

Nigeria - National Survey of Agricultural Export Commodities 2003, First Round

National Bureau of Statistics (NBS) - Federal Government of Nigeria (FGN)

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Overview

Identification

ID NUMBER

NGA-NBS-AGREXP-2003-v1.0

Version

VERSION DESCRIPTION

Version 1.0

PRODUCTION DATE

2009-02-27

Overview

ABSTRACT

Agricultural Export Commodity is defined as an exportable crop grown in Nigeria and is currently or has a currently or has a great potential of generating foreign exchange for the nation. The crops under consideration are rubber, coffee, cocoa, sesame seed, garlic, tea, ginger, gum arabic, cashew nut, oil palm, groundnut, cotton, sugarcane and sheanut

Nigeria is earning some foreign exchange from the fourteen export crops covered in the survey

The objective of the survey is to provide a national baseline data on agricultural commodities. Further more, the annual survey, among others will help to:-

1. Provide structural data on agricultural export commodities in Nigeria
2. Obtain socio-economic data and demographic characteristics of holders within households; and
3. Provide production estimates at national and state levels.

KIND OF DATA

Sample survey data [ssd]

UNITS OF ANALYSIS

Household

Scope

NOTES

Area of Focus for data collection were on:

- Household characteristics
- Area of production
- Employment characteristics
- Farming implements
- Agronomic practices

TOPICS

| Topic | Vocabulary | URI |
|-------|------------|-----|
|-------|------------|-----|

| Topic | Vocabulary | URI |
|---|------------|---|
| rural economics [1.6] | CESSDA | http://www.nesstar.org/rdf/common |
| agricultural, forestry and rural industry [2.1] | CESSDA | http://www.nesstar.org/rdf/common |
| employment [3.1] | CESSDA | http://www.nesstar.org/rdf/common |
| basic skills education [6.1] | CESSDA | http://www.nesstar.org/rdf/common |
| gender and gender roles [12.6] | CESSDA | http://www.nesstar.org/rdf/common |

Coverage

GEOGRAPHIC COVERAGE (1)

National

GEOGRAPHIC COVERAGE (2)

State

GEOGRAPHIC COVERAGE (3)

Sector (Urban/Rural)

UNIVERSE (1)

Household export crop farmers

UNIVERSE (2)

Modern Agricultural export crop Holders

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

| Name | Affiliation |
|-------------------------------------|-------------------------------------|
| National Bureau of Statistics (NBS) | Federal Government of Nigeria (FGN) |

OTHER PRODUCER(S)

| Name | Affiliation | Role |
|---|-------------------------------------|---------------|
| Central Bank of Nigeria | Federal Government of Nigeria (FGN) | Collaboration |
| Federal Ministry of Agriculture and Rural Development | Federal Government of Nigeria (FGN) | Collaboration |
| Federal Ministry of Commerce | Federal Government of Nigeria (FGN) | Collaboration |

FUNDING

| Name | Abbreviation | Role |
|-------------------------------|--------------|-------------------|
| National Bureau of Statistics | NBS | Technical Support |
| Central Bank of Nigeria | CBN | Funding |

OTHER ACKNOWLEDGEMENTS

| Name | Affiliation | Role |
|------------------------------------|-------------|-------------------|
| Ministries, Departments & Agencies | MDAs | Technical Support |

Metadata Production

METADATA PRODUCED BY

| Name | Abbreviation | Affiliation | Role |
|-------------------------------|--------------|-------------------------------------|-------------------|
| National Bureau of Statistics | NBS | Federal Government of Nigeria (FGN) | Metadata Producer |

DATE OF METADATA PRODUCTION

2009-02-27

DDI DOCUMENT VERSION

Version 1.0

DDI DOCUMENT ID

DDI-NGA-NBS-AGREXP-2003-v1.0

Sampling

Sampling Procedure

The design employed a two-phase and a two-stage sample selection procedure

Phase 1, stage 1: The comprised listing exercise and administering of holding questionnaires. A total of 192 Local Government Areas (LGAs) were selected throughout the Federation and ten (10) Enumeration Areas (EAs) were selected in each LGA, totalling 1,920 EAs throughout the country including the Federal Capital Territory. Most of these LGAs were selected based on the information that they were producing one or more of the selected export crops. Not less than three LGAs were selected from each State of the Federation and FCT.

Phase 1, stage 2: In this stage, ten (10) export crop farming housing units were selected in each EA using systematic selection approach and all the households in each export crop farming housing unit were covered in the administration of holding questionnaires.

Phase 2, stage 1: This phase dealt with the crop cutting exercise which comprised farm survey, laying of yield plot and harvesting. All the ten export crop farming EAs in the LGAs covered in the first phase were selected for crop cutting exercise.

Deviations from Sample Design

No Deviation

Response Rate

On a national basis the 2003 survey achieved a response rate of about 74.86% at Housing Unit level. Reasons for non-response was not given.

Weighting

The formula adopted in calculating the design weights for the survey data (sample results) were as follows:

(i) The probability of selecting an EA within a state was obtained by dividing the total number of EAs sampled in a state by total number of EAs in that particular state. Let this be represented by f_j . That is,

$$f_j = (\text{Total Number of EAs sampled in a state}) / (\text{Total Number of EAs in that particular State})$$

(ii) Likewise, the probability of selecting an housing unit (HU) within an EA was obtained by dividing the total number of housing units selected in an EA by the total number of housing units (HUs) listed in that particular EA. Let this be represented by f_k . That is,

$$f_k = (\text{Total Number of HUs selected in an EA}) / (\text{Total Number of HUs listed in that particular EA})$$

Then the product $(f_j) \times (f_k)$ represented by f is the sampling fraction for each of the corresponding study unit (Enumeration Area) for all the 1,920EAs canvassed throughout the 36 states of the Federation and FCT, Abuja. The inverse of the sampling fraction is known as the design weight and was applied accordingly to all the study units.

Mathematically,

Design weight = $((\text{Total number of EAs in a state}) / (\text{Total number of EAs sampled in that particular state})) \times ((\text{Total Number of HUs listed in an EA}) / (\text{Total Number of HUs selected in that particular EA}))$

The above value was obtained for each of the 1,920 EAs canvassed throughout the 36 states of the Federation and FCT, Abuja.

The weight (R_f) was calculated and attached to the data

NOTE:

Adjustment was made to the weight depending on the response at household level

Questionnaires

Overview

FEDERAL REPUBLIC OF NIGERIA
NATIONAL SURVEY ON AGRICULTURAL EXPORT COMMODITIES CONDUCTED BY CENTRAL BANK OF NIGERIA IN
COLLABORATION WITH
THE FEDERAL OFFICE OF STATISTICS, FEDERAL MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT AND FEDERAL
MINISTRY OF COMMERCE

HOLDING QUESTIONNAIRE
SECTION I: HOLDING IDENTIFICATION
SECTION II: ACCESS TO LAND
SECTION III: SOURCE OF FUNDS
SECTION IV: EXPORT CROP FARMING
SECTION VII: MARKET CHANNEL
SECTION VIII: QUANTITY SOLD
SECTION X: QUANTITY CONSUMED
SECTION XI: USE OF FERTILIZER
SECTION XII:
SECTION XIII: USE OF IMPROVED SEEDLING/SEED

Data Collection

Data Collection Dates

| Start | End | Cycle |
|------------|------------|---------|
| 2003-08-05 | 2005-08-15 | 10 days |

Time Periods

| Start | End | Cycle |
|------------|-----|---------|
| 2003-08-05 | | 10 days |

Data Collection Mode

Face-to-face [f2f]

DATA COLLECTION NOTES

DATA COLLECTION STRATEGY

The FOS permanent field staff residing in the Enumeration Areas carried out the data collection during the survey. In the household component of the survey, each household head or a responsible adult in the household gave information about his household in general. The field staff consisted of Enumerators, Interviewers and Supervisors while the field coordination team comprised the State Officers and Zonal Controllers. Each State Officer coordinated all field operations while each Zonal Controller supervised and coordinated the States in his zone.

TRAINING

Three levels of training were conducted for the survey. Training of the Trainers (TOT) was conducted for the members of the Technical Sub-committee. Twenty trainers/trainees who were trained at the first level training later handled the second level training held in the six geo-political zones of the country. During the second level training, 117 participants comprising Zonal Controllers, State Officers and field officers of the Federal Office of Statistics were trained. The third level training took place in each of the 36 States' capital and FCT where a total of 1,067 Enumerators and Supervisors of the Federal Office of Statistics were trained.

FIELD ORGANISATION

Listing exercise commenced on Monday, 25th November, 2002 and lasted two weeks. Thereafter, ten export farming housing units (EFHUs) were selected for coverage. The Enumerators and field officers of the Federal Office of Statistics administered the copies of the holding questionnaire to all qualified agricultural export commodity farmers in each of the selected Enumeration Areas in all the States of the Federation and the Federal Capital Territory, from 27th January to 7th February, 2003. Through this exercise, relevant information on production, processing, marketing and credit were obtained from the farmers. The crop cutting exercise covered three broad activities namely: the survey of farm plots, laying of yield plots, and harvesting of crops on designated plots. This

Data Collectors

| Name | Abbreviation | Affiliation |
|--|--------------|-------------------------------------|
| Field services and methodology department, | FSM | National Bureau of Statistics (NBS) |

SUPERVISION

Field services and methodology department,

Data Processing

Data Editing

The completed questionnaires were collated and edited manually

- (a) Office editing and coding were done by the editor using visual control of the questionnaire before data entry
- (b) Imps was used to design the data entry template provided as external resource
- (c) six operator plus two supervisor and two programmer were used
- (d) six machines were used for data entry
- (e) After data entry data entry supervisor runs frequency on each section to see that all the questionnaire were entered
- (f) Conversion program was written to convert the data to spss also provided as external resource

Other Processing

- (a) The data entry was done manually
- (b) The data entry was done in lagos at (csd) census and survey division
- (c) Six operator plus two supervisor and two programmer were used
- (d) Six machines were used for data entry
- (e) The data entry staff used 20 days to do the entries
- (f) The supervisor use 5 days to checked the entries
- (g) program was written to convert the data to spss also provided as external resource

Data Appraisal

Estimates of Sampling Error

No sampling error estimate

Other forms of Data Appraisal

In order to ensure high quality data, two phased quality check exercises were put in place. During the first exercise, the officers skim-checked ten listing forms and ten selected holding questionnaires in the selected EAs in each State and FCT. The second phased was spot-checked ten listing forms and ten selected holding questionnaires in the selected EAs in each State and FCT.

Farmers were randomly selected and visited on their farms to authenticate the data entries made by enumerators.

File Description

Variable List

Holding characteristics and others data

| | |
|--------------|---|
| Content | <p>The Holding character Master Sample EFHU No Age of Holder No. of Holders in the EFHU Highest Level of Education Attained Serial No of this Holding within the EFHU Relationship to the Head of EFHU No of person in the EFHU Sex of Holder No of Export Crops Farms operated Does any part of your holding (i.e. total land for agricultural export crop production) belong to the following categories of tenure? (a) Ownerlike possession (b) Squatter (c) Family land (d) Rental (e) Others (specify)also, If rented, indicate type of rent (a) Rented for money (b) For produce (c) For money and produce (d) For services (e) Others (specify)and Which of the following agricultural systems do you use for your export farm? (a) Upland (Rainfed) (b) Lowland (Swampy) (c) Irrigated What are the sources of funds for running this agricultural export crop holding during this season? (01) Own Funds (02) Friends/Relations (03) Community Banks (04) Nigeria Agric. Coop. & Rural Dev. Bank (05) Commercial/Merchant Bank (06) Cooperative Society (07) Local money lender (08) Micro Credit Institutions (Esusu etc) (09) Credit in Kind (specify) (10) Other sources (specify) Yield in local unit Equivalent weight of local unit (Kg/litre) Area (Kg/litre) (*) Number Name of local unit e.g. Heap, stands, ridges etc. Crop Cashew Cocoa Coffee Cotton Garlic Ginger Groundnut Gum Arabic Oil Palm Rubber Sesame seed (Beniseed) Shearnuts Sugar cane Tea Yield in local unit Equivalent weight of local unit (Kg/litre) Production (Kg/litre) (*) Number Name of local unit e.g. baskets, sacks, tubers, tins etc. Also contains the same crops with area The farms implements ploughing (a) Hoe (b) Cutlass (c) Animal drawn plough (d) Motorized plough (e) Others (specify) for harvesting? (a) Hoe (b) Cutlass (c) Mechanized Equipment (d) Others (specify) ploughing implements? (a) Government (b) Open Market (c) Cooperative (d) Others (specify) transportation means (a) Truck/Pickup/Vans (b) Motorcycle (c) Bicycle (d) Boat/Engine Boat (e) Donkey/Camel (f) Head carrier (g) Others (specify) The market chaneln On the farm Nearest point to the farm In the coop-erative society In the open market Middle-men Direct supplies to oversea (export) Have you used fertilizer on any of your agricultural export crops farms this season? Total No of Farms No. Treated Total No of Farms No. ntreated type of fertilizer (a) Chemical fertilizer only (b) Farm yard manure only (c) Chemical / Manure (combined) sources of supply of chemical fertilizer? (a) Ministry (Extension services) (b) Agro service center (c) Farm service center (d) Cooperative society (e) Local market (f) Others (specify) obtaining chemical fertilizer? (a) Within Locality (b) Outside Locality but less than 10 km (c) More than 10 km but less than 50 km (d) 50 km and above the type(s) of fertilizer, Urea Quantity (kg) Cost (N) NPK Quantity (kg) Cost (N) Single Super Phosphate Potassium Phosphate Others(specify) reason for not using fertilizer? (a) Doubt its effectiveness (b) Too costly to obtain (c) Too far to obtain (d) Don't know where to obtain it (e) Don't know hoe to use it (f) Never heard of it (g) Don't need it (h) Others (specify) Have you used pesticides/insecticides/herbicides on any of your agricultural export crops farms this season? Total No of Farms No. Treated Total No of Farms No. Untreated type of pesticides/insecticides/herbicides (a) Chemical fertilizer only (b) Farm yard manure only (c) Chemical / Manure (combined) sources of supply of chemical pesticides/insecticides/herbicides? (a) Ministry (Extension services) (b) Agro service center (c) Farm service center (d) Cooperative society (e) Local market (f) Others (specify) the type(s) of fertilizer, Quantity (kg) pesticides/insecticides/herbicides Cost (N) pesticides/insecticides/herbicides reason for not using pesticides/insecticides/herbicides? (a) Doubt its effectiveness (b) Too costly to obtain (c) Too far to obtain (d) Don't know where to obtain it (e) Don't know hoe to use it (f) Never heard of it (g) Don't need it (h) Others (specify) Have you used improved seedlings/seed on any of your agricultural export crops farms this season? the type(s) of improved seedlings/seed Quantity (kg) of improved seedlings/seed Quantity (kg) Quantity (kg) cost of improved seedlings/seed Cost (N) Cost (N) Total No of Farms No. Treated Total No of Farms No. ntreated type of improved seedlings/seed (a) Chemical fertilizer only (b) Farm yard manure only (c) Chemical / Manure (combined) sources of supply of chemical improved seedlings/seed ? (a) Ministry (Extension services) (b) Agro service center (c) Farm service center (d) Cooperative society (e) Local market (f) Others (specify)</p> |
| Cases | 14374 |
| Variable(s) | 185 |
| Structure | Type: relational Keys: State(States in nigeria), Lga(Local govt. Area), Eacode(Enumeration area code), Sector(Urban/rural), Hhno(Household no.), Msno(Master sample no) |
| Version | Version 1.0 |
| Producer | National Bureau of Statistics (NBS) |
| Missing Data | All missing data were * asterisk. |

