production?

**Literal question**

What are your recommendations in order to improve your camote production?

**Interviewer instructions**

Encircle code/s or specify if necessary.

## Others (Others)
## File: Block N. Plans and Recommendations

| **Overview** | |
|---|---|
| Type: Discrete | Valid cases: 450 |
| Format: numeric | Invalid: 0 |
| Width: 1 | |
| Decimals: 0 | |
| Range: 0-9 | |

**Pre question**

What are your recommendations in order to improve your camote production?

# Others (Others)
## File: Block N. Plans and Recommendations

**Literal question**

What are your recommendations in order to improve your camote production?

**Interviewer instructions**

Encircle code/s or specify if necessary.

# Others Text (OthersTxt)
## File: Block N. Plans and Recommendations

**Overview**

Type: Discrete
Format: character
Width: 63

Valid cases: 450
Invalid: 0

**Literal question**

What are your recommendations in order to improve your camote production?

# Documentation

## Questionnaires

### 2014 SURVEY ON COSTS AND RETURNS OF CAMOTE PRODUCTION

| | |
|---|---|
| Title | 2014 SURVEY ON COSTS AND RETURNS OF CAMOTE PRODUCTION |
| Author(s) | Philippine Statistics Authority |
| Date | 2014-05-01 |
| Country | Philippines |
| Language | English |
| Publisher(s) | Philippine Statistics Authority |
| Description | The questionnaire on Survey on Costs and Returns of Camote Production is a 10-page survey instrument covering 15 blocks, namely:<br><br>Block A. Geographic Information<br>Block B. Sample Identification<br>Block C. Basic Characteristics of the Farm<br>Block D. Farm Investments (owned and used in focus parcel)<br>Block E. Material Inputs (used in focus parcel)<br>Block F. Labor Inputs (in focus parcel)<br>Block G. Other Production Costs (in focus parcel)<br>Block H. Production and Disposition (in focus parcel)<br>Block I. Production Related Information (in focus parcel)<br>Block J. Marketing Related Information (in focus parcel)<br>Block K. Access to Credit (in focus parcel)<br>Block L. Farmer's Participation in Camote Programs/Projects<br>Block M. Other Information (for camote only)<br>Block N. Plans and Recommendations<br>Block O. Interview/Survey Particulars |
| Filename | CRS Camote_Questionnaire.pdf |

## Technical documents

### Manual of Operations- 2014 Costs and Returns Survey of Camote Production

| | |
|---|---|
| Title | Manual of Operations- 2014 Costs and Returns Survey of Camote Production |
| Author(s) | Philippine Statistics Authority |
| Date | 2014-05-01 |
| Country | Philippines |
| Language | English |
| Publisher(s) | Philippine Statistics Authority |
| Description | It contains specific instructions to be followed in accomplishing the questionnaires used for the CRS of camote. The manual also incorporates the rationale, objectives, coverage of the survey and the sampling frame,design and sample selection procedure. Attached in the manual of operations are the reference materials needed for the survey operations such as the questionnnaire and other related forms. |
| Filename | CRS Camote_Manops.pdf |

### Editing Guidelines- 2014 Costs and Returns Survey of Camote Production

| Title | Editing Guidelines- 2014 Costs and Returns Survey of Camote Production |
|---|---|
| Author(s) | Philippine Statistics Authority |
| Date | 2014-05-01 |
| Country | Philippines |
| Language | English |
| Publisher(s) | Philippine Statistics Authority |
| Description | The guidelines aimed at improving the quality of the data collected by the hired field enumerators. This document serves as a guide in checking manually the responses to the Cost and Returns questionnaire in terms of acceptability, consistency with other data items, data ranges, validity and completeness. |
| Filename | CRS Camote_Editing Guidelines.pdf |

## Data Processing Manual- 2014 Costs and Returns Survey of Camote Production

| Title | Data Processing Manual- 2014 Costs and Returns Survey of Camote Production |
|---|---|
| Author(s) | Philippine Statistics Authority |
| Date | 2014-05-01 |
| Country | Philippines |
| Language | English |
| Publisher(s) | Philippine Statistics Authority |
| Description | The data processing manual aims to provide the users, particularly the Provincial Processing Officers (PPOs), with detailed instructions on how to use the customized data processing system for the 2014 Costs and Returns Survey of Camote Production. Specifically, this manual aims to provide detailed procedures for the data encoding activity, data review and cleaning of the micro-data files and generation of data tables. |
| Filename | CRS Camote_DPP Manops.pdf |

## Other materials

## 2014 Costs and Returns of Sweet Potato (Camote) Production

| Title | 2014 Costs and Returns of Sweet Potato (Camote) Production |
|---|---|
| Author(s) | Philippine Statistics Authority |
| Date | 2014-11-01 |
| Country | Philippines |
| Language | English |
| Publisher(s) | Philippine Statistics Authority |
| Description | The costs and returns data contained in the report are presented by province. The report includes other socio-economic variables related to sweet potato production. |
| Filename | CRS Camote_Final Report.pdf |