Season Agriculture Survey 2019

National Institute of Statistics of Rwanda

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Identification

SURVEY ID NUMBER
RWA_2019_SAS_v01_M

TITLE
Season Agriculture Survey 2019

COUNTRY

Name	Country code
Rwanda	RWA

STUDY TYPE
Agricultural Census [ag/census]

SERIES INFORMATION
The Seasonal Agriculture Survey (SAS) is a study conducted annually by the National Institute of Statistics of Rwanda from November to September of the following year to gather up-to-date information for monitoring progress on agriculture programs and policies in Rwanda.

The SAS 2019 covered three agricultural seasons:
- Agricultural Season A: starts from September 2018 to February 2019;
- Agricultural Season B: starts from March to June 2019; and
- Agricultural Season C: starts from July to august 2019.

ABSTRACT
The main objective of the Seasonal Agricultural Survey is to provide timely, accurate, reliable and comprehensive agricultural statistics that describe the structure of agriculture in Rwanda mainly in terms of land use, crop area, yield and crop production to monitor current agricultural and food supply conditions and to facilitate evidence-based decision making for the development of the agricultural sector.

In this regard, the National Institute of Statistics of Rwanda conducted the Seasonal Agriculture Survey (SAS) from September 2018 to august 2019 to gather up-to-date information for monitoring progress on agriculture programs and policies. This 2019 SAS covered Main agricultural seasons are Season A (which starts from September to February of the following year) and Season B (which starts from March to June). Season C is the small agricultural season mainly for vegetables and sweet potato grown in swamps and Irish potato grown in volcanic agro-ecological zone and provides data on farm characteristics (area, yield and production), agricultural practices, agricultural inputs and use of crop production

KIND OF DATA
Sample survey data [ssd]

UNIT OF ANALYSIS
This seasonal agriculture survey focused on the following units of analysis: Small scale agricultural farms and large scale farms

Version

VERSION DESCRIPTION
Version 01. Edited, anonymous dataset for public use.

VERSION DATE
2019-12-01

Scope

NOTES

The scope of 2019 Seasonal Agriculture Survey included the following farm characteristics:
- Area, yield, production;
- Use of production, agricultural practices; and
- Agriculture inputs and land tenure).

Coverage

GEOGRAPHIC COVERAGE
National coverage allowing district-level estimation of key indicators

UNIVERSE
The SAS 2019 targeted potential agricultural land and large scale farmers

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
National Institute of Statistics of Rwanda	Ministry of Finance and Economic Planning

PRODUCERS

Name	Affiliation	Role
Ministry of Agriculture and Animal Resources	Government of Rwanda	Technical partner
Rwanda Agricultural Board	Ministry of Agriculture and Animal Resources	Technical partner

FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
Government of Rwanda	GoR	Funder

Sampling

SAMPLING PROCEDURE
Out of 10 strata, only 4 are considered to represent the country land potential for agriculture, and they cover the total area of 1,787,571.2 hectares (ha). Those strata are: 1.0 (tea plantations), 1.1 (intensive agriculture land on hillsides), 2.0 (intensive agriculture land in marshlands) and 3.0 (rangelands). The remainder of land use strata represents all the non-agricultural land in Rwanda. Stratum 1.0, which represents tea plantations, is assumed to be well monitored through administrative records by the National Agriculture Export Board (NAEB), an institution whose main mission is to promote the agriculture export commodities. Thus, SAS is conducted on 3 strata (1.1; 2.0 & 3.0) to cover other major crops. Within district, the agriculture strata (1.1, 2.0 & 3.0) were divided into larger sampling units called first-step or primary sampling units (PSUs) (as shown in Figure 2). Strata 1.1 and 2.0 were divided into PSUs of around 100 ha while stratum 3.0 was divided into PSUs of around 500 ha. After sample size determination, a sample of PSUs was done by systematic sampling method with probability proportional to size, then a given number of PSUs to be selected for each stratum, was assigned in every district. In 2019, the 2018 SAS sample of 780 segments has been kept the same for SAS 2019 in Season A and B.

At first stage, 780 PSUs sampled countrywide were proportionally allocated in different levels of stratification (Hill side, marshland and rangeland strata) for 30 districts of Rwanda, to allow publication of results at district level. Sampled PSUs in each stratum were systematically selected from the frame with probability of selection proportional to the size of the PSU.

At the second stage 780 sampled PSUs were divided into secondary sampling units (SSUs) also called segments. Each segment is estimated to be around 10 ha for strata 1.1 and 2.0 and 50 ha for stratum 3.0 (as shown in Figure 3). For each PSU, only one SSU is selected by random sampling method without replacement. This is why for 2019 5 SAS season A and B, the same number of 780 SSUs was selected. In addition to this, a list frame of large-scale farmers (LSF), with at least 10 hectares of agricultural holdings, was done to complement the area frame just to cover crops mostly grown by large scale farmers and that cannot be easily covered in area frame

At the last sampling stage, in strata 1.1 and 2.0 each segment of an average size of 10 ha (100,000 Square meters) has been divided into around 1,000 grids squares of 100 Sq. meters each, while for stratum 3.0 around 5,000 grids squares of 100 Sq. meters each have been divided. A point was placed at the center of every grid square and named a grid point (A grid point is a geographical location at the center of every grid square). A random sample of 5% of the total grid points were selected in each segment of strata 1.1 and 2.0 whereas a random sample of 2% of total grid points was selected in each segment of stratum 3.0. Grids points are reporting units within a segment, where enumerators go to every grid point, locate and delineate the plots in which the grid falls, and collect records of land use and related information. The recorded information represents the characteristics of the whole segment which are extrapolated to the stratum level and hence the combination of strata within each district provides district area related statistics.

RESPONSE RATE
Data collection was done in 780 segments and 222 large scale farmers holdings for Season A, whereas in Season C data was collected in 232 segments, response rate was 100% of the sample

WEIGHTING
Sampling weights were calculated for each stratum in each district considering the total number of segments in the stratum and the sample size in the specific stratum

data_collection

DATES OF DATA COLLECTION

Start	End	Cycle
2018-12-02	2019-02-09	Season A
2019-05-05	2019-06-23	Season B
2019-09-08	2019-09-27	Season C

DATA COLLECTION MODE
Face-to-face [f2f]

SUPERVISION
The 2019 SAS used 153 fieldworkers and 22 team leaders. All fieldwork staff in 2019 held a degree in Agricultural Sciences and was trained by NISR headquarters staff before starting data collection. Higher level supervision of staff from NISR visited the field teams during each phase of data collection to ensure data quality control. At the bottom of the hierarchy, there are enumerators who would be assisted by a team leader also known as a controller. His/ her main function is to introduce the enumerators to the various key people from the sector to the villages leaders up to operators in the Secondary Sampling Unit (known as Segment), and assist enumerators during the whole course of the survey .

A higher level supervision staff from NISR visited the field teams during each phase of data collection to ensure quality control. Responsibilities of a Team Leader is to manage the interviewers to ensure successful completion and quality of data collected in a given time period for the fieldwork. He/she was expected to record information about the fieldwork, which tracks the status of completion of the work in the field, document problems in the field and solutions taken to resolve these problems. Specifically, his/her tasks included:

1. Introduce the survey and interviewers at local level where the survey is administered;
2. Monitor and attend some interviews and make comments on the worker's performance;
3. Meet frequently with each member of the group to discuss, improve and organize work;
4. Check the availability of all the necessary items before going on field;
5. Help workers to solve the problems they encounter;
6. Manage the team's work schedule;
7. Make sure all the big farmers are identified and surveyed;
8. Communicate with NISR, regarding field issues, as necessary.

DATA COLLECTION NOTES
Data collection is done in two distinct phases: The first Phase, known as screening activity, consists of visiting all sampled segments and delineating all plots in which the sampled grids points are fallen and thereafter recording the related information using screening questionnaire. The second phase consists of visiting the sub-sampled agricultural plots from screened plots in phase one as well as all Large- Scale Farmers having cultivated plots in the season the survey is being conducted. This phase is conducted in the period of harvesting where farmers are requested to provide information about

sowing period and harvesting period, inputs used, agricultural practices done on the plots, the crop production and its use.

For SAS 2019 the NISR employed around 153 field workers and 22 team leaders. Training was provided to all fieldwork personnel on the data collection methodologies associated with the use of GPS for point-sampling and computer tablet questionnaires used for plot data collection and farmer interviews. The tablet computer assisted data collection and interview allowed for very fast and efficient uploading and transfer of the enumerated data from the field to NISR headquarters for processing. The tablet software instruments (electronic version of the paper questionnaires) allowed for instantaneous checking of the respondent data and automatically directed the enumerator questioning to reduce non-sampling errors within the data collection.

DATA COLLECTORS

Name	Abbreviation	Affiliation
National Institute of Statistics of Rwanda	NISR	Ministry of Finance and Economic Planning

questionnaires

QUESTIONNAIRES

There were two types of questionnaires used for this survey namely screening questionnaire and plot questionnaire. A Screening questionnaire was used to collect information that enabled identification of a plot and its land use using the plot questionnaire. For point-sampling, the plot questionnaire is concerned with the collection of data on characteristics of crop identification, crop production and use of production, inputs (seeds, fertilizers and pesticides), agricultural practices and land tenure. All the surveys questionnaires used were published in English

data_processing

DATA EDITING

The CAPI method of data collection allows the enumerators in the field to collect and enter data with their tablets and then synchronize to the server at headquarters where data are received by NISR staff, checked for consistency at NISR and thereafter transmitted to analysts for tabulation using STATA software, and reporting using office Excel and word as well.

Access policy

CONTACTS

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CONFIDENTIALITY

Confidentiality of respondents is guaranteed by low N° 45/2013 OF 16/06/2013 in it's article 17, before being granted access to the dataset , all users have to formally agree: 1. To make no copies of any files or portions of files to which s/he is granted access except those authorized by the data depositor. 2. Not to use any technique in an attempt to learn the identity of ny person, establishment, or sampling unit not identified on public use data files. 3. To hold in strictest confidence the identification of any establishment or individual that may be inadvertently revealed in any documents ordiscussion, oranalysis. Such inadvertent identification revealed in her/his analysis will be immediate brought to the attention of the data.

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2. The data will be used for statistical and scientific research purposes only. They will be used solely for reporting of aggregated information, and not for investigation of specific individuals or organizations.
3. No attempt will be made to re-identify respondents, and no use will be made of the identity of any person or establishment discovered inadvertently. Any such discovery would immediately be reported to the National l Institute of Statistics of Rwanda .
4. No attempt will be made to produce links among datasets provided by the National l Institute of Statistics of Rwanda.

CITATION REQUIREMENTS
National Institute of Statistics of Rwanda (NISR),Seasonal agriculture survey 2019y, December 2019

ACCESS AUTHORITY

Name	Affiliation	Email	URL
National Institute of Statistics of Rwanda	MINECOFIN	info@statistics.gov.rw	www.statistics.gov.rw

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Metadata production

DDI DOCUMENT ID
DDI_RWA_2019_SAS_v01_M

PRODUCERS

Name	Abbreviation	Affiliation	Role
National Institute of Statistics of Rwanda	NISR	Ministry of Finance and Economic Planning	Documentation of the Study
Development Data Group	DECDG	The World Bank	Metadata adapted for World Bank Microdata Library

DATE OF METADATA PRODUCTION
2023-08-02

DDI DOCUMENT VERSION
Version 01 (August 2023): This metadata was downloaded from the Rwanda NISR catalog
(https://microdata.statistics.gov.rw/index.php/catalog) and it is identical to Rwanda NISR version (RWA-NISR-SAS-2019-v0.1).
The following two metadata fields were edited - Document ID and Survey ID.

data_dictionary

Data file	Cases	variables
rwa-sas-seasonA_Crop production	32906	49
rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides	18786	28
rwa-sas-SeasonA_PartIV_Agricultural practice	19805	34
rwa-sas-SeasonA_PartV_Land Tenure	63292	17
rwa-sas-seasonA-Screening	46854	24
rwa-sas-seasonB_Crop production	30493	49
rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides	17637	28
rwa-sas-SeasonB_PartIV_Agricultural practice	19222	34
rwa-sas-SeasonB_PartV_Land Tenure	61548	17
rwa-sas-seasonB-Screening	43411	24
rwa-sas-seasonC_Crop production	1667	49
rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides	1832	27
rwa-sas-SeasonC_PartIV_Agricultural practice	1731	33
rwa-sas-SeasonC_PartV_Land Tenure	5400	16
rwa-sas-seasonC-Screening	8311	24

Data file: rwa-sas-seasonA_Crop production

Cases:	32906
variables:	49

variables

ID	Name	Label	Question
V1	Segment_ID	1.0 Segment identification	
V2	s1q1	1.1 Province	
V3	s1q2	1.2 District	
V4	s1q3	1.3 Stratum	
V5	s1q4	1.4 Segment	
V6	s1q5	1.5. Date of interview	
V7	s2q1	2.1 Plot No.	
V8	s2q2	2.2 Area m2	
V9	s2q3_1	2.3.1 Farmer type	
V10	s2q4	2.4 Cropping system	
V11	s2q5	2.5 Number of main crops in the plot	
V12	s2q6	crop_name	
V13	s2q7	2.7.Developped crop area in ha	
V14	s2q8	2.8. Sowing Date	
V15	s2q9	2.9. Expected period of harvesting	
V16	s2q10	2.10. Type of seeds sown	
V17	s2q11_1	2.11.1. Traditional seed sown(Unit)	
V18	s2q11_2	2.11.2. Quantity of traditional seed sown	
V19	s2q12	2.12. Quantity of traditional seeds purchased	
V20	s2q13	2.13. Amount spent on traditional seeds(Rfw)	
V21	s2q14_1	2.14.1. Improved seeds sown(Unit)	
V22	s2q14_2	2.14.2. Improved seeds sown(Qty)	
V23	s2q15	2.15. Quantity of improved seeds purchased	
V24	s2q16	2.16. Amount spent on improved seeds(Rfw)	
V25	s2q17	2.17. Where did improved seeds sown come from?	
V26	s2q18_1	2.18.1 On average how many trees are in this plot?	
V27	s2q18_2	2.18.2 On average how many trees have you harvested/to be harvested in this plot	
V28	s2q19	2.19. Quantity already harvested in this plot (in Kg)	
V29	s2q20	2.20. Remaining quantity to be harvested in this plot (in Kg)	
V30	s2q21	2.21. Total quantity of harvest in this plot (in Kg)	
V31	s2q22	2.22. Explanation on production status	
V32	s2q23	2.23 What was the quantity produced in all plots (in Kg)	
V33	s2q24	2.24. What was the quantity processed at farm level?	
V34	s2q25	2.25. What was the quantity sold?	
V35	s2q26	2.26. On which market this crop was sold?	
V36	s2q27	2.27. What was the selling price per kilogram? (RwF/Kg)	
V37	s2q28	2.28. What was the quantity used for own consumption?	
V38	s2q29	2.29. What was the quantity used as wages?	

ID	Name	Label	Question
V39	s2q30	2.30. What was the quantity used as farm rent?	
V40	s2q31	2.31. What was the quantity used as gift?	
V41	s2q32	2.32. What was the quantity exchanged for other goods?	
V42	s2q33	2.33. What was the quantity used as seeds?	
V43	s2q34	2.34. What was the quantity used to feed animals?	
V44	s2q35	2.35. What was the quantity stored?	
V45	s2q36	2.36. Which is the storage facility used by the household?	
V46	s2q37	2.37. What was the quantity lost after harvest?	
V47	s2q38	2.38. What was the quantity used in other forms?	
V48	Harvested_Area	Harvested crop area in ha	
V49	CropGroup	Crop category and major crops	

total: 49

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Cases:	18786
variables:	28

variables

ID	Name	Label	Question
V50	Segment_ID	1.0 Segment Identification	
V51	s1q1	1.1 Province	
V52	s1q2	1.2 District	
V53	s1q3	1.3 Stratum	
V54	s1q4	1.4 Segment	
V55	s2q1	2.1 Plot number	
V56	s2q2	2.2 Ptot area in sqm	
V57	s2q3_6	2.3.6 Farmer type	
V58	s3q1	3.1 Have you used organic fertilizer in this plot during this season?	
V59	s3q2	3.2 Quantity of Organic fertilizer used (in Kg)	
V60	s3q3	3.3 Quantity of Organic fertilizer purchased	
V61	s3q4	3.4 Cost of Organic fertilizer purchased (Rwf)	
V62	s3q5	3.5 Have you used inorganic fertilizer in this plot during this season?	
V63	s3q6	3.6 Inorganic fertilizer type	
V64	s3q7	3.7 Unit	
V65	s3q8	3.8 Total quantity of inorganic fertilizer used	
V66	s3q9	3.9 Quantity of inorganic fertilizer purchased	
V67	s3q10	3.10 Unit Price(Rwf)	
V68	s3q11	3.11 What is the main source of fertilizer used?	
V69	s3q12	3.12 What was the main crop the fertilizer was applied?	
V70	s3q13	3.13 Have you used pesticides in this plot during this season?	
V71	s3q14	3.14 Pesticide type	
V72	s3q15	3.15 Unit	
V73	s3q16	3.16 Total Quantity of pesticide used in this plot	
V74	s3q17	3.17 Quantity of pesticide purchased	
V75	s3q18	3.18 Total amount spent on quantity bought (Rwf)	
V76	s3q19	3.19 What was the main crop the pesticide was applied?	
V77	weight	Segment weight	

total: 28

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Cases: 19805

variables: 34

variables

ID	Name	Label	Question
V78	Segment_ID	1.0 Segment identification	
V79	s2q1	2.1 Plot number	
V80	s1q1	1.1 Province	
V81	s1q2	1.2 District	
V82	s1q3	1.3 Stratum	
V83	s1q4	1.4 Segment	
V84	s2q2	2.2 Ptot area in sqm	
V85	s2q3_6	2.3.6 Farmer type	
V86	s4q1	4.1 What is the degree of erosion on this plot?	
V87	s4q2	4.2 Is there any anti erosion activity on this plot?	
V88	s4q3	4.3 Types of anti-erosion activities existing in the plot (code)	
V89	s4q4	4.4 Was this anti-erosion activity done during the current agricultur	
V90	s4q5	4.5 What is the total cost of anti-erosion activity done during this season(R	
V91	s4q6	4.6 Is this plot fenced?	
V92	s4q7	4.7 Was this fence done during the current agricultural season?	
V93	s4q8	4.8 Activity cost (RWF)	
V94	s4q9	4.9 Amount spent on manpower to prepare land, sowing and any other agricultural	
V95	s4q10_1	4.10.1 Have you used ploughing animals (oxen) during this season?	
V96	s4q10_2	4.10.2 At which stage of agriculture practice did you use animal ploughing?	
V97	s4q10_3	4.10.3 Amount paid on rent of ploughing animals during this season(Rwf)	
V98	s4q11_1	4.11.1 Have you used a ploughing tractor during this season?	
V99	s4q11_2	4.11.2 At which stage of agriculture practice did you use ploughing machine?	
V100	s4q11_3	4.11.3 Amount paid on rent of ploughing tractor (Rwf)	
V101	s4q12_1	4.12.1 Have you used any other mechanical equipment during this season?	
V102	s4q12_2	4.14.2 At which stage of agriculture practice did you use other mechanical?	
V103	s4q12_3	4.12.3 Name of other mechanical equipment used during this season	
V104	s4q12_4	4.12.4 Rent cost for the other mechanical equipment (Rwf)	
V105	s4q13	4.13 Have you irrigated your plot during this season?	
V106	s4q14	4.14 What is the source of water for irrigation?	
V107	s4q15	4.15 What is main irrigation technique used on this plot?	
V108	s4q16	4.16 What is the irrigation tool you have used?	
V109	s4q17	4.17 Total cost of irrigation?	
V110	s4q18	4.18 What was the main crop to irrigate?	
V111	weight	Segment weight	

total: 34

Data file: rwa-sas-SeasonA_PartV_Land Tenure

Cases:	63292
variables:	17

variables

ID	Name	Label	Question	
V112	Segment_ID	1.0 Segment identification		
V113	s2q1	2.1 Plot number		
V114	s1q1	1.1 Province		
V115	s1q2	1.2 District		
V116	s1q3	1.3 Stratum		
V117	s1q4	1.4 Segment		
V118	s2q2	2.2 Ptot area in sqm		
V119	s2q3_6	2.3.6 Farmer type		
V120	s5q1	5.1 Is this plot owned or rented?		
V121	s5q2	5.2 Ownership category		
V122	s5q3	5.3 When has this plot been bought?		
V123	s5q4	5.4 If the plot was purchased during this season or last year, what was the cost		
V124	s5q5	5.5 If the plot was rented, what kind of payment have you agreed on during this		
V125	s5q6	5.6 If the rented plot was paid by cash, what is the amount for this season?		
V126	s5q7	5.7 What are crops in this plot that have been chosen for production share for t		
V127	s5q8	5.8 If the rented plot was paid by production share, what is the percentage shar		
V128	weight	Segment weight		

total: 17

Data file: rwa-sas-seasonA-Screening

Cases:	46854
variables:	24

variables

ID	Name	Label	Question
V129	Segment_ID	Segment_ID	
V130	s1q1	1.1 Province Name	
V131	s1q2	1.2 District Name	
V132	area_ha	Segment Physical area in ha	
V133	s1q3	1.3 Stratum (Not applicable for LSF)	
V134	s1q4	1.4 Segment (Not applicable for LSF)	
V135	s1q5	1.5 Date of visting the segment/LSF(DD/MM/YYY)	
V136	s1q6	1.6 Number of grids in the segment(Not applicable for LSF)	
V137	s2q1	2.1 Sampled Grid point number	
V138	s2q2	2.2 Plot_number	
V139	s2q3	2.3 Plot size (m2)	
V140	s2q4_1	Farmer type	
V141	s2q5	2.5 No.of Grids in the same Plot	
V142	s2q6	2.6 Land Use	
V143	s2q7	2.7 Non- agricultural Land Type	
V144	s2q8	2.8 Cropping System	
V145	s2q9	2.9 Number of main crops in the plot	
V146	s2q10	2.10 Crop type	
V147	s2q11	2.11 Crop name	
V148	s2q14	2.14 is this crop for this season	
V149	s2q15	2.15 Expected period for harvesting	
V150	Weight	Weight	
V151	CropGroup	Crop category and major crops	
V152	Crop_Area	Estimated crop area	

total: 24

Data file: rwa-sas-seasonB_Crop production

Cases:	30493
variables:	49

variables

ID	Name	Label	Question
V153	Segment_ID	1.0 Segment identification	
V154	s1q1	1.1 Province	
V155	s1q2	1.2 District	
V156	s1q3	1.3 Stratum	
V157	s1q4	1.4 Segment	
V158	s1q5	1.5. Date of interview	
V159	s2q1	2.1 Plot No.	
V160	s2q2	2.2Plot size (ha)	
V161	s2q3_1	2.3.1 Farmer type	
V162	s2q4	2.4 Cropping system	
V163	s2q5	2.5 Number of main crops in the plot	
V164	s2q6	2.6 crop name	
V165	s2q7	2.7.Developped crop area in ha	
V166	s2q8	2.8. Sowing Date	
V167	s2q9	2.9. Expected period of harvesting	
V168	s2q10	2.10. Type of seeds sown	
V169	s2q11_1	2.11.1. Traditional seed sown(Unit)	
V170	s2q11_2	2.11.2. Quantity of traditional seed sown	
V171	s2q12	2.12. Quantity of traditional seeds purchased	
V172	s2q13	2.13. Amount spent on traditional seeds(Rfw)	
V173	s2q14_1	2.14.1. Improved seeds sown(Unit)	
V174	s2q14_2	2.14.2. Improved seeds sown(Qty)	
V175	s2q15	2.15. Quantity of improved seeds purchased	
V176	s2q16	2.16. Amount spent on improved seeds(Rfw)	
V177	s2q17	2.17. Where did improved seeds sown come from?	
V178	s2q18_1	2.18.1 On average how many trees are in this plot?	
V179	s2q18_2	2.18.2 On average how many trees have you harvested/to be harvested in this plot	
V180	s2q19	2.19. Quantity already harvested in this plot (in Kg)	
V181	s2q20	2.20. Remaining quantity to be harvested in this plot (in Kg)	
V182	s2q21	2.21. Total quantity of harvest in this plot (in Kg)	
V183	s2q22	2.22. Explanation on production status	
V184	s2q23	2.23 What was the quantity produced in all plots (in Kg)	
V185	s2q24	2.24. What was the quantity processed at farm level?	
V186	s2q25	2.25. What was the quantity sold?	
V187	s2q26	2.26. On which market this crop was sold?	
V188	s2q27	2.27. What was the selling price per kilogram? (RwF/Kg)	
V189	s2q28	2.28. What was the quantity used for own consumption?	
V190	s2q29	2.29. What was the quantity used as wages?	

ID	Name	Label	Question
V191	s2q30	2.30. What was the quantity used as farm rent?	
V192	s2q31	2.31. What was the quantity used as gift?	
V193	s2q32	2.32. What was the quantity exchanged for other goods?	
V194	s2q33	2.33. What was the quantity used as seeds?	
V195	s2q34	2.34. What was the quantity used to feed animals?	
V196	s2q35	2.35. What was the quantity stored?	
V197	s2q36	2.36. Which is the storage facility used by the household?	
V198	s2q37	2.37. What was the quantity lost after harvest?	
V199	s2q38	2.38. What was the quantity used in other forms?	
V200	Harvested_Area	Harvested crop area in ha	
V201	CropGroup	Crop category and major crops	

total: 49

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Cases:	17637
variables:	28

variables

ID	Name	Label	Question
V202	Segment_ID	1.0 Segment Identification	
V203	s1q1	1.1 Province	
V204	s1q2	1.2 District	
V205	s1q3	1.3 Stratum	
V206	s1q4	1.4 Segment	
V207	s2q1	2.1 Plot number	
V208	s2q2	2.2 Ptot area in sqm	
V209	s2q3_6	2.3.6 Farmer type	
V210	s3q1	3.1 Have you used organic fertilizer in this plot during this season?	
V211	s3q2	3.2 Quantity of Organic fertilizer used (in Kg)	
V212	s3q3	3.3 Quantity of Organic fertilizer purchased	
V213	s3q4	3.4 Cost of Organic fertilizer purchased (Rwf)	
V214	s3q5	3.5 Have you used inorganic fertilizer in this plot during this season?	
V215	s3q6	3.6 Inorganic fertilizer type	
V216	s3q7	3.7 Unit	
V217	s3q8	3.8 Total quantity of inorganic fertilizer used	
V218	s3q9	3.9 Quantity of inorganic fertilizer purchased	
V219	s3q10	3.10 Unit Price(Rwf)	
V220	s3q11	3.11 What is the main source of fertilizer used?	
V221	s3q12	3.12 What was the main crop the fertilizer was applied?	
V222	s3q13	3.13 Have you used pesticides in this plot during this season?	
V223	s3q14	3.14 Pesticide type	
V224	s3q15	3.15 Unit	
V225	s3q16	3.16 Total Quantity of pesticide used in this plot	
V226	s3q17	3.17 Quantity of pesticide purchased	
V227	s3q18	3.18 Total amount spent on quantity bought (Rwf)	
V228	s3q19	3.19 What was the main crop the pesticide was applied?	
V229	weight	Segment weight	

total: 28

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Cases:	19222
variables:	34

variables

ID	Name	Label	Question
V230	Segment_ID	1.0 Segment identification	
V231	s2q1	2.1 Plot number	
V232	s1q1	1.1 Province	
V233	s1q2	1.2 District	
V234	s1q3	1.3 Stratum	
V235	s1q4	1.4 Segment	
V236	s2q3_6	2.3.6 Farmer type	
V237	s2q2	2.2 Ptot area in sqm	
V238	s4q1	4.1 What is the degree of erosion on this plot?	
V239	s4q2	4.2 Is there any anti erosion activity on this plot?	
V240	s4q3	4.3 Types of anti-erosion activities existing in the plot (code)	
V241	s4q4	4.4 Was this anti-erosion activity done during the current agricultur	
V242	s4q5	4.5 What is the total cost of anti-erosion activity done during this season(R	
V243	s4q6	4.6 Is this plot fenced?	
V244	s4q7	4.7 Was this fence done during the current agricultural season?	
V245	s4q8	4.8 Activity cost (RWF)	
V246	s4q9	4.9 Amount spent on manpower to prepare land, sowing and any other agricultural	
V247	s4q10_1	4.10.1 Have you used ploughing animals (oxen) during this season?	
V248	s4q10_2	4.10.2 At which stage of agriculture practice did you use animal ploughing?	
V249	s4q10_3	4.10.3 Amount paid on rent of ploughing animals during this season(Rwf)	
V250	s4q11_1	4.11.1 Have you used a ploughing tractor during this season?	
V251	s4q11_2	4.11.2 At which stage of agriculture practice did you use ploughing machine?	
V252	s4q11_3	4.11.3 Amount paid on rent of ploughing tractor (Rwf)	
V253	s4q12_1	4.12.1 Have you used any other mechanical equipment during this season?	
V254	s4q12_2	4.14.2 At which stage of agriculture practice did you use other mechanical?	
V255	s4q12_3	4.12.3 Name of other mechanical equipment used during this season	
V256	s4q12_4	4.12.4 Rent cost for the other mechanical equipment (Rwf)	
V257	s4q13	4.13 Have you irrigated your plot during this season?	
V258	s4q14	4.14 What is the source of water for irrigation?	
V259	s4q15	4.15 What is main irrigation technique used on this plot?	
V260	s4q16	4.16 What is the irrigation tool you have used?	
V261	s4q17	4.17 Total cost of irrigation?	
V262	s4q18	4.18 What was the main crop to irrigate?	
V263	weight	Segment weight	

total: 34

Data file: rwa-sas-SeasonB_PartV_Land Tenure

Cases: 61548

variables: 17

variables

ID	Name	Label	Question
V264	Segment_ID	1.0 Segment identification	
V265	s2q1	2.1 Plot number	
V266	s1q1	1.1 Province	
V267	s1q2	1.2 District	
V268	s1q3	1.3 Stratum	
V269	s1q4	1.4 Segment	
V270	s2q3_6	2.3.6 Farmer type	
V271	s2q2	2.2 Ptot area in sqm	
V272	s5q1	5.1 Is this plot owned or rented?	
V273	s5q2	5.2 Ownership category	
V274	s5q3	5.3 When has this plot been bought?	
V275	s5q4	5.4 If the plot was purchased during this season or last year, what was the cost	
V276	s5q5	5.5 If the plot was rented, what kind of payment have you agreed on during this	
V277	s5q6	5.6 If the rented plot was paid by cash, what is the amount for this season?	
V278	s5q7	5.7 What are crops in this plot that have been chosen for production share for t	
V279	s5q8	5.8 If the rented plot was paid by production share, what is the percentage shar	
V280	weight	Segment weight	

total: 17

Data file: rwa-sas-seasonB-Screening

Cases:	43411
variables:	24

variables

ID	Name	Label	Question
V281	Segment_ID	1.0 Segment identification	
V282	s1q1	1.1 Province Name	
V283	s1q2	1.2 District Name	
V284	area_ha	Segment Physical area in ha	
V285	s1q3	1.3 Stratum (Not applicable for LSF)	
V286	s1q4	1.4 Segment (Not applicable for LSF)	
V287	s1q5	1.5 Date of visting the segment/LSF(DD/MM/YYY)	
V288	s1q6	1.6 Number of grids in the segment(Not applicable for LSF)	
V289	s2q1	2.1 Sampled Grid point number	
V290	s2q2	2.2 Plot Number (PID)	
V291	s2q3	2.3 Plot size (ha)	
V292	s2q4_1	Farmer type	
V293	s2q5	2.5 No.of Grids in the same Plot	
V294	s2q6	2.6 Land Use	
V295	s2q7	2.7 Non- agricultural Land Type	
V296	s2q8	2.8 Cropping System	
V297	s2q9	2.9 Number of main crops in the plot	
V298	s2q10	2.10 Crop type	
V299	s2q11	2.11 Crop name	
V300	s2q14	2.14 Is this crop for this season?	
V301	s2q15	2.15 Expected period for harvesting	
V302	weight	Segment. weight	
V303	CropGroup	Crop category and major crops	
V304	Crop_Area	crop estimated area	

total: 24

Data file: rwa-sas-seasonC_Crop production

Cases:	1667
variables:	49

variables

ID	Name	Label	Question
V305	Segment_ID	1.0 Segment identification	
V306	s1q1	1.1 Province	
V307	s1q2	1.2 District	
V308	s1q3	1.3 Stratum	
V309	s1q4	1.4 Segment	
V310	s1q5	1.5 Date of visting the segment/LSF(DD/MM/YYY)	
V311	s2q1	2.1 Plot No.	
V312	s2q2	2.2 Plot area in ha	
V313	s2q3_1	2.3.1 Farmer type	
V314	s2q4	2.4 Cropping system	
V315	s2q5	2.5 Number of crops	
V316	s2q6	2.6.crop_name	
V317	s2q7	2.7.Developped crop area in ha	
V318	s2q8	2.8 Sowing Date	
V319	s2q9	2.9 Expected period for harvesting	
V320	s2q10	2.10 Types of Seeds sown	
V321	s2q11_1	2.11.1 Traditional seed sown(Unit)	
V322	s2q11_2	2.11.2 Quantity of traditional seed sown	
V323	s2q12	2.12 Quantity of traditional seeds purchased	
V324	s2q13	2.13 Amount spent on traditional seeds(Rfw)	
V325	s2q14_1	2.14.1 Improved seeds sown(Unit)	
V326	s2q14_2	2.14.2 Improved seeds sown(Qty)	
V327	s2q15	2.15 Quantity of improved seeds purchased	
V328	s2q16	2.16 Amount spent on improved seeds(Rfw)	
V329	s2q17	2.17 Where did improved seeds sown come from?	
V330	s2q18_1	2.18.1 On average how many trees are in this plot?	
V331	s2q18_2	2.18.2 On average how many trees have you harvested/to be harvested in this plot	
V332	s2q19	2.19. Quantity already harvested in this plot (in Kg)	
V333	s2q20	2.20. Remaining quantity to be harvested in this plot (in Kg)	
V334	s2q21	2.21. Total quantity of harvest in this plot (in Kg)	
V335	s2q22	2.22.1 Explanation on production status	
V336	s2q23	2.23 What was the quantity produced in all plots (in Kg)	
V337	s2q24	2.24 What was the quantity processed at farm level?	
V338	s2q25	2.25 What was the quantity sold?	
V339	s2q26	2.26 On which market this crop was sold?	
V340	s2q27	2.27 What was the selling price per kilogram? (RwF/Kg)	
V341	s2q28	2.28 What was the quantity used for own consumption?	
V342	s2q29	2.29 What was the quantity used as wages?	