Variables

| ID | Name | Label | Type | Format | Question |
|------|-------|-------------------|----------|---------|---------------------------------|
| V122 | State | States in nigeria | discrete | numeric | The state by state of the data. |

| ID | Name | Label | Type | Format | Question |
|------|-----------|---------------------------------------|----------|---------|---|
| V123 | Lga | Local govt. Area | contin | numeric | The local government of the area in each state. |
| V124 | Eacode | Enumeration area code | contin | numeric | The enumeration area of the local government in each state. |
| V125 | Quarter | Quarter | discrete | numeric | |
| V126 | Sector | Urban/rural | discrete | numeric | Urban/Rural |
| V127 | Hhno | Household no. | contin | numeric | Household no. Number |
| V128 | Sno | Serial no. | contin | numeric | Serial no. Number |
| V129 | Msno | Master sample no | contin | numeric | Master sample no Number |
| V130 | Holders | No. Of holders | contin | numeric | No. of holders in Number |
| V131 | Sex | Gender of head | contin | numeric | Sex of Holder |
| V132 | Age | Age of head | contin | numeric | Age of Holder in Years |
| V133 | Hlevel | Level of education of head | discrete | numeric | Highest Level of Education Attained |
| V134 | Relation | Relationship to the head of household | discrete | numeric | Relationship to the Head of EFHU |
| V135 | Sizeofhh | Size of household | contin | numeric | Size of Household Number |
| V136 | Farms | No. Of farms | contin | numeric | No. of Farms Number |
| V137 | Owned | Type of holding | discrete | numeric | (a) As an individual? ... 1 (b) Jointly with other members of the Household? 2 (c) Jointly with members of other household(s)? 3 |
| V138 | Oilpalm | Oil palm | discrete | numeric | Oil Palm Yes No |
| V139 | Cocoa | Cocoa | discrete | numeric | Cocoa Yes No |
| V140 | Gnut | Groundnut | discrete | numeric | Groundnut Yes No |
| V141 | Cotton | Cotton | discrete | numeric | Cotton Yes No |
| V142 | Cashewnu | Cashew nut | discrete | numeric | Cashew nut Yes No |
| V143 | Rubber | Rubber | discrete | numeric | Rubber Yes No |
| V144 | Coffee | Coffee | discrete | numeric | Coffee Yes No |
| V145 | Tea | Tea | discrete | numeric | Tea Yes No |
| V146 | Ginger | Ginger | discrete | numeric | Ginger Yes No |
| V147 | Sesamese | Sesamese | discrete | numeric | Sesame Yes No |
| V148 | Gumarabi | Gum arabic | discrete | numeric | Gum Arabic Yes No |
| V149 | Sugarcan | Sugar cane | discrete | numeric | Sugar cane Yes No |
| V150 | Garlic | Garlic | discrete | numeric | Garlic Yes No |
| V151 | Sheanuts | Sheanut | discrete | numeric | Sheanut Yes No |
| V152 | Located | Location of holding | discrete | numeric | (a) Inside the Holder's premises 1 (b) In the field around Holder's residence or locality 2 (c) In a different locality, E.A., L.G.A. (but holder has no residence there) 3 |
| V153 | Ownerlik | Ownerlike possession | contin | numeric | (a) Ownerlike possession Area in Local Unit. |
| V154 | Squarater | Squarater | contin | numeric | (b) Squatter Area in Local Unit. ... |
| V155 | Family | Family land | contin | numeric | (c) Family land Area in Local Unit. |
| V156 | Rented | Rented | contin | numeric | (d) Rental Area in Local Unit. |
| V157 | Oter | Others | contin | numeric | Others (specify) Area in Local Unit. |
| V158 | Rentmone | Rented for money | contin | numeric | (a) Rented for money Area in Hectares |

| ID | Name | Label | Type | Format | Question |
|------|----------|---------------------------|----------|---------|---|
| V159 | Produce | For produce | contin | numeric | (b) For produce Area in Hectares |
| V160 | Money | For money & produce | contin | numeric | (c) For money and produce Area in Hectares |
| V161 | Service | For services | contin | numeric | (d) For services Area in Local unit |
| V162 | Oters | Others | contin | numeric | Others (specify) Area in Local unit |
| V163 | Upland | Upland rainfed | discrete | numeric | (a) Upland (Rainfed) Yes No |
| V164 | Lowland | Lowland swampy | discrete | numeric | (b) Lowland (Swampy) Yes No |
| V165 | Irrigate | Irrigated | discrete | numeric | (c) Irrigated Yes No |
| V166 | Ownfunds | Own funds | contin | numeric | (01) Own Funds Amount |
| V167 | Ownint | Interest | contin | numeric | (01) Own Funds Interest |
| V168 | Friends | Friends/relatives | contin | numeric | Friends/Relations Amount |
| V169 | Frint | Interest | contin | numeric | Friends/Relations Interest |
| V170 | Banks | Community banks | contin | numeric | Community Banks Amount |
| V171 | Banint | Interest | contin | numeric | Community Banks Interest |
| V172 | Agriccoo | Agric coop rural dev bank | contin | numeric | Nigeria Agric. Coop. & Rural Dev. Bank Amount |
| V173 | Agrint | Interest | contin | numeric | Nigeria Agric. Coop. & Rural Dev. Bank Interest |
| V174 | Commerci | Comm./merchant bank | contin | numeric | Commercial/Merchant Bank Amount |
| V175 | Comint | Interest | contin | numeric | Commercial/Merchant Bank Interest |
| V176 | Coop | Cooperative society | contin | numeric | Cooperative Society Amount |
| V177 | Coopint | Interest | contin | numeric | Cooperative Society Interest |
| V178 | Localmo | Local money lender | contin | numeric | Local money lender Amount |
| V179 | Locint | Interest | contin | numeric | Local money lender Interest |
| V180 | Microcr | Micro credit-esusu | contin | numeric | Micro Credit Institutions (Esusu etc) Amount |
| V181 | Microint | Interest | contin | numeric | Micro Credit Institutions (Esusu etc) Interest |
| V182 | Credit | Credit in kind | contin | numeric | Credit in Kind (specify) Amount |
| V183 | Credint | Interest | contin | numeric | Credit in Kind (specify) Interest |
| V184 | Otherso | Other sources | contin | numeric | Other Sources Amount |
| V185 | Othint | Interest | contin | numeric | Other Sources Interest |
| V186 | Cropfar | Crop farm (no.) | contin | numeric | Crop Farm Number |
| V187 | Hoe | Hoe ploughing | discrete | numeric | Hoe Ploughing Yes No |
| V188 | Cutlass | Cutlass ploughing | discrete | numeric | Cutlass Ploughing Yes No |
| V189 | Aniplou | Animal ploughing | discrete | numeric | Animal Ploughing Yes No |
| V190 | Motorpl | Motor ploughing | discrete | numeric | Motor Ploughing Yes No |
| V191 | Othplo | Other types of ploughing | discrete | numeric | Other types of Ploughing Yes No |
| V192 | Ahoe | Hoe (harvesting) | discrete | numeric | Hoe (harvesting) Yes No |
| V193 | Bcutlas | Cutlass (harvesting) | discrete | numeric | Cutlass (harvesting) Yes No |
| V194 | Harvest | Combined harvester | discrete | numeric | Combined harvester Yes No |
| V195 | Othhar | Others (harvesting) | discrete | numeric | Others (harvesting) Yes No |
| V196 | Govt | Government | discrete | numeric | Government Yes No |
| V197 | Openmar | Open market | discrete | numeric | Open market Yes No |
| V198 | Coopera | Cooperative | discrete | numeric | Cooperative Yes No |

| ID | Name | Label | Type | Format | Question |
|------|----------|---|----------|---------|---|
| V199 | Othplimp | Other sources | discrete | numeric | Other sources Yes No |
| V200 | Truckva | Truck/pickup/vans | discrete | numeric | Truck/Pickup/Vans Yes No |
| V201 | Motorci | Motocycle | discrete | numeric | Motocycle Yes No |
| V202 | Bicycle | Bicycle | discrete | numeric | Bicycle Yes No |
| V203 | Boateng | Boats/engine | discrete | numeric | Boats/engine Yes No |
| V204 | Donkey | Donkey/camel | discrete | numeric | Donkey/Camel Yes No |
| V205 | Headcar | Head carrier | discrete | numeric | Head Carrier Yes No |
| V206 | Othtran | Other transport | discrete | numeric | Other transport Yes No |
| V207 | Silo | Silo | discrete | numeric | Silo Yes No |
| V208 | Rhombu | Rhombus | discrete | numeric | Rhombus Yes No |
| V209 | Warehou | Warehouse | discrete | numeric | Warehouse Yes No |
| V210 | Airdrum | Air drum | discrete | numeric | Air Drum Yes No |
| V211 | Othstor | Other storage facility | discrete | numeric | Other storage Facility Yes No |
| V212 | Traditio | Traditional | discrete | numeric | Traditional Yes No |
| V213 | Chemica | Chemical | discrete | numeric | Chemical Yes No |
| V214 | Othpre | Other preservation | discrete | numeric | Other preservation Yes No |
| V215 | Selfmad | Self made | discrete | numeric | Self made Yes No |
| V216 | Govern | Government | discrete | numeric | Government Yes No |
| V217 | Coopert | Cooperative | discrete | numeric | Cooperative Yes No |
| V218 | Othsou | Other sources | discrete | numeric | Other sources Yes No |
| V219 | Mortar | Mortar | discrete | numeric | Mortar Yes No |
| V220 | Thresh | Thresing on the rock | discrete | numeric | Thresing on the rock Yes No |
| V221 | Grainm | Grain mill | discrete | numeric | Grain mill Yes No |
| V222 | Oilmil | Oil mill | discrete | numeric | Oil mill Yes No |
| V223 | Peelin | Peeling machine | discrete | numeric | Peeling machine Yes No |
| V225 | Grindma | Grinding machine | discrete | numeric | Grinding machine Yes No |
| V226 | Presma | Pressing machine | discrete | numeric | Pressing machine Yes No |
| V227 | Othpro | Other facilities | discrete | numeric | Other facilities Yes No |
| V228 | Totnum | Total number | contin | numeric | Total number |
| V229 | Totmale | Total male | contin | numeric | Total male |
| V230 | Totfema | Total female | contin | numeric | Total Female |
| V231 | Mktchan | Market channels | discrete | numeric | Market Channels |
| V232 | Sales | Sales outlet | contin | numeric | Sales Outlet |
| V233 | Usefert | Use of fertilizer | contin | numeric | Use of Fertilizer Yes No |
| V234 | Nofarmf | No. Of farm | contin | numeric | No. of Farm |
| V235 | Treated | No. Of farm treated with fertilizer | contin | numeric | No. of Farm Treated with Fertilizer |
| V236 | Untreat | No. Of farm not treated with fertilizer | contin | numeric | No. of Farm Not Treated with Fertilizer |
| V237 | Chemonl | Chemical only | discrete | numeric | (a) Chemical fertilizer only |
| V238 | Farmya | Farm yard | discrete | numeric | (b) Farm yard manure only |

| ID | Name | Label | Type | Format | Question |
|------|----------|--------------------------------|----------|---------|---|
| V239 | Chemman | Chemical/manure | discrete | numeric | (c) Chemical / Manure (combined) |
| V240 | Ministr | Ministry | discrete | numeric | (a) Ministry (Extension services) Yes No. |
| V241 | Agroser | Agro service | discrete | numeric | (b) Agro services centers Yes No. |
| V242 | Farmser | Farm service | discrete | numeric | (c) Farm service center Yes No. |
| V243 | Coopn | Cooperative | discrete | numeric | (d) Cooperative society Yes No. |
| V244 | Locamkt | Local market | discrete | numeric | (e) Local market Yes No. |
| V245 | Othersp | Other source | discrete | numeric | Others (specify) Yes No. |
| V246 | Howfarf | Farms used fertilizer | contin | numeric | |
| V247 | Ureaqty | Quantity of urea | contin | numeric | Quantity of Urea Quantity in Kilograms |
| V249 | Npkqty | Quantity of npk | contin | numeric | Quantity of NPK in kilograms |
| V251 | Ssphqty | Quantity of ssph | contin | numeric | Quantity of SSPH in kilograms |
| V253 | Popqty | Quantity of poph | contin | numeric | Quantity of POPH in kilograms |
| V255 | Othqty | Quantity of other fertilizer | contin | numeric | Quantity of Other Fertilizer in kilograms |
| V257 | Doubtf | Doubtful of its usefulness | discrete | numeric | Doubtful of its Usefulness Yes No |
| V258 | Costlyf | Costly | discrete | numeric | Costly Yes No |
| V259 | Dknowhf | Dont know how to use it | discrete | numeric | Dont Know How to Use it Yes No |
| V260 | Dknowuf | Dont know how its usefulness | discrete | numeric | Dont Know How its Usefulness Yes No |
| V261 | Neverhf | Never heard of it | discrete | numeric | Never Heard of it Yes No |
| V262 | Dneeditf | Don't need it | discrete | numeric | Don't Need it Yes No |
| V263 | Othnotf | Others not specified | discrete | numeric | Others not specified Yes No |
| V264 | Pestic | Pesticide | discrete | numeric | Pesticide Yes No. |
| V265 | Nofarmp | No. Of farms | contin | numeric | No. of Farms |
| V266 | Treatp | No. Treated with pesticide | contin | numeric | No. treated with Pesticide |
| V267 | Untrtp | No. Not treated with pesticide | contin | numeric | No. Not treated with Pesticide |
| V268 | Pest1 | Pesticides 1 | contin | numeric | pesticides 1 (Quantity used in kilogram/Litres) and cost in naira |
| V269 | Pest2 | Pesticides 2 | contin | numeric | pesticides 2 (Quantity used in kilogram/Litres) and cost in naira |
| V270 | Pest3 | Pesticides 3 | contin | numeric | pesticides 3 (Quantity used in kilogram/Litres) and cost in naira |
| V271 | Qty1 | Quantity 1 | contin | numeric | Quantity 1 in kilogram/litres |
| V272 | Qty2 | Quantity 2 | contin | numeric | Quantity 2 in kilogram/litres |
| V273 | Qty3 | Quantity 3 | contin | numeric | Quantity in kilogram/litres. |
| V277 | Ministp | Ministry | discrete | numeric | (a) Ministry (Extension services). |
| V278 | Agrosp | Agro service | discrete | numeric | (b) Agro services centers. |
| V279 | Farmsp | Farm service | discrete | numeric | (c) Farm service center. |
| V280 | Coopsp | Cooperative | discrete | numeric | (d) Cooperative society. |
| V281 | Lomktp | Local market | discrete | numeric | (e) Local market. |
| V282 | Othesp | Other source | discrete | numeric | Others (specify) |
| V283 | Howfarp | How far to get your pesticides | contin | numeric | How far to get your pesticides? |
| V284 | Doubtp | Doubtful of its usefulness | discrete | numeric | (a) Doubtful of its Usefulness Yes No |

| ID | Name | Label | Type | Format | Question |
|------|----------|-----------------------------------|----------|---------|---|
| V285 | Costlyp | Costly | discrete | numeric | (b) Too costly to obtain Yes No |
| V286 | Fartop | Too far to purchase | discrete | numeric | (c) Too far to purchase Yes No |
| V287 | Dknowhp | Dont know how to use it | discrete | numeric | (d) Don't know how to use it Yes No |
| V288 | Dknowup | Dont know how its usefulness | discrete | numeric | (e) Dont Know how to Use it Yes No |
| V289 | Neverhp | Never heard of it | discrete | numeric | (f) Never heard of it Yes No |
| V290 | Dneeditp | Don't need it | discrete | numeric | (g) Don't need it Yes No |
| V291 | Othnotp | Others not specified | discrete | numeric | Others (specify) Yes No |
| V292 | Imprseed | Improved seed/seedling | contin | numeric | Improved seed/seedling Yes No |
| V293 | Minists | Ministry | discrete | numeric | (a) Ministry (Extension services) Yes No |
| V294 | Agross | Agro service | discrete | numeric | (b) Agro services center Yes No |
| V295 | Farmss | Farm service | discrete | numeric | (c) Farm service center Yes No |
| V296 | Coopss | Cooperative | discrete | numeric | (d) Cooperative society Yes No |
| V297 | Lomkts | Local market | discrete | numeric | (e) Local market Yes No |
| V298 | Othess | Other source | discrete | numeric | Others (specify) Yes No |
| V299 | Howfars | How far to get your seed/seedling | contin | numeric | How far to get your seed/seedling? |
| V300 | Doubts | Doubtful of its usefulness | discrete | numeric | (a) Doubt its effectiveness Yes No |
| V301 | Costlys | Costly | discrete | numeric | (b) Too costly to obtain Yes No |
| V302 | Fartos | Too far to purchase | discrete | numeric | (c) Too far to obtain Yes No |
| V303 | Dknowhs | Dont know how to use it | discrete | numeric | (e) Don't know how to use it Yes No |
| V304 | Dknowus | Dont know how its usefulness | discrete | numeric | (e) Dont Know How its Usefulness Yes No |
| V305 | Neverhs | Never heard of it | discrete | numeric | (f) Never heard of it Yes No |
| V306 | Dneedits | Don't need it | discrete | numeric | (g) Don't need it Yes No |
| V307 | Othnots | Others not specified | discrete | numeric | Others (specify) Yes No |
| V308 | Pophkqty | Pophkqty | contin | numeric | Poultry kept |
| V309 | Tenure | Tenure pattern | discrete | numeric | The Tenure Pattern used? 1 Ownerlike 2 Squarter 3 Rented 4 Family Land 5 Others |
| V311 | Hid1 | Identification | contin | numeric | |
| V312 | Change | Change | contin | numeric | change in stocks |
| V313 | Transpo | Transportation | discrete | numeric | The category of transport used? 1 Truck/Pickup/Vans 2 Motor Cycle 3 Bicycle 4 Boats/Engine Boats 5 Donkey/Camel 6 Head Carrier 7 Others |
| V314 | Plough | Plough | discrete | numeric | The category of Plough used? 1 Hoes 2 Cutlass 3 Animal 4 Motor 5 Others |
| V315 | Harves | Harvesting | discrete | numeric | The category of Harvesting instrument used? 1 Hoes 2 Cutlass 3 Combined Harvester 4 Others |
| V316 | Rf | Raising factor | contin | numeric | |

States in nigeria (State)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14374 (9087526.7) |
| Format: numeric | Invalid: 0 (0) |
| Width: 2 | Minimum: 1 |
| Decimals: 0 | Maximum: 37 |
| Range: 1-37 | |

Literal question

The state by state of the data.

Local govt. Area (Lga)

File: Holding characteristics and others data

Overview

| | |
|------------------|--------------------------------|
| Type: Continuous | Valid cases: 14374 (9087526.7) |
| Format: numeric | Invalid: 0 (0) |
| Width: 2 | Minimum: 1 |
| Decimals: 0 | Maximum: 9 |
| Range: 1-9 | Mean: 3.4 (3.2) |
| | Standard deviation: 1.9 (1.8) |

Literal question

The local government of the area in each state.

Enumeration area code (Eacode)

File: Holding characteristics and others data

Overview

| | |
|------------------|--------------------------------|
| Type: Continuous | Valid cases: 14374 (9087526.7) |
| Format: numeric | Invalid: 0 (0) |
| Width: 4 | Minimum: 1 |
| Decimals: 0 | Maximum: 6234 |
| Range: 1-6234 | Mean: 217.9 (215.7) |

Literal question

The enumeration area of the local government in each state.

Quarter (Quarter)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14374 (9087526.7) |
| Format: numeric | Invalid: 0 (0) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 4 |
| Range: 1-4 | Mean: 2.8 (2.8) |

Urban/rural (Sector)

File: Holding characteristics and others data

Overview

Urban/rural (Sector)**File: Holding characteristics and others data**

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

Valid cases: 14374 (9087526.7)
 Invalid: 0 (0)
 Minimum: 1
 Maximum: 2

Literal question

Urban/Rural

Household no. (Hhno)**File: Holding characteristics and others data****Overview**

Type: Continuous
 Format: numeric
 Width: 3
 Decimals: 0
 Range: 1-251

Valid cases: 14373
 Invalid: 1
 Minimum: 1
 Maximum: 251
 Mean: 31.1
 Standard deviation: 27.4

Literal question

Household no. Number

Serial no. (Sno)**File: Holding characteristics and others data****Overview**

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-9

Valid cases: 14373
 Invalid: 1
 Minimum: 0
 Maximum: 9
 Mean: 1.1
 Standard deviation: 0.6

Literal question

Serial no. Number

Master sample no (Msno)**File: Holding characteristics and others data****Overview**

Type: Continuous
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 0-45

Valid cases: 14373
 Invalid: 1
 Minimum: 0
 Maximum: 45
 Mean: 5.3
 Standard deviation: 3

Literal question

Master sample no Number

No. Of holders (Holders)**File: Holding characteristics and others data**

No. Of holders (Holders)

File: Holding characteristics and others data

Overview

| | |
|------------------|-------------------------|
| Type: Continuous | Valid cases: 14365 |
| Format: numeric | Invalid: 9 |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 9 |
| Range: 0-9 | Mean: 1 |
| | Standard deviation: 0.2 |

Literal question

No. of holders in Number

Gender of head (Sex)

File: Holding characteristics and others data

Overview

| | |
|------------------|--------------------------------|
| Type: Continuous | Valid cases: 14374 (9087526.7) |
| Format: numeric | Invalid: 0 (0) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | |

Literal question

Sex of Holder

Age of head (Age)

File: Holding characteristics and others data

Overview

| | |
|------------------|--------------------------|
| Type: Continuous | Valid cases: 14373 |
| Format: numeric | Invalid: 1 |
| Width: 2 | Minimum: 0 |
| Decimals: 0 | Maximum: 99 |
| Range: 0-99 | Mean: 46.9 |
| | Standard deviation: 12.4 |

Literal question

Age of Holder in Years

Level of education of head (Hlevel)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14369 (9086223.4) |
| Format: numeric | Invalid: 5 (1303.3) |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 4 |
| Range: 0-4 | |

Literal question

Highest Level of Education Attained

Relationship to the head of household (Relation)

File: Holding characteristics and others data

Relationship to the head of household (Relation)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------|
| Type: Discrete | Valid cases: 14374 |
| Format: numeric | Invalid: 0 |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 5 |
| Range: 0-7 | |

Literal question

Relationship to the Head of EFHU

Size of household (Sizeofhh)

File: Holding characteristics and others data

Overview

| | |
|------------------|--------------------------------|
| Type: Continuous | Valid cases: 14356 (9085585.3) |
| Format: numeric | Invalid: 18 (1941.3) |
| Width: 2 | Minimum: 0 |
| Decimals: 0 | Maximum: 99 |
| Range: 0-99 | Mean: 4.8 (4.7) |
| | Standard deviation: 3.7 (3.6) |

Literal question

Size of Household Number

No. Of farms (Farms)

File: Holding characteristics and others data

Overview

| | |
|------------------|--------------------------------|
| Type: Continuous | Valid cases: 14368 (9086715.4) |
| Format: numeric | Invalid: 6 (811.3) |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 9 |
| Range: 0-9 | Mean: 1.6 (1.7) |
| | Standard deviation: 0.9 (1) |

Pre question

How many Export crop Farms do you have this Agricultural season?

Literal question

No. of Farms Number

Type of holding (Owned)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14371 (9085034.5) |
| Format: numeric | Invalid: 3 (2492.2) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 3 |
| Range: 1-3 | |

Pre question

Is agricultural export crop Holding owned by Holder (one option)

Literal question

Type of holding (Owned)

File: Holding characteristics and others data

- (a) As an individual? ... 1
 (b) Jointly with other members of the Household? 2
 (c) Jointly with members of other household(s)? 3

Oil palm (Oilpalm)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14371 (9085034.5) |
| Format: numeric | Invalid: 3 (2492.2) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.7 (1.8) |
| | Standard deviation: 0.5 (0.4) |

Pre question

Which of these export crops do you produce in your farm? (Circle all applicable) Oil Palm

Literal question

Oil Palm Yes No

Interviewer instructions

(Circle all applicable)

Cocoa (Cocoa)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14371 (9085034.5) |
| Format: numeric | Invalid: 3 (2492.2) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.8 (1.9) |
| | Standard deviation: 0.4 (0.3) |

Pre question

Which of these export crops do you produce in your farm? (Circle all applicable) Cocoa

Literal question

Cocoa Yes No

Interviewer instructions

(Circle all applicable)

Groundnut (Gnut)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14371 (9085034.5) |
| Format: numeric | Invalid: 3 (2492.2) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.5 (1.3) |
| | Standard deviation: 0.5 (0.5) |

Pre question

Which of these export crops do you produce in your farm? (Circle all applicable)

Literal question

Groundnut (Gnut)

File: Holding characteristics and others data

Groundnut Yes No

Interviewer instructions

(Circle all applicable)

Cotton (Cotton)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14371 (9085034.5) |
| Format: numeric | Invalid: 3 (2492.2) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.9 (1.9) |
| | Standard deviation: 0.3 (0.3) |

Pre question

Which of these export crops do you produce in your farm? (Circle all applicable)

Literal question

Cotton Yes No

Interviewer instructions

(Circle all applicable)

Cashew nut (Cashewnu)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14371 (9085034.5) |
| Format: numeric | Invalid: 3 (2492.2) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.9 (2) |
| | Standard deviation: 0.3 (0.2) |

Pre question

Which of these export crops do you produce in your farm? (Circle all applicable)

Literal question

Cashew nut Yes No

Interviewer instructions

(Circle all applicable)

Rubber (Rubber)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14371 (9085034.5) |
| Format: numeric | Invalid: 3 (2492.2) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.2 (0.2) |

Pre question

Which of these export crops do you produce in your farm? (Circle all applicable)

Rubber (Rubber)

File: Holding characteristics and others data

Literal question

Rubber Yes No

Interviewer instructions

(Circle all applicable)

Coffee (Coffee)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14371 (9085034.5) |
| Format: numeric | Invalid: 3 (2492.2) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.1 (0.1) |

Pre question

Which of these export crops do you produce in your farm? (Circle all applicable)

Literal question

Coffee Yes No

Interviewer instructions

(Circle all applicable)