ID	Name	Label	Question
V343	s2q30	2.30 What was the quantity used as farm rent?	
V344	s2q31	2.31 What was the quantity used as gift?	
V345	s2q32	2.32 What was the quantity exchanged for other goods?	
V346	s2q33	2.33 What was the quantity used as seeds?	
V347	s2q34	2.34 What was the quantity used to feed animals?	
V348	s2q35	2.35 What was the quantity stored?	
V349	s2q36	2.36 Which is the storage facility used by the household?	
V350	s2q37	2.37 What was the quantity lost after harvest?	
V351	s2q38	2.38 What was the quantity used in other forms?	
V352	Harvested_Area	Harvested crop area in ha	
V353	CropGroup	Crop category and major crops	

total: 49

Data file: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Cases:	1832
variables:	27

variables

ID	Name	Label	Question
V354	Segment_ID	1.0 Segment Identification	
V355	s1q1	1.1 Province	
V356	s1q2	1.2 District	
V357	s1q3	1.3 Stratum	
V358	s1q4	1.4 Segment	
V359	s2q1	2.1 Plot number	
V360	s2q2	2.2 Ptot area in sqm	
V361	s3q1	3.1 Have you used organic fertilizer in this plot during this season?	
V362	s3q2	3.2 Quantity of Organic fertilizer used (in Kg)	
V363	s3q3	3.3 Quantity of Organic fertilizer purchased	
V364	s3q4	3.4 Cost of Organic fertilizer purchased (Rwf)	
V365	s3q5	3.5 Have you used inorganic fertilizer in this plot during this season?	
V366	s3q6	3.6 Inorganic fertilizer type	
V367	s3q7	3.7 Unit	
V368	s3q8	3.8 Total quantity of inorganic fertilizer used	
V369	s3q9	3.9 Quantity of inorganic fertilizer purchased	
V370	s3q10	3.10 Unit Price(Rwf)	
V371	s3q11	3.11 What is the main source of fertilizer used?	
V372	s3q12	3.12 What was the main crop the fertilizer was applied?	
V373	s3q13	3.13 Have you used pesticides in this plot during this season?	
V374	s3q14	3.14 Pesticide type	
V375	s3q15	3.15 Unit	
V376	s3q16	3.16 Total Quantity of pesticide used in this plot	
V377	s3q17	3.17 Quantity of pesticide purchased	
V378	s3q18	3.18 Total amount spent on quantity bought (Rwf)	
V379	s3q19	3.19 What was the main crop the pesticide was applied?	
V380	weight	Segment weight	

total: 27

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Cases:	1731
variables:	33

variables

ID	Name	Label	Question
V381	Segment_ID	1.0 Segment identification	
V382	s2q1	2.1 Plot number	
V383	s1q1	1.1 Province	
V384	s1q2	1.2 District	
V385	s1q3	1.3 Stratum	
V386	s1q4	1.4 Segment	
V387	s2q2	2.2 Ptot area in sqm	
V388	s4q1	4.1 What is the degree of erosion on this plot?	
V389	s4q2	4.2 Is there any anti erosion activity on this plot?	
V390	s4q3	4.3 Types of anti-erosion activities existing in the plot (code)	
V391	s4q4	4.4 Was this anti-erosion activity done during the current agricultur	
V392	s4q5	4.5 What is the total cost of anti-erosion activity done during this season(R	
V393	s4q6	4.6 Is this plot fenced?	
V394	s4q7	4.7 Was this fence done during the current agricultural season?	
V395	s4q8	4.8 Activity cost (RWF)	
V396	s4q9	4.9 Amount spent on manpower to prepare land, sowing and any other agricultural	
V397	s4q10_1	4.10.1 Have you used ploughing animals (oxen) during this season?	
V398	s4q10_2	4.10.2 At which stage of agriculture practice did you use animal ploughing?	
V399	s4q10_3	4.10.3 Amount paid on rent of ploughing animals during this season(Rwf)	
V400	s4q11_1	4.11.1 Have you used a ploughing tractor during this season?	
V401	s4q11_2	4.11.2 At which stage of agriculture practice did you use ploughing machine?	
V402	s4q11_3	4.11.3 Amount paid on rent of ploughing tractor (Rwf)	
V403	s4q12_1	4.12.1 Have you used any other mechanical equipment during this season?	
V404	s4q12_2	4.14.2 At which stage of agriculture practice did you use other mechanical?	
V405	s4q12_3	4.12.3 Name of other mechanical equipment used during this season	
V406	s4q12_4	4.12.4 Rent cost for the other mechanical equipment (Rwf)	
V407	s4q13	4.13 Have you irrigated your plot during this season?	
V408	s4q14	4.14 What is the source of water for irrigation?	
V409	s4q15	4.15 What is main irrigation technique used on this plot?	
V410	s4q16	4.16 What is the irrigation tool you have used?	
V411	s4q17	4.17 Total cost of irrigation?	
V412	s4q18	4.18 What was the main crop to irrigate?	
V413	weight	Segment weight	

total: 33

Data file: rwa-sas-SeasonC_PartV_Land Tenure

Cases:	5400
variables:	16

variables

ID	Name	Label	Question	
V414	Segment_ID	1.0 Segment identification		
V415	s2q1	2.1 Plot number		
V416	s1q1	1.1 Province		
V417	s1q2	1.2 District		
V418	s1q3	1.3 Stratum		
V419	s1q4	1.4 Segment		
V420	s2q2	2.2 Ptot area in sqm		
V421	s5q1	5.1 Is this plot owned or rented?		
V422	s5q2	5.2 Ownership category		
V423	s5q3	5.3 When has this plot been bought?		
V424	s5q4	5.4 If the plot was purchased during this season or last year, what was the cost		
V425	s5q5	5.5 If the plot was rented, what kind of payment have you agreed on during this		
V426	s5q6	5.6 If the rented plot was paid by cash, what is the amount for this season?		
V427	s5q7	5.7 What are crops in this plot that have been chosen for production share for t		
V428	s5q8	5.8 If the rented plot was paid by production share, what is the percentage shar		
V429	weight	Segment weight		

total: 16

Data file: rwa-sas-seasonC-Screening

Cases:	8311
variables:	24

variables

ID	Name	Label	Question
V430	Segment_ID	Segment identification	
V431	s1q1	1.1 Province Name	
V432	s1q2	1.2 District Name	
V433	s1q3	1.3 Stratum	
V434	s1q4	1.4 Segment	
V435	s1q5	1.5 Date of visting the segment/LSF(DD/MM/YYY)	
V436	s1q6	1.6 Number of Grids	
V437	s2q1	2.1 Sampled Grid point number	
V438	s2q4_1	Farmer type	
V439	area_ha	Segment Physical area in ha	
V440	s2q2	2.2 Plot No.	
V441	s2q3	2.3 Plot size (m2)	
V442	s2q5	2.5 No.of Grids in the same Plot	
V443	s2q6	2.6 Land Use	
V444	s2q7	2.7 Non- agricultural Land Type	
V445	s2q8	2.8 Cropping System	
V446	s2q9	2.9 Number of crops in the plot	
V447	s2q10	2.10 Crop type	
V448	s2q11	2.11. Crop code1	
V449	s2q14	2.14.1 Is this crop for this season?	
V450	s2q15	2.15.1 Expected period for harvesting	
V451	Weight	Weight	
V452	Crop_Area	Estimated crop area	
V453	CropGroup	Crop category and major crops	

total: 24

SEGMENT_ID: 1.0 Segment identification

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0   Minimum: 12001   Maximum: 572059   Mean: 371232.399   Standard deviation: 149336.89
Type: Continuous   Decimal: 0   Width: 10   Range: 12001 - 572059   Format: Numeric

S2Q4: 2.4 Cropping system

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Pure	5946	18.1%
2	Mixed	26960	81.9%

S1Q1: 1.1 Province

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 5   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Kigali	2608	7.9%
2	South	7328	22.3%
3	West	5877	17.9%
4	North	5486	16.7%
5	East	11607	35.3%

S1Q2: 1.2 District

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 11 - 57   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
11	Nyarugenge	724	2.2%
12	Gasabo	1201	3.6%
13	Kicukiro	683	2.1%
21	Nyanza	843	2.6%
22	Gisagara	1251	3.8%
23	Nyaruguru	618	1.9%
24	Huye	906	2.8%
25	Nyamagabe	969	2.9%
26	Ruhango	763	2.3%
27	Muhanga	1151	3.5%
28	Kamonyi	827	2.5%
31	Karongi	833	2.5%
32	Rutsiro	900	2.7%
33	Rubavu	673	2%
34	Nyabihu	827	2.5%
35	Ngororero	846	2.6%
36	Rusizi	985	3%
37	Nyamasheke	813	2.5%
41	Rulindo	1260	3.8%
42	Gakenke	1100	3.3%
43	Musanze	865	2.6%
44	Burera	1118	3.4%
45	Gicumbi	1143	3.5%
51	Rwamagana	1397	4.2%
52	Nyagatare	2604	7.9%
53	Gatsibo	1932	5.9%
54	Kayonza	1854	5.6%
55	Kirehe	1846	5.6%
56	Ngoma	923	2.8%
57	Bugesera	1051	3.2%

S1Q3: 1.3 Stratum

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0
Type: Discrete   Decimal: 0   Width: 35   Range: 11 - 50   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
11	Intensive cropland on hillsides	25768	78.3%
20	Intensive cropland in marshlands	3917	11.9%
30	Rangelands	1936	5.9%
40	Household/ Village stratum	0	0%
50	Large scale farmer	1285	3.9%

S1Q4: 1.4 Segment

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0   Minimum: 0   Maximum: 70   Mean: 17.439   Standard deviation: 14.072
Type: Continuous   Decimal: 0   Width: 8   Range: 0 - 70   Format: Numeric

S1Q5: 1.5. Date of interview

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Minimum: 2019-01-04   Maximum: 2019-02-28
Type: Discrete   Width: 11   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
2019-01-04		6	0%
2019-01-05		2	0%
2019-01-06		5	0%
2019-01-07		2	0%
2019-01-08		10	0%
2019-01-09		22	0.1%

2019-01-10		30	0.1%
2019-01-11		373	1.1%
2019-01-12		878	2.7%
2019-01-13		24	0.1%
2019-01-14		1213	3.7%
2019-01-15		1354	4.1%
2019-01-16		1427	4.3%
2019-01-17		1499	4.6%
2019-01-18		1440	4.4%
2019-01-19		1354	4.1%
2019-01-20		207	0.6%
2019-01-21		1575	4.8%
2019-01-22		1448	4.4%
2019-01-23		1796	5.5%
2019-01-24		1361	4.1%
2019-01-25		1843	5.6%
2019-01-26		1425	4.3%
2019-01-27		86	0.3%
2019-01-28		1547	4.7%
2019-01-29		1639	5%
2019-01-30		1540	4.7%
2019-01-31		1365	4.1%
2019-02-01		1486	4.5%
2019-02-02		1129	3.4%
2019-02-03		162	0.5%
2019-02-04		1419	4.3%
2019-02-05		986	3%
2019-02-06		1117	3.4%
2019-02-07		692	2.1%
2019-02-08		237	0.7%
2019-02-09		25	0.1%
2019-02-12		1	0%
2019-02-13		9	0%
2019-02-15		38	0.1%
2019-02-16		15	0%
2019-02-18		19	0.1%
2019-02-19		13	0%
2019-02-20		4	0%
2019-02-21		18	0.1%

2019-02-22		13	0%
2019-02-23		8	0%
2019-02-26		12	0%
2019-02-27		10	0%
2019-02-28		22	0.1%

S2Q1: 2.1 Plot No.

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0   Minimum: 1   Maximum: 93   Mean: 25.262   Standard deviation: 16.345
Type: Continuous   Decimal: 0   Width: 8   Range: 1 - 93   Format: Numeric

S2Q2: 2.2 Area m2

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0   Minimum: 24.647   Maximum: 10567158   Mean: 9304.915   Standard deviation: 152552.383
Type: Continuous   Decimal: 0   Width: 8   Range: 24.646728515625 - 10567158   Format: Numeric

S2Q3_1: 2.3.1 Farmer type

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0
Type: Discrete   Decimal: 0   Width: 18   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	small scale farmer	31621	96.1%
2	large scale farmer	1285	3.9%

S2Q5: 2.5 Number of main crops in the plot

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 5   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		5946	18.1%
2		10090	30.7%
3		8702	26.4%
4		5754	17.5%
5		2414	7.3%

S2Q6: crop_name

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0
Type: Discrete   Decimal: 0   Width: 27   Range: 101 - 520   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
101	Maize	7228	22%
102	Paddy rice	241	0.7%
103	Sorghum	881	2.7%
104	Wheat	126	0.4%
105	Other cereal	0	0%
106	Bush bean	5886	17.9%
107	Climbing bean	2308	7%
108	Pea	735	2.2%
109	Other pulse	0	0%
111	Irish potato	1928	5.9%
112	Sweet potato	2450	7.4%
114	Tomato	239	0.7%
115	Cabbage	124	0.4%
116	Cauliflower	5	0%
117	Onion	85	0.3%
118	Carrot	43	0.1%
119	Eggplant	185	0.6%
120	Other seasonal vegetable	4	0%

128	Soybean	905	2.8%
129	Groundnut	755	2.3%
130	Sun flower	88	0.3%
134	Other seasonal crop	9	0%
135	Black eggplant	8	0%
136	Sweet pepper	47	0.1%
138	Amaranth	47	0.1%
139	Celery	2	0%
140	Spinach	1	0%
141	Small red bean	23	0.1%
142	Sugar beet	20	0.1%
143	Garlic	14	0%
144	African cabbage	0	0%
145	Leek	7	0%
146	French bean	43	0.1%
147	Letus	0	0%
148	Brocolli	4	0%
162	Millet	50	0.2%
165	Other tuber(specify)	0	0%
167	Cucumber	4	0%
168	Watermelon	17	0.1%
213	Taro	412	1.3%
214	Yam	3	0%
220	Other annual vegetable	2	0%
233	Pyrethrum	60	0.2%
234	Other annual crop	15	0%
237	Pepper	23	0.1%
249	Napia grass	13	0%
257	Tree tomato	34	0.1%
265	Other tuber	0	0%
266	Pumpkin	34	0.1%
310	Cassava	1773	5.4%
320	Other perennial vegetable	0	0%
321	Cooking banana	2028	6.2%
322	Dessert banana	1083	3.3%
323	Banana for beer	2352	7.1%
324	Pineapple	26	0.1%
325	Avocado	19	0.1%
326	Passion fruit	41	0.1%

327	Other fruit	0	0%
332	Coffee	27	0.1%
334	Other perennial crop	3	0%
350	Sugar cane	46	0.1%
352	Macadamia	15	0%
353	Olive	0	0%
354	Mango	41	0.1%
355	Apple	1	0%
356	Papaya	14	0%
358	Orange	12	0%
359	Lemon	6	0%
360	Guava	2	0%
361	Mulberry	5	0%
363	Stevia	4	0%
364	Jatropha	0	0%
365	Other perennial tuber	0	0%
368	Palm	24	0.1%
369	Tea	0	0%
511	Napia grass for fodder	192	0.6%
512	Maize for fodder	11	0%
513	Soybean for fodder	4	0%
514	Leucena	1	0%
515	Desmodium	3	0%
516	Mucuna	11	0%
517	Setaria	2	0%
518	Tripsacum	10	0%
519	Other fodder crop (specify)	42	0.1%
520	Natural grass	0	0%

S2Q7: 2.7.Developped crop area in ha

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0   Minimum: 0.000417   Maximum: 831.909   Mean: 0.748   Standard deviation: 13.906
Type: Continuous   Decimal: 0   Width: 9   Range: 0.000416780589148402 - 831.908935546875   Format: Numeric

S2Q8: 2.8. Sowing Date

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0
Type: Discrete   Decimal: 0   Width: 18   Range: 1 - 10   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Before 30/06	8209	24.9%
2	Between 01-15/07	235	0.7%
3	Between 16-31/07	288	0.9%
4	Between 01-15/08	568	1.7%
5	Between 16-31/08	1134	3.4%
6	Between 01-15/09	5463	16.6%
7	Between 16-30/09	5183	15.8%
8	Between 01-15/10	6850	20.8%
9	Between 16-30/10	2789	8.5%
10	After 31/10	2187	6.6%

S2Q9: 2.9. Expected period of harvesting

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0
Type: Discrete   Decimal: 0   Width: 25   Range: 1 - 7   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Before 01/12	4468	13.6%
2	Between 01-15/12	1302	4%
3	Between 16-31/12	3711	11.3%
4	Between 01-15/01	5636	17.1%
5	Between 16-31/01	6307	19.2%
6	Between 01-28/02	7374	22.4%
7	After 28/02	4108	12.5%

S2Q10: 2.10. Type of seeds sown

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0
Type: Discrete   Decimal: 0   Width: 30   Range: 1 - 3   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Traditional seeds	29158	88.6%
2	Improved seeds	3589	10.9%
3	Traditional and Improved seeds	159	0.5%

S2Q11_1: 2.11.1. Traditional seed sown(Unit)

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 29317   Invalid: 3589
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 3   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Kg	17835	60.8%
2	g	759	2.6%
3	NA	10723	36.6%
Sysmiss		3589	

S2Q11_2: 2.11.2. Quantity of traditional seed sown

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 18636   Invalid: 14270   Minimum: 0   Maximum: 93800   Mean: 38.366   Standard deviation: 732.739
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 93800   Format: Numeric

S2Q12: 2.12. Quantity of traditional seeds purchased

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 18610   Invalid: 14296   Minimum: 0   Maximum: 93800   Mean: 16.811   Standard deviation: 709.844
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 93800   Format: Numeric

S2Q13: 2.13. Amount spent on traditional seeds(Rfw)

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 29317   Invalid: 3589   Minimum: 0   Maximum: 56280000   Mean: 4473.778   Standard deviation: 333545.275
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 56280000   Format: Numeric

S2Q14_1: 2.14.1. Improved seeds sown(Unit)

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 3748   Invalid: 29158
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 3   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Kg	2845	75.9%
2	g	506	13.5%
3	NA	397	10.6%
Sysmiss		29158	

S2Q14_2: 2.14.2. Improved seeds sown(Qty)

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 3356   Invalid: 29550   Minimum: 0.1   Maximum: 47500   Mean: 225.871   Standard deviation: 1681.877
Type: Continuous   Decimal: 0   Width: 10   Range: 0.1 - 47500   Format: Numeric

S2Q15: 2.15. Quantity of improved seeds purchased

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 3356   Invalid: 29550   Minimum: 0   Maximum: 47500   Mean: 214.375   Standard deviation: 1656.289
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 47500   Format: Numeric

S2Q16: 2.16. Amount spent on improved seeds(Rfw)

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 3748   Invalid: 29158   Minimum: 0   Maximum: 22800000   Mean: 90133.667   Standard deviation: 778665.809
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 22800000   Format: Numeric

S2Q17: 2.17. Where did improved seeds sown come from?

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 3748   Invalid: 29158
Type: Discrete   Decimal: 0   Width: 32   Range: 1 - 7   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Government(MINAGRI/RAB/DISTRICT)	495	13.2%
2	Recognized seed multipliers	443	11.8%
3	Agro dealers	1490	39.8%
4	NGOs	736	19.6%
5	Market	412	11%
6	Agriculture Cooperatives	151	4%
7	Other (specify)	21	0.6%
Sysmiss		29158	

S2Q18_1: 2.18.1 On average how many trees are in this plot?

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 7394   Invalid: 25512   Minimum: 1   Maximum: 136066   Mean: 355.083   Standard deviation: 2438.421
Type: Continuous   Decimal: 0   Width: 12   Range: 1 - 136066   Format: Numeric

S2Q18_2: 2.18.2 On average how many trees have you harvested/to be harvested in this plot

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 7394   Invalid: 25512   Minimum: 0   Maximum: 119982   Mean: 180.794   Standard deviation: 1746.019

Type: Continuous   Decimal: 0   Width: 12   Range: 0 - 119982   Format: Numeric

S2Q19: 2.19. Quantity already harvested in this plot (in Kg)

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0   Minimum: 0   Maximum: 3302000   Mean: 1274.355   Standard deviation: 36241.28
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 3302000   Format: Numeric

S2Q20: 2.20. Remaining quantity to be harvested in this plot (in Kg)

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0   Minimum: 0   Maximum: 3289000   Mean: 1279.14   Standard deviation: 37917.326
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 3289000   Format: Numeric

S2Q21: 2.21. Total quantity of harvest in this plot (in Kg)

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0   Minimum: 0   Maximum: 3339000   Mean: 2553.495   Standard deviation: 54612.886
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 3339000   Format: Numeric

S2Q22: 2.22. Explanation on production status

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0
Type: Discrete   Decimal: 0   Width: 43   Range: 1 - 19   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Drought	2668	8.1%
2	Heavy rainfall	1042	3.2%
3	Insufficient rainfall	9931	30.2%
4	Insufficient fertilizers	4640	14.1%
5	Unusable of fertilizers	2715	8.3%
6	Innapropriate sowing period	1004	3.1%
7	Flooding	113	0.3%

8	Land slide	6	0%
9	Crop grazed	131	0.4%
10	Diseases and pests	3101	9.4%
11	Unfertile soil	705	2.1%
12	Inappropriate seeds	974	3%
13	Good harvest as it was expected	3917	11.9%
14	Lack of training on appropriate cultivation	184	0.6%
15	Lack of improved seeds	376	1.1%
16	Torrential rain	186	0.6%
17	Strong wind	99	0.3%
18	Other reasons (specify)	1114	3.4%
19	Perrenial crops not yet mature	0	0%

S2Q23: 2.23 What was the quantity produced in all plots (in Kg)

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0   Minimum: 0   Maximum: 3339000   Mean: 3891.73   Standard deviation: 60642.03
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 3339000   Format: Numeric

S2Q24: 2.24. What was the quantity processed at farm level?

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0   Minimum: 0   Maximum: 118260   Mean: 110.251   Standard deviation: 1688.924
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 118260   Format: Numeric

S2Q25: 2.25. What was the quantity sold?

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0   Minimum: 0   Maximum: 3203960   Mean: 2816.121   Standard deviation: 52873.149
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 3203960   Format: Numeric

S2Q26: 2.26. On which market this crop was sold?

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 15121   Invalid: 17785
Type: Discrete   Decimal: 0   Width: 22   Range: 1 - 7   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Farm-gate	3104	20.5%
2	Local market	10801	71.4%
3	District modern market	362	2.4%
4	Regional market	13	0.1%
5	Contract farming	677	4.5%
6	Contract with exporter	115	0.8%
7	Other market	49	0.3%
Sysmiss		17785	

S2Q27: 2.27. What was the selling price per kilogram? (RwF/Kg)

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 15089   Invalid: 17817
Type: Discrete   Decimal: 0   Width: 12   Range: 0 - 99999   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		8	0.1%
1		2	0%
2		1	0%
4		1	0%
9		1	0%
10		9	0.1%
15		2	0%
17		2	0%
20		12	0.1%
25		7	0%
30		29	0.2%
33		5	0%
35		13	0.1%
37		1	0%
38		1	0%

40		75	0.5%
43		2	0%
45		20	0.1%
46		3	0%
48		1	0%
50		392	2.6%
52		1	0%
54		1	0%
55		26	0.2%
58		1	0%
60		299	2%
62		3	0%
63		2	0%
65		69	0.5%
66		7	0%
67		2	0%
68		1	0%
70		351	2.3%
71		5	0%
72		5	0%
73		1	0%
74		1	0%
75		95	0.6%
77		1	0%
78		4	0%
80		573	3.8%
82		2	0%
83		13	0.1%
85		78	0.5%
87		6	0%
88		7	0%
89		4	0%
90		235	1.6%
93		1	0%
95		39	0.3%
97		2	0%
98		1	0%
99		5	0%
100		1026	6.8%

102		2	0%
104		2	0%
105		18	0.1%
108		1	0%
109		2	0%
110		133	0.9%
112		5	0%
113		2	0%
115		20	0.1%
117		1	0%
120		426	2.8%
122		1	0%
123		1	0%
125		61	0.4%
127		1	0%
129		1	0%
130		204	1.4%
133		6	0%
135		29	0.2%
136		1	0%
138		1	0%
140		132	0.9%
142		1	0%
143		1	0%
145		14	0.1%
150		682	4.5%
153		1	0%
155		3	0%
160		80	0.5%
165		3	0%
166		6	0%
167		1	0%
170		64	0.4%
175		14	0.1%
176		1	0%
180		141	0.9%
183		1	0%
185		3	0%
190		10	0.1%

195		3	0%
200		613	4.1%
205		2	0%
208		2	0%
210		44	0.3%
214		2	0%
215		1	0%
220		35	0.2%
225		4	0%
227		1	0%
230		27	0.2%
233		1	0%
235		10	0.1%
240		18	0.1%
245		1	0%
250		281	1.9%
254		1	0%
260		30	0.2%
265		8	0.1%
266		22	0.1%
267		1	0%
270		91	0.6%
273		1	0%
275		18	0.1%
277		2	0%
280		146	1%
285		3	0%
286		1	0%
290		49	0.3%
292		2	0%
295		8	0.1%
300		601	4%
310		8	0.1%
320		49	0.3%
325		8	0.1%
330		21	0.1%
335		1	0%
340		7	0%
345		2	0%

350		243	1.6%
360		2	0%
370		19	0.1%
375		3	0%
380		10	0.1%
388		1	0%
389		1	0%
390		2	0%
398		1	0%
400		234	1.6%
415		1	0%
420		8	0.1%
425		2	0%
430		2	0%
440		2	0%
441		1	0%
450		43	0.3%
460		3	0%
465		1	0%
475		1	0%
480		4	0%
500		126	0.8%
520		1	0%
530		1	0%
540		1	0%
550		26	0.2%
570		7	0%
575		1	0%
580		7	0%
585		3	0%
600		52	0.3%
640		1	0%
650		13	0.1%
660		3	0%
666		1	0%
680		1	0%
700		41	0.3%
750		4	0%
800		56	0.4%

850		2	0%
900		7	0%
950		1	0%
967		1	0%
999	999	233	1.5%
1000		67	0.4%
1008		1	0%
1010		1	0%
1033		1	0%
1050		1	0%
1070		12	0.1%
1080		10	0.1%
1100		1	0%
1140		2	0%
1170		2	0%
1175		1	0%
1180		2	0%
1200		21	0.1%
1210		1	0%
1300		2	0%
1400		1	0%
1450		2	0%
1500		4	0%
1560		1	0%
1665		2	0%
1800		5	0%
2000		23	0.2%
2100		1	0%
3000		1	0%
4500		1	0%
5000		1	0%
5268		1	0%
6666		2	0%
9996		1	0%
9999	999	6020	39.9%
55555		1	0%
99990		1	0%
99999	999	68	0.5%
Sysmiss		17817	

S2Q28: 2.28. What was the quantity used for own consumption?

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0   Minimum: -1   Maximum: 630800   Mean: 479.933   Standard deviation: 7637.753
Type: Continuous   Decimal: 0   Width: 10   Range: -1 - 630800   Format: Numeric

S2Q29: 2.29. What was the quantity used as wages?

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0   Minimum: 0   Maximum: 18300   Mean: 24.339   Standard deviation: 554.401
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 18300   Format: Numeric

S2Q30: 2.30. What was the quantity used as farm rent?

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0   Minimum: 0   Maximum: 12000   Mean: 2.554   Standard deviation: 74.451
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 12000   Format: Numeric

S2Q31: 2.31. What was the quantity used as gift?

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0   Minimum: 0   Maximum: 14180   Mean: 21.113   Standard deviation: 229.788
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 14180   Format: Numeric

S2Q32: 2.32. What was the quantity exchanged for other goods?

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0   Minimum: 0   Maximum: 200   Mean: 0.108   Standard deviation: 2.971
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 200   Format: Numeric

S2Q33: 2.33. What was the quantity used as seeds?

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0   Minimum: 0   Maximum: 329880   Mean: 114.673   Standard deviation: 4857.383
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 329880   Format: Numeric

S2Q34: 2.34. What was the quantity used to feed animals?

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0   Minimum: 0   Maximum: 450000   Mean: 361.698   Standard deviation: 8144.201
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 450000   Format: Numeric

S2Q35: 2.35. What was the quantity stored?

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0   Minimum: 0   Maximum: 122000   Mean: 33.782   Standard deviation: 1761.861
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 122000   Format: Numeric

S2Q36: 2.36. Which is the storage facility used by the household?

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 1090   Invalid: 31816
Type: Discrete   Decimal: 0   Width: 50   Range: 1 - 5   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Own storage/Modern	20	1.8%
2	Public owned storage	41	3.8%
3	Storage owned by Cooperatives or private companies	14	1.3%
4	Traditional Storage	1008	92.5%
5	Other storage	7	0.6%
Sysmiss		31816	

S2Q37: 2.37. What was the quantity lost after harvest?

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0   Minimum: 0   Maximum: 200000   Mean: 25.968   Standard deviation: 1562.554
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 200000   Format: Numeric

S2Q38: 2.38. What was the quantity used in other forms?

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0   Minimum: 0   Maximum: 180670   Mean: 11.442   Standard deviation: 1147.215
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 180670   Format: Numeric

HARVESTED_AREA: Harvested crop area in ha

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0   Minimum: 0.000184   Maximum: 831.909   Mean: 0.727   Standard deviation: 13.885
Type: Continuous   Decimal: 0   Width: 9   Range: 0.000183789481525309 - 831.908935546875   Format: Numeric

CROPGROUP: Crop category and major crops

Data file: rwa-sas-seasonA_Crop production

Overview

Valid: 32906   Invalid: 0
Type: Discrete   Decimal: 0   Width: 51   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Cereals	8526	25.9%
2	Vegetables and Melons	825	2.5%
3	Fruit and Nuts	5674	17.2%
4	Oilseed crops	1772	5.4%
5	Root/tuber crops with high starch or inulin content	6566	20%
6	Beverage and spice crops	97	0.3%
7	Leguminous crops	8995	27.3%
8	Sugar crops	70	0.2%
91	Grasses and other fodder crops	276	0.8%
99	Other crops	105	0.3%

SEGMENT_ID: 1.0 Segment Identification

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Valid: 18786   Invalid: 0   Minimum: 12001   Maximum: 572059   Mean: 355441.15   Standard deviation: 152494.219
Type: Continuous   Decimal: 0   Width: 10   Range: 12001 - 572059   Format: Numeric

S1Q1: 1.1 Province

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Valid: 18786   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 5   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Kigali	1317	7%
2	South	4033	21.5%
3	West	4198	22.3%
4	North	3320	17.7%
5	East	5918	31.5%

S1Q2: 1.2 District

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Valid: 18786   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 11 - 57   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
11	Nyarugenge	400	2.1%
12	Gasabo	577	3.1%
13	Kicukiro	340	1.8%
21	Nyanza	513	2.7%
22	Gisagara	687	3.7%
23	Nyaruguru	363	1.9%

24	Huye	495	2.6%
25	Nyamagabe	514	2.7%
26	Ruhango	446	2.4%
27	Muhanga	549	2.9%
28	Kamonyi	466	2.5%
31	Karongi	493	2.6%
32	Rutsiro	572	3%
33	Rubavu	697	3.7%
34	Nyabihu	668	3.6%
35	Ngororero	519	2.8%
36	Rusizi	658	3.5%
37	Nyamasheke	591	3.1%
41	Rulindo	673	3.6%
42	Gakenke	684	3.6%
43	Musanze	651	3.5%
44	Burera	729	3.9%
45	Gicumbi	583	3.1%
51	Rwamagana	739	3.9%
52	Nyagatare	1165	6.2%
53	Gatsibo	1033	5.5%
54	Kayonza	911	4.8%
55	Kirehe	859	4.6%
56	Ngoma	507	2.7%
57	Bugesera	704	3.7%

S1Q3: 1.3 Stratum

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Valid: 18786   Invalid: 0
Type: Discrete   Decimal: 0   Width: 35   Range: 0 - 40   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Large scale farmer	1346	7.2%
11	Intensive cropland on hillsides	13515	71.9%
20	Intensive cropland in marshlands	2993	15.9%

30	Rangelands	932	5%
40	Household/ Village stratum	0	0%

S1Q4: 1.4 Segment

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Valid: 18786   Invalid: 0   Minimum: 0   Maximum: 70   Mean: 16.043   Standard deviation: 13.343
Type: Continuous   Decimal: 0   Width: 8   Range: 0 - 70   Format: Numeric

S2Q1: 2.1 Plot number

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Valid: 18786   Invalid: 0   Minimum: 1   Maximum: 93   Mean: 24.636   Standard deviation: 16.292
Type: Continuous   Decimal: 0   Width: 8   Range: 1 - 93   Format: Numeric

S2Q2: 2.2 Ptot area in sqm

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Valid: 18786   Invalid: 0   Minimum: 24.647   Maximum: 10567158   Mean: 27122.579   Standard deviation: 295048.213
Type: Continuous   Decimal: 0   Width: 8   Range: 24.646728515625 - 10567158   Format: Numeric

S2Q3_6: 2.3.6 Farmer type

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Valid: 18786   Invalid: 0
Type: Discrete   Decimal: 0   Width: 18   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	small scale farmer	17440	92.8%
2	large scale farmer	1346	7.2%

S3Q1: 3.1 Have you used organic fertilizer in this plot during this season?

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Valid: 18786   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	10533	56.1%
2	No	8253	43.9%

S3Q2: 3.2 Quantity of Organic fertilizer used (in Kg)

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Valid: 10533   Invalid: 8253   Minimum: 5   Maximum: 3040000   Mean: 5340.144   Standard deviation: 78271.473

Type: Continuous   Decimal: 0   Width: 10   Range: 5 - 3040000   Format: Numeric

S3Q3: 3.3 Quantity of Organic fertilizer purchased

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Valid: 10533   Invalid: 8253   Minimum: 0   Maximum: 3040000   Mean: 2274.173   Standard deviation: 64475.346

Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 3040000   Format: Numeric

S3Q4: 3.4 Cost of Organic fertilizer purchased (Rwf)

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Valid: 10533   Invalid: 8253   Minimum: 0   Maximum: 30522000   Mean: 26891.983   Standard deviation: 736218.184

Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 30522000   Format: Numeric

S3Q5: 3.5 Have you used inorganic fertilizer in this plot during this season?

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Valid: 18786   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	6907	36.8%
2	No	11879	63.2%

S3Q6: 3.6 Inorganic fertilizer type

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Valid: 6220   Invalid: 12566
Type: Discrete   Decimal: 0   Width: 26   Range: 1 - 9   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	NPK 17-17-17	1133	18.2%
2	NPK 20-10-10	24	0.4%
3	NPK 25-5-5	8	0.1%
4	Urea	2254	36.2%
5	Liquid urea	27	0.4%
6	DAP	2576	41.4%
7	TSP	0	0%
8	KCL/MOP	8	0.1%
9	Other inorganic fertilizer	190	3.1%
Sysmiss		12566	

S3Q7: 3.7 Unit

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Valid: 6220   Invalid: 12566
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 4   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Kg	6091	97.9%
2	g	32	0.5%
3	l	86	1.4%
4	cc	11	0.2%
Sysmiss		12566	

S3Q8: 3.8 Total quantity of inorganic fertilizer used

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Valid: 6220   Invalid: 12566   Minimum: 0.01   Maximum: 148400   Mean: 658.498   Standard deviation: 5011.358

Type: Continuous   Decimal: 0   Width: 10   Range: 0.01 - 148400   Format: Numeric

S3Q9: 3.9 Quantity of inorganic fertilizer purchased

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Valid: 6220   Invalid: 12566   Minimum: 0   Maximum: 148400   Mean: 637.209   Standard deviation: 4912.246
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 148400   Format: Numeric

S3Q10: 3.10 Unit Price(Rwf)

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Valid: 6220   Invalid: 12566   Minimum: 0   Maximum: 201000   Mean: 549.757   Standard deviation: 2651.973
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 201000   Format: Numeric

S3Q11: 3.11 What is the main source of fertilizer used?

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Valid: 6220   Invalid: 12566
Type: Discrete   Decimal: 0   Width: 23   Range: 1 - 6   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Agro-dealers	3548	57%
2	NGOs	1564	25.1%
3	Market	570	9.2%
4	MINAGRI/RAB/NAEB	364	5.9%
5	Agriculture cooperative	97	1.6%
6	Other place(Specify)	77	1.2%
Sysmiss		12566	

S3Q12: 3.12 What was the main crop the fertilizer was applied?

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Valid: 6220   Invalid: 12566
Type: Discrete   Decimal: 0   Width: 28   Range: 101 - 520   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
101	Maize	3488	56.1%
102	Paddy rice	380	6.1%
103	Sorghum	43	0.7%
104	Wheat	24	0.4%
105	Other cereal(specify)	0	0%
106	Bush bean	155	2.5%
107	Climbing bean	448	7.2%
108	Pea	12	0.2%
109	Other pulse	0	0%
111	Irish potato	814	13.1%
112	Sweet potato	18	0.3%
114	Tomato	225	3.6%
115	Cabbage	54	0.9%
116	Cauliflower	3	0%
117	Onion	50	0.8%
118	Carrot	18	0.3%

119	Eggplant	154	2.5%
120	Other seasonal vegetable	1	0%
128	Soybean	26	0.4%
129	Groundnut	21	0.3%
130	Sun flower	0	0%
134	Other seasonal crop	4	0.1%
135	Black eggplant	8	0.1%
136	Sweet pepper	37	0.6%
138	Amaranth	16	0.3%
139	Celery	0	0%
140	Spinach	0	0%
141	Small red bean	0	0%
142	Sugar beet	3	0%
143	Garlic	21	0.3%
144	African cabbage	0	0%
145	Leek	1	0%
146	French bean	38	0.6%
147	Letus	0	0%
148	Brocolli	5	0.1%
162	Millet	5	0.1%
165	Other tuber (specify)	0	0%
167	Cucumber	0	0%
168	Water melon	17	0.3%
213	Taro	5	0.1%
214	Yam	0	0%
220	Other annual vegetable	0	0%
233	Pyrethrum	0	0%
234	Other annual crop	5	0.1%
237	Pepper	27	0.4%
249	Napia grass	0	0%
257	Tree tomato	10	0.2%
265	Other tuber	0	0%
266	Pumpkin	2	0%
310	Cassava	8	0.1%
320	Other perennial vegetable	0	0%
321	Cooking banana	5	0.1%
322	Dessert banana	3	0%
323	Banana for beer	4	0.1%
324	Pineapple	0	0%

325	Avocado	0	0%
326	Passion fruit	21	0.3%
327	Other fruit	0	0%
331	Other oil seed	0	0%
332	Coffee	11	0.2%
334	Other perennial crop	3	0%
350	Sugar cane	8	0.1%
352	Macadamia	10	0.2%
353	Olive	0	0%
354	Mango	0	0%
355	Apple	0	0%
356	Papaya	0	0%
358	Orange	0	0%
359	Lemon	0	0%
360	Guava	0	0%
361	Mulberry	0	0%
363	Stevia	1	0%
364	Jatropha	0	0%
365	Other tuber (specify)	0	0%
368	Palm	1	0%
369	Tea	0	0%
511	Napia grass for fodder	4	0.1%
512	Maize for fodder	3	0%
513	Soya for fodder	0	0%
514	Leucena	0	0%
515	Desmodium	0	0%
516	Mucuna	0	0%
517	Setaria	0	0%
518	Tripsacum	0	0%
519	Other fodder crop (specify).	0	0%
520	Natural grassland	0	0%
Sysmiss		12566	

S3Q13: 3.13 Have you used pesticides in this plot during this season?

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Valid: 18786   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

Value	Category	Cases	
1	Yes	5062	26.9%
2	No	13724	73.1%

S3Q14: 3.14 Pesticide type

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Valid: 4136   Invalid: 14650
Type: Discrete   Decimal: 0   Width: 15   Range: 1 - 10   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Dithane	987	23.9%
2	Ridomil	300	7.3%
3	Dimethoate	120	2.9%
4	Cypermethrin	801	19.4%
5	Dursiban	9	0.2%
6	Tilt	0	0%
7	Pilkare	0	0%
8	Rocket	1491	36%
9	Beam	97	2.3%
10	Other Pesticide	331	8%
Sysmiss		14650	

S3Q15: 3.15 Unit

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Valid: 4136   Invalid: 14650
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 4   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Kg	1182	28.6%
2	g	321	7.8%
3	l	694	16.8%
4	cc	1939	46.9%
Sysmiss		14650	

S3Q16: 3.16 Total Quantity of pesticide used in this plot

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Valid: 4136   Invalid: 14650   Minimum: 0.01   Maximum: 92750   Mean: 169.044   Standard deviation: 1957.11
Type: Continuous   Decimal: 0   Width: 10   Range: 0.01 - 92750   Format: Numeric

S3Q17: 3.17 Quantity of pesticide purchased

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Valid: 4136   Invalid: 14650   Minimum: 0   Maximum: 92750   Mean: 163.564   Standard deviation: 1943.282
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 92750   Format: Numeric

S3Q18: 3.18 Total amount spent on quantity bought (Rwf)

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Valid: 4033   Invalid: 14753   Minimum: 12   Maximum: 20488000   Mean: 55341.152   Standard deviation: 516128.842
Type: Continuous   Decimal: 0   Width: 12   Range: 12 - 20488000   Format: Numeric

S3Q19: 3.19 What was the main crop the pesticide was applied?

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Valid: 4136   Invalid: 14650
Type: Discrete   Decimal: 0   Width: 29   Range: 101 - 520   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
101	Maize	1252	30.3%

102	Paddy rice	273	6.6%
103	Sorghum	14	0.3%
104	Wheat	5	0.1%
105	Other cereal(specify)	0	0%
106	Bush bean	66	1.6%
107	Climbing bean	174	4.2%
108	Pea	29	0.7%
109	Other pulse	0	0%
111	Irish potato	1162	28.1%
112	Sweet potato	3	0.1%
114	Tomato	452	10.9%
115	Cabbage	68	1.6%
116	Cauliflower	3	0.1%
117	Onion	84	2%
118	Carrot	30	0.7%
119	Eggplant	142	3.4%
120	Other seasonal vegetable	3	0.1%
128	Soybean	8	0.2%
129	Groundnut	26	0.6%
130	Sun flower	0	0%
134	Other seasonal crop	4	0.1%
135	Black eggplant	4	0.1%
136	Sweet pepper	50	1.2%
138	Amaranth	9	0.2%
139	Celery	0	0%
140	Spinach	0	0%
141	Small red bean	0	0%
142	Sugar beet	3	0.1%
143	Garlic	24	0.6%
144	African cabbage	0	0%
145	Leek	0	0%
146	French bean	56	1.4%
147	Letus	0	0%
148	Brocolli	6	0.1%
162	Millet	2	0%
165	Other tuber (specify)	0	0%
167	Cucumber	2	0%
168	Water melon	26	0.6%
213	Taro	0	0%

214	Yam	0	0%
220	Other annual vegetable	0	0%
233	Pyrethrum	0	0%
234	Other annual crop	5	0.1%
237	Pepper	22	0.5%
249	Napia grass	0	0%
257	Tree tomato	29	0.7%
265	Other tuber	0	0%
266	Pumpkin	3	0.1%
310	Cassava	1	0%
320	Other perennial vegetable	0	0%
321	Cooking banana	2	0%
322	Dessert banana	0	0%
323	Banana for beer	0	0%
324	Pineapple	0	0%
325	Avocado	4	0.1%
326	Passion fruit	30	0.7%
327	Other fruit	0	0%
331	Other oil seed	0	0%
332	Coffee	7	0.2%
334	Other perennial crop	7	0.2%
350	Sugar cane	2	0%
352	Macadamia	4	0.1%
353	Olive	0	0%
354	Mango	23	0.6%
355	Apple	0	0%
356	Papaya	0	0%
358	Orange	4	0.1%
359	Lemon	1	0%
360	Guava	0	0%
361	Mulberry	0	0%
363	Stevia	2	0%
364	Jatropha	0	0%
365	Other tuber (specify)	0	0%
368	Palm	2	0%
369	Tea	0	0%
511	Napia grass for fodder	0	0%
512	Maize for fodder	8	0.2%
513	Soya for fodder	0	0%

514	Leucena	0	0%
515	Desmodium	0	0%
516	Mucuna	0	0%
517	Setaria	0	0%
518	Tripsacum	0	0%
519	Other fodder crop (specify).	0	0%
520	Natural grassland	0	0%
Sysmiss		14650	

WEIGHT: Segment weight

Data file: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Valid: 18786   Invalid: 0   Minimum: 1   Maximum: 1537.831   Mean: 438.815   Standard deviation: 322.48
Type: Continuous   Decimal: 0   Width: 10   Range: 1 - 1537.83059817529   Format: Numeric

SEGMENT_ID: 1.0 Segment identification

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 19805   Invalid: 0   Minimum: 12001   Maximum: 572059   Mean: 356802.381   Standard deviation: 148834.544
Type: Continuous   Decimal: 0   Width: 10   Range: 12001 - 572059   Format: Numeric

S2Q1: 2.1 Plot number

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 19805   Invalid: 0   Minimum: 1   Maximum: 93   Mean: 24.922   Standard deviation: 16.128
Type: Continuous   Decimal: 0   Width: 8   Range: 1 - 93   Format: Numeric

S1Q1: 1.1 Province

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 19805   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 5   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Kigali	1537	7.8%
2	South	4674	23.6%
3	West	3977	20.1%
4	North	3756	19%
5	East	5861	29.6%

S1Q2: 1.2 District

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 19805   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 11 - 57   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
11	Nyarugenge	413	2.1%
12	Gasabo	702	3.5%
13	Kicukiro	422	2.1%
21	Nyanza	547	2.8%
22	Gisagara	731	3.7%
23	Nyaruguru	489	2.5%
24	Huye	602	3%
25	Nyamagabe	601	3%
26	Ruhango	474	2.4%
27	Muhanga	642	3.2%
28	Kamonyi	588	3%
31	Karongi	538	2.7%
32	Rutsiro	708	3.6%
33	Rubavu	516	2.6%
34	Nyabihu	545	2.8%
35	Ngororero	538	2.7%
36	Rusizi	607	3.1%
37	Nyamasheke	525	2.7%
41	Rulindo	804	4.1%
42	Gakenke	698	3.5%
43	Musanze	631	3.2%
44	Burera	849	4.3%
45	Gicumbi	774	3.9%
51	Rwamagana	728	3.7%
52	Nyagatare	1164	5.9%
53	Gatsibo	986	5%
54	Kayonza	907	4.6%
55	Kirehe	965	4.9%
56	Ngoma	497	2.5%
57	Bugesera	614	3.1%

S1Q3: 1.3 Stratum

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 19805   Invalid: 0
Type: Discrete   Decimal: 0   Width: 35   Range: 0 - 50   Format: Numeric

Questions and instructions

Value	Category	Cases	
0	LSF	1072	5.4%
11	11 Intensive cropland on hillsides	15046	76%
20	20 Intensive cropland in marshlands	2714	13.7%
30	30 Rangelands	973	4.9%
40	40 Household/ Village stratum	0	0%
50	50 Large scale farmer	0	0%

S1Q4: 1.4 Segment

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 19805   Invalid: 0   Minimum: 0   Maximum: 70   Mean: 16.118   Standard deviation: 13.069
Type: Continuous   Decimal: 0   Width: 8   Range: 0 - 70   Format: Numeric

S2Q2: 2.2 Ptot area in sqm

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 19805   Invalid: 0   Minimum: 24.647   Maximum: 10567158   Mean: 15301.512   Standard deviation: 203406.593
Type: Continuous   Decimal: 0   Width: 8   Range: 24.646728515625 - 10567158   Format: Numeric

S2Q3_6: 2.3.6 Farmer type

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 19805   Invalid: 0
Type: Discrete   Decimal: 0   Width: 18   Range: 1 - 2   Format: Numeric

Questions and instructions

Value	Category	Cases	
1	small scale farmer	18733	94.6%
2	large scale farmer	1072	5.4%

S4Q1: 4.1 What is the degree of erosion on this plot?

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 19805   Invalid: 0
Type: Discrete   Decimal: 0   Width: 88   Range: 1 - 3   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Severe (Rill erosion, Gully erosion , Mass movement/landslides)	333	1.7%
2	Moderate (Diffuse overland flow erosion, Overland flow erosion, erosion by infiltration)	2000	10.1%
3	Weak erosion (Splash erosion, Wind erosion)	17472	88.2%

S4Q2: 4.2 Is there any anti erosion activity on this plot?

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 19805   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	15440	78%
2	No	4365	22%

S4Q3: 4.3 Types of anti-erosion activities existing in the plot (code)

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 15440   Invalid: 4365
Type: Discrete   Decimal: 0   Width: 30   Range: 0 - 9   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	NA	0	0%
1	Ditches	1540	10%

2	Trees / Wind break/Shelterbelt	510	3.3%
3	Progressive terraces	1438	9.3%
4	Bench terraces	736	4.8%
5	Cover plants/grasses	7949	51.5%
6	Water drainage	1160	7.5%
7	Mulching	499	3.2%
8	Beds/ridges	1598	10.3%
9	others (specify)	10	0.1%
Sysmiss		4365	

S4Q4: 4.4 Was this anti-erosion activity done during the current agricultur

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 15440   Invalid: 4365
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	1475	9.6%
2	No	13965	90.4%
Sysmiss		4365	

S4Q5: 4.5 What is the total cost of anti-erosion activity done during this season(R

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 1475   Invalid: 18330   Minimum: 0   Maximum: 5120000   Mean: 17854.136   Standard deviation: 218312.632
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 5120000   Format: Numeric

S4Q6: 4.6 Is this plot fenced?

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 19805   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	499	2.5%
2	No	19306	97.5%

S4Q7: 4.7 Was this fence done during the current agricultural season?

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 499   Invalid: 19306
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	28	5.6%
2	No	471	94.4%
Sysmiss		19306	

S4Q8: 4.8 Activity cost (RWF)

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 28   Invalid: 19777   Minimum: 0   Maximum: 300000   Mean: 21692.857   Standard deviation: 60361.607
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 300000   Format: Numeric

S4Q9: 4.9 Amount spent on manpower to prepare land, sowing and any other agricultural

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 19805   Invalid: 0   Minimum: 0   Maximum: 506554125   Mean: 323190.687   Standard deviation: 7142384.307
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 506554125   Format: Numeric

S4Q10_1: 4.10.1 Have you used ploughing animals (oxen) during this season?

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 19805   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	1	0%
2	No	19804	100%

S4Q10_2: 4.10.2 At which stage of agriculture practice did you use animal ploughing?

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 1   Invalid: 0
Type: Discrete   Width: 15   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
AB		1	100%

S4Q10_3: 4.10.3 Amount paid on rent of ploughing animals during this season(Rwf)

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 1   Invalid: 19804
Type: Discrete   Decimal: 0   Width: 10   Range: 25000 - 25000   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
25000		1	100%
Sysmiss		19804	

S4Q11_3: 4.11.3 Amount paid on rent of ploughing tractor (Rwf)

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 81   Invalid: 19724   Minimum: 0   Maximum: 242515000   Mean: 7360670.37   Standard deviation: 35728771.304
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 242515000   Format: Numeric

---

S4Q12_1: 4.12.1 Have you used any other mechanical equipment during this season?

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 19805   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	15	0.1%
2	No	19790	99.9%

S4Q12_2: 4.14.2 At which stage of agriculture practice did you use other mechanical?

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 15   Invalid: 19790
Type: Discrete   Decimal: 0   Width: 34   Range: 1 - 18   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Ploughing	0	0%
2	Soil levelling	0	0%
3	Raking	0	0%
4	Manuring	0	0%
5	Sowing	0	0%
6	Weeding	0	0%
7	Irrigation	0	0%
8	Harvesting	0	0%
9	Threshing	11	73.3%
10	Winnowing	0	0%
11	Harvest packing	0	0%

12	Pesticides Spraying	0	0%
13	padelling	0	0%
14	Other stage(Specify)	0	0%
15	Harvesting,Threshing and padelling	1	6.7%
16	Harvesting and Winnowing	1	6.7%
17	Threshing and Winnowing	1	6.7%
18	Threshing,Winnowing and padelling	1	6.7%
Sysmiss		19790	

S4Q12_3: 4.12.3 Name of other mechanical equipment used during this season

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 15   Invalid: 0
Type: Discrete   Width: 40   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
Harvester		2	13.3%
Ploughing		1	6.7%
Raking		1	6.7%
Threshing machine		11	73.3%

S4Q12_4: 4.12.4 Rent cost for the other mechanical equipment (Rwf)

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 15   Invalid: 19790   Minimum: 0   Maximum: 150000000   Mean: 12552000   Standard deviation: 39214735.241
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 150000000   Format: Numeric

S4Q13: 4.13 Have you irrigated your plot during this season?

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 19805   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	645	3.3%
2	No	19160	96.7%

S4Q14: 4.14 What is the source of water for irrigation?

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 645   Invalid: 19160
Type: Discrete   Decimal: 0   Width: 21   Range: 1 - 6   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Rainwater harvesting	7	1.1%
2	Water treatment plant	23	3.6%
3	Underground water	185	28.7%
4	Lake / stream water	337	52.2%
5	Water catchment (dam)	92	14.3%
6	Other (to specify)	1	0.2%
Sysmiss		19160	

S4Q15: 4.15 What is main irrigation technique used on this plot?

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 645   Invalid: 19160
Type: Discrete   Decimal: 0   Width: 39   Range: 1 - 5   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Surface irrigation	55	8.5%
2	Flood irrigation (especially for rice)	177	27.4%
3	Drip irrigation	24	3.7%

4	Sprinkler irrigation	47	7.3%
5	Traditional techniques	342	53%
Sysmiss		19160	

S4Q11_1: 4.11.1 Have you used a ploughing tractor during this season?

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 19805   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	81	0.4%
2	No	19724	99.6%

S4Q11_2: 4.11.2 At which stage of agriculture practice did you use ploughing machine?

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 81   Invalid: 19724
Type: Discrete   Decimal: 0   Width: 52   Range: 1 - 29   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Ploughing	22	27.2%
2	Soil levelling	0	0%
3	Raking	0	0%
4	Manuring	0	0%
5	Sowing	0	0%
6	Weeding	0	0%
7	Irrigation	0	0%
8	Harvesting	1	1.2%
9	Threshing	0	0%
10	Winnowing	0	0%
11	Harvest packing	0	0%

12	Pesticides Spraying	0	0%
13	padelling	0	0%
14	Other stage(Specify)	0	0%
15	Ploughing and Soil levelling	38	46.9%
16	Ploughing,Soil levelling and Raking	2	2.5%
17	Ploughing,Soil levelling ,Raking,Manuring and Sowing	1	1.2%
18	Ploughing,Soil levelling,Manuring and Sowing	4	4.9%
19		9	11.1%
20	Ploughing,Soil levelling,Sowing and Irrigation	3	3.7%
21	Ploughing,Soil levelling and Pesticides Spraying	1	1.2%
29	Ploughing,Soil levelling and Sowing	0	0%
Sysmiss		19724	

S4Q16: 4.16 What is the irrigation tool you have used?

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 645   Invalid: 19160
Type: Discrete   Decimal: 0   Width: 55   Range: 1 - 3456   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Pivot	26	4%
2	Irrigation machine	12	1.9%
3	Generator+Pump	39	6%
4	Pumps/tubes wells	10	1.6%
5	Water can	220	34.1%
6	Water channels	206	31.9%
7	Other	66	10.2%
13	Pivot and Irrigation machine	1	0.2%
16	Irrigation machine and Water channels	2	0.3%
25	Irrigation machine and Water can	1	0.2%
34	Generator+Pump and Pumps/tubes wells	26	4%
35	Generator+Pump and Water can	1	0.2%
36	Generator+Pump and Water channels	3	0.5%
45	Pumps/tubes wells and Water can	1	0.2%
46	Pumps/tubes wells and Water channels	2	0.3%

56	Water can and Water channels	7	1.1%
57	Water can and Other	3	0.5%
234	Irrigation machine,Generator+Pump and Pumps/tubes wells	12	1.9%
346	Generator+Pump,Pumps/tubes wells and Water channels	6	0.9%
3456	Generator+Pump,Pumps/tubes,Water can and Water channels	1	0.2%
Sysmiss		19160	

S4Q17: 4.17 Total cost of irrigation?