Tea (Tea)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14371 (9085034.5) |
| Format: numeric | Invalid: 3 (2492.2) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0 (0) |

Pre question

Which of these export crops do you produce in your farm? (Circle all applicable)

Literal question

Tea Yes No

Interviewer instructions

(Circle all applicable)

Ginger (Ginger)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14371 (9085034.5) |
| Format: numeric | Invalid: 3 (2492.2) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.1 (0.1) |

Pre question

Ginger (Ginger)

File: Holding characteristics and others data

Which of these export crops do you produce in your farm? (Circle all applicable)

Literal question

Ginger Yes No

Interviewer instructions

(Circle all applicable)

Sesamese (Sesamese)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14371 (9085034.5) |
| Format: numeric | Invalid: 3 (2492.2) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.9 (1.9) |
| | Standard deviation: 0.3 (0.3) |

Pre question

Which of these export crops do you produce in your farm? (Circle all applicable)

Literal question

Sesame Yes No

Interviewer instructions

(Circle all applicable)

Gum arabic (Gumarabi)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14371 (9085034.5) |
| Format: numeric | Invalid: 3 (2492.2) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.1 (0.1) |

Pre question

Which of these export crops do you produce in your farm? (Circle all applicable)

Literal question

Gum Arabic Yes No

Interviewer instructions

(Circle all applicable)

Sugar cane (Sugarcan)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14371 (9085034.5) |
| Format: numeric | Invalid: 3 (2492.2) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.9 (1.9) |
| | Standard deviation: 0.2 (0.2) |

Sugar cane (Sugarcan)

File: Holding characteristics and others data

Pre question

Which of these export crops do you produce in your farm? (Circle all applicable)

Literal question

Sugar cane Yes No

Interviewer instructions

(Circle all applicable)

Garlic (Garlic)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14371 (9085034.5) |
| Format: numeric | Invalid: 3 (2492.2) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0 (0.1) |

Pre question

Which of these export crops do you produce in your farm? (Circle all applicable)

Literal question

Garlic Yes No

Interviewer instructions

(Circle all applicable)

Sheanut (Sheanuts)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14371 (9085034.5) |
| Format: numeric | Invalid: 3 (2492.2) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.2 (0.2) |

Pre question

Which of these export crops do you produce in your farm? (Circle all applicable)

Literal question

Sheanut Yes No

Interviewer instructions

(Circle all applicable)

Location of holding (Located)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14371 (9085034.5) |
| Format: numeric | Invalid: 3 (2492.2) |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 4 |
| Range: 1-4 | |

Location of holding (Located)

File: Holding characteristics and others data

Pre question

Where is the agricultural export crop holding located?

Literal question

- (a) Inside the Holder's premises 1
- (b) In the field around Holder's residence or locality 2
- (c) In a different locality, E.A., L.G.A. (but holder has no residence there) 3

Interviewer instructions

Indicate all applicable

Ownerlike possession (Ownerlik)

File: Holding characteristics and others data

Overview

| | |
|------------------|--------------------------------|
| Type: Continuous | Valid cases: 10012 (6685715.5) |
| Format: numeric | Invalid: 4362 (2401811.2) |
| Width: 7 | Minimum: 0 |
| Decimals: 4 | Maximum: 61.1 |
| Range: 0-61.14 | Mean: 1.7 (1.6) |
| | Standard deviation: 3.5 (3.3) |

Pre question

Does any part of your holding (i.e. total land for agricultural export crop production) belong to the following categories of tenure? (Indicate all applicable)

Literal question

- (a) Ownerlike possession Area in Local Unit.

Interviewer instructions

Indicate all applicable

Squatter (Squarter)

File: Holding characteristics and others data

Overview

| | |
|------------------|--------------------------------|
| Type: Continuous | Valid cases: 186 (111189.7) |
| Format: numeric | Invalid: 14188 (8976337) |
| Width: 7 | Minimum: 0 |
| Decimals: 4 | Maximum: 58 |
| Range: 0-58 | Mean: 2 (5.7) |
| | Standard deviation: 7.3 (13.7) |

Pre question

Does any part of your holding (i.e. total land for agricultural export crop production) belong to the following categories of tenure? (Indicate all applicable)

Literal question

- (b) Squatter Area in Local Unit.

...

Interviewer instructions

Indicate all applicable

Family land (Family)

File: Holding characteristics and others data

Overview

Family land (Family)

File: Holding characteristics and others data

Type: Continuous
Format: numeric
Width: 7
Decimals: 4
Range: 0-85.7143

Valid cases: 3981 (2186262.9)
Invalid: 10393 (6901263.7)
Minimum: 0
Maximum: 85.7
Mean: 1.7 (2)
Standard deviation: 4.3 (5.3)

Pre question

Does any part of your holding (i.e. total land for agricultural export crop production) belong to the following categories of tenure? (Indicate all applicable)

Literal question

(c) Family land Area in Local Unit.

Interviewer instructions

Indicate all applicable

Rented (Rented)

File: Holding characteristics and others data

Overview

Type: Continuous
Format: numeric
Width: 7
Decimals: 4
Range: 0-44.444

Valid cases: 299 (141135)
Invalid: 14075 (8946391.7)
Minimum: 0
Maximum: 44.4
Mean: 1.9 (2.4)
Standard deviation: 4.4 (5.8)

Pre question

Does any part of your holding (i.e. total land for agricultural export crop production) belong to the following categories of tenure? (Indicate all applicable)

Literal question

(d) Rental Area in Local Unit.

Interviewer instructions

Indicate all applicable

Others (Oter)

File: Holding characteristics and others data

Overview

Type: Continuous
Format: numeric
Width: 7
Decimals: 4
Range: 0-28.5718

Valid cases: 82 (48795.2)
Invalid: 14292 (9038731.5)
Minimum: 0
Maximum: 28.6
Mean: 1.6 (1.2)
Standard deviation: 4.2 (2.6)

Pre question

Does any part of your holding (i.e. total land for agricultural export crop production) belong to the following categories of tenure? (Indicate all applicable)

Literal question

Others (specify) Area in Local Unit.

Interviewer instructions

Indicate all applicable

Rented for money (Rentmone)

File: Holding characteristics and others data

Overview

| | |
|------------------|-------------------------------|
| Type: Continuous | Valid cases: 164 (80318.7) |
| Format: numeric | Invalid: 14210 (9007207.9) |
| Width: 7 | Minimum: 0 |
| Decimals: 4 | Maximum: 44.4 |
| Range: 0-44.444 | Mean: 2.4 (3.6) |
| | Standard deviation: 4.8 (6.2) |

Pre question

If rented, indicate type of rent (circle all applicable)

Literal question

(a) Rented for money Area in Hectares

Interviewer instructions

Indicate all applicable

For produce (Produce)

File: Holding characteristics and others data

Overview

| | |
|------------------|-------------------------------|
| Type: Continuous | Valid cases: 37 (9617.3) |
| Format: numeric | Invalid: 14337 (9077909.4) |
| Width: 7 | Minimum: 0 |
| Decimals: 4 | Maximum: 8.5 |
| Range: 0-8.5142 | Mean: 1.6 (1.6) |
| | Standard deviation: 2.6 (2.4) |

Pre question

If rented, indicate type of rent (circle all applicable)

Literal question

(b) For produce Area in Hectares

Interviewer instructions

Indicate all applicable

For money & produce (Money)

File: Holding characteristics and others data

Overview

| | |
|------------------|-------------------------------|
| Type: Continuous | Valid cases: 24 (15709.9) |
| Format: numeric | Invalid: 14350 (9071816.8) |
| Width: 7 | Minimum: 0 |
| Decimals: 4 | Maximum: 5.8 |
| Range: 0-5.7711 | Mean: 0.5 (0.3) |
| | Standard deviation: 1.3 (0.6) |

Pre question

If rented, indicate type of rent (circle all applicable)

Literal question

(c) For money and produce Area in Hectares

Interviewer instructions

Indicate all applicable

For services (Service)

File: Holding characteristics and others data

Overview

| | |
|------------------|-------------------------------|
| Type: Continuous | Valid cases: 22 (16275.2) |
| Format: numeric | Invalid: 14352 (9071251.5) |
| Width: 7 | Minimum: 0 |
| Decimals: 4 | Maximum: 3.1 |
| Range: 0-3.1111 | Mean: 0.4 (0.3) |
| | Standard deviation: 0.7 (0.6) |

Pre question

If rented, indicate type of rent (circle all applicable)

Literal question

(d) For services Area in Local unit

Interviewer instructions

Indicate all applicable

Others (Oters)

File: Holding characteristics and others data

Overview

| | |
|------------------|-------------------------------|
| Type: Continuous | Valid cases: 14 (6474.2) |
| Format: numeric | Invalid: 14360 (9081052.5) |
| Width: 7 | Minimum: 0 |
| Decimals: 4 | Maximum: 4 |
| Range: 0-4 | Mean: 0.6 (0.1) |
| | Standard deviation: 1.2 (0.5) |

Pre question

If rented, indicate type of rent (circle all applicable)

Literal question

Others (specify) Area in Local unit

Interviewer instructions

Indicate all applicable

Upland rainfed (Upland)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14276 (9031908.2) |
| Format: numeric | Invalid: 98 (55618.5) |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1 (1) |
| | Standard deviation: 0.2 (0.2) |

Pre question

Which of the following agricultural systems do you use for your export farm?

Literal question

(a) Upland (Rainfed) Yes No

Interviewer instructions

(Circle all applicable)

Lowland swampy (Lowland)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14276 (9031908.2) |
| Format: numeric | Invalid: 98 (55618.5) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.9 (1.9) |
| | Standard deviation: 0.3 (0.3) |

Pre question

Which of the following agricultural systems do you use for your export farm?

Literal question

(b) Lowland (Swampy) Yes No

Interviewer instructions

(Circle all applicable)

Irrigated (Irrigate)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14276 (9031908.2) |
| Format: numeric | Invalid: 98 (55618.5) |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.1 (0.1) |

Pre question

Which of the following agricultural systems do you use for your export farm?

Literal question

(c) Irrigated Yes No

Interviewer instructions

(Circle all applicable)

Own funds (Ownfunds)

File: Holding characteristics and others data

Overview

| | |
|------------------|-------------------------------------|
| Type: Continuous | Valid cases: 12949 (8123405.5) |
| Format: numeric | Invalid: 1425 (964121.2) |
| Width: 6 | Minimum: 0 |
| Decimals: 0 | Maximum: 900000 |
| Range: 0-900000 | Mean: 10755.3 (11452.9) |
| | Standard deviation: 23133 (20146.4) |

Pre question

What are the sources of funds/Interest for running this agricultural export crop holding during this season?

Literal question

(01) Own Funds Amount

Interest (Ownint)

File: Holding characteristics and others data

Overview

Interest (Ownint)

File: Holding characteristics and others data

Type: Continuous Valid cases: 0 (0)
 Format: numeric Invalid: 14374 (9087526.7)
 Width: 5
 Decimals: 0

Pre question

What are the sources of funds/Interest for running this agricultural export crop holding during this season?

Literal question

(01) Own Funds Interest

Interviewer instructions

(Circle all options)

Friends/relatives (Friends)

File: Holding characteristics and others data

Overview

| | |
|------------------|---------------------------------------|
| Type: Continuous | Valid cases: 436 (290980) |
| Format: numeric | Invalid: 13938 (8796546.7) |
| Width: 6 | Minimum: 0 |
| Decimals: 0 | Maximum: 300000 |
| Range: 0-300000 | Mean: 8715.1 (8653) |
| | Standard deviation: 22269.5 (18994.7) |

Pre question

What are the sources of funds/Interest for running this agricultural export crop holding during this season? (Circle all options)

Literal question

Friends/Relations Amount

Interest (Frint)

File: Holding characteristics and others data

Overview

| | |
|------------------|----------------------------|
| Type: Continuous | Valid cases: 0 (0) |
| Format: numeric | Invalid: 14374 (9087526.7) |
| Width: 5 | |
| Decimals: 0 | |

Pre question

What are the sources of funds/Interest for running this agricultural export crop holding during this season? (Circle all options)

Literal question

Friends/Relations Interest

Community banks (Banks)

File: Holding characteristics and others data

Overview

| | |
|------------------|---------------------------------------|
| Type: Continuous | Valid cases: 67 (43129.7) |
| Format: numeric | Invalid: 14307 (9044397) |
| Width: 6 | Minimum: 0 |
| Decimals: 0 | Maximum: 200000 |
| Range: 0-200000 | Mean: 16589.6 (17731.4) |
| | Standard deviation: 29240.8 (24613.1) |

Community banks (Banks)

File: Holding characteristics and others data

Pre question

What are the sources of funds/Interest for running this agricultural export crop holding during this season?

Literal question

Community Banks Amount

Interest (Banint)

File: Holding characteristics and others data

Overview

| | |
|------------------|-----------------------------------|
| Type: Continuous | Valid cases: 43 (31723.8) |
| Format: numeric | Invalid: 14331 (9055802.9) |
| Width: 5 | Minimum: 0 |
| Decimals: 0 | Maximum: 56000 |
| Range: 0-56000 | Mean: 3362.2 (3050.6) |
| | Standard deviation: 8921 (6416.8) |

Literal question

Community Banks Interest

Agric coop rural dev bank (Agriccoo)

File: Holding characteristics and others data

Overview

| | |
|------------------|--|
| Type: Continuous | Valid cases: 37 (21213) |
| Format: numeric | Invalid: 14337 (9066313.7) |
| Width: 6 | Minimum: 0 |
| Decimals: 0 | Maximum: 500000 |
| Range: 0-500000 | Mean: 63501.4 (35440.3) |
| | Standard deviation: 121606.6 (71355.6) |

Pre question

What are the sources of funds/Interest for running this agricultural export crop holding during this season?