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 645   Invalid: 19160   Minimum: 0   Maximum: 35000000   Mean: 679184.481   Standard deviation: 2974218.027
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 35000000   Format: Numeric

S4Q18: 4.18 What was the main crop to irrigate?

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 645   Invalid: 19160
Type: Discrete   Decimal: 0   Width: 29   Range: 101 - 555   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
101	Maize	70	10.9%
102	Paddy rice	198	30.7%
103	Sorghum	0	0%
104	Wheat	0	0%
105	Other cereal	0	0%
106	Bush bean	13	2%
107	Climbing bean	1	0.2%
108	Pea	0	0%
109	Other pulse	0	0%
111	Irish potato	4	0.6%
112	Sweet potato	13	2%
114	Tomato	108	16.7%
115	Cabbage	30	4.7%
116	Cauliflower	0	0%

117	Onion	8	1.2%
118	Carrot	7	1.1%
119	Eggplant	56	8.7%
120	Other seasonal vegetable	2	0.3%
128	Soybean	4	0.6%
129	Groundnut	19	2.9%
130	Sun flower	0	0%
134	Other seasonal crop	2	0.3%
135	Black eggplant	4	0.6%
136	Sweet pepper	16	2.5%
138	Amaranth	17	2.6%
139	Celery	0	0%
140	Spinach	0	0%
141	Small red bean	0	0%
142	Sugar beet	1	0.2%
143	Garlic	0	0%
144	African cabbage	0	0%
145	Leek	0	0%
146	French bean	12	1.9%
147	Letus	0	0%
148	Brocolli	3	0.5%
162	Millet	0	0%
165	Other tuber (specify)	0	0%
167	Cucumber	0	0%
168	Watermelon	8	1.2%
213	Taro	4	0.6%
214	Yam	0	0%
220	Other annual vegetable	0	0%
233	Pyrethrum	0	0%
234	Other annual crop	4	0.6%
237	Pepper	14	2.2%
249	Napia grass	0	0%
257	Tree tomato	0	0%
265	Other tuber	0	0%
266	Pumpkin	2	0.3%
310	Cassava	1	0.2%
320	Other perennial Vegetables	0	0%
321	Cooking banana	3	0.5%
322	Dessert banana	0	0%

323	Banana for beer	0	0%
324	Pineapple	0	0%
325	Avocado	0	0%
326	Passion fruit	6	0.9%
327	Other fruit	0	0%
332	Coffee	0	0%
334	Other perennial crop	1	0.2%
350	Sugar cane	0	0%
352	Macadamia	5	0.8%
354	Mango	0	0%
355	Apple	0	0%
356	Papaya	1	0.2%
358	Orange	0	0%
359	Lemon	0	0%
360	Guava	0	0%
361	Mulberry	0	0%
363	Stevia	1	0.2%
364	Jatropha	0	0%
365	Other perennial tuber	0	0%
368	Palm	0	0%
369	Tea	0	0%
444	Sugar apple	0	0%
511	Napia grass for fodder	3	0.5%
512	Maize for fodder	2	0.3%
513	Soybean for fodder	0	0%
514	Leucena	0	0%
515	Desmodium	0	0%
516	Mucuna	0	0%
517	Setaria	0	0%
518	Tripsacum	0	0%
519	Other fodder crop (specify).	2	0.3%
520	Herbaceous	0	0%
555	Jackfruit	0	0%
Sysmiss		19160	

WEIGHT: Segment weight

Data file: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Valid: 19805   Invalid: 0   Minimum: 1   Maximum: 1537.831   Mean: 467.495   Standard deviation: 323.274
Type: Continuous   Decimal: 0   Width: 10   Range: 1 - 1537.83059817529   Format: Numeric

SEGMENT_ID: 1.0 Segment identification

Data file: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Valid: 63292   Invalid: 0   Minimum: 12001   Maximum: 572059   Mean: 360734.597   Standard deviation: 152190.994
Type: Continuous   Decimal: 0   Width: 10   Range: 12001 - 572059   Format: Numeric

S2Q1: 2.1 Plot number

Data file: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Valid: 63292   Invalid: 0   Minimum: 1   Maximum: 93   Mean: 24.942   Standard deviation: 16.308
Type: Continuous   Decimal: 0   Width: 8   Range: 1 - 93   Format: Numeric

S1Q1: 1.1 Province

Data file: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Valid: 63292   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 5   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Kigali	4768	7.5%
2	South	14176	22.4%
3	West	12588	19.9%
4	North	10988	17.4%
5	East	20772	32.8%

S1Q2: 1.2 District

Data file: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Valid: 63292   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 11 - 57   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
11	Nyarugenge	1420	2.2%
12	Gasabo	2128	3.4%
13	Kicukiro	1220	1.9%
21	Nyanza	1832	2.9%
22	Gisagara	2244	3.5%
23	Nyaruguru	1188	1.9%
24	Huye	1736	2.7%
25	Nyamagabe	1740	2.7%
26	Ruhango	1688	2.7%
27	Muhanga	2028	3.2%
28	Kamonyi	1720	2.7%
31	Karongi	1620	2.6%
32	Rutsiro	1860	2.9%
33	Rubavu	1648	2.6%
34	Nyabihu	1912	3%
35	Ngororero	1788	2.8%
36	Rusizi	1916	3%
37	Nyamasheke	1844	2.9%
41	Rulindo	2208	3.5%
42	Gakenke	2128	3.4%
43	Musanze	2076	3.3%
44	Burera	2444	3.9%
45	Gicumbi	2132	3.4%
51	Rwamagana	2396	3.8%
52	Nyagatare	3992	6.3%
53	Gatsibo	3644	5.8%
54	Kayonza	3400	5.4%
55	Kirehe	3276	5.2%
56	Ngoma	1660	2.6%
57	Bugesera	2404	3.8%

S1Q3: 1.3 Stratum

Data file: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Valid: 63292   Invalid: 0
Type: Discrete   Decimal: 0   Width: 35   Range: 0 - 40   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	LSF	3776	6%
11	11 Intensive cropland on hillsides	46800	73.9%
20	20 Intensive cropland in marshlands	9216	14.6%
30	30 Rangelands	3500	5.5%
40	40 Household/ Village stratum	0	0%

S1Q4: 1.4 Segment

Data file: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Valid: 63292　Invalid: 0　Minimum: 0　Maximum: 70　Mean: 16.567　Standard deviation: 13.642
Type: Continuous　Decimal: 0　Width: 8　Range: 0 - 70　Format: Numeric

S2Q2: 2.2 Ptot area in sqm

Data file: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Valid: 63292　Invalid: 0　Minimum: 24.647　Maximum: 10567158　Mean: 16406.948　Standard deviation: 219630.681
Type: Continuous　Decimal: 0　Width: 8　Range: 24.646728515625 - 10567158　Format: Numeric

S2Q3_6: 2.3.6 Farmer type

Data file: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Valid: 63292　Invalid: 0
Type: Discrete　Decimal: 0　Width: 18　Range: 1 - 2　Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	small scale farmer	59516	94%
2	large scale farmer	3776	6%

S5Q1: 5.1 Is this plot owned or rented?

Data file: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Valid: 63292   Invalid: 0
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 3   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Owned	47944	75.8%
2	Free lending	6016	9.5%
3	Rented	9332	14.7%

S5Q2: 5.2 Ownership category

Data file: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Valid: 47944   Invalid: 15348
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 4   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Heritage	21204	44.2%
2	Gift	6720	14%
3	Exchange	252	0.5%
4	Bought	19768	41.2%
Sysmiss		15348	

S5Q3: 5.3 When has this plot been bought?

Data file: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Valid: 19768   Invalid: 43524
Type: Discrete   Decimal: 0   Width: 16   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	This season	320	1.6%
2	Previous seasons	19448	98.4%
Sysmiss		43524	

S5Q4: 5.4 If the plot was purchased during this season or last year, what was the cost

Data file: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Valid: 320   Invalid: 62972   Minimum: 1500   Maximum: 16000000   Mean: 1083987.5   Standard deviation: 2591130.994

Type: Continuous   Decimal: 0   Width: 10   Range: 1500 - 16000000   Format: Numeric

S5Q5: 5.5 If the plot was rented, what kind of payment have you agreed on during this

Data file: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Valid: 9332   Invalid: 53960

Type: Discrete   Decimal: 0   Width: 27   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Payment by cash	8080	86.6%
2	Payment by production share	1252	13.4%
Sysmiss		53960	

S5Q6: 5.6 If the rented plot was paid by cash, what is the amount for this season?

Data file: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Valid: 8080   Invalid: 55212   Minimum: 10   Maximum: 14400000   Mean: 168612.718   Standard deviation: 959050.696

Type: Continuous   Decimal: 0   Width: 16   Range: 10 - 14400000   Format: Numeric

S5Q7: 5.7 What are crops in this plot that have been chosen for production share for t

Data file: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Valid: 582   Invalid: 62710
Type: Discrete   Decimal: 0   Width: 29   Range: 101 - 999   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
101	Maize	177	30.4%
102	Paddy rice	2	0.3%
103	Sorghum	34	5.8%
104	Wheat	0	0%
105	Other cereal	0	0%
106	Bush bean	163	28%
107	Climbing bean	28	4.8%
108	Pea	9	1.5%
109	Other pulse	0	0%
111	Irish potato	13	2.2%
112	Sweet potato	24	4.1%
114	Tomato	1	0.2%
115	Cabbage	1	0.2%
116	Cauliflower	0	0%
117	Onion	0	0%
118	Carrot	0	0%
119	Eggplant	0	0%
120	Other seasonal vegetable	0	0%
128	Soybean	9	1.5%
129	Groundnut	16	2.7%
130	Sun flower	6	1%
134	Other seasonal crop	0	0%
135	Black eggplant	0	0%
136	Sweet pepper	0	0%
138	Amaranth	0	0%
139	Celery	0	0%
140	Spinach	0	0%
141	Small red bean	0	0%
142	Sugar beet	0	0%
143	Garlic	0	0%
144	African cabbage	0	0%
145	Leek	0	0%

146	French bean	0	0%
147	Letus	0	0%
148	Brocolli	0	0%
162	Millet	0	0%
165	Other tuber (specify)	0	0%
167	Cucumber	0	0%
213	Taro	6	1%
214	Yam	0	0%
220	Other annual vegetable	0	0%
233	Pyrethrum	0	0%
234	Other annual crop	0	0%
237	Pepper	0	0%
249	Napia grass	0	0%
265	Other tuber	0	0%
266	Pumpkin	0	0%
310	Cassava	38	6.5%
320	Other perennial vegetable	0	0%
321	Cooking banana	9	1.5%
322	Dessert banana	0	0%
323	Banana for beer	2	0.3%
332	Coffee	1	0.2%
334	Other perennial crop	0	0%
350	Sugar cane	0	0%
361	Mulberry	0	0%
363	Stevia	0	0%
364	Jatropha	0	0%
365	Other perennial tuber	0	0%
368	Palm	0	0%
369	Tea	0	0%
511	Napia grass for fodder	0	0%
512	Maize for fodder	0	0%
513	Soybean for fodder	0	0%
514	Leucena	0	0%
515	Desmodium	0	0%
516	Mucuna	0	0%
517	Setaria	0	0%
518	Tripsacum	0	0%
519	Other fodder crop (specify).	0	0%
520	Herbaceous	0	0%

999		43	7.4%
Sysmiss		62710	

S5Q8: 5.8 If the rented plot was paid by production share, what is the percentage shar

Data file: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Valid: 539   Invalid: 62753   Minimum: 0   Maximum: 100   Mean: 48.95   Standard deviation: 8.491
Type: Continuous   Decimal: 0   Width: 8   Range: 0 - 100   Format: Numeric

WEIGHT: Segment weight

Data file: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Valid: 63292   Invalid: 0   Minimum: 1   Maximum: 1537.831   Mean: 452.367   Standard deviation: 322.599
Type: Continuous   Decimal: 0   Width: 10   Range: 1 - 1537.83059817529   Format: Numeric

SEGMENT_ID: Segment_ID

Data file: rwa-sas-seasonA-Screening

Overview

Valid: 46854   Invalid: 0   Minimum: 12001   Maximum: 572059   Mean: 363546.549   Standard deviation: 146799.626

Type: Continuous   Decimal: 0   Width: 10   Range: 12001 - 572059   Format: Numeric

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S1Q1: 1.1 Province Name

Data file: rwa-sas-seasonA-Screening

Overview

Valid: 46854   Invalid: 0

Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 5   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Kigali	3720	7.9%
2	South	11714	25%
3	West	9077	19.4%
4	North	7263	15.5%
5	East	15080	32.2%

S1Q2: 1.2 District Name

Data file: rwa-sas-seasonA-Screening

Overview

Valid: 46854   Invalid: 0

Type: Discrete   Decimal: 0   Width: 10   Range: 11 - 57   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
11	Nyarugenge	1118	2.4%
12	Gasabo	1604	3.4%
13	Kicukiro	998	2.1%
21	Nyanza	1399	3%
22	Gisagara	1806	3.9%
23	Nyaruguru	1203	2.6%

24	Huye	1469	3.1%
25	Nyamagabe	1465	3.1%
26	Ruhango	1339	2.9%
27	Muhanga	1713	3.7%
28	Kamonyi	1320	2.8%
31	Karongi	1324	2.8%
32	Rutsiro	1373	2.9%
33	Rubavu	819	1.7%
34	Nyabihu	1082	2.3%
35	Ngororero	1509	3.2%
36	Rusizi	1590	3.4%
37	Nyamasheke	1380	2.9%
41	Rulindo	1722	3.7%
42	Gakenke	1560	3.3%
43	Musanze	1109	2.4%
44	Burera	1391	3%
45	Gicumbi	1481	3.2%
51	Rwamagana	1808	3.9%
52	Nyagatare	3259	7%
53	Gatsibo	2269	4.8%
54	Kayonza	2533	5.4%
55	Kirehe	2478	5.3%
56	Ngoma	1197	2.6%
57	Bugesera	1536	3.3%

AREA_HA: Segment Physical area in ha

Data file: rwa-sas-seasonA-Screening

Overview

Valid: 45235   Invalid: 1619   Minimum: 9.497   Maximum: 52.878   Mean: 12.518   Standard deviation: 9.734
Type: Continuous   Decimal: 0   Width: 10   Range: 9.4966733 - 52.87763   Format: Numeric

S1Q3: 1.3 Stratum (Not applicable for LSF)

Data file: rwa-sas-seasonA-Screening

Overview

Valid: 45235   Invalid: 1619
Type: Discrete   Decimal: 0   Width: 32   Range: 11 - 50   Format: Numeric

Questions and instructions

Value	Category	Cases	
11	Intensive cropland on hillsides	36408	80.5%
20	Intensive cropland in marshlands	6034	13.3%
30	Rangelands	2793	6.2%
40	Household/ Village stratum	0	0%
50	Large scale farmer	0	0%
Sysmiss		1619	

S1Q4: 1.4 Segment (Not applicable for LSF)

Data file: rwa-sas-seasonA-Screening

Overview

Valid: 45235   Invalid: 1619   Minimum: 1   Maximum: 71   Mean: 17.669   Standard deviation: 13.624
Type: Continuous   Decimal: 0   Width: 8   Range: 1 - 71   Format: Numeric

S1Q5: 1.5 Date of visting the segment/LSF(DD/MM/YYY)

Data file: rwa-sas-seasonA-Screening

Overview

Valid: 45235   Minimum: 2018-12-02   Maximum: 2019-01-08
Type: Discrete   Width: 11   Range: -   Format: character

Questions and instructions

Value	Category	Cases	
2018-12-02		32	0.1%
2018-12-03		4131	9.1%
2018-12-04		1217	2.7%
2018-12-05		2638	5.8%
2018-12-06		2597	5.7%
2018-12-07		2533	5.6%
2018-12-08		1692	3.7%
2018-12-09		43	0.1%
2018-12-10		2826	6.2%
2018-12-11		1827	4%
2018-12-12		2282	5%

2018-12-13		1859	4.1%
2018-12-14		2068	4.6%
2018-12-15		1386	3.1%
2018-12-16		94	0.2%
2018-12-17		2475	5.5%
2018-12-18		2075	4.6%
2018-12-19		1864	4.1%
2018-12-20		1865	4.1%
2018-12-21		2031	4.5%
2018-12-22		1315	2.9%
2018-12-23		1270	2.8%
2018-12-24		1286	2.8%
2018-12-27		1296	2.9%
2018-12-28		974	2.2%
2018-12-29		826	1.8%
2018-12-30		183	0.4%
2018-12-31		326	0.7%
2019-01-03		46	0.1%
2019-01-05		169	0.4%
2019-01-07		7	0%
2019-01-08		2	0%

S1Q6: 1.6 Number of grids in the segment(Not applicable for LSF)

Data file: rwa-sas-seasonA-Screening

Overview

Valid: 45235   Invalid: 1619   Minimum: 47   Maximum: 94   Mean: 52.566   Standard deviation: 9.65
Type: Continuous   Decimal: 0   Width: 8   Range: 47 - 94   Format: Numeric

S2Q1: 2.1 Sampled Grid point number

Data file: rwa-sas-seasonA-Screening

Overview

Valid: 46854   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 99 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	

99	na	46854	100%

S2Q2: 2.2 Plot_number

Data file: rwa-sas-seasonA-Screening

Overview

Valid: 46854   Invalid: 0   Minimum: 1   Maximum: 93   Mean: 25.195   Standard deviation: 16.293
Type: Continuous   Decimal: 0   Width: 10   Range: 1 - 93   Format: Numeric

S2Q3: 2.3 Plot size (m2)

Data file: rwa-sas-seasonA-Screening

Overview

Valid: 46854   Invalid: 0   Minimum: 12.963   Maximum: 20106888   Mean: 9248.242   Standard deviation: 179559.979
Type: Continuous   Decimal: 0   Width: 9   Range: 12.9627923965454 - 20106888   Format: Numeric

S2Q4_1: Farmer type

Data file: rwa-sas-seasonA-Screening

Overview

Valid: 46854   Invalid: 0
Type: Discrete   Decimal: 0   Width: 19   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	small scale farmer	45235	96.5%
2	larger scale farmer	1619	3.5%

S2Q5: 2.5 No.of Grids in the same Plot

Data file: rwa-sas-seasonA-Screening

Overview

Valid: 45235   Invalid: 1619   Minimum: 1   Maximum: 93   Mean: 1.693   Standard deviation: 3.009
Type: Continuous   Decimal: 0   Width: 8   Range: 1 - 93   Format: Numeric

S2Q6: 2.6 Land Use

Data file: rwa-sas-seasonA-Screening

Overview

Valid: 46854   Invalid: 0
Type: Discrete   Decimal: 0   Width: 21   Range: 96 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
96	Agricultural Land	41007	87.5%
97	Pasture	760	1.6%
98	Fallow	1821	3.9%
99	Non-agricultural land	3266	7%

S2Q7: 2.7 Non- agricultural Land Type

Data file: rwa-sas-seasonA-Screening

Overview

Valid: 3266   Invalid: 43588
Type: Discrete   Decimal: 0   Width: 23   Range: 1 - 7   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Buildings	1184	36.3%
2	Road/Path	431	13.2%
3	Forest/Bush	1267	38.8%
4	Bare/Rocky soil	57	1.7%
5	Uncultivated marshlands	31	0.9%
6	Water body	156	4.8%
7	Others	140	4.3%
Sysmiss		43588	

S2Q8: 2.8 Cropping System

Data file: rwa-sas-seasonA-Screening

Overview

Valid: 41343   Invalid: 5511
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Pure	6064	14.7%
2	Mixed	35279	85.3%
Sysmiss		5511	

S2Q9: 2.9 Number of main crops in the plot

Data file: rwa-sas-seasonA-Screening

Overview

Valid: 46854   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 0 - 7   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		5511	11.8%
1		6064	12.9%
2		9610	20.5%
3		11034	23.5%
4		8104	17.3%
5		6500	13.9%
6		24	0.1%
7		7	0%

S2Q10: 2.10 Crop type

Data file: rwa-sas-seasonA-Screening

Overview

Valid: 41767   Invalid: 5087
Type: Discrete   Decimal: 0   Width: 43   Range: 1 - 3   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Seasonal crops harvested once a season	25907	62%

2	Seasonal crops harvested more than one time	1210	2.9%
3	Perennial crops	14650	35.1%
Sysmiss		5087	

S2Q11: 2.11 Crop name

Data file: rwa-sas-seasonA-Screening

Overview

Valid: 41767   Invalid: 5087
Type: Discrete   Decimal: 0   Width: 29   Range: 101 - 520   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
101	Maize	7255	17.4%
102	Paddy rice	250	0.6%
103	Sorghum	885	2.1%
104	Wheat	128	0.3%
105	Other cereal	0	0%
106	Bush bean	5909	14.1%
107	Climbing bean	2311	5.5%
108	Pea	739	1.8%
109	Other pulse	0	0%
111	Irish potato	1963	4.7%
112	Sweet potato	3662	8.8%
114	Tomato	248	0.6%
115	Cabbage	125	0.3%
116	Cauliflower	6	0%
117	Onion	85	0.2%
118	Carrot	43	0.1%
119	Eggplant	216	0.5%
120	Other seasonal vegetable	5	0%
128	Soybean	914	2.2%
129	Groundnut	756	1.8%
130	Sun flower	89	0.2%
134	Other seasonal crop	8	0%
135	Black eggplant	9	0%
136	Sweet pepper	52	0.1%

138	Amaranth	48	0.1%
139	Celery	2	0%
140	Spinach	1	0%
141	Small red bean	23	0.1%
142	Sugar beet	20	0%
143	Garlic	14	0%
144	African cabbage	0	0%
145	Leek	7	0%
146	French bean	43	0.1%
147	Letus	0	0%
148	Brocolli	4	0%
162	Millet	51	0.1%
165	Other tuber(specify)	0	0%
167	Cucumber	4	0%
168	Watermelon	17	0%
213	Taro	924	2.2%
214	Yam	33	0.1%
220	Other annual vegetable	2	0%
233	Pyrethrum	60	0.1%
234	Other annual crop	17	0%
237	Pepper	29	0.1%
249	Napia grass	34	0.1%
257	Tree tomato	75	0.2%
265	Other tuber	0	0%
266	Pumpkin	36	0.1%
310	Cassava	6343	15.2%
320	Other perennial vegetable	0	0%
321	Cooking banana	2345	5.6%
322	Dessert banana	1292	3.1%
323	Banana for beer	2709	6.5%
324	Pineapple	49	0.1%
325	Avocado	29	0.1%
326	Passion fruit	64	0.2%
327	Other fruit	3	0%
332	Coffee	652	1.6%
334	Other perennial crop	12	0%
350	Sugar cane	127	0.3%
352	Macadamia	42	0.1%
353	Olive	4	0%

354	Mango	59	0.1%
355	Apple	1	0%
356	Papaya	19	0%
358	Orange	36	0.1%
359	Lemon	10	0%
360	Guava	4	0%
361	Mulberry	10	0%
363	Stevia	4	0%
364	Jatropha	1	0%
365	Other perennial tuber	0	0%
368	Palm	46	0.1%
369	Tea	40	0.1%
511	Napia grass for fodder	241	0.6%
512	Maize for fodder	11	0%
513	Soybean for fodder	4	0%
514	Leucena	1	0%
515	Desmodium	3	0%
516	Mucuna	12	0%
517	Setaria	3	0%
518	Tripsacum	12	0%
519	Other fodder crop (specify)	52	0.1%
520	Natural grass	425	1%
Sysmiss		5087	

S2Q14: 2.14 is this crop for this season

Data file: rwa-sas-seasonA-Screening

Overview

Valid: 41342   Invalid: 5512
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	34767	84.1%
2	no	6575	15.9%
Sysmiss		5512	

S2Q15: 2.15 Expected period for harvesting

Data file: rwa-sas-seasonA-Screening

Overview

Valid: 41342   Invalid: 5512
Type: Discrete   Decimal: 0   Width: 18   Range: 1 - 8   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Before 01/12	4884	11.8%
2	Between 01-15/12	1667	4%
3	Between 16-31/12	3934	9.5%
4	Between 01-15/01	5738	13.9%
5	Between 16-31/01	6409	15.5%
6	Between 01-28/02	7409	17.9%
7	After 28/02	11301	27.3%
8	Before May	0	0%
Sysmiss		5512	

WEIGHT: Weight

Data file: rwa-sas-seasonA-Screening

Overview

Valid: 46854   Invalid: 0   Minimum: 1   Maximum: 1537.831   Mean: 473.046   Standard deviation: 316.469
Type: Continuous   Decimal: 0   Width: 10   Range: 1 - 1537.83059817529   Format: Numeric

CROPGROUP: Crop category and major crops

Data file: rwa-sas-seasonA-Screening

Overview

Valid: 41767   Invalid: 5087
Type: Discrete   Decimal: 0   Width: 51   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Cereals	8569	20.5%
2	Vegetables and Melons	872	2.1%

3	Fruit and Nuts	6737	16.1%
4	Oilseed crops	1809	4.3%
5	Root/tuber crops with high starch or inulin content	12925	30.9%
6	Beverage and spice crops	773	1.9%
7	Leguminous crops	9025	21.6%
8	Sugar crops	151	0.4%
91	Grasses and other fodder crops	764	1.8%
99	Other crops	142	0.3%
Sysmiss		5087	

CROP_AREA: Estimated crop area

Data file: rwa-sas-seasonA-Screening

Overview

Valid: 41767   Invalid: 5087   Minimum: 0.000417   Maximum: 1970.475   Mean: 0.812   Standard deviation: 18.051

Type: Continuous   Decimal: 0   Width: 9   Range: 0.000416780589148402 - 1970.47509765625   Format: Numeric

SEGMENT_ID: 1.0 Segment identification

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0   Minimum: 12001   Maximum: 572059   Mean: 376364.737   Standard deviation: 148148.879

Type: Continuous   Decimal: 0   Width: 10   Range: 12001 - 572059   Format: Numeric

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S1Q1: 1.1 Province

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 5   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Kigali	2156	7.1%
2	South	7452	24.4%
3	West	4831	15.8%
4	North	4666	15.3%
5	East	11388	37.3%

S1Q2: 1.2 District

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 11 - 57   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
11	Nyarugenge	659	2.2%
12	Gasabo	863	2.8%
13	Kicukiro	634	2.1%
21	Nyanza	906	3%
22	Gisagara	1049	3.4%
23	Nyaruguru	663	2.2%

24	Huye	898	2.9%
25	Nyamagabe	956	3.1%
26	Ruhango	959	3.1%
27	Muhanga	1113	3.7%
28	Kamonyi	908	3%
31	Karongi	745	2.4%
32	Rutsiro	756	2.5%
33	Rubavu	583	1.9%
34	Nyabihu	569	1.9%
35	Ngororero	639	2.1%
36	Rusizi	764	2.5%
37	Nyamasheke	775	2.5%
41	Rulindo	1075	3.5%
42	Gakenke	959	3.1%
43	Musanze	686	2.2%
44	Burera	949	3.1%
45	Gicumbi	997	3.3%
51	Rwamagana	1241	4.1%
52	Nyagatare	2520	8.3%
53	Gatsibo	1953	6.4%
54	Kayonza	2141	7%
55	Kirehe	1731	5.7%
56	Ngoma	795	2.6%
57	Bugesera	1007	3.3%

S1Q3: 1.3 Stratum

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0
Type: Discrete   Decimal: 0   Width: 35   Range: 11 - 50   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
11	Intensive cropland on hillsides	24249	79.5%
20	Intensive cropland in marshlands	3173	10.4%
30	Rangelands	2119	6.9%

40	Household/ Village stratum	0	0%
50	Large scale farmer	952	3.1%

S1Q4: 1.4 Segment

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0   Minimum: 0   Maximum: 71   Mean: 17.8   Standard deviation: 14.287
Type: Continuous   Decimal: 0   Width: 8   Range: 0 - 71   Format: Numeric

S1Q5: 1.5. Date of interview

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0   Minimum: 1062019   Maximum: 31052019   Mean: 15603717.405   Standard deviation: 9750208.598
Type: Continuous   Decimal: 0   Width: 12   Range: 1062019 - 31052019   Format: Numeric

S2Q1: 2.1 Plot No.