Literal question

Nigeria Agric. Coop. & Rural Dev. Bank Amount

Interest (Agrint)

File: Holding characteristics and others data

Overview

| | |
|------------------|--------------------------------------|
| Type: Continuous | Valid cases: 31 (29102.7) |
| Format: numeric | Invalid: 14343 (9058424) |
| Width: 5 | Minimum: 0 |
| Decimals: 0 | Maximum: 70000 |
| Range: 0-70000 | Mean: 4314.5 (3313.2) |
| | Standard deviation: 12408.9 (5650.9) |

Literal question

Nigeria Agric. Coop. & Rural Dev. Bank Interest

Comm./merchant bank (Commerci)

File: Holding characteristics and others data

Comm./merchant bank (Commerci)

File: Holding characteristics and others data

Overview

| | |
|------------------|-------------------------------------|
| Type: Continuous | Valid cases: 20 (8622.2) |
| Format: numeric | Invalid: 14354 (9078904.5) |
| Width: 6 | Minimum: 0 |
| Decimals: 0 | Maximum: 300000 |
| Range: 0-300000 | Mean: 34500 (18094.3) |
| | Standard deviation: 71780 (58723.8) |

Pre question

What are the sources of funds/Interest for running this agricultural export crop holding during this season?

Literal question

Commercial/Merchant Bank Amount

Interest (Comint)

File: Holding characteristics and others data

Overview

| | |
|------------------|--------------------------------------|
| Type: Continuous | Valid cases: 16 (5586.3) |
| Format: numeric | Invalid: 14358 (9081940.3) |
| Width: 5 | Minimum: 0 |
| Decimals: 0 | Maximum: 30000 |
| Range: 0-30000 | Mean: 6896.9 (3019.2) |
| | Standard deviation: 11217.1 (8438.3) |

Literal question

Commercial/Merchant Bank Interest

Cooperative society (Coop)

File: Holding characteristics and others data

Overview

| | |
|------------------|-------------------------------------|
| Type: Continuous | Valid cases: 154 (79541.6) |
| Format: numeric | Invalid: 14220 (9007985.1) |
| Width: 6 | Minimum: 0 |
| Decimals: 0 | Maximum: 700000 |
| Range: 0-700000 | Mean: 34546.4 (23937.3) |
| | Standard deviation: 77048 (22457.1) |

Pre question

What are the sources of funds/Interest for running this agricultural export crop holding during this season?

Literal question

Cooperative Society Amount

Interest (Coopint)

File: Holding characteristics and others data

Overview

| | |
|------------------|-------------------------------------|
| Type: Continuous | Valid cases: 116 (67675.4) |
| Format: numeric | Invalid: 14258 (9019851.2) |
| Width: 5 | Minimum: 0 |
| Decimals: 0 | Maximum: 24000 |
| Range: 0-24000 | Mean: 3599.6 (3767.8) |
| | Standard deviation: 4420.2 (3466.6) |

Literal question

Interest (Coopint)

File: Holding characteristics and others data

Cooperative Society Interest

Local money lender (Localmo)

File: Holding characteristics and others data

Overview

| | |
|------------------|---------------------------------------|
| Type: Continuous | Valid cases: 165 (82552.8) |
| Format: numeric | Invalid: 14209 (9004973.8) |
| Width: 6 | Minimum: 0 |
| Decimals: 0 | Maximum: 150000 |
| Range: 0-150000 | Mean: 14330.5 (16550.6) |
| | Standard deviation: 21820.4 (23545.9) |

Pre question

What are the sources of funds/Interest for running this agricultural export crop holding during this season?

Literal question

Local money lender Amount

Interest (Locint)

File: Holding characteristics and others data

Overview

| | |
|------------------|-------------------------------------|
| Type: Continuous | Valid cases: 113 (53251.3) |
| Format: numeric | Invalid: 14261 (9034275.4) |
| Width: 5 | Minimum: 0 |
| Decimals: 0 | Maximum: 45000 |
| Range: 0-45000 | Mean: 2457.5 (3597.7) |
| | Standard deviation: 5211.4 (6693.1) |

Literal question

Local money lender Interest

Micro credit-esusu (Microocr)

File: Holding characteristics and others data

Overview

| | |
|------------------|---------------------------------------|
| Type: Continuous | Valid cases: 558 (317820) |
| Format: numeric | Invalid: 13816 (8769706.7) |
| Width: 6 | Minimum: 0 |
| Decimals: 0 | Maximum: 850000 |
| Range: 0-850000 | Mean: 21228.7 (19803.1) |
| | Standard deviation: 57250.6 (56406.2) |

Pre question

What are the sources of funds/Interest for running this agricultural export crop holding during this season?

Literal question

Micro Credit Institutions (Esusu etc) Amount

Interest (Microint)

File: Holding characteristics and others data

Overview

Interest (Microint)

File: Holding characteristics and others data

| | |
|------------------|---------------------------------------|
| Type: Continuous | Valid cases: 288 (153833.1) |
| Format: numeric | Invalid: 14086 (8933693.6) |
| Width: 5 | Minimum: 0 |
| Decimals: 0 | Maximum: 90000 |
| Range: 0-90000 | Mean: 3990.1 (3651.2) |
| | Standard deviation: 10697.2 (10275.5) |

Literal question

Micro Credit Institutions (Esusu etc) Interest

Credit in kind (Credit)

File: Holding characteristics and others data

Overview

| | |
|------------------|-------------------------------------|
| Type: Continuous | Valid cases: 68 (29775.3) |
| Format: numeric | Invalid: 14306 (9057751.3) |
| Width: 6 | Minimum: 0 |
| Decimals: 0 | Maximum: 40000 |
| Range: 0-40000 | Mean: 5977.9 (3947.8) |
| | Standard deviation: 7322.7 (3807.4) |

Pre question

What are the sources of funds/Interest for running this agricultural export crop holding during this season?

Literal question

Credit in Kind (specify) Amount

Interest (Credint)

File: Holding characteristics and others data

Overview

| | |
|------------------|-----------------------------------|
| Type: Continuous | Valid cases: 17 (6361.5) |
| Format: numeric | Invalid: 14357 (9081165.2) |
| Width: 5 | Minimum: 0 |
| Decimals: 0 | Maximum: 1000 |
| Range: 0-1000 | Mean: 176.5 (46.8) |
| | Standard deviation: 288.4 (150.4) |

Literal question

Credit in Kind (specify) Interest

Other sources (Otherso)

File: Holding characteristics and others data

Overview

| | |
|------------------|---------------------------------------|
| Type: Continuous | Valid cases: 174 (82112.4) |
| Format: numeric | Invalid: 14200 (9005414.2) |
| Width: 6 | Minimum: 0 |
| Decimals: 0 | Maximum: 100000 |
| Range: 0-100000 | Mean: 11467.6 (8442.9) |
| | Standard deviation: 13165.5 (11243.2) |

Pre question

What are the sources of funds/Interest for running this agricultural export crop holding during this season?

Literal question

Other Sources Amount

Interest (Othint)

File: Holding characteristics and others data

Overview

| | |
|------------------|-------------------------------------|
| Type: Continuous | Valid cases: 51 (21494.5) |
| Format: numeric | Invalid: 14323 (9066032.1) |
| Width: 5 | Minimum: 0 |
| Decimals: 0 | Maximum: 40000 |
| Range: 0-40000 | Mean: 2234.6 (1278.8) |
| | Standard deviation: 5862.5 (3748.7) |

Literal question

Other Sources Interest

Crop farm (no.) (Cropfar)

File: Holding characteristics and others data

Overview

| | |
|------------------|--------------------------------|
| Type: Continuous | Valid cases: 14172 (8941875.5) |
| Format: numeric | Invalid: 202 (145651.2) |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 9 |
| Range: 1-9 | Mean: 1.6 (1.6) |
| | Standard deviation: 0.8 (0.9) |

Pre question

How many Export crop Farms do you have this Agricultural season?

Literal question

Crop Farm Number

Hoe ploughing (Hoe)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14265 (9035664.7) |
| Format: numeric | Invalid: 109 (51861.9) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.1 (1.2) |
| | Standard deviation: 0.3 (0.4) |

Pre question

Which of the following implements do you use for ploughing?

Literal question

Hoe Ploughing Yes No

Interviewer instructions

(Circle all applicable)

Cutlass ploughing (Cutlass)

File: Holding characteristics and others data

Overview

Cutlass ploughing (Cutlass)

File: Holding characteristics and others data

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14265 (9035664.7) |
| Format: numeric | Invalid: 109 (51861.9) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.2 (1.3) |
| | Standard deviation: 0.4 (0.5) |

Pre question

Which of the following implements do you use for ploughing?

Literal question

Cutlass Ploughing Yes No

Interviewer instructions

(Circle all applicable)

Animal ploughing (Aniplou)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14265 (9035664.7) |
| Format: numeric | Invalid: 109 (51861.9) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.8 (1.7) |
| | Standard deviation: 0.4 (0.5) |

Pre question

Which of the following implements do you use for ploughing?

Literal question

Animal Ploughing Yes No

Interviewer instructions

(Circle all applicable)

Motor ploughing (Motorpl)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14265 (9035664.7) |
| Format: numeric | Invalid: 109 (51861.9) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.1 (0.1) |

Description

Which of the following implements do you use for ploughing?

Is it (d) Motor?

Pre question

Which of the following implements do you use for ploughing?

Literal question

Motor Ploughing Yes No

Interviewer instructions

(Circle all applicable)

Other types of ploughing (Othplo)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14265 (9035664.7) |
| Format: numeric | Invalid: 109 (51861.9) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.2 (0.2) |

Pre question

Which of the following implements do you use for ploughing?

Literal question

Other types of Ploughing Yes No

Interviewer instructions

(Circle all applicable)

Hoe (harvesting) (Ahoe)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14265 (9035664.7) |
| Format: numeric | Invalid: 109 (51861.9) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.3 (1.2) |
| | Standard deviation: 0.5 (0.4) |

Pre question

Which of the following implements do you use for harvesting?

Literal question

Hoe (harvesting) Yes No

Interviewer instructions

(Circle all applicable)

Cutlass (harvesting) (Bcutlas)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14265 (9035664.7) |
| Format: numeric | Invalid: 109 (51861.9) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.2 (1.3) |
| | Standard deviation: 0.4 (0.5) |

Pre question

Which of the following implements do you use for harvesting?

Literal question

Cutlass (harvesting) Yes No

Interviewer instructions

(Circle all applicable)

Combined harvester (Harvest)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14265 (9035664.7) |
| Format: numeric | Invalid: 109 (51861.9) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.2 (0.1) |

Pre question

Which of the following implements do you use for harvesting?

Literal question

Combined harvester Yes No

Interviewer instructions

(Circle all applicable)

Others (harvesting) (Othhar)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14265 (9035664.7) |
| Format: numeric | Invalid: 109 (51861.9) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.8 (1.9) |
| | Standard deviation: 0.4 (0.3) |

Pre question

Which of the following implements do you use for harvesting?

Literal question

Others (harvesting) Yes No

Interviewer instructions

(Circle all applicable)

Government (Govt)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14265 (9035664.7) |
| Format: numeric | Invalid: 109 (51861.9) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.1 (0.1) |

Pre question

Which of the following is the source of your ploughing implements?

Literal question

Government Yes No

Interviewer instructions

(Circle all applicable)

Open market (Openmar)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14265 (9035664.7) |
| Format: numeric | Invalid: 109 (51861.9) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.1 (1.1) |
| | Standard deviation: 0.2 (0.2) |

Pre question

Which of the following is the source of your ploughing implements?

Literal question

Open market Yes No

Interviewer instructions

(Circle all applicable)

Cooperative (Coopera)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14265 (9035664.7) |
| Format: numeric | Invalid: 109 (51861.9) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.2 (0.1) |

Pre question

Which of the following is the source of your ploughing implements?

Literal question

Cooperative Yes No

Interviewer instructions

(Circle all applicable)

Other sources (Othplimp)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14265 (9035664.7) |
| Format: numeric | Invalid: 109 (51861.9) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.2 (0.1) |

Pre question

Which of the following is the source of your ploughing implements?

Literal question

Other sources Yes No

Interviewer instructions

(Circle all applicable)

Truck/pickup/vans (Truckva)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14265 (9035664.7) |
| Format: numeric | Invalid: 109 (51861.9) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.7 (1.7) |
| | Standard deviation: 0.5 (0.5) |

Pre question

Which of the following transportation means do you use for your farm produce?

Literal question

Truck/Pickup/Vans Yes No

Motocycle (Motorci)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14265 (9035664.7) |
| Format: numeric | Invalid: 109 (51861.9) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.7 (1.8) |
| | Standard deviation: 0.4 (0.4) |

Pre question

Which of the following transportation means do you use for your farm produce?

Literal question

Motocycle Yes No

Bicycle (Bicycle)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14265 (9035664.7) |
| Format: numeric | Invalid: 109 (51861.9) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.7 (1.7) |
| | Standard deviation: 0.5 (0.5) |

Pre question

Which of the following transportation means do you use for your farm produce?

Literal question

Bicycle Yes No

Boats/engine (Boateng)

File: Holding characteristics and others data

Overview

Boats/engine (Boateng)

File: Holding characteristics and others data

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14265 (9035664.7) |
| Format: numeric | Invalid: 109 (51861.9) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.2 (0.2) |

Pre question

Which of the following transportation means do you use for your farm produce?

Literal question

Boats/engine Yes No

Donkey/camel (Donkey)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14265 (9035664.7) |
| Format: numeric | Invalid: 109 (51861.9) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.9 (1.7) |
| | Standard deviation: 0.4 (0.4) |

Pre question

Which of the following transportation means do you use for your farm produce?

Literal question

Donkey/Camel Yes No

Head carrier (Headcar)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14265 (9035664.7) |
| Format: numeric | Invalid: 109 (51861.9) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.3 (1.3) |
| | Standard deviation: 0.4 (0.5) |

Pre question

Which of the following transportation means do you use for your farm produce?

Literal question

Head Carrier Yes No

Other transport (Othtran)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14265 (9035664.7) |
| Format: numeric | Invalid: 109 (51861.9) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.9 (1.9) |
| | Standard deviation: 0.2 (0.2) |

Pre question

Other transport (Othtran)

File: Holding characteristics and others data

Which of the following transportation means do you use for your farm produce?

Literal question

Other transport Yes No

Silo (Silo)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 14263 (9034925) |
| Format: numeric | Invalid: 111 (52601.6) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.9 (1.9) |
| | Standard deviation: 0.3 (0.3) |

Pre question

Which of the following do you use to store your farm produce?

Literal question

Silo Yes No

Interviewer instructions

(Circle all applicable)

Rhombus (Rhombu)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 14263 (9034925) |
| Format: numeric | Invalid: 111 (52601.6) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.7 (1.6) |
| | Standard deviation: 0.5 (0.5) |

Pre question

Which of the following do you use to store your farm produce?

Literal question

Rhombus Yes No

Interviewer instructions

(Circle all applicable)

Warehouse (Warehou)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 14263 (9034925) |
| Format: numeric | Invalid: 111 (52601.6) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.8 (1.9) |
| | Standard deviation: 0.4 (0.4) |

Pre question

Which of the following do you use to store your farm produce?

Warehouse (Warehou)

File: Holding characteristics and others data

Literal question

Warehouse Yes No

Interviewer instructions

(Circle all applicable)

Air drum (Airdrum)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 14263 (9034925) |
| Format: numeric | Invalid: 111 (52601.6) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.9 (2) |
| | Standard deviation: 0.3 (0.2) |

Pre question

Which of the following do you use to store your farm produce?

Literal question

Air Drum Yes No

Interviewer instructions

(Circle all applicable)

Other storage facility (Othstor)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 14263 (9034925) |
| Format: numeric | Invalid: 111 (52601.6) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.7 (1.7) |
| | Standard deviation: 0.5 (0.5) |

Pre question

Which of the following do you use to store your farm produce?

Literal question

Other storage Facility Yes No

Interviewer instructions

(Circle all applicable)

Traditional (Traditio)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 14263 (9034925) |
| Format: numeric | Invalid: 111 (52601.6) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.1 (1.1) |
| | Standard deviation: 0.3 (0.4) |

Pre question

Traditional (Traditio)

File: Holding characteristics and others data

How do you preserve your commodities?

Literal question

Traditional Yes No

Interviewer instructions

(Circle all applicable)

Chemical (Chemica)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 14263 (9034925) |
| Format: numeric | Invalid: 111 (52601.6) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.9 (1.9) |
| | Standard deviation: 0.3 (0.3) |

Pre question

How do you preserve your commodities?

Literal question

Chemical Yes No

Interviewer instructions

(Circle all applicable)

Other preservation (Othpre)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 14263 (9034925) |
| Format: numeric | Invalid: 111 (52601.6) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.2 (0.2) |

Pre question

How do you preserve your commodities?

Literal question

Other preservation Yes No

Interviewer instructions

(Circle all applicable)

Self made (Selfmad)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 14263 (9034925) |
| Format: numeric | Invalid: 111 (52601.6) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.1 (1.1) |
| | Standard deviation: 0.4 (0.4) |

Self made (Selfmad)

File: Holding characteristics and others data

Pre question

Which of the following is your source of obtaining storage and processing facilities?

Literal question

Self made Yes No

Interviewer instructions

(Circle all applicable)

Government (Govern)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 14263 (9034925) |
| Format: numeric | Invalid: 111 (52601.6) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.1 (0.2) |

Pre question

Which of the following is your source of obtaining storage and processing facilities?

Literal question

Government Yes No

Interviewer instructions

(Circle all applicable)

Cooperative (Coopert)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 14263 (9034925) |
| Format: numeric | Invalid: 111 (52601.6) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.1 (0.1) |

Pre question

Which of the following is your source of obtaining storage and processing facilities?

Literal question

Cooperative Yes No

Interviewer instructions

(Circle all applicable)

Other sources (Othsou)

File: Holding characteristics and others data

Overview

Other sources (Othsou)

File: Holding characteristics and others data

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 14263 (9034925) |
| Format: numeric | Invalid: 111 (52601.6) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.9 (1.9) |
| | Standard deviation: 0.3 (0.3) |

Pre question

Which of the following is your source of obtaining storage and processing facilities?

Literal question

Other sources Yes No

Interviewer instructions

(Circle all applicable)

Mortar (Mortar)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14262 (9034291.9) |
| Format: numeric | Invalid: 112 (53234.7) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.5 (1.5) |
| | Standard deviation: 0.5 (0.5) |

Pre question

Which of the following do you use as processing facilities?

Literal question

Mortar Yes No

Interviewer instructions

(Circle all applicable)

Threshing on the rock (Thresh)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14262 (9034291.9) |
| Format: numeric | Invalid: 112 (53234.7) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.8 (1.8) |
| | Standard deviation: 0.4 (0.4) |

Pre question

Which of the following do you use as processing facilities?

Literal question

Threshing on the rock Yes No

Interviewer instructions

(Circle all applicable)

Grain mill (Grainm)

File: Holding characteristics and others data

Grain mill (Grainm)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14262 (9034291.9) |
| Format: numeric | Invalid: 112 (53234.7) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.2 (0.2) |

Pre question

Which of the following do you use as processing facilities?

Literal question

Grain mill Yes No

Interviewer instructions

(Circle all applicable)

Oil mill (Oilmil)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14262 (9034291.9) |
| Format: numeric | Invalid: 112 (53234.7) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.9 (1.9) |
| | Standard deviation: 0.3 (0.2) |

Pre question

Which of the following do you use as processing facilities?

Literal question

Oil mill Yes No

Interviewer instructions

(Circle all applicable)

Peeling machine (Peelin)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14262 (9034291.9) |
| Format: numeric | Invalid: 112 (53234.7) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.9 (1.9) |
| | Standard deviation: 0.3 (0.3) |

Pre question

Which of the following do you use as processing facilities?

Literal question

Peeling machine Yes No

Interviewer instructions

(Circle all applicable)

Grinding machine (Grindma)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14262 (9034291.9) |
| Format: numeric | Invalid: 112 (53234.7) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.9 (1.8) |
| | Standard deviation: 0.3 (0.4) |

Pre question

Which of the following do you use as processing facilities?

Literal question

Grinding machine Yes No

Interviewer instructions

(Circle all applicable)

Pressing machine (Presma)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14262 (9034291.9) |
| Format: numeric | Invalid: 112 (53234.7) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.9 (1.9) |
| | Standard deviation: 0.2 (0.2) |

Pre question

Which of the following do you use as processing facilities?

Literal question

Pressing machine Yes No

Interviewer instructions

(Circle all applicable)

Other facilities (Othpro)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14262 (9034291.9) |
| Format: numeric | Invalid: 112 (53234.7) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 3 |
| Range: 1-3 | Mean: 1.8 (1.8) |
| | Standard deviation: 0.4 (0.4) |

Pre question

Which of the following do you use as processing facilities?

Literal question

Other facilities Yes No

Interviewer instructions

(Circle all applicable)

Total number (Totnum)

File: Holding characteristics and others data

Overview

| | |
|------------------|-------------------------------|
| Type: Continuous | Valid cases: 14088 (8875136) |
| Format: numeric | Invalid: 286 (212390.6) |
| Width: 2 | Minimum: 0 |
| Decimals: 0 | Maximum: 37 |
| Range: 0-37 | Mean: 2.9 (3) |
| | Standard deviation: 2.1 (2.1) |

Pre question

How many people regularly work on your farm?

Literal question

Total number

Interviewer instructions

(Give details of the workers as stated here)

Total male (Totmale)

File: Holding characteristics and others data

Overview

| | |
|------------------|--------------------------------|
| Type: Continuous | Valid cases: 13968 (8803744.3) |
| Format: numeric | Invalid: 406 (283782.4) |
| Width: 2 | Minimum: 0 |
| Decimals: 0 | Maximum: 40 |
| Range: 0-40 | Mean: 2.3 (2.4) |
| | Standard deviation: 1.8 (1.9) |

Pre question

How many people regularly work on your farm?

Literal question

Total male

Interviewer instructions

(Give details of the workers as stated here)

Total female (Totfema)

File: Holding characteristics and others data

Overview

| | |
|------------------|-------------------------------|
| Type: Continuous | Valid cases: 10917 (6439694) |
| Format: numeric | Invalid: 3457 (2647832.7) |
| Width: 2 | Minimum: 0 |
| Decimals: 0 | Maximum: 30 |
| Range: 0-30 | Mean: 0.9 (0.8) |
| | Standard deviation: 1.1 (1.1) |

Pre question

How many people regularly work on your farm?

Literal question

Total Female

Interviewer instructions

(Give details of the workers as stated here)

Market channels (Mktchan)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 13787 (8690645.8) |
| Format: numeric | Invalid: 587 (396880.9) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 8 |
| Range: 1-8 | |

Pre question

Where do you mainly sell your products?

Literal question

Market Channels

Interviewer instructions

Tick as Applicable

Sales outlet (Sales)

File: Holding characteristics and others data

Overview

| | |
|------------------|-------------------------------|
| Type: Continuous | Valid cases: 13339 (8063604) |
| Format: numeric | Invalid: 1035 (1023922.6) |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 6 |
| Range: 0-6 | Mean: 2.3 (2.3) |
| | Standard deviation: 1.4 (1.4) |

Pre question

Where do you mainly sell your products?

Literal question

Sales Outlet

Interviewer instructions

Tick as Applicable

Use of fertilizer (Usefert)

File: Holding characteristics and others data

Overview

| | |
|------------------|-------------------------------|
| Type: Continuous | Valid cases: 14249 (9014892) |
| Format: numeric | Invalid: 125 (72634.7) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.8 (1.7) |
| | Standard deviation: 0.4 (0.5) |

Pre question

Have you used fertilizer on any of your agricultural export crops farms this season?

Literal question

Use of Fertilizer Yes No

No. Of farm (Nofarmf)

File: Holding characteristics and others data

Overview

No. Of farm (Nofarmf)**File: Holding characteristics and others data**

| | |
|------------------|-------------------------------|
| Type: Continuous | Valid cases: 2817 (2684189.8) |
| Format: numeric | Invalid: 11557 (6403336.9) |
| Width: 2 | Minimum: 0 |
| Decimals: 0 | Maximum: 22 |
| Range: 0-22 | Mean: 1.8 (1.8) |
| | Standard deviation: 1.1 (1.1) |

Literal question

No. of Farm

No. Of farm treated with fertilizer (Treated)**File: Holding characteristics and others data****Overview**

| | |
|------------------|-------------------------------|
| Type: Continuous | Valid cases: 2797 (2667373.7) |
| Format: numeric | Invalid: 11577 (6420153) |
| Width: 2 | Minimum: 0 |
| Decimals: 0 | Maximum: 6 |
| Range: 0-6 | Mean: 1.6 (1.6) |
| | Standard deviation: 0.9 (0.9) |

Pre question

Indicate the total number of farms treated with fertilizer

Literal question

No. of Farm Treated with Fertilizer

No. Of farm not treated with fertilizer (Untreat)**File: Holding characteristics and others data****Overview**

| | |
|------------------|-------------------------------|
| Type: Continuous | Valid cases: 1676 (1569823.7) |
| Format: numeric | Invalid: 12698 (7517703) |
| Width: 2 | Minimum: 0 |
| Decimals: 0 | Maximum: 6 |
| Range: 0-6 | Mean: 0.3 (0.3) |
| | Standard deviation: 0.7 (0.7) |

Pre question

Indicate the total number of farms not treated with fertilizer

Literal question

No. of Farm Not Treated with Fertilizer

Chemical only (Chemonl)**File: Holding characteristics and others data****Overview**

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 3128 (3090129.2) |
| Format: numeric | Invalid: 11246 (5997397.4) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.3 (1.4) |
| | Standard deviation: 0.5 (0.5) |

Pre question

What type of fertilizer have you used?

Literal question

Chemical only (Chemonl)

File: Holding characteristics and others data

(a) Chemical fertilizer only

Farm yard (Farmya)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 3126 (3090129.2) |
| Format: numeric | Invalid: 11248 (5997397.4) |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.9 (1.9) |
| | Standard deviation: 0.3 (0.3) |

Pre question

What type of fertilizer have you used?

Literal question

(b) Farm yard manure only

Chemical/manure (Chemman)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 3126 (3090129.2) |
| Format: numeric | Invalid: 11248 (5997397.4) |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 3 |
| Range: 1-2 | Mean: 1.8 (1.7) |
| | Standard deviation: 0.4 (0.5) |

Pre question

What type of fertilizer have you used?

Literal question

(c) Chemical / Manure (combined)

Ministry (Ministr)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 3147 (3101138.9) |
| Format: numeric | Invalid: 11227 (5986387.8) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.9 (1.9) |
| | Standard deviation: 0.2 (0.3) |

Pre question

What is your source of supply?

Literal question

(a) Ministry (Extension services) Yes No.

Interviewer instructions

(Circle all applicable)

Agro service (Agroser)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 3147 (3101138.9) |
| Format: numeric | Invalid: 11227 (5986387.8) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.1 (0.1) |

Pre question

What is your source of supply?

Literal question

(b) Agro services centers Yes No.

Interviewer instructions

(Circle all applicable)

Farm service (Farmser)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 3147 (3101138.9) |
| Format: numeric | Invalid: 11227 (5986387.8) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.2 (0.2) |

Pre question

What is your source of supply?

Literal question

(c) Farm service center Yes No.

Interviewer instructions

(Circle all applicable)

Cooperative (Coopn)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 3147 (3101138.9) |
| Format: numeric | Invalid: 11227 (5986387.8) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.2 (0.1) |

Pre question

What is your source of supply?

Literal question

(d) Cooperative society Yes No.

Interviewer instructions

(Circle all applicable)

Local market (Locamkt)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 3147 (3101138.9) |
| Format: numeric | Invalid: 11227 (5986387.8) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.3 (1.3) |
| | Standard deviation: 0.5 (0.5) |

Pre question

What is your source of supply?

Literal question

(e) Local market Yes No.

Interviewer instructions

(Circle all applicable)

Other source (Othersp)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 3148 (3101263.5) |
| Format: numeric | Invalid: 11226 (5986263.2) |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.8 (1.8) |
| | Standard deviation: 0.4 (0.4) |

Pre question

What is your source of supply?