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0   Minimum: 1   Maximum: 93   Mean: 25.451   Standard deviation: 16.478
Type: Continuous   Decimal: 0   Width: 8   Range: 1 - 93   Format: Numeric

S2Q2: 2.2Plot size (ha)

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0   Minimum: 0.00246   Maximum: 840.035   Mean: 0.879   Standard deviation: 14.423
Type: Continuous   Decimal: 0   Width: 10   Range: 0.00246467278338969 - 840.0348   Format: Numeric

S2Q3_1: 2.3.1 Farmer type

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0
Type: Discrete   Decimal: 0   Width: 18   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	small scale farmer	29541	96.9%
2	large scale farmer	952	3.1%

S2Q4: 2.4 Cropping system

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Pure	6457	21.2%
2	Mixed	24036	78.8%

S2Q5: 2.5 Number of main crops in the plot

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 5   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		6457	21.2%
2		9458	31%
3		7887	25.9%
4		4676	15.3%
5		2015	6.6%

S2Q6: 2.6 crop name

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0
Type: Discrete   Decimal: 0   Width: 27   Range: 101 - 520   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
101	Maize	3657	12%
102	Paddy rice	249	0.8%
103	Sorghum	3038	10%
104	Wheat	196	0.6%
105	Other cereal	1	0%
106	Bush bean	4901	16.1%
107	Climbing bean	2602	8.5%
108	Pea	390	1.3%
109	Other pulse	0	0%
111	Irish potato	1763	5.8%
112	Sweet potato	1771	5.8%
114	Tomato	184	0.6%
115	Cabbage	112	0.4%
116	Cauliflower	0	0%
117	Onion	50	0.2%
118	Carrot	30	0.1%
119	Eggplant	166	0.5%
120	Other seasonal vegetable	2	0%
128	Soybean	1028	3.4%
129	Groundnut	696	2.3%
130	Sun flower	93	0.3%
134	Other seasonal crop	8	0%
135	Black eggplant	3	0%
136	Sweet pepper	28	0.1%
138	Amaranth	58	0.2%
139	Celery	2	0%
140	Spinach	1	0%
141	Small red bean	5	0%
142	Sugar beet	13	0%
143	Garlic	7	0%

144	African cabbage	0	0%
145	Leek	6	0%
146	French bean	40	0.1%
147	Letus	0	0%
148	Brocolli	1	0%
162	Millet	6	0%
165	Other tuber(specify)	1	0%
167	Cucumber	4	0%
168	Watermelon	8	0%
213	Taro	546	1.8%
214	Yam	15	0%
220	Other annual vegetable	3	0%
233	Pyrethrum	76	0.2%
234	Other annual crop	14	0%
237	Pepper	23	0.1%
249	Napia grass	40	0.1%
257	Tree tomato	38	0.1%
265	Other tuber	1	0%
266	Pumpkin	21	0.1%
310	Cassava	2072	6.8%
320	Other perennial vegetable	0	0%
321	Cooking banana	1993	6.5%
322	Dessert banana	1188	3.9%
323	Banana for beer	2315	7.6%
324	Pineapple	32	0.1%
325	Avocado	10	0%
326	Passion fruit	42	0.1%
327	Other fruit	2	0%
332	Coffee	538	1.8%
334	Other perennial crop	10	0%
350	Sugar cane	64	0.2%
352	Macadamia	11	0%
353	Olive	0	0%
354	Mango	15	0%
355	Apple	0	0%
356	Papaya	11	0%
358	Orange	23	0.1%
359	Lemon	4	0%
360	Guava	2	0%

361	Mulberry	6	0%
363	Stevia	2	0%
364	Jatropha	0	0%
365	Other perennial tuber	1	0%
368	Palm	26	0.1%
369	Tea	0	0%
511	Napia grass for fodder	160	0.5%
512	Maize for fodder	14	0%
513	Soybean for fodder	1	0%
514	Leucena	0	0%
515	Desmodium	6	0%
516	Mucuna	3	0%
517	Setaria	1	0%
518	Tripsacum	16	0.1%
519	Other fodder crop (specify)	28	0.1%
520	Natural grass	0	0%

S2Q7: 2.7.Developped crop area in ha

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0   Minimum: 0.000455   Maximum: 789.633   Mean: 0.704   Standard deviation: 13.474
Type: Continuous   Decimal: 0   Width: 9   Range: 0.000454639171948656 - 789.632690429688   Format: Numeric

S2Q8: 2.8. Sowing Date

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0
Type: Discrete   Decimal: 0   Width: 18   Range: 1 - 23   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Before 30/06	0	0%
2	Between 01-15 /07	0	0%
3	Between 16- 31/07	0	0%
4	Between 01-15/08	0	0%

5	Between 16- 31/08	0	0%
6	Between 01-15/09	0	0%
7	Between 16-30/09	0	0%
8	Between 01- 15/10	0	0%
9	Between 16 -30/10	0	0%
10	After 31/10	0	0%
11	Before 31/12	9422	30.9%
12	Between 01-15/01	2031	6.7%
13	Between 16- 31/01	1418	4.7%
14	Between 01- 15/02	3502	11.5%
15	Between 16- 28/02	4706	15.4%
16	Between 01-15/03	5767	18.9%
17	Between 16-31/03	2209	7.2%
18	After 31/03	1438	4.7%
19	Before 30/04	0	0%
20	Between 01-31/05	0	0%
21	Between 01- 30/06	0	0%
22	Between 01- 31/07	0	0%
23	After 31/07	0	0%

S2Q9: 2.9. Expected period of harvesting

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0
Type: Discrete   Decimal: 0   Width: 25   Range: 1 - 21   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Before 01/12	0	0%
2	Between 01-15 /12	0	0%
3	Between 16- 31/12	0	0%
4	Between 01-15/01	0	0%
5	Between 16- 31/01	0	0%
6	Between 01-28/02	0	0%
7	After 28/02	0	0%
8	Before the month of May	5114	16.8%

9	Between 01-15/05	1402	4.6%
10	Between 16-31/05	3441	11.3%
11	Between 01- 15/06	5103	16.7%
12	Between 16 -30/06	4616	15.1%
13	Between 01-31/07	7381	24.2%
14	Between 01-31/8	2818	9.2%
15	After August	618	2%
16	Before the month of 30/7	0	0%
17	Between 01-15/08	0	0%
18	Between 15-30/08	0	0%
19	Between 01- 15/09	0	0%
20	Between 16 -30/09	0	0%
21	After September	0	0%

S2Q10: 2.10. Type of seeds sown

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0
Type: Discrete   Decimal: 0   Width: 30   Range: 1 - 3   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Traditional seeds	28579	93.7%
2	Improved seeds	1821	6%
3	Traditional and Improved seeds	93	0.3%

S2Q11_1: 2.11.1. Traditional seed sown(Unit)

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 28672   Invalid: 1821
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 3   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	

1	Kg	17202	60%
2	g	415	1.4%
3	NA	11055	38.6%
Sysmiss		1821	

S2Q11_2: 2.11.2. Quantity of traditional seed sown

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 17625   Invalid: 12868   Minimum: 0   Maximum: 26750   Mean: 32.69   Standard deviation: 312.771
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 26750   Format: Numeric

S2Q12: 2.12. Quantity of traditional seeds purchased

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 17623   Invalid: 12870   Minimum: 0   Maximum: 13365   Mean: 10.643   Standard deviation: 134.761
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 13365   Format: Numeric

S2Q13: 2.13. Amount spent on traditional seeds(Rfw)

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 7290   Invalid: 23203
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 4677750   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		2	0%
2		1	0%
4		2	0%
8		4	0.1%
9		1	0%
20		2	0%
25		1	0%
30		1	0%
34		1	0%
36		1	0%

37		1	0%
40		1	0%
44		1	0%
50		3	0%
58		1	0%
60		3	0%
62		2	0%
65		2	0%
75		4	0.1%
82		1	0%
90		2	0%
100		41	0.6%
110		4	0.1%
115		4	0.1%
120		2	0%
125		16	0.2%
130		3	0%
135		1	0%
137		1	0%
150		52	0.7%
152		1	0%
160		1	0%
175		8	0.1%
180		2	0%
185		1	0%
186		1	0%
200		90	1.2%
220		1	0%
225		10	0.1%
235		1	0%
240		2	0%
248		1	0%
250		98	1.3%
260		1	0%
270		3	0%
275		4	0.1%
280		2	0%
300		132	1.8%
312		1	0%

316		1	0%
320		1	0%
330		5	0.1%
333		1	0%
335		1	0%
340		1	0%
350		47	0.6%
360		1	0%
375		11	0.2%
380		1	0%
400		176	2.4%
440		2	0%
450		55	0.8%
460		1	0%
470		1	0%
472		1	0%
480		3	0%
500		262	3.6%
525		9	0.1%
535		1	0%
540		2	0%
550		12	0.2%
560		1	0%
570		1	0%
580		1	0%
600		216	3%
610		1	0%
620		1	0%
625		1	0%
630		1	0%
640		1	0%
650		4	0.1%
660		2	0%
670		3	0%
675		11	0.2%
680		3	0%
700		75	1%
705		1	0%
720		1	0%

750		103	1.4%
760		2	0%
770		1	0%
775		1	0%
780		1	0%
800		189	2.6%
810		1	0%
825		1	0%
840		1	0%
850		2	0%
860		2	0%
870		1	0%
875		2	0%
880		2	0%
900		144	2%
920		1	0%
935		1	0%
940		3	0%
960		2	0%
999	999	0	0%
1000		328	4.5%
1050		65	0.9%
1075		1	0%
1080		1	0%
1100		17	0.2%
1110		1	0%
1120		1	0%
1125		6	0.1%
1140		2	0%
1150		2	0%
1200		270	3.7%
1225		1	0%
1250		39	0.5%
1260		3	0%
1280		2	0%
1300		13	0.2%
1325		1	0%
1350		44	0.6%
1375		1	0%

1380		2	0%
1400		57	0.8%
1440		2	0%
1470		1	0%
1480		1	0%
1500		307	4.2%
1520		1	0%
1560		2	0%
1575		3	0%
1600		131	1.8%
1650		13	0.2%
1680		1	0%
1700		3	0%
1720		2	0%
1750		36	0.5%
1760		1	0%
1800		125	1.7%
1860		1	0%
1900		1	0%
1920		3	0%
1925		1	0%
1950		4	0.1%
2000		404	5.5%
2025		2	0%
2070		1	0%
2100		48	0.7%
2130		1	0%
2160		1	0%
2200		20	0.3%
2250		48	0.7%
2270		1	0%
2275		1	0%
2280		4	0.1%
2300		2	0%
2350		1	0%
2400		140	1.9%
2450		4	0.1%
2500		141	1.9%
2520		1	0%

2560		2	0%
2580		1	0%
2590		1	0%
2600		8	0.1%
2640		1	0%
2650		1	0%
2700		44	0.6%
2750		10	0.1%
2795		1	0%
2800		69	0.9%
2880		1	0%
2900		1	0%
2925		2	0%
2950		1	0%
2960		1	0%
3000		252	3.5%
3080		1	0%
3100		1	0%
3150		18	0.2%
3200		54	0.7%
3250		2	0%
3300		13	0.2%
3350		3	0%
3360		5	0.1%
3375		2	0%
3400		6	0.1%
3420		2	0%
3450		1	0%
3500		91	1.2%
3600		98	1.3%
3680		1	0%
3700		2	0%
3750		8	0.1%
3800		2	0%
3840		1	0%
3850		8	0.1%
3900		9	0.1%
4000		201	2.8%
4025		1	0%

4050		7	0.1%
4070		1	0%
4080		1	0%
4160		1	0%
4180		1	0%
4200		29	0.4%
4230		1	0%
4235		1	0%
4250		5	0.1%
4300		1	0%
4320		1	0%
4400		13	0.2%
4440		1	0%
4500		89	1.2%
4550		1	0%
4600		2	0%
4800		63	0.9%
4860		1	0%
4900		6	0.1%
4950		4	0.1%
5000		145	2%
5100		3	0%
5200		10	0.1%
5220		1	0%
5250		12	0.2%
5300		1	0%
5400		31	0.4%
5450		1	0%
5460		1	0%
5480		1	0%
5500		20	0.3%
5600		14	0.2%
5640		1	0%
5700		3	0%
5750		1	0%
5850		2	0%
5950		3	0%
6000		171	2.3%
6050		3	0%

6250		4	0.1%
6300		9	0.1%
6400		8	0.1%
6450		1	0%
6460		1	0%
6500		11	0.2%
6600		12	0.2%
6720		1	0%
6750		20	0.3%
6800		1	0%
6825		1	0%
6900		1	0%
7000		49	0.7%
7125		1	0%
7140		1	0%
7200		32	0.4%
7500		66	0.9%
7550		1	0%
7600		2	0%
7650		3	0%
7700		6	0.1%
7800		5	0.1%
8000		90	1.2%
8100		5	0.1%
8200		1	0%
8250		5	0.1%
8400		9	0.1%
8500		9	0.1%
8550		2	0%
8600		1	0%
8750		6	0.1%
8800		11	0.2%
8970		1	0%
9000		69	0.9%
9100		2	0%
9200		4	0.1%
9450		2	0%
9500		2	0%
9600		15	0.2%

9750		2	0%
9800		2	0%
9900		1	0%
9999		12	0.2%
10000		89	1.2%
10075		1	0%
10200		1	0%
10350		1	0%
10400		6	0.1%
10500		22	0.3%
10560		1	0%
10600		1	0%
10800		6	0.1%
11000		6	0.1%
11100		1	0%
11200		3	0%
11250		10	0.1%
11400		2	0%
11500		4	0.1%
11550		1	0%
11750		1	0%
11900		1	0%
12000		71	1%
12100		1	0%
12150		2	0%
12250		4	0.1%
12400		1	0%
12450		1	0%
12500		16	0.2%
12600		7	0.1%
12800		3	0%
13000		8	0.1%
13200		1	0%
13250		1	0%
13500		12	0.2%
13750		1	0%
13800		1	0%
13950		2	0%
14000		25	0.3%

14200		1	0%
14400		7	0.1%
14500		4	0.1%
14700		1	0%
14800		2	0%
15000		51	0.7%
15040		1	0%
15050		1	0%
15200		3	0%
15400		1	0%
15500		1	0%
15600		3	0%
15750		4	0.1%
16000		25	0.3%
16100		1	0%
16200		1	0%
16400		1	0%
16500		6	0.1%
16650		2	0%
16800		7	0.1%
17000		1	0%
17080		1	0%
17200		1	0%
17250		1	0%
17500		17	0.2%
17600		1	0%
18000		39	0.5%
18200		1	0%
18400		3	0%
18500		3	0%
18600		1	0%
18800		1	0%
18900		1	0%
19500		2	0%
19600		1	0%
19800		1	0%
20000		51	0.7%
20500		1	0%
20700		1	0%

20800		1	0%
21000		17	0.2%
21200		1	0%
21600		3	0%
22000		4	0.1%
22200		1	0%
22400		2	0%
22500		10	0.1%
22750		3	0%
22950		1	0%
23000		2	0%
23100		1	0%
23350		1	0%
23400		1	0%
23800		1	0%
24000		30	0.4%
24500		7	0.1%
25000		13	0.2%
25200		1	0%
25500		1	0%
26000		2	0%
26500		1	0%
26660		1	0%
27000		4	0.1%
27300		1	0%
27500		1	0%
28000		13	0.2%
28500		1	0%
28800		3	0%
29000		1	0%
29200		1	0%
29900		1	0%
30000		34	0.5%
30800		1	0%
31150		1	0%
31500		3	0%
32000		8	0.1%
32400		2	0%
32500		1	0%

33000		3	0%
33600		1	0%
33750		1	0%
34000		3	0%
34800		1	0%
35000		12	0.2%
36000		12	0.2%
37000		2	0%
37200		1	0%
37500		4	0.1%
38000		2	0%
38250		1	0%
38400		2	0%
39000		3	0%
39150		1	0%
39600		1	0%
40000		16	0.2%
40500		1	0%
41500		1	0%
41800		1	0%
42000		6	0.1%
42600		1	0%
42750		1	0%
43000		1	0%
44000		3	0%
44800		1	0%
45000		13	0.2%
46500		1	0%
46990		1	0%
48000		8	0.1%
48600		1	0%
49000		2	0%
49500		1	0%
50000		8	0.1%
50600		1	0%
54000		1	0%
54390		1	0%
55200		1	0%
55500		1	0%

55800		1	0%
56000		2	0%
57000		1	0%
57200		1	0%
58900		1	0%
59500		1	0%
60000		17	0.2%
63600		1	0%
64400		1	0%
65000		1	0%
66000		1	0%
67250		1	0%
69000		1	0%
70000		9	0.1%
70400		1	0%
72000		1	0%
72800		1	0%
73100		1	0%
75000		7	0.1%
76000		1	0%
80000		2	0%
80750		1	0%
84000		1	0%
84280		1	0%
84500		1	0%
85000		1	0%
87000		1	0%
87500		2	0%
88000		1	0%
90000		7	0.1%
95000		1	0%
98700		1	0%
99000		1	0%
100000		2	0%
102000		1	0%
103200		1	0%
104000		1	0%
105000		1	0%
105750		1	0%

106250		1	0%
110000		1	0%
112000		1	0%
120000		6	0.1%
122500		1	0%
126000		1	0%
128000		1	0%
131900		1	0%
135000		1	0%
140000		2	0%
141000		1	0%
145200		1	0%
160000		1	0%
169200		1	0%
170000		1	0%
180000		2	0%
188000		1	0%
189000		1	0%
194400		1	0%
200000		1	0%
210000		3	0%
220000		1	0%
226000		1	0%
240000		2	0%
250000		2	0%
270000		1	0%
280000		1	0%
286140		1	0%
300000		1	0%
315000		1	0%
320000		1	0%
328500		1	0%
336000		1	0%
360000		1	0%
410000		1	0%
467400		1	0%
498800		1	0%
546000		1	0%
644400		1	0%

656000		1	0%
720000		2	0%
774550		1	0%
1032500		1	0%
1440000		1	0%
1600000		1	0%
2400000		1	0%
2500000		1	0%
3680000		1	0%
4677750		1	0%
Sysmiss		23203	

S2Q14_1: 2.14.1. Improved seeds sown(Unit)

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 1914   Invalid: 28579
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 3   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Kg	1186	62%
2	g	283	14.8%
3	NA	445	23.2%
Sysmiss		28579	

S2Q14_2: 2.14.2. Improved seeds sown(Qty)

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 1470   Invalid: 29023   Minimum: 0.1   Maximum: 80000   Mean: 479.807   Standard deviation: 3079.868
Type: Continuous   Decimal: 0   Width: 10   Range: 0.1 - 80000   Format: Numeric

S2Q15: 2.15. Quantity of improved seeds purchased

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 1471   Invalid: 29022   Minimum: 0   Maximum: 80000   Mean: 440.298   Standard deviation: 2902.527
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 80000   Format: Numeric

S2Q16: 2.16. Amount spent on improved seeds(Rfw)

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 1476   Invalid: 29017
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 36000000   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		1	0.1%
5		1	0.1%
9		1	0.1%
20		1	0.1%
25		2	0.1%
30		1	0.1%
42		1	0.1%
44		1	0.1%
52		1	0.1%
60		1	0.1%
65		1	0.1%
68		1	0.1%
70		1	0.1%
75		2	0.1%
85		1	0.1%
100		15	1%
105		1	0.1%
114		1	0.1%
115		2	0.1%
120		2	0.1%
125		8	0.5%
128		1	0.1%
130		11	0.7%
134		1	0.1%
135		2	0.1%

138		4	0.3%
140		1	0.1%
142		1	0.1%
145		5	0.3%
150		13	0.9%
156		1	0.1%
160		2	0.1%
175		3	0.2%
190		1	0.1%
195		1	0.1%
200		21	1.4%
210		1	0.1%
218		1	0.1%
220		1	0.1%
225		3	0.2%
230		2	0.1%
237		1	0.1%
240		4	0.3%
250		27	1.8%
255		1	0.1%
260		17	1.2%
263		2	0.1%
265		4	0.3%
270		10	0.7%
273		1	0.1%
275		10	0.7%
280		3	0.2%
285		1	0.1%
290		4	0.3%
300		30	2%
320		3	0.2%
325		2	0.1%
330		2	0.1%
350		4	0.3%
360		1	0.1%
375		4	0.3%
380		1	0.1%
390		4	0.3%
400		20	1.4%

415		1	0.1%
420		4	0.3%
425		1	0.1%
430		1	0.1%
445		1	0.1%
450		8	0.5%
470		1	0.1%
480		6	0.4%
490		2	0.1%
496		1	0.1%
500		53	3.6%
510		1	0.1%
520		20	1.4%
525		5	0.3%
535		1	0.1%
540		13	0.9%
545		2	0.1%
550		19	1.3%
560		1	0.1%
570		7	0.5%
580		5	0.3%
600		28	1.9%
625		3	0.2%
640		2	0.1%
650		5	0.3%
660		1	0.1%
675		3	0.2%
700		8	0.5%
720		1	0.1%
735		1	0.1%
750		13	0.9%
780		8	0.5%
790		2	0.1%
795		1	0.1%
800		17	1.2%
805		1	0.1%
810		3	0.2%
820		1	0.1%
825		2	0.1%

840		1	0.1%
870		1	0.1%
885		1	0.1%
900		17	1.2%
910		1	0.1%
920		1	0.1%
940		1	0.1%
945		1	0.1%
950		1	0.1%
954		1	0.1%
960		3	0.2%
975		1	0.1%
999	999	0	0%
1000		47	3.2%
1040		18	1.2%
1050		7	0.5%
1060		3	0.2%
1080		13	0.9%
1100		15	1%
1111		1	0.1%
1120		1	0.1%
1135		1	0.1%
1150		4	0.3%
1160		3	0.2%
1170		1	0.1%
1180		1	0.1%
1200		31	2.1%
1225		1	0.1%
1250		1	0.1%
1300		2	0.1%
1350		3	0.2%
1362		1	0.1%
1375		2	0.1%
1400		5	0.3%
1450		1	0.1%
1475		1	0.1%
1500		41	2.8%
1560		5	0.3%
1600		1	0.1%

1620		3	0.2%
1650		8	0.5%
1680		1	0.1%
1700		3	0.2%
1710		2	0.1%
1725		2	0.1%
1740		2	0.1%
1750		2	0.1%
1800		10	0.7%
1850		1	0.1%
1875		1	0.1%
1900		1	0.1%
1920		2	0.1%
2000		29	2%
2080		8	0.5%
2100		6	0.4%
2120		1	0.1%
2160		7	0.5%
2200		3	0.2%
2225		1	0.1%
2240		2	0.1%
2250		4	0.3%
2280		4	0.3%
2300		4	0.3%
2320		2	0.1%
2400		12	0.8%
2450		1	0.1%
2500		21	1.4%
2520		1	0.1%
2600		2	0.1%
2620		1	0.1%
2700		3	0.2%
2750		1	0.1%
2800		6	0.4%
2820		1	0.1%
2875		1	0.1%
2900		3	0.2%
3000		23	1.6%
3120		3	0.2%

3150		2	0.1%
3180		1	0.1%
3200		1	0.1%
3240		3	0.2%
3360		1	0.1%
3420		1	0.1%
3450		2	0.1%
3500		6	0.4%
3600		6	0.4%
3740		1	0.1%
3745		1	0.1%
3750		5	0.3%
3800		1	0.1%
3840		1	0.1%
4000		14	0.9%
4050		1	0.1%
4060		1	0.1%
4160		3	0.2%
4200		3	0.2%
4250		1	0.1%
4320		1	0.1%
4350		3	0.2%
4400		2	0.1%
4500		7	0.5%
4550		2	0.1%
4560		1	0.1%
4680		2	0.1%
4750		1	0.1%
4800		4	0.3%
4900		1	0.1%
5000		24	1.6%
5200		2	0.1%
5300		1	0.1%
5400		2	0.1%
5500		6	0.4%
5600		1	0.1%
5700		4	0.3%
5720		1	0.1%
5750		1	0.1%

5800		1	0.1%
5880		1	0.1%
6000		14	0.9%
6670		1	0.1%
6720		1	0.1%
6900		1	0.1%
7000		3	0.2%
7200		1	0.1%
7300		1	0.1%
7500		6	0.4%
7650		1	0.1%
7800		1	0.1%
8000		6	0.4%
8050		1	0.1%
8100		1	0.1%
8120		1	0.1%
8250		1	0.1%
8260		1	0.1%
8400		2	0.1%
9000		6	0.4%
9100		1	0.1%
9450		1	0.1%
9500		1	0.1%
9600		2	0.1%
9906		1	0.1%
9999		26	1.8%
10000		7	0.5%
10400		1	0.1%
10800		2	0.1%
11000		5	0.3%
11250		1	0.1%
11500		2	0.1%
11600		1	0.1%
11890		1	0.1%
11960		1	0.1%
12000		6	0.4%
12500		5	0.3%
12960		1	0.1%
13200		1	0.1%

13500		3	0.2%
13740		1	0.1%
13800		2	0.1%
13865		1	0.1%
14000		2	0.1%
15000		6	0.4%
15200		1	0.1%
15450		1	0.1%
15875		1	0.1%
16000		1	0.1%
16500		2	0.1%
17000		1	0.1%
17110		1	0.1%
17500		1	0.1%
18000		7	0.5%
19000		1	0.1%
19250		1	0.1%
19500		1	0.1%
20000		6	0.4%
22000		3	0.2%
22800		1	0.1%
23100		1	0.1%
23200		1	0.1%
24000		3	0.2%
25000		1	0.1%
25050		1	0.1%
27500		1	0.1%
28000		2	0.1%
29900		1	0.1%
30000		4	0.3%
30600		1	0.1%
30780		1	0.1%
31200		1	0.1%
31500		1	0.1%
32000		2	0.1%
32130		1	0.1%
32900		1	0.1%
33600		1	0.1%
35000		3	0.2%

36000		3	0.2%
39000		1	0.1%
40000		1	0.1%
41000		1	0.1%
44226		1	0.1%
45000		1	0.1%
47600		1	0.1%
48000		1	0.1%
50000		2	0.1%
53200		1	0.1%
53460		1	0.1%
56000		1	0.1%
60000		2	0.1%
60500		1	0.1%
60750		1	0.1%
61560		1	0.1%
62500		1	0.1%
64000		1	0.1%
65000		2	0.1%
66965		1	0.1%
72000		1	0.1%
74400		1	0.1%
75000		2	0.1%
76800		1	0.1%
77500		1	0.1%
79180		1	0.1%
80000		1	0.1%
81000		1	0.1%
81250		1	0.1%
83300		1	0.1%
85500		1	0.1%
93600		1	0.1%
100000		1	0.1%
105000		1	0.1%
108721		1	0.1%
108800		1	0.1%
112700		1	0.1%
114100		1	0.1%
117000		1	0.1%

120000		1	0.1%
121500		1	0.1%
121600		1	0.1%
132000		1	0.1%
132750		1	0.1%
136800		1	0.1%
138331		1	0.1%
140000		1	0.1%
150000		2	0.1%
156000		1	0.1%
158928		1	0.1%
160000		2	0.1%
180600		1	0.1%
189600		1	0.1%
192000		2	0.1%
195300		1	0.1%
200000		4	0.3%
207000		1	0.1%
210000		1	0.1%
218700		1	0.1%
220000		1	0.1%
231750		1	0.1%
235200		1	0.1%
240000		1	0.1%
243000		1	0.1%
258750		1	0.1%
278400		1	0.1%
280250		1	0.1%
294702		1	0.1%
300000		1	0.1%
306000		1	0.1%
311000		1	0.1%
322500		1	0.1%
336000		1	0.1%
339750		1	0.1%
340000		1	0.1%
343000		1	0.1%
349600		1	0.1%
350000		1	0.1%

357000		1	0.1%
360000		1	0.1%
378000		2	0.1%
384000		3	0.2%
388750		1	0.1%
390000		1	0.1%
393600		1	0.1%
405900		1	0.1%
419900		1	0.1%
426600		1	0.1%
472500		1	0.1%
475840		1	0.1%
480000		1	0.1%
487000		1	0.1%
488000		1	0.1%
520000		1	0.1%
536000		1	0.1%
550000		1	0.1%
560000		1	0.1%
569760		1	0.1%
594000		1	0.1%
600000		2	0.1%
611625		1	0.1%
625000		1	0.1%
625860		1	0.1%
630000		1	0.1%
631120		1	0.1%
645530		1	0.1%
659100		1	0.1%
663200		1	0.1%
686000		1	0.1%
707735		1	0.1%
714000		1	0.1%
720000		2	0.1%
748800		1	0.1%
750000		1	0.1%
767720		1	0.1%
793800		1	0.1%
794560		1	0.1%

800000		1	0.1%
819200		1	0.1%
840000		1	0.1%
868000		1	0.1%
880000		2	0.1%
900000		1	0.1%
910000		1	0.1%
915280		1	0.1%
960000		1	0.1%
963200		1	0.1%
1015600		1	0.1%
1061120		1	0.1%
1080000		1	0.1%
1108800		1	0.1%
1120000		1	0.1%
1128750		1	0.1%
1140000		1	0.1%
1164000		1	0.1%
1170900		1	0.1%
1200000		1	0.1%
1235600		1	0.1%
1255500		1	0.1%
1280000		1	0.1%
1385160		1	0.1%
1400000		1	0.1%
1500000		1	0.1%
1540000		1	0.1%
1600000		1	0.1%
1680000		1	0.1%
1800000		1	0.1%
1805400		1	0.1%
1990100		1	0.1%
2028000		1	0.1%
2178400		1	0.1%
2302080		1	0.1%
2364000		1	0.1%
2528060		1	0.1%
2619000		1	0.1%
2747800		1	0.1%

2750000		1	0.1%
3000000		1	0.1%
3200000		1	0.1%
3424680		1	0.1%
3804000		1	0.1%
4000000		1	0.1%
4080000		1	0.1%
4200000		2	0.1%
4530000		1	0.1%
4788000		1	0.1%
4800000		1	0.1%
4900000		1	0.1%
5113600		1	0.1%
5989200		1	0.1%
6000000		1	0.1%
6171750		1	0.1%
6360000		1	0.1%
6400000		2	0.1%
6750000		1	0.1%
7064280		1	0.1%
7141500		1	0.1%
7170000		1	0.1%
7600500		1	0.1%
8399200		1	0.1%
8496000		1	0.1%
11049071		1	0.1%
11407500		1	0.1%
12628800		1	0.1%
12742978		1	0.1%
15600000		1	0.1%
35000000		1	0.1%
36000000		1	0.1%
Sysmiss		29017	

S2Q17: 2.17. Where did improved seeds sown come from?

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 1914   Invalid: 28579

Type: Discrete   Decimal: 0   Width: 32   Range: 1 - 7   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Government(MINAGRI/RAB/DISTRICT)	408	21.3%
2	Recognized seed multipliers	295	15.4%
3	Agro dealers	645	33.7%
4	NGOs	283	14.8%
5	Market	195	10.2%
6	Agriculture Cooperatives	80	4.2%
7	Other (specify)	8	0.4%
Sysmiss		28579	

S2Q18_1: 2.18.1 On average how many trees are in this plot?