Literal question

Others (specify) Yes No.

Interviewer instructions

(Circle all applicable)

Farms used fertilizer (Howfarf)

File: Holding characteristics and others data

Overview

| | |
|------------------|-------------------------------|
| Type: Continuous | Valid cases: 3082 (3046122) |
| Format: numeric | Invalid: 11292 (6041404.7) |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 4 |
| Range: 0-4 | Mean: 2 (2) |
| | Standard deviation: 0.8 (0.7) |

Quantity of urea (Ureaqty)

File: Holding characteristics and others data

Overview

Quantity of urea (Ureaqty)

File: Holding characteristics and others data

| | |
|------------------|-----------------------------------|
| Type: Continuous | Valid cases: 1422 (1677079.7) |
| Format: numeric | Invalid: 12952 (7410447) |
| Width: 6 | Minimum: 0 |
| Decimals: 2 | Maximum: 8400 |
| Range: 0-8400 | Mean: 75.2 (65.5) |
| | Standard deviation: 300.8 (331.1) |

Pre question

Indicate the type(s) of fertilizer quantity.

Literal question

Quantity of Urea Quantity in Kilograms

Quantity of npk (Npkqty)

File: Holding characteristics and others data

Overview

| | |
|------------------|-----------------------------------|
| Type: Continuous | Valid cases: 1787 (1776179.1) |
| Format: numeric | Invalid: 12587 (7311347.6) |
| Width: 6 | Minimum: 0 |
| Decimals: 2 | Maximum: 2500 |
| Range: 0-2500 | Mean: 73 (55.3) |
| | Standard deviation: 154.7 (140.4) |

Pre question

Indicate the type(s) of fertilizer quantity.

Literal question

Quantity of NPK in kilograms

Quantity of ssph (Ssphqty)

File: Holding characteristics and others data

Overview

| | |
|------------------|-----------------------------------|
| Type: Continuous | Valid cases: 525 (565091.1) |
| Format: numeric | Invalid: 13849 (8522435.6) |
| Width: 6 | Minimum: 0 |
| Decimals: 2 | Maximum: 5000 |
| Range: 0-5000 | Mean: 116.6 (102.6) |
| | Standard deviation: 270.1 (143.3) |

Pre question

Indicate the type(s) of fertilizer quantity.

Literal question

Quantity of SSPH in kilograms

Quantity of poph (Pophqty)

File: Holding characteristics and others data

Overview

| | |
|------------------|----------------------------------|
| Type: Continuous | Valid cases: 54 (18414.6) |
| Format: numeric | Invalid: 14320 (9069112) |
| Width: 6 | Minimum: 0 |
| Decimals: 2 | Maximum: 3950 |
| Range: 0-3950 | Mean: 161.1 (58.6) |
| | Standard deviation: 551.9 (78.5) |

Pre question

Quantity of poph (Pophqty)

File: Holding characteristics and others data

Indicate the type(s) of fertilizer quantity.

Literal question

Quantity of POPH in kilograms

Quantity of other fertilizer (Othqty)

File: Holding characteristics and others data

Overview

| | |
|------------------|------------------------------------|
| Type: Continuous | Valid cases: 142 (138639.5) |
| Format: numeric | Invalid: 14232 (8948887.2) |
| Width: 6 | Minimum: 0 |
| Decimals: 2 | Maximum: 9999 |
| Range: 0-9999 | Mean: 193.6 (218.6) |
| | Standard deviation: 995.8 (1064.8) |

Pre question

Indicate the type(s) of fertilizer quantity.

Literal question

Quantity of Other Fertilizer in kilograms

Doubtful of its usefulness (Doubtf)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 13221 (8033407.1) |
| Format: numeric | Invalid: 1153 (1054119.6) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.2 (0.2) |

Pre question

What is your reason for not using fertilizer?

Literal question

Doubtful of its Usefulness Yes No

Interviewer instructions

(Circle all applicable)

Costly (Costlyf)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 13221 (8033193.4) |
| Format: numeric | Invalid: 1153 (1054333.3) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.6 (1.6) |
| | Standard deviation: 0.5 (0.5) |

Pre question

What is your reason for not using fertilizer?

Literal question

Costly Yes No

Costly (Costlyf)

File: Holding characteristics and others data

Interviewer instructions

(Circle all applicable)

Dont know how to use it (Dknowhf)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 13220 (8031324.4) |
| Format: numeric | Invalid: 1154 (1056202.3) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.9 (1.9) |
| | Standard deviation: 0.3 (0.3) |

Pre question

What is your reason for not using fertilizer?

Literal question

Dont Know How to Use it Yes No

Interviewer instructions

(Circle all applicable)

Dont know how its usefulness (Dknowuf)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 13220 (8031324.4) |
| Format: numeric | Invalid: 1154 (1056202.3) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.2 (0.2) |

Pre question

What is your reason for not using fertilizer?

Literal question

Dont Know How its Usefulness Yes No

Interviewer instructions

(Circle all applicable)

Never heard of it (Neverhf)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 13220 (8031324.4) |
| Format: numeric | Invalid: 1154 (1056202.3) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.1 (0.1) |

Pre question

What is your reason for not using fertilizer?

Literal question

Never heard of it (Neverhf)

File: Holding characteristics and others data

Never Heard of it Yes No

Interviewer instructions

(Circle all applicable)

Don't need it (Dneeditf)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 13220 (8031324.4) |
| Format: numeric | Invalid: 1154 (1056202.3) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.7 (1.7) |
| | Standard deviation: 0.5 (0.4) |

Pre question

What is your reason for not using fertilizer?

Literal question

Don't Need it Yes No

Interviewer instructions

(Circle all applicable)

Others not specified (Othnotf)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 13220 (8031324.4) |
| Format: numeric | Invalid: 1154 (1056202.3) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.1 (0.1) |

Pre question

What is your reason for not using fertilizer?

Literal question

Others not specified Yes No

Interviewer instructions

(Circle all applicable)

Pesticide (Pestic)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14253 (9011959.8) |
| Format: numeric | Invalid: 121 (75566.9) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.8 (1.9) |
| | Standard deviation: 0.4 (0.3) |

Pre question

Have you used pesticides, insecticides and/or herbicides on any of your agricultural export crop farms this agricultural season?

Pesticide (Pestic)

File: Holding characteristics and others data

Literal question

Pesticide Yes No.

No. Of farms (Nofarmp)

File: Holding characteristics and others data

Overview

| | |
|------------------|-------------------------------|
| Type: Continuous | Valid cases: 2021 (1100484.8) |
| Format: numeric | Invalid: 12353 (7987041.9) |
| Width: 2 | Minimum: 0 |
| Decimals: 0 | Maximum: 31 |
| Range: 1-31 | Mean: 1.6 (1.8) |
| | Standard deviation: 1.2 (1.1) |

Pre question

Indicate the total number of farms treated and not treated with pesticides, insecticides and herbicides.

Literal question

No. of Farms

No. Treated with pesticide (Treatp)

File: Holding characteristics and others data

Overview

| | |
|------------------|-------------------------------|
| Type: Continuous | Valid cases: 2054 (1110263.9) |
| Format: numeric | Invalid: 12320 (7977262.8) |
| Width: 2 | Minimum: 0 |
| Decimals: 0 | Maximum: 11 |
| Range: 0-11 | Mean: 1.4 (1.7) |
| | Standard deviation: 0.8 (1.1) |

Pre question

Indicate the total number of farms treated and not treated with pesticides, insecticides and herbicides.

Literal question

No. treated with Pesticide

No. Not treated with pesticide (Untrtp)

File: Holding characteristics and others data

Overview

| | |
|------------------|-------------------------------|
| Type: Continuous | Valid cases: 1335 (621146.6) |
| Format: numeric | Invalid: 13039 (8466380.1) |
| Width: 2 | Minimum: 0 |
| Decimals: 0 | Maximum: 13 |
| Range: 1-13 | Mean: 0.3 (0.2) |
| | Standard deviation: 0.6 (0.5) |

Pre question

Indicate the total number of farms treated and not treated with pesticides, insecticides and herbicides.

Literal question

No. Not treated with Pesticide

Pesticides 1 (Pest1)

File: Holding characteristics and others data

Overview

| | |
|------------------|-------------------------------|
| Type: Continuous | Valid cases: 2236 (1234755.4) |
| Format: numeric | Invalid: 12138 (7852771.3) |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 7 |
| Range: 0-7 | Mean: 2.4 (2.8) |
| | Standard deviation: 2.3 (2.6) |

Pre question

List Type of pesticides /insecticides/herbicides used.

Literal question

pesticides 1 (Quantity used in kilogram/Litres)
and cost in naira

Pesticides 2 (Pest2)

File: Holding characteristics and others data

Overview

| | |
|------------------|-----------------------------|
| Type: Continuous | Valid cases: 995 (266763.3) |
| Format: numeric | Invalid: 13379 (8820763.4) |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 7 |
| Range: 1-7 | Mean: 3.6 (3.5) |
| | Standard deviation: 2 (2) |

Pre question

List Type of pesticides /insecticides/herbicides used.

Literal question

pesticides 2 (Quantity used in kilogram/Litres)
and cost in naira

Pesticides 3 (Pest3)

File: Holding characteristics and others data

Overview

| | |
|------------------|-------------------------------|
| Type: Continuous | Valid cases: 302 (120273.8) |
| Format: numeric | Invalid: 14072 (8967252.9) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 7 |
| Range: 1-7 | Mean: 4.7 (4.4) |
| | Standard deviation: 1.8 (2.2) |

Pre question

List Type of pesticides /insecticides/herbicides used.

Literal question

pesticides 3 (Quantity used in kilogram/Litres)
and cost in naira

Quantity 1 (Qty1)

File: Holding characteristics and others data

Overview

Quantity 1 (Qty1)

File: Holding characteristics and others data

| | |
|------------------|---------------------------------|
| Type: Continuous | Valid cases: 2241 (1244550.1) |
| Format: numeric | Invalid: 12133 (7842976.6) |
| Width: 3 | Minimum: 1 |
| Decimals: 0 | Maximum: 805 |
| Range: 1-805 | Mean: 8.2 (4.6) |
| | Standard deviation: 33.1 (12.7) |

Pre question

List Type of pesticides /insecticides/herbicides used, quantity(volume).

Literal question

Quantity 1 in kilogram/litres

Quantity 2 (Qty2)

File: Holding characteristics and others data

Overview

| | |
|------------------|---------------------------------|
| Type: Continuous | Valid cases: 994 (267049.4) |
| Format: numeric | Invalid: 13380 (8820477.3) |
| Width: 3 | Minimum: 0 |
| Decimals: 0 | Maximum: 500 |
| Range: 0-500 | Mean: 16.2 (12.6) |
| | Standard deviation: 36.9 (31.2) |

Pre question

List Type of pesticides /insecticides/herbicides used, quantity(volume).

Literal question

Quantity 2 in kilogram/litres

Quantity 3 (Qty3)

File: Holding characteristics and others data

Overview

| | |
|------------------|--------------------------------|
| Type: Continuous | Valid cases: 303 (120725.6) |
| Format: numeric | Invalid: 14071 (8966801.1) |
| Width: 3 | Minimum: 1 |
| Decimals: 0 | Maximum: 150 |
| Range: 1-150 | Mean: 4.7 (3.2) |
| | Standard deviation: 12.4 (6.2) |

Pre question

List Type of pesticides /insecticides/herbicides used, quantity(volume).

Literal question

Quantity in kilogram/litres.

Ministry (Ministp)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 2411 (1404782.6) |
| Format: numeric | Invalid: 11963 (7682744) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.1 (0.1) |

Pre question

Ministry (Ministp)**File: Holding characteristics and others data**

What is your source of supply?

Literal question

(a) Ministry (Extension services).

Interviewer instructions

(Circle all applicable)

Agro service (Agrosp)**File: Holding characteristics and others data****Overview**

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 2412 (1404836.9) |
| Format: numeric | Invalid: 11962 (7682689.8) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.2 (0.1) |

Pre question

What is your source of supply?

Literal question

(b) Agro services centers.

Interviewer instructions

(Circle all applicable)

Farm service (Farmsp)**File: Holding characteristics and others data****Overview**

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 2412 (1404836.9) |
| Format: numeric | Invalid: 11962 (7682689.8) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.9 (2) |
| | Standard deviation: 0.2 (0.2) |

Pre question

What is your source of supply?

Literal question

(c) Farm service center.

Interviewer instructions

(Circle all applicable)

Cooperative (Coopsp)**File: Holding characteristics and others data****Overview**

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 2412 (1404836.9) |
| Format: numeric | Invalid: 11962 (7682689.8) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.9 (2) |
| | Standard deviation: 0.3 (0.2) |

Cooperative (Coopsp)

File: Holding characteristics and others data

Literal question

(d) Cooperative society.

Interviewer instructions

(Circle all applicable)

Local market (Lomktp)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 2412 (1404836.9) |
| Format: numeric | Invalid: 11962 (7682689.8) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.3 (1.2) |
| | Standard deviation: 0.4 (0.4) |

Pre question

What is your source of supply?

Literal question

(e) Local market.

Interviewer instructions

(Circle all applicable)

Other source (Othesp)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 2412 (1404836.9) |
| Format: numeric | Invalid: 11962 (7682689.8) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 3 |
| Range: 1-3 | Mean: 2 (2) |
| | Standard deviation: 0.2 (0.1) |

Pre question

What is your source of supply?

Literal question

Others (specify)

Interviewer instructions

(Circle all applicable)

How far to get your pesticides (Howfarp)

File: Holding characteristics and others data

Overview

| | |
|------------------|-------------------------------|
| Type: Continuous | Valid cases: 2370 (1357457.5) |
| Format: numeric | Invalid: 12004 (7730069.2) |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 4 |
| Range: 1-4 | Mean: 2.3 (2.3) |
| | Standard deviation: 0.9 (0.8) |

Pre question

How far to get your pesticides (Howfarp)

File: Holding characteristics and others data

How far do you usually go to obtain your pesticides/insecticides? (circle all applicable)

- (a) Within the locality
- (b) Outside the locality but less than 10km
- (c) More than 10 km but less than 50 km
- 50 km and above

Literal question

How far to get your pesticides?