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 8216   Invalid: 22277   Minimum: 1   Maximum: 250000   Mean: 393.609   Standard deviation: 4218.284
Type: Continuous   Decimal: 0   Width: 12   Range: 1 - 250000   Format: Numeric

S2Q18_2: 2.18.2 On average how many trees have you harvested/to be harvested in this plot

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 8216   Invalid: 22277   Minimum: 0   Maximum: 170000   Mean: 204.511   Standard deviation: 2363.361
Type: Continuous   Decimal: 0   Width: 12   Range: 0 - 170000   Format: Numeric

S2Q19: 2.19. Quantity already harvested in this plot (in Kg)

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0   Minimum: 0   Maximum: 2314985   Mean: 450.371   Standard deviation: 15634.679
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 2314985   Format: Numeric

S2Q20: 2.20. Remaining quantity to be harvested in this plot (in Kg)

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0   Minimum: 0   Maximum: 3428631   Mean: 2477.875   Standard deviation: 56969.504
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 3428631   Format: Numeric

S2Q21: 2.21. Total quantity of harvest in this plot (in Kg)

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0   Minimum: 0   Maximum: 3551931   Mean: 2928.246   Standard deviation: 61328.795
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 3551931   Format: Numeric

S2Q22: 2.22. Explanation on production status

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0
Type: Discrete   Decimal: 0   Width: 43   Range: 1 - 19   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Drought	1495	4.9%
2	Heavy rainfall	2696	8.8%
3	Insufficient rainfall	6523	21.4%
4	Insufficient fertilizers	4578	15%
5	Unusable of fertilizers	3864	12.7%
6	Innapropriate sowing period	883	2.9%
7	Flooding	103	0.3%
8	Land slide	16	0.1%
9	Crop grazed	83	0.3%
10	Diseases and pests	2756	9%
11	Unfertile soil	837	2.7%
12	Inappropriate seeds	693	2.3%
13	Good harvest as it was expected	3369	11%
14	Lack of training on appropriate cultivation	178	0.6%
15	Lack of improved seeds	255	0.8%
16	Torrential rain	521	1.7%
17	Strong wind	159	0.5%
18	Other reasons (specify)	1482	4.9%

19	Perrenial crops not yet mature	2	0%

S2Q23: 2.23 What was the quantity produced in all plots (in Kg)

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0   Minimum: 0   Maximum: 44000000   Mean: 5040.049   Standard deviation: 260550.752

Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 44000000   Format: Numeric

S2Q24: 2.24. What was the quantity processed at farm level?

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0   Minimum: 0   Maximum: 2000000   Mean: 178.581   Standard deviation: 11566.359
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 2000000   Format: Numeric

S2Q25: 2.25. What was the quantity sold?

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0   Minimum: -1   Maximum: 43000000   Mean: 4112.761   Standard deviation: 253051.449

Type: Continuous   Decimal: 0   Width: 10   Range: -1 - 43000000   Format: Numeric

S2Q26: 2.26. On which market this crop was sold?

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 14498   Invalid: 15995
Type: Discrete   Decimal: 0   Width: 22   Range: 1 - 7   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Farm-gate	3770	26%
2	Local market	9383	64.7%
3	District modern market	354	2.4%
4	Regional market	10	0.1%
5	Contract farming	890	6.1%

6	Contract with exporter	64	0.4%
7	Other market	27	0.2%
Sysmiss		15995	

S2Q27: 2.27. What was the selling price per kilogram? (RwF/Kg)

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 14488   Invalid: 16005   Minimum: 0   Maximum: 99999   Mean: 6251.084   Standard deviation: 8334.527
Type: Continuous   Decimal: 0   Width: 12   Range: 0 - 99999   Format: Numeric

S2Q28: 2.28. What was the quantity used for own consumption?

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0   Minimum: -1   Maximum: 1926720   Mean: 554.608   Standard deviation: 15186.172
Type: Continuous   Decimal: 0   Width: 10   Range: -1 - 1926720   Format: Numeric

S2Q29: 2.29. What was the quantity used as wages?

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0   Minimum: 0   Maximum: 24000   Mean: 24.035   Standard deviation: 553.814
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 24000   Format: Numeric

S2Q30: 2.30. What was the quantity used as farm rent?

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0   Minimum: 0   Maximum: 5275   Mean: 2.801   Standard deviation: 47.134
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 5275   Format: Numeric

S2Q31: 2.31. What was the quantity used as gift?

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0   Minimum: 0   Maximum: 1000000   Mean: 52.518   Standard deviation: 5728.13
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 1000000   Format: Numeric

S2Q32: 2.32. What was the quantity exchanged for other goods?

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0   Minimum: 0   Maximum: 400   Mean: 0.159   Standard deviation: 3.953
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 400   Format: Numeric

S2Q33: 2.33. What was the quantity used as seeds?

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0   Minimum: 0   Maximum: 100000   Mean: 49.833   Standard deviation: 1157.312
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 100000   Format: Numeric

S2Q34: 2.34. What was the quantity used to feed animals?

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0   Minimum: 0   Maximum: 900000   Mean: 211.548   Standard deviation: 8614.189
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 900000   Format: Numeric

S2Q35: 2.35. What was the quantity stored?

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0   Minimum: 0   Maximum: 50000   Mean: 5.034   Standard deviation: 408.39
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 50000   Format: Numeric

S2Q36: 2.36. Which is the storage facility used by the household?

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 684   Invalid: 29809
Type: Discrete   Decimal: 0   Width: 50   Range: 1 - 5   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Own storage/Modern	14	2%
2	Public owned storage	10	1.5%
3	Storage owned by Cooperatives or private companies	2	0.3%

4	Traditional Storage	638	93.3%
5	Other storage	20	2.9%
Sysmiss		29809	

S2Q37: 2.37. What was the quantity lost after harvest?

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0   Minimum: 0   Maximum: 172000   Mean: 22.201   Standard deviation: 1361.724
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 172000   Format: Numeric

S2Q38: 2.38. What was the quantity used in other forms?

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0   Minimum: 0   Maximum: 13500   Mean: 4.552   Standard deviation: 142.43
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 13500   Format: Numeric

HARVESTED_AREA: Harvested crop area in ha

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30493   Invalid: 0   Minimum: 0   Maximum: 789.633   Mean: 0.683   Standard deviation: 13.469
Type: Continuous   Decimal: 0   Width: 9   Range: 0 - 789.632690429688   Format: Numeric

CROPGROUP: Crop category and major crops

Data file: rwa-sas-seasonB_Crop production

Overview

Valid: 30492   Invalid: 1
Type: Discrete   Decimal: 0   Width: 51   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Cereals	7147	23.4%
2	Vegetables and Melons	658	2.2%
3	Fruit and Nuts	5686	18.6%
4	Oilseed crops	1843	6%

5	Root/tuber crops with high starch or inulin content	6169	20.2%
6	Beverage and spice crops	589	1.9%
7	Leguminous crops	7938	26%
8	Sugar crops	79	0.3%
91	Grasses and other fodder crops	229	0.8%
99	Other crops	154	0.5%
Sysmiss		1	

5	Root/tuber crops with high starch or inulin content	6169	20.2%
6	Beverage and spice crops	589	1.9%
7	Leguminous crops	7938	26%

SEGMENT_ID: 1.0 Segment Identification

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Valid: 17637   Invalid: 0   Minimum: 12001   Maximum: 572059   Mean: 361947.656   Standard deviation: 149100.257
Type: Continuous   Decimal: 0   Width: 10   Range: 12001 - 572059   Format: Numeric

S1Q1: 1.1 Province

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Valid: 17637   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 5   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Kigali	1161	6.6%
2	South	4075	23.1%
3	West	3657	20.7%
4	North	2969	16.8%
5	East	5775	32.7%

S1Q2: 1.2 District

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Valid: 17637   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 11 - 57   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
11	Nyarugenge	387	2.2%
12	Gasabo	455	2.6%
13	Kicukiro	319	1.8%
21	Nyanza	521	3%
22	Gisagara	559	3.2%
23	Nyaruguru	406	2.3%

24	Huye	522	3%
25	Nyamagabe	522	3%
26	Ruhango	562	3.2%
27	Muhanga	517	2.9%
28	Kamonyi	466	2.6%
31	Karongi	398	2.3%
32	Rutsiro	506	2.9%
33	Rubavu	796	4.5%
34	Nyabihu	587	3.3%
35	Ngororero	417	2.4%
36	Rusizi	499	2.8%
37	Nyamasheke	454	2.6%
41	Rulindo	592	3.4%
42	Gakenke	573	3.2%
43	Musanze	583	3.3%
44	Burera	688	3.9%
45	Gicumbi	533	3%
51	Rwamagana	660	3.7%
52	Nyagatare	1253	7.1%
53	Gatsibo	955	5.4%
54	Kayonza	1014	5.7%
55	Kirehe	899	5.1%
56	Ngoma	412	2.3%
57	Bugesera	582	3.3%

S1Q3: 1.3 Stratum

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Valid: 17637   Invalid: 0
Type: Discrete   Decimal: 0   Width: 35   Range: 0 - 40   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Large scale farmer	0	0%
10		959	5.4%
11	Intensive cropland on hillsides	13280	75.3%

20	Intensive cropland in marshlands	2359	13.4%
30	Rangelands	1039	5.9%
40	Household/ Village stratum	0	0%

S1Q4: 1.4 Segment

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Valid: 17637   Invalid: 0   Minimum: 0   Maximum: 71   Mean: 16.597   Standard deviation: 13.539
Type: Continuous   Decimal: 0   Width: 8   Range: 0 - 71   Format: Numeric

S2Q1: 2.1 Plot number

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Valid: 17637   Invalid: 0   Minimum: 1   Maximum: 93   Mean: 24.849   Standard deviation: 16.52
Type: Continuous   Decimal: 0   Width: 8   Range: 1 - 93   Format: Numeric

S2Q2: 2.2 Ptot area in sqm

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Valid: 17637   Invalid: 0   Minimum: 24.647   Maximum: 8400348   Mean: 25943.843   Standard deviation: 287407.076
Type: Continuous   Decimal: 0   Width: 10   Range: 24.6467278338969 - 8400348   Format: Numeric

S2Q3_6: 2.3.6 Farmer type

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Valid: 17637   Invalid: 0
Type: Discrete   Decimal: 0   Width: 18   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	small scale farmer	16678	94.6%
2	large scale farmer	959	5.4%

S3Q1: 3.1 Have you used organic fertilizer in this plot during this season?

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Valid: 17637   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	8140	46.2%
2	No	9497	53.8%

S3Q2: 3.2 Quantity of Organic fertilizer used (in Kg)

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Valid: 8140   Invalid: 9497   Minimum: 4   Maximum: 3149640   Mean: 4703.799   Standard deviation: 78599.15
Type: Continuous   Decimal: 0   Width: 10   Range: 4 - 3149640   Format: Numeric

S3Q3: 3.3 Quantity of Organic fertilizer purchased

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Valid: 8140   Invalid: 9497   Minimum: 0   Maximum: 1000000   Mean: 1061.865   Standard deviation: 23172.061

Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 1000000   Format: Numeric

S3Q4: 3.4 Cost of Organic fertilizer purchased (Rwf)

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Valid: 8140   Invalid: 9497   Minimum: 0   Maximum: 12600000   Mean: 14274.856   Standard deviation: 292937.056
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 12600000   Format: Numeric

S3Q5: 3.5 Have you used inorganic fertilizer in this plot during this season?

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Valid: 17637   Invalid: 0

Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	5360	30.4%
2	No	12277	69.6%

S3Q6: 3.6 Inorganic fertilizer type

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Valid: 4465   Invalid: 13172
Type: Discrete   Decimal: 0   Width: 26   Range: 1 - 9   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	NPK 17-17-17	1274	28.5%
2	NPK 20-10-10	110	2.5%
3	NPK 25-5-5	20	0.4%
4	Urea	1281	28.7%
5	Liquid urea	21	0.5%
6	DAP	1589	35.6%
7	TSP	0	0%
8	KCL/MOP	7	0.2%
9	Other inorganic fertilizer	163	3.7%
Sysmiss		13172	

S3Q7: 3.7 Unit

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Valid: 4465   Invalid: 13172
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 4   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Kg	4353	97.5%
2	g	9	0.2%
3	l	89	2%
4	cc	14	0.3%
Sysmiss		13172	

S3Q8: 3.8 Total quantity of inorganic fertilizer used

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Valid: 4465   Invalid: 13172   Minimum: 0.12   Maximum: 157860   Mean: 901.482   Standard deviation: 6375.536

Type: Continuous   Decimal: 0   Width: 10   Range: 0.12 - 157860   Format: Numeric

S3Q9: 3.9 Quantity of inorganic fertilizer purchased

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Valid: 4465   Invalid: 13172   Minimum: 0   Maximum: 157860   Mean: 894.356   Standard deviation: 6362.751
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 157860   Format: Numeric

S3Q10: 3.10 Unit Price(Rwf)

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Valid: 4465   Invalid: 13172   Minimum: 0   Maximum: 244620   Mean: 651.818   Standard deviation: 4238.901
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 244620   Format: Numeric

S3Q11: 3.11 What is the main source of fertilizer used?

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Valid: 4465   Invalid: 13172
Type: Discrete   Decimal: 0   Width: 23   Range: 1 - 6   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Agro-dealers	2521	56.5%

2	NGOs	857	19.2%
3	Market	557	12.5%
4	MINAGRI/RAB/NAEB	388	8.7%
5	Agriculture cooperative	86	1.9%
6	Other place(Specify)	56	1.3%
Sysmiss		13172	

S3Q12: 3.12 What was the main crop the fertilizer was applied?

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Valid: 4465   Invalid: 13172
Type: Discrete   Decimal: 0   Width: 28   Range: 101 - 520   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
101	Maize	811	18.2%
102	Paddy rice	414	9.3%
103	Sorghum	183	4.1%
104	Wheat	72	1.6%
105	Other cereal(specify)	2	0%
106	Bush bean	187	4.2%
107	Climbing bean	684	15.3%
108	Pea	14	0.3%
109	Other pulse	0	0%
111	Irish potato	1102	24.7%
112	Sweet potato	8	0.2%
114	Tomato	203	4.5%
115	Cabbage	64	1.4%
116	Cauliflower	0	0%
117	Onion	23	0.5%
118	Carrot	13	0.3%
119	Eggplant	156	3.5%
120	Other seasonal vegetable	3	0.1%
128	Soybean	86	1.9%
129	Groundnut	8	0.2%
130	Sun flower	0	0%

134	Other seasonal crop	0	0%
135	Black eggplant	3	0.1%
136	Sweet pepper	21	0.5%
138	Amaranth	33	0.7%
139	Celery	0	0%
140	Spinach	0	0%
141	Small red bean	0	0%
142	Sugar beet	3	0.1%
143	Garlic	10	0.2%
144	African cabbage	0	0%
145	Leek	2	0%
146	French bean	39	0.9%
147	Letus	0	0%
148	Brocolli	3	0.1%
162	Millet	0	0%
165	Other tuber (specify)	0	0%
167	Cucumber	2	0%
168	Water melon	10	0.2%
213	Taro	12	0.3%
214	Yam	2	0%
220	Other annual vegetable	0	0%
233	Pyrethrum	1	0%
234	Other annual crop	2	0%
237	Pepper	18	0.4%
249	Napia grass	1	0%
257	Tree tomato	12	0.3%
265	Other tuber	0	0%
266	Pumpkin	6	0.1%
310	Cassava	27	0.6%
320	Other perennial vegetable	0	0%
321	Cooking banana	4	0.1%
322	Dessert banana	1	0%
323	Banana for beer	1	0%
324	Pineapple	0	0%
325	Avocado	0	0%
326	Passion fruit	30	0.7%
327	Other fruit	0	0%
331	Other oil seed	0	0%
332	Coffee	152	3.4%

334	Other perennial crop	3	0.1%
350	Sugar cane	9	0.2%
352	Macadamia	3	0.1%
353	Olive	0	0%
354	Mango	1	0%
355	Apple	0	0%
356	Papaya	0	0%
358	Orange	3	0.1%
359	Lemon	0	0%
360	Guava	0	0%
361	Mulberry	0	0%
363	Stevia	1	0%
364	Jatropha	0	0%
365	Other tuber (specify)	0	0%
368	Palm	0	0%
369	Tea	0	0%
511	Napia grass for fodder	5	0.1%
512	Maize for fodder	8	0.2%
513	Soya for fodder	3	0.1%
514	Leucena	0	0%
515	Desmodium	0	0%
516	Mucuna	0	0%
517	Setaria	0	0%
518	Tripsacum	0	0%
519	Other fodder crop (specify).	1	0%
520	Natural grassland	0	0%
Sysmiss		13172	

S3Q13: 3.13 Have you used pesticides in this plot during this season?

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Valid: 17637   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	

1	Yes	4128	23.4%
2	No	13509	76.6%

S3Q14: 3.14 Pesticide type

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Valid: 3735   Invalid: 13902
Type: Discrete   Decimal: 0   Width: 15   Range: 1 - 10   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Dithane	1193	31.9%
2	Ridomil	494	13.2%
3	Dimethoate	91	2.4%
4	Cypermethrin	830	22.2%
5	Dursiban	4	0.1%
6	Tilt	0	0%
7	Pilkare	1	0%
8	Rocket	714	19.1%
9	Beam	82	2.2%
10	Other Pesticide	326	8.7%
Sysmiss		13902	

S3Q15: 3.15 Unit

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Valid: 3735   Invalid: 13902
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 4   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Kg	1367	36.6%
2	g	549	14.7%
3	l	403	10.8%

4	cc	1416	37.9%
Sysmiss		13902	

S3Q16: 3.16 Total Quantity of pesticide used in this plot

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Valid: 3735   Invalid: 13902   Minimum: 0.02   Maximum: 7500   Mean: 98.484   Standard deviation: 217.551
Type: Continuous   Decimal: 0   Width: 10   Range: 0.02 - 7500   Format: Numeric

S3Q17: 3.17 Quantity of pesticide purchased

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Valid: 3735   Invalid: 13902   Minimum: 0   Maximum: 7500   Mean: 96.597   Standard deviation: 216.171
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 7500   Format: Numeric

S3Q18: 3.18 Total amount spent on quantity bought (Rwf)

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Valid: 3664   Invalid: 13973   Minimum: 50   Maximum: 26364000   Mean: 84394.409   Standard deviation: 935156.245
Type: Continuous   Decimal: 0   Width: 12   Range: 50 - 26364000   Format: Numeric

S3Q19: 3.19 What was the main crop the pesticide was applied?

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Valid: 3735   Invalid: 13902
Type: Discrete   Decimal: 0   Width: 29   Range: 101 - 520   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
101	Maize	325	8.7%
102	Paddy rice	232	6.2%
103	Sorghum	35	0.9%
104	Wheat	11	0.3%
105	Other cereal(specify)	0	0%

106	Bush bean	57	1.5%
107	Climbing bean	255	6.8%
108	Pea	40	1.1%
109	Other pulse	0	0%
111	Irish potato	1746	46.7%
112	Sweet potato	5	0.1%
114	Tomato	391	10.5%
115	Cabbage	67	1.8%
116	Cauliflower	0	0%
117	Onion	45	1.2%
118	Carrot	16	0.4%
119	Eggplant	138	3.7%
120	Other seasonal vegetable	4	0.1%
128	Soybean	9	0.2%
129	Groundnut	2	0.1%
130	Sun flower	0	0%
134	Other seasonal crop	1	0%
135	Black eggplant	1	0%
136	Sweet pepper	27	0.7%
138	Amaranth	29	0.8%
139	Celery	0	0%
140	Spinach	0	0%
141	Small red bean	0	0%
142	Sugar beet	2	0.1%
143	Garlic	15	0.4%
144	African cabbage	0	0%
145	Leek	1	0%
146	French bean	42	1.1%
147	Letus	0	0%
148	Brocolli	1	0%
162	Millet	0	0%
165	Other tuber (specify)	0	0%
167	Cucumber	2	0.1%
168	Water melon	16	0.4%
213	Taro	0	0%
214	Yam	0	0%
220	Other annual vegetable	0	0%
233	Pyrethrum	0	0%
234	Other annual crop	2	0.1%

237	Pepper	15	0.4%
249	Napia grass	0	0%
257	Tree tomato	40	1.1%
265	Other tuber	0	0%
266	Pumpkin	7	0.2%
310	Cassava	0	0%
320	Other perennial vegetable	0	0%
321	Cooking banana	1	0%
322	Dessert banana	2	0.1%
323	Banana for beer	0	0%
324	Pineapple	0	0%
325	Avocado	5	0.1%
326	Passion fruit	34	0.9%
327	Other fruit	0	0%
331	Other oil seed	0	0%
332	Coffee	68	1.8%
334	Other perennial crop	4	0.1%
350	Sugar cane	0	0%
352	Macadamia	3	0.1%
353	Olive	0	0%
354	Mango	8	0.2%
355	Apple	0	0%
356	Papaya	0	0%
358	Orange	18	0.5%
359	Lemon	5	0.1%
360	Guava	0	0%
361	Mulberry	1	0%
363	Stevia	3	0.1%
364	Jatropha	0	0%
365	Other tuber (specify)	0	0%
368	Palm	0	0%
369	Tea	0	0%
511	Napia grass for fodder	0	0%
512	Maize for fodder	4	0.1%
513	Soya for fodder	0	0%
514	Leucena	0	0%
515	Desmodium	0	0%
516	Mucuna	0	0%
517	Setaria	0	0%

518	Tripsacum	0	0%
519	Other fodder crop (specify).	0	0%
520	Natural grassland	0	0%
Sysmiss		13902	

WEIGHT: Segment weight

Data file: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Valid: 17637   Invalid: 0   Minimum: 1   Maximum: 1498.64   Mean: 463.098   Standard deviation: 315.098
Type: Continuous   Decimal: 0   Width: 8   Range: 1 - 1498.63977050781   Format: Numeric

SEGMENT_ID: 1.0 Segment identification

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 19222   Invalid: 0   Minimum: 12001   Maximum: 572059   Mean: 361486.516   Standard deviation: 145921.896
Type: Continuous   Decimal: 0   Width: 10   Range: 12001 - 572059   Format: Numeric

S2Q1: 2.1 Plot number

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 19222   Invalid: 0   Minimum: 1   Maximum: 93   Mean: 25.073   Standard deviation: 16.186
Type: Continuous   Decimal: 0   Width: 8   Range: 1 - 93   Format: Numeric

S1Q1: 1.1 Province

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 19222   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 5   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Kigali	1400	7.3%
2	South	4960	25.8%
3	West	3478	18.1%
4	North	3563	18.5%
5	East	5821	30.3%

S1Q2: 1.2 District

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 19222   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 11 - 57   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
11	Nyarugenge	465	2.4%
12	Gasabo	570	3%
13	Kicukiro	365	1.9%
21	Nyanza	626	3.3%
22	Gisagara	617	3.2%
23	Nyaruguru	566	2.9%
24	Huye	692	3.6%
25	Nyamagabe	656	3.4%
26	Ruhango	575	3%
27	Muhanga	620	3.2%
28	Kamonyi	608	3.2%
31	Karongi	486	2.5%
32	Rutsiro	572	3%
33	Rubavu	500	2.6%
34	Nyabihu	486	2.5%
35	Ngororero	432	2.2%
36	Rusizi	505	2.6%
37	Nyamasheke	497	2.6%
41	Rulindo	713	3.7%
42	Gakenke	692	3.6%
43	Musanze	556	2.9%
44	Burera	743	3.9%
45	Gicumbi	859	4.5%
51	Rwamagana	630	3.3%
52	Nyagatare	1210	6.3%
53	Gatsibo	938	4.9%
54	Kayonza	1024	5.3%
55	Kirehe	1030	5.4%
56	Ngoma	437	2.3%
57	Bugesera	552	2.9%

S1Q3: 1.3 Stratum

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 19222   Invalid: 0
Type: Discrete   Decimal: 0   Width: 35   Range: 10 - 50   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
10	Large scale farmer	744	3.9%
11	Intensive cropland on hillsides	15020	78.1%
20	Intensive cropland in marshlands	2419	12.6%
30	Rangelands	1039	5.4%
40	Household/ Village stratum	0	0%
50	Large scale farmer	0	0%

S1Q4: 1.4 Segment

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 19222   Invalid: 0   Minimum: 0   Maximum: 71   Mean: 16.506   Standard deviation: 13.166
Type: Continuous   Decimal: 0   Width: 8   Range: 0 - 71   Format: Numeric

S2Q3_6: 2.3.6 Farmer type

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 19222   Invalid: 0
Type: Discrete   Decimal: 0   Width: 18   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	small scale farmer	18478	96.1%
2	large scale farmer	744	3.9%

S2Q2: 2.2 Ptot area in sqm

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 19222   Invalid: 0   Minimum: 24.647   Maximum: 8400348   Mean: 12744.956   Standard deviation: 184637.082
Type: Continuous   Decimal: 0   Width: 10   Range: 24.6467278338969 - 8400348   Format: Numeric

S4Q1: 4.1 What is the degree of erosion on this plot?

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 19222   Invalid: 0
Type: Discrete   Decimal: 0   Width: 88   Range: 1 - 3   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Severe (Rill erosion, Gully erosion , Mass movement/landslides)	282	1.5%
2	Moderate (Diffuse overland flow erosion, Overland flow erosion, erosion by infiltration)	2051	10.7%
3	Weak erosion (Splash erosion, Wind erosion)	16889	87.9%

S4Q2: 4.2 Is there any anti erosion activity on this plot?

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 19222   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	14876	77.4%
2	No	4346	22.6%

S4Q3: 4.3 Types of anti-erosion activities existing in the plot (code)

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 14876   Invalid: 4346
Type: Discrete   Decimal: 0   Width: 30   Range: 0 - 9   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	NA	0	0%
1	Ditches	984	6.6%

2	Trees / Wind break/Shelterbelt	464	3.1%
3	Progressive terraces	1774	11.9%
4	Bench terraces	678	4.6%
5	Cover plants/grasses	8087	54.4%
6	Water drainage	1044	7%
7	Mulching	612	4.1%
8	Beds/ridges	1224	8.2%
9	others (specify)	9	0.1%
Sysmiss		4346	

S4Q4: 4.4 Was this anti-erosion activity done during the current agricultur

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 14876   Invalid: 4346
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	1158	7.8%
2	No	13718	92.2%
Sysmiss		4346	

S4Q5: 4.5 What is the total cost of anti-erosion activity done during this season(R

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 1158   Invalid: 18064   Minimum: 0   Maximum: 2280000   Mean: 6992.789   Standard deviation: 74598.832

Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 2280000   Format: Numeric

S4Q6: 4.6 Is this plot fenced?

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 19222   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

Value	Category	Cases	
1	Yes	402	2.1%
2	No	18820	97.9%

S4Q7: 4.7 Was this fence done during the current agricultural season?

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 402   Invalid: 18820
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	24	6%
2	No	378	94%
Sysmiss		18820	

S4Q8: 4.8 Activity cost (RWF)

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 24   Invalid: 19198   Minimum: 0   Maximum: 73000   Mean: 18583.333   Standard deviation: 22276.751
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 73000   Format: Numeric

S4Q9: 4.9 Amount spent on manpower to prepare land, sowing and any other agricultural

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 19222   Invalid: 0   Minimum: 0   Maximum: 413672130   Mean: 291082.992   Standard deviation: 6637664.544
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 413672130   Format: Numeric

S4Q10_1: 4.10.1 Have you used ploughing animals (oxen) during this season?

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 19222   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	1	0%
2	No	19221	100%

S4Q10_2: 4.10.2 At which stage of agriculture practice did you use animal ploughing?

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 0   Invalid: 0
Type: Discrete   Width: 15   Range: -   Format: character

S4Q10_3: 4.10.3 Amount paid on rent of ploughing animals during this season(Rwf)

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 1   Invalid: 19221
Type: Discrete   Decimal: 0   Width: 10   Range: 1705000 - 1705000   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1705000		1	100%
Sysmiss		19221	

S4Q11_1: 4.11.1 Have you used a ploughing tractor during this season?

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 19222   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	64	0.3%
2	No	19158	99.7%

S4Q11_2: 4.11.2 At which stage of agriculture practice did you use ploughing machine?

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 64   Invalid: 19158
Type: Discrete   Decimal: 0   Width: 52   Range: 1 - 29   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Ploughing	21	32.8%
2	Soil levelling	0	0%
3	Raking	0	0%
4	Manuring	0	0%
5	Sowing	0	0%
6	Weeding	0	0%
7	Irrigation	0	0%
8	Harvesting	1	1.6%
9	Threshing	0	0%
10	Winnowing	0	0%
11	Harvest packing	0	0%
12	Pesticides Spraying	0	0%
13	padelling	0	0%
14	Other stage(Specify)	0	0%
15	Ploughing and Soil levelling	32	50%
16	Ploughing,Soil levelling and Raking	0	0%
17	Ploughing,Soil levelling ,Raking,Manuring and Sowing	0	0%
18	Ploughing,Soil levelling,Manuring and Sowing	0	0%
20	Ploughing,Soil levelling,Sowing and Irrigation	0	0%
21	Ploughing,Soil levelling and Pesticides Spraying	0	0%
22	Ploughing,Soil levelling,Sowing and Threshing	1	1.6%
23	Ploughing,Soil levelling,Harvesting and Threshing	1	1.6%
24	Ploughing,Soil levelling and Pesticides Spraying	1	1.6%
25	Ploughing and Sowing	5	7.8%

26	Ploughing,Sowing and padelling	1	1.6%
27	Ploughing and Threshing	1	1.6%
29	Ploughing,Soil levelling and Sowing	0	0%
Sysmiss		19158	

S4Q11_3: 4.11.3 Amount paid on rent of ploughing tractor (Rwf)

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 64   Invalid: 19158   Minimum: 0   Maximum: 55000000   Mean: 2176797.906   Standard deviation: 7241201.04
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 55000000   Format: Numeric

S4Q12_1: 4.12.1 Have you used any other mechanical equipment during this season?

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 19222   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	15	0.1%
2	No	19207	99.9%

S4Q12_2: 4.14.2 At which stage of agriculture practice did you use other mechanical?

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 15   Invalid: 19207
Type: Discrete   Decimal: 0   Width: 34   Range: 1 - 18   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Ploughing	0	0%
2	Soil levelling	0	0%
3	Raking	0	0%

4	Manuring	0	0%
5	Sowing	0	0%
6	Weeding	0	0%
7	Irrigation	8	53.3%
8	Harvesting	4	26.7%
9	Threshing	0	0%
10	Winnowing	0	0%
11	Harvest packing	0	0%
12	Pesticides Spraying	3	20%
13	padelling	0	0%
14	Other stage(Specify)	0	0%
15	Harvesting,Threshing and padelling	0	0%
16	Harvesting and Winnowing	0	0%
17	Threshing and Winnowing	0	0%
18	Threshing,Winnowing and padelling	0	0%
Sysmiss		19207	

S4Q12_3: 4.12.3 Name of other mechanical equipment used during this season

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 15   Invalid: 0
Type: Discrete   Width: 40   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
BOAT AND VEHICLE		3	20%
Harvester		1	6.7%
IMASHINI IZINGA UBWATSI		3	20%
Pompe		8	53.3%

S4Q12_4: 4.12.4 Rent cost for the other mechanical equipment (Rwf)

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 15   Invalid: 19207   Minimum: 0   Maximum: 2665400   Mean: 653080   Standard deviation: 1138776.574
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 2665400   Format: Numeric

S4Q13: 4.13 Have you irrigated your plot during this season?

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 19222   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	615	3.2%
2	No	18607	96.8%

S4Q14: 4.14 What is the source of water for irrigation?

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 615   Invalid: 18607
Type: Discrete   Decimal: 0   Width: 21   Range: 1 - 6   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Rainwater harvesting	9	1.5%
2	Water treatment plant	16	2.6%
3	Underground water	175	28.5%
4	Lake / stream water	354	57.6%
5	Water catchment (dam)	59	9.6%
6	Other (to specify)	2	0.3%
Sysmiss		18607	

S4Q15: 4.15 What is main irrigation technique used on this plot?

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 615   Invalid: 18607
Type: Discrete   Decimal: 0   Width: 39   Range: 1 - 5   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Surface irrigation	65	10.6%
2	Flood irrigation (especially for rice)	198	32.2%
3	Drip irrigation	21	3.4%
4	Sprinkler irrigation	46	7.5%
5	Traditional techniques	285	46.3%
Sysmiss		18607	

S4Q16: 4.16 What is the irrigation tool you have used?

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 615   Invalid: 18607
Type: Discrete   Decimal: 0   Width: 55   Range: 1 - 3456   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Pivot	24	3.9%
2	Irrigation machine	20	3.3%
3	Generator+Pump	52	8.5%
4	Pumps/tubes wells	7	1.1%
5	Water can	176	28.6%
6	Water channels	234	38%
7	Other	35	5.7%
13	Pivot and Irrigation machine	0	0%
14		1	0.2%
16	Irrigation machine and Water channels	0	0%
23		1	0.2%
24		2	0.3%
25	Irrigation machine and Water can	3	0.5%
34	Generator+Pump and Pumps/tubes wells	20	3.3%
35	Generator+Pump and Water can	6	1%
36	Generator+Pump and Water channels	3	0.5%
45	Pumps/tubes wells and Water can	0	0%

46	Pumps/tubes wells and Water channels	0	0%
56	Water can and Water channels	15	2.4%
57	Water can and Other	11	1.8%
234	Irrigation machine,Generator+Pump and Pumps/tubes wells	2	0.3%
256		3	0.5%
346	Generator+Pump,Pumps/tubes wells and Water channels	0	0%
3456	Generator+Pump,Pumps/tubes,Water can and Water channels	0	0%
Sysmiss		18607	

S4Q17: 4.17 Total cost of irrigation?

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 615   Invalid: 18607   Minimum: 0   Maximum: 56126942   Mean: 741376.337   Standard deviation: 3520215.802
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 56126942   Format: Numeric

S4Q18: 4.18 What was the main crop to irrigate?

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 615   Invalid: 18607
Type: Discrete   Decimal: 0   Width: 29   Range: 101 - 555   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
101	Maize	20	3.3%
102	Paddy rice	223	36.3%
103	Sorghum	1	0.2%
104	Wheat	0	0%
105	Other cereal	1	0.2%
106	Bush bean	8	1.3%
107	Climbing bean	2	0.3%
108	Pea	4	0.7%
109	Other pulse	0	0%
111	Irish potato	26	4.2%
112	Sweet potato	5	0.8%
114	Tomato	87	14.1%

115	Cabbage	28	4.6%
116	Cauliflower	0	0%
117	Onion	9	1.5%
118	Carrot	2	0.3%
119	Eggplant	85	13.8%
120	Other seasonal vegetable	1	0.2%
128	Soybean	11	1.8%
129	Groundnut	0	0%
130	Sun flower	0	0%
134	Other seasonal crop	1	0.2%
135	Black eggplant	0	0%
136	Sweet pepper	8	1.3%
138	Amaranth	29	4.7%
139	Celery	0	0%
140	Spinach	0	0%
141	Small red bean	0	0%
142	Sugar beet	1	0.2%
143	Garlic	0	0%
144	African cabbage	0	0%
145	Leek	0	0%
146	French bean	10	1.6%
147	Letus	0	0%
148	Brocolli	1	0.2%
162	Millet	0	0%
165	Other tuber (specify)	1	0.2%
167	Cucumber	0	0%
168	Watermelon	2	0.3%
213	Taro	2	0.3%
214	Yam	0	0%
220	Other annual vegetable	0	0%
233	Pyrethrum	0	0%
234	Other annual crop	0	0%
237	Pepper	12	2%
249	Napia grass	0	0%
257	Tree tomato	1	0.2%
265	Other tuber	0	0%
266	Pumpkin	8	1.3%
310	Cassava	0	0%
320	Other perennial Vegetables	0	0%

321	Cooking banana	1	0.2%
322	Dessert banana	2	0.3%
323	Banana for beer	0	0%
324	Pineapple	0	0%
325	Avocado	2	0.3%
326	Passion fruit	6	1%
327	Other fruit	0	0%
332	Coffee	0	0%
334	Other perennial crop	2	0.3%
350	Sugar cane	0	0%
352	Macadamia	2	0.3%
354	Mango	1	0.2%
355	Apple	0	0%
356	Papaya	1	0.2%
358	Orange	2	0.3%
359	Lemon	2	0.3%
360	Guava	0	0%
361	Mulberry	0	0%
363	Stevia	2	0.3%
364	Jatropha	0	0%
365	Other perennial tuber	0	0%
368	Palm	0	0%
369	Tea	0	0%
444	Sugar apple	0	0%
511	Napia grass for fodder	2	0.3%
512	Maize for fodder	0	0%
513	Soybean for fodder	0	0%
514	Leucena	0	0%
515	Desmodium	0	0%
516	Mucuna	0	0%
517	Setaria	0	0%
518	Tripsacum	0	0%
519	Other fodder crop (specify).	1	0.2%
555	Jackfruit	0	0%
Sysmiss		18607	

WEIGHT: Segment weight

Data file: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Valid: 19222   Invalid: 0   Minimum: 1   Maximum: 1498.64   Mean: 490.375   Standard deviation: 317.665
Type: Continuous   Decimal: 0   Width: 8   Range: 1 - 1498.63977050781   Format: Numeric

SEGMENT_ID: 1.0 Segment identification

Data file: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Valid: 61548   Invalid: 0   Minimum: 12001   Maximum: 572059   Mean: 367570.439   Standard deviation: 148785.86
Type: Continuous   Decimal: 0   Width: 10   Range: 12001 - 572059   Format: Numeric

S2Q1: 2.1 Plot number

Data file: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Valid: 61548   Invalid: 0   Minimum: 1   Maximum: 93   Mean: 25.135   Standard deviation: 16.422
Type: Continuous   Decimal: 0   Width: 8   Range: 1 - 93   Format: Numeric

S1Q1: 1.1 Province

Data file: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Valid: 61548   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 5   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Kigali	4252	6.9%
2	South	14940	24.3%
3	West	11188	18.2%
4	North	10144	16.5%
5	East	21024	34.2%

S1Q2: 1.2 District

Data file: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Valid: 61548   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 11 - 57   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
11	Nyarugenge	1396	2.3%
12	Gasabo	1680	2.7%
13	Kicukiro	1176	1.9%
21	Nyanza	1924	3.1%
22	Gisagara	1992	3.2%
23	Nyaruguru	1480	2.4%
24	Huye	1900	3.1%
25	Nyamagabe	1768	2.9%
26	Ruhango	2124	3.5%
27	Muhanga	1996	3.2%
28	Kamonyi	1756	2.9%
31	Karongi	1516	2.5%
32	Rutsiro	1700	2.8%
33	Rubavu	1604	2.6%
34	Nyabihu	1528	2.5%
35	Ngororero	1484	2.4%
36	Rusizi	1692	2.7%
37	Nyamasheke	1664	2.7%
41	Rulindo	2120	3.4%
42	Gakenke	2040	3.3%
43	Musanze	1808	2.9%
44	Burera	2148	3.5%
45	Gicumbi	2028	3.3%
51	Rwamagana	2212	3.6%
52	Nyagatare	4208	6.8%
53	Gatsibo	3568	5.8%
54	Kayonza	3796	6.2%
55	Kirehe	3512	5.7%
56	Ngoma	1576	2.6%
57	Bugesera	2152	3.5%

S1Q3: 1.3 Stratum

Data file: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Valid: 61548   Invalid: 0
Type: Discrete   Decimal: 0   Width: 35   Range: 10 - 40   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
10	Large scale farmer	2636	4.3%
11	Intensive cropland on hillsides	47044	76.4%
20	Intensive cropland in marshlands	8048	13.1%
30	Rangelands	3820	6.2%
40	Household/ Village stratum	0	0%

S1Q4: 1.4 Segment

Data file: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Valid: 61548   Invalid: 0   Minimum: 0   Maximum: 71   Mean: 17.042   Standard deviation: 13.771
Type: Continuous   Decimal: 0   Width: 8   Range: 0 - 71   Format: Numeric

S2Q3_6: 2.3.6 Farmer type

Data file: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Valid: 61548   Invalid: 0
Type: Discrete   Decimal: 0   Width: 18   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	small scale farmer	58912	95.7%
2	large scale farmer	2636	4.3%

S2Q2: 2.2 Ptot area in sqm

Data file: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Valid: 61548   Invalid: 0   Minimum: 24.647   Maximum: 8400348   Mean: 14677.684   Standard deviation: 202774.189
Type: Continuous   Decimal: 0   Width: 10   Range: 24.6467278338969 - 8400348   Format: Numeric

S5Q1: 5.1 Is this plot owned or rented?

Data file: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Valid: 61548   Invalid: 0
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 3   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Owned	47124	76.6%
2	Free lending	5820	9.5%
3	Rented	8604	14%

S5Q2: 5.2 Ownership category

Data file: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Valid: 47124   Invalid: 14424
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 4   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Heritage	20800	44.1%
2	Gift	6800	14.4%
3	Exchange	228	0.5%
4	Bought	19296	40.9%
Sysmiss		14424	

S5Q3: 5.3 When has this plot been bought?

Data file: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Valid: 19296   Invalid: 42252
Type: Discrete   Decimal: 0   Width: 16   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	This season	284	1.5%
2	Previous seasons	19012	98.5%
Sysmiss		42252	

S5Q4: 5.4 If the plot was purchased during this season or last year, what was the cost

Data file: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Valid: 284   Invalid: 61264   Minimum: 25000   Maximum: 6000000   Mean: 579929.577   Standard deviation: 819959.274
Type: Continuous   Decimal: 0   Width: 10   Range: 25000 - 6000000   Format: Numeric

S5Q5: 5.5 If the plot was rented, what kind of payment have you agreed on during this

Data file: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Valid: 8604   Invalid: 52944
Type: Discrete   Decimal: 0   Width: 27   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Payment by cash	7140	83%
2	Payment by production share	1464	17%
Sysmiss		52944	

S5Q6: 5.6 If the rented plot was paid by cash, what is the amount for this season?

Data file: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Valid: 7140   Invalid: 54408   Minimum: 15   Maximum: 20440000   Mean: 168982.128   Standard deviation: 1143394.707
Type: Continuous   Decimal: 0   Width: 16   Range: 15 - 20440000   Format: Numeric

S5Q7: 5.7 What are crops in this plot that have been chosen for production share for t

Data file: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Valid: 640   Invalid: 60908
Type: Discrete   Decimal: 0   Width: 29   Range: 101 - 999   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
101	Maize	113	17.7%
102	Paddy rice	7	1.1%
103	Sorghum	115	18%
104	Wheat	0	0%
105	Other cereal	0	0%
106	Bush bean	146	22.8%
107	Climbing bean	31	4.8%
108	Pea	2	0.3%
109	Other pulse	0	0%
111	Irish potato	14	2.2%
112	Sweet potato	34	5.3%
114	Tomato	1	0.2%
115	Cabbage	1	0.2%
116	Cauliflower	0	0%
117	Onion	0	0%
118	Carrot	0	0%
119	Eggplant	2	0.3%
120	Other seasonal vegetable	0	0%
128	Soybean	10	1.6%
129	Groundnut	20	3.1%
130	Sun flower	4	0.6%
134	Other seasonal crop	0	0%
135	Black eggplant	0	0%
136	Sweet pepper	0	0%
138	Amaranth	0	0%
139	Celery	0	0%
140	Spinach	0	0%
141	Small red bean	1	0.2%
142	Sugar beet	0	0%
143	Garlic	0	0%
144	African cabbage	0	0%
145	Leek	0	0%

146	French bean	0	0%
147	Letus	0	0%
148	Brocolli	0	0%
162	Millet	0	0%
165	Other tuber (specify)	0	0%
167	Cucumber	0	0%
213	Taro	14	2.2%
214	Yam	1	0.2%
220	Other annual vegetable	0	0%
233	Pyrethrum	0	0%
234	Other annual crop	0	0%
237	Pepper	0	0%
249	Napia grass	0	0%
265	Other tuber	0	0%
266	Pumpkin	0	0%
310	Cassava	51	8%
320	Other perennial vegetable	0	0%
321	Cooking banana	12	1.9%
322	Dessert banana	5	0.8%
323	Banana for beer	4	0.6%
332	Coffee	0	0%
334	Other perennial crop	0	0%
350	Sugar cane	0	0%
361	Mulberry	0	0%
363	Stevia	0	0%
364	Jatropha	0	0%
365	Other perennial tuber	0	0%
368	Palm	0	0%
369	Tea	0	0%
511	Napia grass for fodder	0	0%
512	Maize for fodder	0	0%
513	Soybean for fodder	0	0%
514	Leucena	0	0%
515	Desmodium	0	0%
516	Mucuna	0	0%
517	Setaria	0	0%
518	Tripsacum	0	0%
519	Other fodder crop (specify).	0	0%
999		52	8.1%

Sysmiss		60908	

S5Q8: 5.8 If the rented plot was paid by production share, what is the percentage shar

Data file: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Valid: 588   Invalid: 60960   Minimum: 0   Maximum: 100   Mean: 50.566   Standard deviation: 7.412
Type: Continuous   Decimal: 0   Width: 8   Range: 0 - 100   Format: Numeric

WEIGHT: Segment weight

Data file: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Valid: 61548   Invalid: 0   Minimum: 1   Maximum: 1498.64   Mean: 476.09   Standard deviation: 317.024
Type: Continuous   Decimal: 0   Width: 8   Range: 1 - 1498.63977050781   Format: Numeric

SEGMENT_ID: 1.0 Segment identification

Data file: rwa-sas-seasonB-Screening

Overview

Valid: 43411   Invalid: 0   Minimum: 12001   Maximum: 572059   Mean: 369115.185   Standard deviation: 145710.043
Type: Continuous   Decimal: 0   Width: 10   Range: 12001 - 572059   Format: Numeric

S1Q1: 1.1 Province Name

Data file: rwa-sas-seasonB-Screening

Overview

Valid: 43411   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 5   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Kigali	3220	7.4%
2	South	11250	25.9%
3	West	7695	17.7%
4	North	6557	15.1%
5	East	14689	33.8%

S1Q2: 1.2 District Name

Data file: rwa-sas-seasonB-Screening

Overview

Valid: 43411   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 11 - 57   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
11	Nyarugenge	1012	2.3%
12	Gasabo	1299	3%
13	Kicukiro	909	2.1%
21	Nyanza	1428	3.3%
22	Gisagara	1435	3.3%
23	Nyaruguru	1151	2.7%

24	Huye	1392	3.2%
25	Nyamagabe	1445	3.3%
26	Ruhango	1489	3.4%
27	Muhanga	1522	3.5%
28	Kamonyi	1388	3.2%
31	Karongi	1218	2.8%
32	Rutsiro	1200	2.8%
33	Rubavu	740	1.7%
34	Nyabihu	911	2.1%
35	Ngororero	1308	3%
36	Rusizi	1123	2.6%
37	Nyamasheke	1195	2.8%
41	Rulindo	1566	3.6%
42	Gakenke	1341	3.1%
43	Musanze	1007	2.3%
44	Burera	1276	2.9%
45	Gicumbi	1367	3.1%
51	Rwamagana	1615	3.7%
52	Nyagatare	3118	7.2%
53	Gatsibo	2296	5.3%
54	Kayonza	2806	6.5%
55	Kirehe	2368	5.5%
56	Ngoma	1051	2.4%
57	Bugesera	1435	3.3%

AREA_HA: Segment Physical area in ha

Data file: rwa-sas-seasonB-Screening

Overview

Valid: 42239   Invalid: 1172   Minimum: 9.497   Maximum: 52.878   Mean: 12.817   Standard deviation: 10.26
Type: Continuous   Decimal: 0   Width: 10   Range: 9.4966733 - 52.87763   Format: Numeric

S1Q3: 1.3 Stratum (Not applicable for LSF)

Data file: rwa-sas-seasonB-Screening

Overview

Valid: 43411   Invalid: 0
Type: Discrete   Decimal: 0   Width: 32   Range: 10 - 50   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
10	Large scale farmer	1172	2.7%
11	Intensive cropland on hillsides	34256	78.9%
20	Intensive cropland in marshlands	5069	11.7%
30	Rangelands	2914	6.7%
40	Household/ Village stratum	0	0%
50	Large scale farmer	0	0%

S1Q4: 1.4 Segment (Not applicable for LSF)

Data file: rwa-sas-seasonB-Screening

Overview

Valid: 43411   Invalid: 0   Minimum: 1   Maximum: 99   Mean: 20.013   Standard deviation: 18.9
Type: Continuous   Decimal: 0   Width: 8   Range: 1 - 99   Format: Numeric

S1Q5: 1.5 Date of visting the segment/LSF(DD/MM/YYY)

Data file: rwa-sas-seasonB-Screening

Overview

Valid: 42239   Minimum: 2019-05-05   Maximum: 2019-05-25
Type: Discrete   Width: 11   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
2019-05-05		51	0.1%
2019-05-06		3359	8%
2019-05-07		3598	8.5%
2019-05-08		3186	7.5%
2019-05-09		3272	7.7%
2019-05-10		3541	8.4%
2019-05-11		2592	6.1%
2019-05-12		74	0.2%
2019-05-13		2887	6.8%
2019-05-14		3121	7.4%
2019-05-15		3285	7.8%

2019-05-16		3081	7.3%
2019-05-17		2813	6.7%
2019-05-18		1910	4.5%
2019-05-19		147	0.3%
2019-05-20		2076	4.9%
2019-05-21		1629	3.9%
2019-05-22		1040	2.5%
2019-05-23		473	1.1%
2019-05-24		22	0.1%
2019-05-25		82	0.2%

S1Q6: 1.6 Number of grids in the segment(Not applicable for LSF)

Data file: rwa-sas-seasonB-Screening

Overview

Valid: 43411   Invalid: 0   Minimum: 47   Maximum: 99   Mean: 54.117   Standard deviation: 12.508
Type: Continuous   Decimal: 0   Width: 8   Range: 47 - 99   Format: Numeric

S2Q1: 2.1 Sampled Grid point number

Data file: rwa-sas-seasonB-Screening

Overview

Valid: 43411   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 99 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
99	na	43411	100%

S2Q2: 2.2 Plot Number (PID)

Data file: rwa-sas-seasonB-Screening

Overview

Valid: 43411   Invalid: 0   Minimum: 1   Maximum: 93   Mean: 25.374   Standard deviation: 16.429
Type: Continuous   Decimal: 0   Width: 8   Range: 1 - 93   Format: Numeric

S2Q3: 2.3 Plot size (ha)

Data file: rwa-sas-seasonB-Screening

Overview

Valid: 43411   Invalid: 0   Minimum: 0.000562   Maximum: 2020.516   Mean: 0.911   Standard deviation: 17.945
Type: Continuous   Decimal: 0   Width: 10   Range: 0.000561628956347704 - 2020.5162   Format: Numeric

S2Q4_1: Farmer type

Data file: rwa-sas-seasonB-Screening

Overview

Valid: 43411   Invalid: 0
Type: Discrete   Decimal: 0   Width: 19   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	small scale farmer	42239	97.3%
2	larger scale farmer	1172	2.7%

S2Q5: 2.5 No.of Grids in the same Plot

Data file: rwa-sas-seasonB-Screening

Overview

Valid: 43411   Invalid: 0   Minimum: 1   Maximum: 999   Mean: 28.636   Standard deviation: 161.669
Type: Continuous   Decimal: 0   Width: 8   Range: 1 - 999   Format: Numeric

S2Q6: 2.6 Land Use

Data file: rwa-sas-seasonB-Screening

Overview

Valid: 43411   Invalid: 0
Type: Discrete   Decimal: 0   Width: 21   Range: 96 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
96	Agricultural Land	37232	85.8%
97	Pasture	673	1.6%
98	Fallow	2268	5.2%

99	Non-agricultural land	3238	7.5%

S2Q7: 2.7 Non- agricultural Land Type

Data file: rwa-sas-seasonB-Screening

Overview

Valid: 3238   Invalid: 40173
Type: Discrete   Decimal: 0   Width: 23   Range: 1 - 7   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Buildings	1199	37%
2	Road/Path	423	13.1%
3	Forest/Bush	1283	39.6%
4	Bare/Rocky soil	54	1.7%
5	Uncultivated marshlands	34	1.1%
6	Water body	149	4.6%
7	Others	96	3%
Sysmiss		40173	

S2Q8: 2.8 Cropping System

Data file: rwa-sas-seasonB-Screening

Overview

Valid: 37904   Invalid: 5507
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Pure	6654	17.6%
2	Mixed	31250	82.4%
Sysmiss		5507	

S2Q9: 2.9 Number of main crops in the plot

Data file: rwa-sas-seasonB-Screening

Overview

Valid: 37905   Invalid: 5506
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 5   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		6654	17.6%
2		10138	26.7%
3		9786	25.8%
4		6632	17.5%
5		4695	12.4%
Sysmiss		5506	

S2Q10: 2.10 Crop type

Data file: rwa-sas-seasonB-Screening

Overview

Valid: 37481   Invalid: 5930
Type: Discrete   Decimal: 0   Width: 43   Range: 1 - 3   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Seasonal crops harvested once a season	22606	60.3%
2	Seasonal crops harvested more than one time	923	2.5%
3	Perennial crops	13952	37.2%
Sysmiss		5930	

S2Q11: 2.11 Crop name

Data file: rwa-sas-seasonB-Screening

Overview

Valid: 37905   Invalid: 5506
Type: Discrete   Decimal: 0   Width: 29   Range: 101 - 520   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
101	Maize	3688	9.7%
102	Paddy rice	249	0.7%
103	Sorghum	3042	8%
104	Wheat	217	0.6%
105	Other cereal	1	0%
106	Bush bean	4902	12.9%
107	Climbing bean	2604	6.9%
108	Pea	391	1%
109	Other pulse	0	0%
111	Irish potato	1771	4.7%
112	Sweet potato	3098	8.2%
114	Tomato	195	0.5%
115	Cabbage	114	0.3%
116	Cauliflower	0	0%
117	Onion	52	0.1%
118	Carrot	31	0.1%
119	Eggplant	213	0.6%
120	Other seasonal vegetable	3	0%
128	Soybean	1030	2.7%
129	Groundnut	697	1.8%
130	Sun flower	93	0.2%
134	Other seasonal crop	8	0%
135	Black eggplant	4	0%
136	Sweet pepper	30	0.1%
138	Amaranth	61	0.2%
139	Celery	2	0%
140	Spinach	1	0%
141	Small red bean	5	0%
142	Sugar beet	13	0%
143	Garlic	8	0%
144	African cabbage	0	0%
145	Leek	6	0%
146	French bean	41	0.1%
147	Letus	0	0%
148	Brocolli	1	0%
162	Millet	6	0%
165	Other tuber (specify)	1	0%
167	Cucumber	4	0%

168	Watermelon	8	0%
213	Taro	638	1.7%
214	Yam	17	0%
220	Other annual vegetable	3	0%
233	Pyrethrum	77	0.2%
234	Other annual crop	18	0%
237	Pepper	23	0.1%
249	Napia grass	45	0.1%
257	Tree tomato	77	0.2%
265	Other tuber	1	0%
266	Pumpkin	24	0.1%
267	Passion fruit	0	0%
310	Cassava	6289	16.6%
320	Other perennial vegetable	0	0%
321	Cooking banana	2314	6.1%
322	Dessert banana	1347	3.6%
323	Banana for beer	2610	6.9%
324	Pineapple	42	0.1%
325	Avocado	24	0.1%
326	Passion fruit	51	0.1%
327	Other fruit	4	0%
332	Coffee	662	1.7%
334	Other perennial crop	11	0%
350	Sugar cane	133	0.4%
352	Macadamia	32	0.1%
353	Olive	3	0%
354	Mango	47	0.1%
355	Apple	0	0%
356	Papaya	13	0%
358	Orange	28	0.1%
359	Lemon	5	0%
360	Guava	3	0%
361	Mulberry	12	0%
363	Stevia	2	0%
364	Jatropha	0	0%
365	Other perennial tuber	1	0%
368	Palm	41	0.1%
369	Tea	45	0.1%
511	Napia grass for fodder	172	0.5%

512	Maize for fodder	15	0%
513	Soybean for fodder	1	0%
514	Leucena	1	0%
515	Desmodium	6	0%
516	Mucuna	2	0%
517	Setaria	4	0%
518	Tripsacum	17	0%
519	Other fodder crop (specify).	31	0.1%
520	Natural grass	424	1.1%
Sysmiss		5506	

S2Q14: 2.14 Is this crop for this season?

Data file: rwa-sas-seasonB-Screening

Overview

Valid: 37481   Invalid: 5930
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	31724	84.6%
2	No	5757	15.4%
Sysmiss		5930	

S2Q15: 2.15 Expected period for harvesting

Data file: rwa-sas-seasonB-Screening

Overview

Valid: 37481   Invalid: 5930
Type: Discrete   Decimal: 0   Width: 18   Range: 1 - 21   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Before 01/12	90	0.2%
2	Between 01-15 /12	51	0.1%
3	Between 16- 31/12	77	0.2%

4	Between 01-15/01	153	0.4%
5	Between 16- 31/01	216	0.6%
6	Between 01-28/02	230	0.6%
7	After 28/02	143	0.4%
8	Before May	5586	14.9%
9	Between 01-15/05	1633	4.4%
10	Between 16- 30/05	3530	9.4%
11	Between 01 -15/06	5025	13.4%
12	Between 16 -30/06	4509	12%
13	Between 01-31/07	7223	19.3%
14	Between 01-31/8	2720	7.3%
15	After August	6295	16.8%
16	Before 30/7	0	0%
17	Between 01-15/08	0	0%
18	Between 16-31/08	0	0%
19	Between 01- 15/09	0	0%
20	Between 16 -30/09	0	0%
21	After September	0	0%
Sysmiss		5930	

WEIGHT: Segment. weight

Data file: rwa-sas-seasonB-Screening

Overview

Valid: 43411   Invalid: 0   Minimum: 1   Maximum: 1498.64   Mean: 484.837   Standard deviation: 312.678
Type: Continuous   Decimal: 0   Width: 8   Range: 1 - 1498.63977050781   Format: Numeric

CROPGROUP: Crop category and major crops

Data file: rwa-sas-seasonB-Screening

Overview

Valid: 37904   Invalid: 5507
Type: Discrete   Decimal: 0   Width: 51   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Cereals	7203	19%
2	Vegetables and Melons	730	1.9%

3	Fruit and Nuts	6597	17.4%
4	Oilseed crops	1864	4.9%
5	Root/tuber crops with high starch or inulin content	11815	31.2%
6	Beverage and spice crops	760	2%
7	Leguminous crops	7943	21%
8	Sugar crops	148	0.4%
91	Grasses and other fodder crops	673	1.8%
99	Other crops	171	0.5%
Sysmiss		5507	

CROP_AREA: crop estimated area

Data file: rwa-sas-seasonB-Screening

Overview

Valid: 43411   Invalid: 0   Minimum: 0.000455   Maximum: 2020.516   Mean: 0.77   Standard deviation: 17.414
Type: Continuous   Decimal: 0   Width: 9   Range: 0.000454639171948656 - 2020.51623535156   Format: Numeric

SEGMENT_ID: 1.0 Segment identification

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0   Minimum: 112001   Maximum: 572059   Mean: 346257.757   Standard deviation: 117361.969
Type: Continuous   Decimal: 0   Width: 10   Range: 112001 - 572059   Format: Numeric

S1Q1: 1.1 Province

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 5   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Kigali	40	2.4%
2	South	680	40.8%
3	West	335	20.1%
4	North	365	21.9%
5	East	247	14.8%

S1Q2: 1.2 District

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 11 - 57   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
11	Nyarugenge	15	0.9%
12	Gasabo	25	1.5%
13	Kicukiro	0	0%
21	Nyanza	75	4.5%
22	Gisagara	154	9.2%
23	Nyaruguru	83	5%

24	Huye	70	4.2%
25	Nyamagabe	97	5.8%
26	Ruhango	50	3%
27	Muhanga	95	5.7%
28	Kamonyi	56	3.4%
31	Karongi	27	1.6%
32	Rutsiro	104	6.2%
33	Rubavu	30	1.8%
34	Nyabihu	82	4.9%
35	Ngororero	55	3.3%
36	Rusizi	33	2%
37	Nyamasheke	4	0.2%
41	Rulindo	32	1.9%
42	Gakenke	43	2.6%
43	Musanze	124	7.4%
44	Burera	104	6.2%
45	Gicumbi	62	3.7%
51	Rwamagana	30	1.8%
52	Nyagatare	15	0.9%
53	Gatsibo	59	3.5%
54	Kayonza	11	0.7%
55	Kirehe	22	1.3%
56	Ngoma	0	0%
57	Bugesera	110	6.6%

S1Q3: 1.3 Stratum

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0
Type: Discrete   Decimal: 0   Width: 35   Range: 11 - 30   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
11	Intensive cropland on hillsides	234	14%
20	Intensive cropland in marshlands	1431	85.8%
30	Rangelands	2	0.1%

S1Q4: 1.4 Segment

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0   Minimum: 1   Maximum: 59   Mean: 15.765   Standard deviation: 12.724
Type: Continuous   Decimal: 0   Width: 8   Range: 1 - 59   Format: Numeric

S1Q5: 1.5 Date of visting the segment/LSF(DD/MM/YYY)

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 0   Invalid: 1667
Type: Discrete   Decimal: 0   Width: 9   Range: -   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
Sysmiss	

S2Q1: 2.1 Plot No.