Interviewer instructions

(circle all applicable)

Doubtful of its usefulness (Doubtp)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 12188 (7934889.8) |
| Format: numeric | Invalid: 2186 (1152636.9) |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.2 (0.2) |

Pre question

What is your main reason for not using insecticide/pesticides/herbicides?

Literal question

- (a) Doubtful of its Usefulness Yes No

Interviewer instructions

(circle all applicable)

Costly (Costlyp)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 12183 (7934372) |
| Format: numeric | Invalid: 2191 (1153154.7) |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 2 |
| Range: 0-2 | Mean: 1.6 (1.6) |
| | Standard deviation: 0.5 (0.5) |

Pre question

What is your main reason for not using insecticide/pesticides/herbicides?

Literal question

- (b) Too costly to obtain Yes No

Interviewer instructions

(circle all applicable)

Too far to purchase (Fartop)

File: Holding characteristics and others data

Overview

Too far to purchase (Fartop)

File: Holding characteristics and others data

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 12181 (7934317.7) |
| Format: numeric | Invalid: 2193 (1153209) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.9 (1.9) |
| | Standard deviation: 0.2 (0.2) |

Pre question

What is your main reason for not using insecticide/pesticides/herbicides?

Literal question

(c) Too far to purchase Yes No

Interviewer instructions

(circle all applicable)

Dont know how to use it (Dknowhp)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 12181 (7934317.7) |
| Format: numeric | Invalid: 2193 (1153209) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.9 (1.9) |
| | Standard deviation: 0.3 (0.3) |

Pre question

What is your main reason for not using insecticide/pesticides/herbicides?

Literal question

(d) Don't know how to use it Yes No

Interviewer instructions

(circle all applicable)

Dont know how its usefulness (Dknowup)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 12181 (7934317.7) |
| Format: numeric | Invalid: 2193 (1153209) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.2 (0.2) |

Pre question

What is your main reason for not using insecticide/pesticides/herbicides?

Literal question

(e) Dont Know how to Use it Yes No

Interviewer instructions

(circle all applicable)

Never heard of it (Neverhp)

File: Holding characteristics and others data

Never heard of it (Neverhp)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 12181 (7934317.7) |
| Format: numeric | Invalid: 2193 (1153209) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.2 (0.2) |

Pre question

What is your main reason for not using insecticide/pesticides/herbicides?

Literal question

(f) Never heard of it Yes No

Interviewer instructions

(circle all applicable)

Don't need it (Dneeditp)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 12179 (7934317.7) |
| Format: numeric | Invalid: 2195 (1153209) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.6 (1.7) |
| | Standard deviation: 0.5 (0.5) |

Pre question

What is your main reason for not using insecticide/pesticides/herbicides?

Literal question

(g) Don't need it Yes No

Interviewer instructions

(circle all applicable)

Others not specified (Othnotp)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 12182 (7940497.6) |
| Format: numeric | Invalid: 2192 (1147029) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 3 |
| Range: 1-3 | Mean: 2 (2) |
| | Standard deviation: 0.1 (0.1) |

Pre question

What is your main reason for not using insecticide/pesticides/herbicides?

Literal question

Others (specify) Yes No

Interviewer instructions

(circle all applicable)

Improved seed/seedling (Imprseed)

File: Holding characteristics and others data

Overview

| | |
|------------------|--------------------------------|
| Type: Continuous | Valid cases: 14257 (9021901.4) |
| Format: numeric | Invalid: 117 (65625.2) |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 2 |
| Range: 0-2 | Mean: 2 (2) |
| | Standard deviation: 0.2 (0.2) |

Pre question

Have you used improved seedling/seed on any of your farms this agricultural season?

Literal question

Improved seed/seedling Yes No

Ministry (Minists)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 1214 (839940) |
| Format: numeric | Invalid: 13160 (8247586.7) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.8 (1.9) |
| | Standard deviation: 0.4 (0.3) |

Pre question

What are your sources of supply ?

Literal question

(a) Ministry (Extension services) Yes No

Interviewer instructions

(circle all applicable)

Agro service (Agross)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 194 (195124.7) |
| Format: numeric | Invalid: 14180 (8892401.9) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.2 (0.1) |

Pre question

What are your sources of supply ?

Literal question

(b) Agro services center Yes No

Interviewer instructions

(circle all applicable)

Farm service (Farmss)

File: Holding characteristics and others data

Overview

Farm service (Farmss)

File: Holding characteristics and others data

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

Valid cases: 193 (194671)
Invalid: 14181 (8892855.7)
Minimum: 1
Maximum: 2
Mean: 2 (2)
Standard deviation: 0.1 (0.1)

Pre question

What are your sources of supply ?

Literal question

(c) Farm service center Yes No

Interviewer instructions

(circle all applicable)

Cooperative (Coopss)

File: Holding characteristics and others data

Overview

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

Valid cases: 193 (194671)
Invalid: 14181 (8892855.7)
Minimum: 1
Maximum: 2
Mean: 1.8 (1.7)
Standard deviation: 0.4 (0.4)

Pre question

What are your sources of supply ?

Literal question

(d) Cooperative society Yes No

Interviewer instructions

(circle all applicable)

Local market (Lomkts)

File: Holding characteristics and others data

Overview

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

Valid cases: 193 (194671)
Invalid: 14181 (8892855.7)
Minimum: 1
Maximum: 2
Mean: 1.5 (1.5)
Standard deviation: 0.5 (0.5)

Pre question

What are your sources of supply ?

Literal question

(e) Local market Yes No

Interviewer instructions

(circle all applicable)

Other source (Othess)

File: Holding characteristics and others data

Other source (Othess)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 193 (194671) |
| Format: numeric | Invalid: 14181 (8892855.7) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.2 (0.2) |

Pre question

What are your sources of supply ?

Literal question

Others (specify) Yes No

Interviewer instructions

(circle all applicable)

How far to get your seed/seedling (Howfars)

File: Holding characteristics and others data

Overview

| | |
|------------------|-------------------------------|
| Type: Continuous | Valid cases: 187 (177734.2) |
| Format: numeric | Invalid: 14187 (8909792.4) |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 4 |
| Range: 0-4 | Mean: 1.6 (1.7) |
| | Standard deviation: 0.7 (0.6) |

Pre question

How far do you go to obtain improved seedlings/seed? (circle only one)

- (a) Within Locality
- (b) Outside Locality but less than 10 km
- (c) More than 10 km but less than 50 km
- 50 km and above

Literal question

How far to get your seed/seedling?

Interviewer instructions

(circle only one option)

Doubtful of its usefulness (Doubts)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 4731 (2717310) |
| Format: numeric | Invalid: 9643 (6370216.7) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.2 (0.2) |

Pre question

What is your reason for not using improved seedling?

Literal question

- (a) Doubt its effectiveness Yes No

Costly (Costlys)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 4731 (2717310) |
| Format: numeric | Invalid: 9643 (6370216.7) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 3 |
| Range: 1-2 | Mean: 1.7 (1.6) |
| | Standard deviation: 0.5 (0.5) |

Pre question

What is your reason for not using improved seedling?

Literal question

(b) Too costly to obtain Yes No

Too far to purchase (Fartos)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 4731 (2717310) |
| Format: numeric | Invalid: 9643 (6370216.7) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.9 (2) |
| | Standard deviation: 0.2 (0.2) |

Pre question

What is your reason for not using improved seedling?

Literal question

(c) Too far to obtain Yes No

Dont know how to use it (Dknowhs)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 4731 (2717310) |
| Format: numeric | Invalid: 9643 (6370216.7) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.9 (1.9) |
| | Standard deviation: 0.3 (0.3) |

Pre question

What is your reason for not using improved seedling?

Literal question

(e) Don't know how to use it Yes No

Dont know how its usefulness (Dknowus)

File: Holding characteristics and others data

Overview

Dont know how its usefulness (Dknowus)

File: Holding characteristics and others data

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 4731 (2717310) |
| Format: numeric | Invalid: 9643 (6370216.7) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.2 (0.2) |

Pre question

What is your reason for not using improved seedling?

Literal question

(e) Dont Know How its Usefulness Yes No

Never heard of it (Neverhs)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 4731 (2717310) |
| Format: numeric | Invalid: 9643 (6370216.7) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.1 (0.2) |

Pre question

What is your reason for not using improved seedling?

Literal question

(f) Never heard of it Yes No

Don't need it (Dneedits)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 4731 (2717310) |
| Format: numeric | Invalid: 9643 (6370216.7) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 2 |
| Range: 1-2 | Mean: 1.6 (1.7) |
| | Standard deviation: 0.5 (0.4) |

Pre question

What is your reason for not using improved seedling?

Literal question

(g) Don't need it Yes No

Others not specified (Othnots)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 4729 (2717096.4) |
| Format: numeric | Invalid: 9645 (6370430.3) |
| Width: 1 | Minimum: 1 |
| Decimals: 0 | Maximum: 3 |
| Range: 1-2 | Mean: 2 (2) |
| | Standard deviation: 0.1 (0.1) |

Pre question

Others not specified (Othnots)

File: Holding characteristics and others data

What is your reason for not using improved seedling?

Literal question

Others (specify) Yes No

Pophkqty (Pophkqty)

File: Holding characteristics and others data

Overview

| | |
|------------------|------------------------------|
| Type: Continuous | Valid cases: 2 (144.4) |
| Format: numeric | Invalid: 14372 (9087382.3) |
| Width: 8 | Minimum: 2 |
| Decimals: 2 | Maximum: 20 |
| Range: 2-20 | Mean: 11 (11) |
| | Standard deviation: 12.7 (9) |

Literal question

Poultry kept

Tenure pattern (Tenure)

File: Holding characteristics and others data

Overview

| | |
|-----------------|-------------------------------|
| Type: Discrete | Valid cases: 3802 (2246768.5) |
| Format: numeric | Invalid: 10572 (6840758.1) |
| Width: 8 | Minimum: 0 |
| Decimals: 0 | Maximum: 5 |
| Range: 1-5 | |

Literal question

The Tenure Pattern used?

- 1 Ownerlike
- 2 Squatter
- 3 Rented
- 4 Family Land
- 5 Others

Identification (Hid1)

File: Holding characteristics and others data

Overview

| | |
|---------------------------------|------------------------------------|
| Type: Continuous | Valid cases: 14372 |
| Format: numeric | Invalid: 2 |
| Width: 8 | Minimum: 10001160011 |
| Decimals: 0 | Maximum: 370003821131 |
| Range: 10001160011-370003821131 | Mean: 179397439522.5 |
| | Standard deviation: 105320731241.1 |

Description

The group variables for the identification.

Change (Change)

File: Holding characteristics and others data

Change (Change)

File: Holding characteristics and others data

Overview

| | |
|------------------|-----------------------------|
| Type: Continuous | Valid cases: 219 (162424.2) |
| Format: numeric | Invalid: 14155 (8925102.5) |
| Width: 8 | Minimum: 1 |
| Decimals: 0 | Maximum: 1 |
| Range: 1-1 | Mean: 1 (1) |
| | Standard deviation: 0 (0) |

Literal question

change in stocks

Transportation (Transpo)

File: Holding characteristics and others data

Overview

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14018 (8866243.3) |
| Format: numeric | Invalid: 356 (221283.4) |
| Width: 8 | Minimum: 0 |
| Decimals: 0 | Maximum: 7 |
| Range: 1-7 | |

Literal question

The category of transport used?

- 1 Truck/Pickup/Vans
- 2 Motor Cycle
- 3 Bicycle
- 4 Boats/Engine Boats
- 5 Donkey/Camel
- 6 Head Carrier
- 7 Others

Plough (Plough)

File: Holding characteristics and others data

Overview

| | |
|-----------------|------------------------------|
| Type: Discrete | Valid cases: 14166 (8958016) |
| Format: numeric | Invalid: 208 (129510.6) |
| Width: 8 | Minimum: 1 |
| Decimals: 0 | Maximum: 5 |
| Range: 1-5 | |

Literal question

The category of Plough used?

- 1 Hoes
- 2 Cutlass
- 3 Animal
- 4 Motor
- 5 Others

Harvesting (Harves)

File: Holding characteristics and others data

Overview

Harvesting (Harves)

File: Holding characteristics and others data

| | |
|-----------------|--------------------------------|
| Type: Discrete | Valid cases: 14096 (8902077.9) |
| Format: numeric | Invalid: 278 (185448.7) |
| Width: 8 | Minimum: 1 |
| Decimals: 0 | Maximum: 4 |
| Range: 1-4 | |

Literal question

The category of Harvesting instrument used?

- 1 Hoes
- 2 Cutlass
- 3 Combined Harvester
- 4 Others

Raising factor (Rf)

File: Holding characteristics and others data

Overview

| | |
|------------------|-------------------------|
| Type: Continuous | Valid cases: 13609 |
| Format: numeric | Invalid: 765 |
| Width: 8 | Minimum: 8.6 |
| Decimals: 2 | Maximum: 15355 |
| Range: 8.6-15355 | Mean: 667.8 |
| | Standard deviation: 948 |

Related Materials

Questionnaires

National Survey of Agricultural Export Commodities 2003 Questionnaire

| | |
|-------------------|--|
| Title | National Survey of Agricultural Export Commodities 2003 Questionnaire |
| subtitle | AGREXP-2003 Questionnaire |
| Author(s) | National Bureau of Statistics (NBS) |
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| Filename | docu/Questnnnaire_Agric-export_2003_pilot_.pdf |

Reports

National Survey of Agricultural Export Commodities 2003 Report

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| Title | National Survey of Agricultural Export Commodities 2003 Report |
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| Description | The section contains the Export 2003 report |

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| Filename | docu/Report Agricexport-2003.pdf |

Other materials

National Survey of Agricultural Export Commodities 2003 Data and Programs

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National Survey of Agricultural Export Commodities 2003 Tables

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