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0   Minimum: 1   Maximum: 93   Mean: 25.654   Standard deviation: 15.014
Type: Continuous   Decimal: 0   Width: 8   Range: 1 - 93   Format: Numeric

S2Q2: 2.2 Plot area in ha

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0   Minimum: 0.00337   Maximum: 2.002   Mean: 0.102   Standard deviation: 0.159
Type: Continuous   Decimal: 0   Width: 9   Range: 0.00337200402282178 - 2.00171494483948   Format: Numeric

S2Q3_1: 2.3.1 Farmer type

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0
Type: Discrete   Decimal: 0   Width: 18   Range: 1 - 1   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	small scale farmer	1667	100%

S2Q4: 2.4 Cropping system

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Pure	1036	62.1%
2	Mixed	631	37.9%

S2Q5: 2.5 Number of crops

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 5   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		1036	62.1%
2		473	28.4%
3		123	7.4%
4		20	1.2%
5		15	0.9%

S2Q6: 2.6.crop_name

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0
Type: Discrete   Decimal: 0   Width: 28   Range: 97 - 519   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
97	Pasture	0	0%
98	Fallow	0	0%
99	Non-agricultural	0	0%
101	Maize	0	0%
102	Paddy rice	0	0%
103	Sorghum	0	0%
104	Wheat	0	0%
105	Other cereal(specify)	0	0%
106	Bush bean	137	8.2%
107	Climbing bean	35	2.1%
108	Pea	51	3.1%
109	Other pulse	0	0%
111	Irish potato	385	23.1%
112	Sweet potato	565	33.9%
114	Tomato	110	6.6%
115	Cabbage	91	5.5%
116	Cauliflower	0	0%
117	Onion	10	0.6%
118	Carrot	40	2.4%
119	Eggplant	58	3.5%
120	Other seasonal vegetable	0	0%
128	Soybean	115	6.9%
129	Groundnut	0	0%
130	Sun flower	0	0%
134	Other seasonal crop	0	0%
135	Black eggplant	0	0%
136	Sweet pepper	9	0.5%
138	Amaranth	33	2%
139	Celery	0	0%
140	Spinach	0	0%
141	Small red bean	0	0%
142	Sugar beet	11	0.7%

143	Garlic	3	0.2%
144	African cabbage	0	0%
145	Leek	0	0%
146	French bean	12	0.7%
147	Letus	0	0%
148	Brocolli	0	0%
162	Millet	0	0%
165	Other tuber (specify)	0	0%
167	Cucumber	1	0.1%
168	Water melon	0	0%
201	Other seasonal vegetable	0	0%
213	Taro	0	0%
214	Yam	0	0%
220	Other annual vegetable	0	0%
233	Pyrethrum	0	0%
234	Other annual crop	1	0.1%
237	Pepper	0	0%
249	Napia grass	0	0%
257	Tree tomato	0	0%
265	Other tuber	0	0%
266	Pumpkin	0	0%
267	Marakuja	0	0%
310	Cassava	0	0%
320	Other perennial vegetable	0	0%
321	Cooking banana	0	0%
322	Dessert banana	0	0%
323	Banana for beer	0	0%
324	Pineapple	0	0%
325	Avocado	0	0%
326	Passion fruit	0	0%
327	Other fruit	0	0%
331	Other oil seed	0	0%
332	Coffee	0	0%
334	Other perennial crop	0	0%
350	Sugar cane	0	0%
352	Macadamia	0	0%
353	Olive	0	0%
354	Mango	0	0%
355	Apple	0	0%

356	Papaya	0	0%
358	Orange	0	0%
359	Lemon	0	0%
360	Guava	0	0%
361	Mulberry	0	0%
363	Stevia	0	0%
364	Jatropha	0	0%
365	Other tuber (specify)	0	0%
368	Palm	0	0%
369	Tea	0	0%
511	Napia grass for fodder	0	0%
512	Maize for fodder	0	0%
513	Soya for fodder	0	0%
514	Leucena	0	0%
515	Desmodium	0	0%
516	Mucuna	0	0%
517	Setaria	0	0%
518	Tripsacum	0	0%
519	Other fodder crop (specify).	0	0%

S2Q7: 2.7.Developped crop area in ha

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0   Minimum: 0.0574   Maximum: 195.756   Mean: 4.897   Standard deviation: 8.996
Type: Continuous   Decimal: 0   Width: 9   Range: 0.0574111491441727 - 195.755752563477   Format: Numeric

S2Q8: 2.8 Sowing Date

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0
Type: Discrete   Decimal: 0   Width: 18   Range: 1 - 23   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Before 30/06	0	0%
2	Between 01-15 /07	0	0%

3	Between 16- 31/07	0	0%
4	Between 01-15/08	0	0%
5	Between 16- 31/08	0	0%
6	Between 01-15/09	0	0%
7	Between 16-30/09	0	0%
8	Between 01- 15/10	0	0%
9	Between 16 -30/10	0	0%
10	After 31/10	0	0%
11	Before 31/12	0	0%
12	Between 01-15/01	0	0%
13	Between 16- 31/01	0	0%
14	Between 01- 15/02	0	0%
15	Between 16- 28/02	0	0%
16	Between 01-15/03	0	0%
17	Between 16-31/03	0	0%
18	After 31/03	0	0%
19	Before 30/04	86	5.2%
20	Between 01-31/05	349	20.9%
21	Between 01- 30/06	602	36.1%
22	Between 01- 31/07	527	31.6%
23	After 31/07	103	6.2%

S2Q9: 2.9 Expected period for harvesting

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0
Type: Discrete   Decimal: 0   Width: 25   Range: 1 - 21   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Before 01/12	0	0%
2	Between 01-15 /12	0	0%
3	Between 16- 31/12	0	0%
4	Between 01-15/01	0	0%
5	Between 16- 31/01	0	0%
6	Between 01-28/02	0	0%

7	After 28/02	0	0%
8	Before May	0	0%
9	Between 01-15/05	0	0%
10	Between 16-31/05	0	0%
11	Between 01- 15/06	0	0%
12	Between 16 -30/06	0	0%
13	Between 01-31/07	0	0%
14	Between 01-31/08	0	0%
15	After August	0	0%
16	Before 30/07	18	1.1%
17	Between 01-15/08	62	3.7%
18	Between 15-30/08	155	9.3%
19	Between 01-15/09	162	9.7%
20	Between 16 -30/09	1268	76.1%
21	After September	2	0.1%

S2Q10: 2.10 Types of Seeds sown

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0
Type: Discrete   Decimal: 0   Width: 30   Range: 1 - 3   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Traditional seeds	1453	87.2%
2	Improved seeds	209	12.5%
3	Both traditional&Improved	5	0.3%

S2Q11_1: 2.11.1 Traditional seed sown(Unit)

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1458   Invalid: 209
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 3   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Kg	708	48.6%
2	g	46	3.2%
3	NA	704	48.3%
Sysmiss		209	

S2Q11_2: 2.11.2 Quantity of traditional seed sown

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 754   Invalid: 913   Minimum: 0.1   Maximum: 2768   Mean: 74.619   Standard deviation: 169.968
Type: Continuous   Decimal: 0   Width: 10   Range: 0.1 - 2768   Format: Numeric

S2Q12: 2.12 Quantity of traditional seeds purchased

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 754   Invalid: 913   Minimum: 0   Maximum: 2768   Mean: 46.191   Standard deviation: 153.816
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 2768   Format: Numeric

S2Q13: 2.13 Amount spent on traditional seeds(Rfw)

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1458   Invalid: 209   Minimum: 0   Maximum: 4000000   Mean: 10694.204   Standard deviation: 110044.622

Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 4000000   Format: Numeric

S2Q14_1: 2.14.1 Improved seeds sown(Unit)

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 214   Invalid: 1453
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 3   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Kg	26	12.1%
2	g	152	71%
3	NA	36	16.8%
Sysmiss		1453	

S2Q14_2: 2.14.2 Improved seeds sown(Qty)

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 178   Invalid: 1489   Minimum: 0.5   Maximum: 1300   Mean: 88.399   Standard deviation: 153.558
Type: Continuous   Decimal: 0   Width: 10   Range: 0.5 - 1300   Format: Numeric

S2Q15: 2.15 Quantity of improved seeds purchased

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 178   Invalid: 1489   Minimum: 0   Maximum: 1300   Mean: 88.107   Standard deviation: 153.683
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 1300   Format: Numeric

S2Q16: 2.16 Amount spent on improved seeds(Rfw)

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 214   Invalid: 1453   Minimum: 0   Maximum: 832000   Mean: 11843.505   Standard deviation: 66354.417
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 832000   Format: Numeric

S2Q17: 2.17 Where did improved seeds sown come from?

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 214   Invalid: 1453
Type: Discrete   Decimal: 0   Width: 32   Range: 1 - 7   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Government(MINAGRI/RAB/DISTRICT)	4	1.9%
2	Recognized seed multipliers	26	12.1%

3	Agro dealers	90	42.1%
4	NGOs	1	0.5%
5	Market	86	40.2%
6	Agricultural Cooperative	2	0.9%
7	Other (specify)	5	2.3%
Sysmiss		1453	

S2Q18_1: 2.18.1 On average how many trees are in this plot?

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 0   Invalid: 1667
Type: Discrete   Decimal: 0   Width: 12   Range: -   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
Sysmiss	

S2Q18_2: 2.18.2 On average how many trees have you harvested/to be harvested in this plot

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 0   Invalid: 1667
Type: Discrete   Decimal: 0   Width: 12   Range: -   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
Sysmiss	

S2Q19: 2.19. Quantity already harvested in this plot (in Kg)

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0   Minimum: 0   Maximum: 15250   Mean: 203.109   Standard deviation: 745.647
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 15250   Format: Numeric

S2Q20: 2.20. Remaining quantity to be harvested in this plot (in Kg)

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0   Minimum: 0   Maximum: 8000   Mean: 141.466   Standard deviation: 399.013
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 8000   Format: Numeric

S2Q21: 2.21. Total quantity of harvest in this plot (in Kg)

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0   Minimum: 0   Maximum: 15250   Mean: 344.575   Standard deviation: 822.387
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 15250   Format: Numeric

S2Q22: 2.22.1 Explanation on production status

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0
Type: Discrete   Decimal: 0   Width: 43   Range: 1 - 19   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Drought	104	6.2%
2	Heavy rainfall	35	2.1%
3	Insufficient rainfall	413	24.8%
4	Insuficient fertilizer	190	11.4%
5	Lack of fertilizers	107	6.4%
6	Late sowing	28	1.7%
7	Flood	6	0.4%
8	Landslide	0	0%
9	Crop destroyed by animals (grazes)	12	0.7%
10	Diseases and pests	252	15.1%
11	Unfertile soil	48	2.9%
12	Inappropriate seeds	60	3.6%
13	Good harvest as expected	362	21.7%
14	Lack of trainings on agricultural practices	3	0.2%
15	Use of traditional seed	8	0.5%
16	violent rain(hailstones)	2	0.1%

17	Winds	0	0%
18	Other reasons(specify)	37	2.2%
19	Perenial crops not yet mature	0	0%

S2Q23: 2.23 What was the quantity produced in all plots (in Kg)

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0   Minimum: 0   Maximum: 70000   Mean: 822.134   Standard deviation: 3419.854
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 70000   Format: Numeric

S2Q24: 2.24 What was the quantity processed at farm level?

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0   Minimum: 0   Maximum: 560   Mean: 1.533   Standard deviation: 16.581
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 560   Format: Numeric

S2Q25: 2.25 What was the quantity sold?

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0   Minimum: 0   Maximum: 60000   Mean: 548.998   Standard deviation: 3062.805
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 60000   Format: Numeric

S2Q26: 2.26 On which market this crop was sold?

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1108   Invalid: 559
Type: Discrete   Decimal: 0   Width: 23   Range: 1 - 7   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Farm gate	261	23.6%
2	Local market	773	69.8%
3	District market	32	2.9%
4	Regional market	3	0.3%

5	Contract farming	35	3.2%
6	Contract with exporters	0	0%
7	Other market place	4	0.4%
Sysmiss		559	

S2Q27: 2.27 What was the selling price per kilogram? (RwF/Kg)

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1108   Invalid: 559   Minimum: 30   Maximum: 99999   Mean: 6831.615   Standard deviation: 7308.335
Type: Continuous   Decimal: 0   Width: 12   Range: 30 - 99999   Format: Numeric

S2Q28: 2.28 What was the quantity used for own consumption?

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0   Minimum: 0   Maximum: 7800   Mean: 174.913   Standard deviation: 324.733
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 7800   Format: Numeric

S2Q29: 2.29 What was the quantity used as wages?

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0   Minimum: 0   Maximum: 4600   Mean: 12.445   Standard deviation: 167.815
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 4600   Format: Numeric

S2Q30: 2.30 What was the quantity used as farm rent?

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0   Minimum: 0   Maximum: 500   Mean: 1.341   Standard deviation: 19.461
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 500   Format: Numeric

S2Q31: 2.31 What was the quantity used as gift?

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0   Minimum: 0   Maximum: 500   Mean: 23.937   Standard deviation: 51.477
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 500   Format: Numeric

S2Q32: 2.32 What was the quantity exchanged for other goods?

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0   Minimum: 0   Maximum: 100   Mean: 0.125   Standard deviation: 2.73
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 100   Format: Numeric

S2Q33: 2.33 What was the quantity used as seeds?

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0   Minimum: 0   Maximum: 10000   Mean: 45.67   Standard deviation: 316.974
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 10000   Format: Numeric

S2Q34: 2.34 What was the quantity used to feed animals?

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0   Minimum: 0   Maximum: 1400   Mean: 11.025   Standard deviation: 56.693
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 1400   Format: Numeric

S2Q35: 2.35 What was the quantity stored?

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0   Minimum: 0   Maximum: 40   Mean: 0.069   Standard deviation: 1.354
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 40   Format: Numeric

S2Q36: 2.36 Which is the storage facility used by the household?

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 7   Invalid: 1660
Type: Discrete   Decimal: 0   Width: 49   Range: 1 - 5   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Own storage	0	0%
2	Public owned storage	0	0%
3	Storage owned by cooperative or private companies	0	0%

4	Traditional storage	7	100%
5	Other storage	0	0%
Sysmiss		1660	

S2Q37: 2.37 What was the quantity lost after harvest?

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0   Minimum: 0   Maximum: 400   Mean: 3.205   Standard deviation: 23.427
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 400   Format: Numeric

S2Q38: 2.38 What was the quantity used in other forms?

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0   Minimum: 0   Maximum: 150   Mean: 0.406   Standard deviation: 5.962
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 150   Format: Numeric

HARVESTED_AREA: Harvested crop area in ha

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0   Minimum: 0.000574   Maximum: 1.958   Mean: 0.049   Standard deviation: 0.09
Type: Continuous   Decimal: 0   Width: 9   Range: 0.000574111472815275 - 1.95755755901337   Format: Numeric

CROPGROUP: Crop category and major crops

Data file: rwa-sas-seasonC_Crop production

Overview

Valid: 1667   Invalid: 0
Type: Discrete   Decimal: 0   Width: 51   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Cereals	0	0%
2	Vegetables and Melons	346	20.8%
3	Fruit and Nuts	0	0%
4	Oilseed crops	115	6.9%

5	Root/tuber crops with high starch or inulin content	950	57%
6	Beverage and spice crops	9	0.5%
7	Leguminous crops	235	14.1%
8	Sugar crops	11	0.7%
91	Grasses and other fodder crops	0	0%
99	Other crops	1	0.1%

SEGMENT_ID: 1.0 Segment Identification

Data file: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Valid: 1832   Invalid: 0   Minimum: 112001   Maximum: 572059   Mean: 354572.915   Standard deviation: 114758.975
Type: Continuous   Decimal: 0   Width: 10   Range: 112001 - 572059   Format: Numeric

S1Q1: 1.1 Province

Data file: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Valid: 1832   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 5   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Kigali	54	2.9%
2	South	610	33.3%
3	West	419	22.9%
4	North	491	26.8%
5	East	258	14.1%

S1Q2: 1.2 District

Data file: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Valid: 1832   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 11 - 57   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
11	Nyarugenge	15	0.8%
12	Gasabo	39	2.1%
13	Kicukiro	0	0%
21	Nyanza	93	5.1%
22	Gisagara	119	6.5%
23	Nyaruguru	79	4.3%

24	Huye	57	3.1%
25	Nyamagabe	84	4.6%
26	Ruhango	57	3.1%
27	Muhanga	70	3.8%
28	Kamonyi	51	2.8%
31	Karongi	29	1.6%
32	Rutsiro	113	6.2%
33	Rubavu	67	3.7%
34	Nyabihu	127	6.9%
35	Ngororero	47	2.6%
36	Rusizi	31	1.7%
37	Nyamasheke	5	0.3%
41	Rulindo	28	1.5%
42	Gakenke	41	2.2%
43	Musanze	198	10.8%
44	Burera	152	8.3%
45	Gicumbi	72	3.9%
51	Rwamagana	47	2.6%
52	Nyagatare	20	1.1%
53	Gatsibo	57	3.1%
54	Kayonza	10	0.5%
55	Kirehe	17	0.9%
56	Ngoma	0	0%
57	Bugesera	107	5.8%

S1Q3: 1.3 Stratum

Data file: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Valid: 1832   Invalid: 0
Type: Discrete   Decimal: 0   Width: 35   Range: 0 - 40   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Large scale farmer	0	0%
11	Intensive cropland on hillsides	388	21.2%
20	Intensive cropland in marshlands	1440	78.6%

30	Rangelands	4	0.2%
40	Household/ Village stratum	0	0%

S1Q4: 1.4 Segment

Data file: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Valid: 1832   Invalid: 0   Minimum: 1   Maximum: 59   Mean: 15.71   Standard deviation: 12.35
Type: Continuous   Decimal: 0   Width: 8   Range: 1 - 59   Format: Numeric

S2Q1: 2.1 Plot number

Data file: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Valid: 1832   Invalid: 0   Minimum: 1   Maximum: 93   Mean: 25.95   Standard deviation: 15.038
Type: Continuous   Decimal: 0   Width: 8   Range: 1 - 93   Format: Numeric

S2Q2: 2.2 Ptot area in sqm

Data file: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Valid: 1832   Invalid: 0   Minimum: 33.72   Maximum: 20017.149   Mean: 1055.188   Standard deviation: 1639.704

Type: Continuous   Decimal: 0   Width: 10   Range: 33.7200413341112 - 20017.1493135246   Format: Numeric

S3Q1: 3.1 Have you used organic fertilizer in this plot during this season?

Data file: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Valid: 1832   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	1291	70.5%
2	No	541	29.5%

S3Q2: 3.2 Quantity of Organic fertilizer used (in Kg)

Data file: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Valid: 1291   Invalid: 541   Minimum: 30   Maximum: 24000   Mean: 575.836   Standard deviation: 1266.005
Type: Continuous   Decimal: 0   Width: 10   Range: 30 - 24000   Format: Numeric

S3Q3: 3.3 Quantity of Organic fertilizer purchased

Data file: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Valid: 1291   Invalid: 541   Minimum: 0   Maximum: 20000   Mean: 241.037   Standard deviation: 1001.329
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 20000   Format: Numeric

S3Q4: 3.4 Cost of Organic fertilizer purchased (Rwf)

Data file: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Valid: 1291   Invalid: 541   Minimum: 0   Maximum: 373410   Mean: 5808.156   Standard deviation: 22871.941
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 373410   Format: Numeric

S3Q5: 3.5 Have you used inorganic fertilizer in this plot during this season?

Data file: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Valid: 1832   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	1011	55.2%
2	No	821	44.8%

S3Q6: 3.6 Inorganic fertilizer type

Data file: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Valid: 785   Invalid: 1047
Type: Discrete   Decimal: 0   Width: 26   Range: 1 - 9   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	NPK 17-17-17	386	49.2%
2	NPK 20-10-10	2	0.3%
3	NPK 25-5-5	1	0.1%
4	Urea	175	22.3%
5	Liquid urea	14	1.8%
6	DAP	181	23.1%
7	TSP	0	0%
8	KCL/MOP	0	0%
9	Other inorganic fertilizer	26	3.3%
Sysmiss		1047	

S3Q7: 3.7 Unit

Data file: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Valid: 785   Invalid: 1047
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 4   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Kg	748	95.3%
2	g	0	0%
3	l	31	3.9%
4	cc	6	0.8%
Sysmiss		1047	

S3Q8: 3.8 Total quantity of inorganic fertilizer used

Data file: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Valid: 785   Invalid: 1047   Minimum: 0.12   Maximum: 692.04   Mean: 15.444   Standard deviation: 41.493
Type: Continuous   Decimal: 0   Width: 10   Range: 0.12 - 692.04   Format: Numeric

S3Q9: 3.9 Quantity of inorganic fertilizer purchased

Data file: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Valid: 785   Invalid: 1047   Minimum: 0   Maximum: 692.04   Mean: 15.437   Standard deviation: 41.495
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 692.04   Format: Numeric

S3Q10: 3.10 Unit Price(Rwf)

Data file: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Valid: 785   Invalid: 1047   Minimum: 0   Maximum: 10500   Mean: 577.427   Standard deviation: 481.508
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 10500   Format: Numeric

S3Q11: 3.11 What is the main source of fertilizer used?

Data file: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Valid: 785   Invalid: 1047
Type: Discrete   Decimal: 0   Width: 23   Range: 1 - 6   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Agro-dealers	505	64.3%
2	NGOs	77	9.8%
3	Market	182	23.2%
4	MINAGRI/RAB/NAEB	17	2.2%
5	Agriculture cooperative	4	0.5%
6	Other place(Specify)	0	0%
Sysmiss		1047	

S3Q12: 3.12 What was the main crop the fertilizer was applied?

Data file: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Valid: 785   Invalid: 1047
Type: Discrete   Decimal: 0   Width: 28   Range: 101 - 520   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
101	Maize	0	0%
102	Paddy rice	0	0%
103	Sorghum	0	0%
104	Wheat	0	0%
105	Other cereal(specify)	0	0%
106	Bush bean	40	5.1%
107	Climbing bean	4	0.5%
108	Pea	2	0.3%
109	Other pulse	0	0%
111	Irish potato	413	52.6%
112	Sweet potato	8	1%
114	Tomato	108	13.8%
115	Cabbage	65	8.3%
116	Cauliflower	0	0%
117	Onion	9	1.1%
118	Carrot	10	1.3%
119	Eggplant	66	8.4%
120	Other seasonal vegetable	0	0%
128	Soybean	9	1.1%
129	Groundnut	0	0%
130	Sun flower	0	0%
134	Other seasonal crop	0	0%
135	Black eggplant	0	0%
136	Sweet pepper	10	1.3%
138	Amaranth	10	1.3%
139	Celery	0	0%
140	Spinach	0	0%
141	Small red bean	0	0%
142	Sugar beet	8	1%
143	Garlic	7	0.9%
144	African cabbage	0	0%
145	Leek	0	0%
146	French bean	13	1.7%
147	Letus	0	0%
148	Brocolli	0	0%

162	Millet	0	0%
165	Other tuber (specify)	0	0%
167	Cucumber	3	0.4%
168	Water melon	0	0%
213	Taro	0	0%
214	Yam	0	0%
220	Other annual vegetable	0	0%
233	Pyrethrum	0	0%
234	Other annual crop	0	0%
237	Pepper	0	0%
249	Napia grass	0	0%
257	Tree tomato	0	0%
265	Other tuber	0	0%
266	Pumpkin	0	0%
310	Cassava	0	0%
320	Other perennial vegetable	0	0%
321	Cooking banana	0	0%
322	Dessert banana	0	0%
323	Banana for beer	0	0%
324	Pineapple	0	0%
325	Avocado	0	0%
326	Passion fruit	0	0%
327	Other fruit	0	0%
331	Other oil seed	0	0%
332	Coffee	0	0%
334	Other perennial crop	0	0%
350	Sugar cane	0	0%
352	Macadamia	0	0%
353	Olive	0	0%
354	Mango	0	0%
355	Apple	0	0%
356	Papaya	0	0%
358	Orange	0	0%
359	Lemon	0	0%
360	Guava	0	0%
361	Mulberry	0	0%
363	Stevia	0	0%
364	Jatropha	0	0%
365	Other tuber (specify)	0	0%

368	Palm	0	0%
369	Tea	0	0%
511	Napia grass for fodder	0	0%
512	Maize for fodder	0	0%
513	Soya for fodder	0	0%
514	Leucena	0	0%
515	Desmodium	0	0%
516	Mucuna	0	0%
517	Setaria	0	0%
518	Tripsacum	0	0%
519	Other fodder crop (specify).	0	0%
520	Natural grassland	0	0%
Sysmiss		1047	

S3Q13: 3.13 Have you used pesticides in this plot during this season?

Data file: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Valid: 1832   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	1035	56.5%
2	No	797	43.5%

S3Q14: 3.14 Pesticide type

Data file: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Valid: 965   Invalid: 867
Type: Discrete   Decimal: 0   Width: 15   Range: 1 - 10   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Dithane	402	41.7%

2	Ridomil	60	6.2%
3	Dimethoate	28	2.9%
4	Cypermethrin	204	21.1%
5	Dursiban	2	0.2%
6	Tilt	0	0%
7	Pilkare	0	0%
8	Rocket	180	18.7%
9	Beam	6	0.6%
10	Other Pesticide	83	8.6%
Sysmiss		867	

S3Q15: 3.15 Unit

Data file: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Valid: 965   Invalid: 867
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 4   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Kg	389	40.3%
2	g	100	10.4%
3	l	58	6%
4	cc	418	43.3%
Sysmiss		867	

S3Q16: 3.16 Total Quantity of pesticide used in this plot

Data file: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Valid: 965   Invalid: 867   Minimum: 0.02   Maximum: 1800   Mean: 97.132   Standard deviation: 165.673
Type: Continuous   Decimal: 0   Width: 10   Range: 0.02 - 1800   Format: Numeric

S3Q17: 3.17 Quantity of pesticide purchased

Data file: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Valid: 965   Invalid: 867   Minimum: 0   Maximum: 1800   Mean: 97.047   Standard deviation: 165.703
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 1800   Format: Numeric

S3Q18: 3.18 Total amount spent on quantity bought (Rwf)

Data file: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Valid: 960   Invalid: 872   Minimum: 35   Maximum: 245813   Mean: 4923.975   Standard deviation: 11983.486
Type: Continuous   Decimal: 0   Width: 12   Range: 35 - 245813   Format: Numeric

S3Q19: 3.19 What was the main crop the pesticide was applied?

Data file: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Valid: 965   Invalid: 867
Type: Discrete   Decimal: 0   Width: 29   Range: 101 - 520   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
101	Maize	0	0%
102	Paddy rice	0	0%
103	Sorghum	0	0%
104	Wheat	0	0%
105	Other cereal(specify)	0	0%
106	Bush bean	48	5%
107	Climbing bean	17	1.8%
108	Pea	5	0.5%
109	Other pulse	0	0%
111	Irish potato	481	49.8%
112	Sweet potato	3	0.3%
114	Tomato	210	21.8%
115	Cabbage	73	7.6%
116	Cauliflower	0	0%
117	Onion	0	0%
118	Carrot	16	1.7%
119	Eggplant	69	7.2%
120	Other seasonal vegetable	0	0%

128	Soybean	9	0.9%
129	Groundnut	0	0%
130	Sun flower	0	0%
134	Other seasonal crop	0	0%
135	Black eggplant	0	0%
136	Sweet pepper	8	0.8%
138	Amaranth	3	0.3%
139	Celery	0	0%
140	Spinach	0	0%
141	Small red bean	0	0%
142	Sugar beet	0	0%
143	Garlic	7	0.7%
144	African cabbage	0	0%
145	Leek	0	0%
146	French bean	13	1.3%
147	Letus	0	0%
148	Brocolli	0	0%
162	Millet	0	0%
165	Other tuber (specify)	0	0%
167	Cucumber	3	0.3%
168	Water melon	0	0%
213	Taro	0	0%
214	Yam	0	0%
220	Other annual vegetable	0	0%
233	Pyrethrum	0	0%
234	Other annual crop	0	0%
237	Pepper	0	0%
249	Napia grass	0	0%
257	Tree tomato	0	0%
265	Other tuber	0	0%
266	Pumpkin	0	0%
310	Cassava	0	0%
320	Other perennial vegetable	0	0%
321	Cooking banana	0	0%
322	Dessert banana	0	0%
323	Banana for beer	0	0%
324	Pineapple	0	0%
325	Avocado	0	0%
326	Passion fruit	0	0%

327	Other fruit	0	0%
331	Other oil seed	0	0%
332	Coffee	0	0%
334	Other perennial crop	0	0%
350	Sugar cane	0	0%
352	Macadamia	0	0%
353	Olive	0	0%
354	Mango	0	0%
355	Apple	0	0%
356	Papaya	0	0%
358	Orange	0	0%
359	Lemon	0	0%
360	Guava	0	0%
361	Mulberry	0	0%
363	Stevia	0	0%
364	Jatropha	0	0%
365	Other tuber (specify)	0	0%
368	Palm	0	0%
369	Tea	0	0%
511	Napia grass for fodder	0	0%
512	Maize for fodder	0	0%
513	Soya for fodder	0	0%
514	Leucena	0	0%
515	Desmodium	0	0%
516	Mucuna	0	0%
517	Setaria	0	0%
518	Tripsacum	0	0%
519	Other fodder crop (specify).	0	0%
520	Natural grassland	0	0%
Sysmiss		867	

WEIGHT: Segment weight

Data file: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Valid: 1832   Invalid: 0   Minimum: 9.962   Maximum: 1018.329   Mean: 235.271   Standard deviation: 192.118
Type: Continuous   Decimal: 0   Width: 10   Range: 9.96156420774173 - 1018.32945299025   Format: Numeric

SEGMENT_ID: 1.0 Segment identification

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 1731   Invalid: 0   Minimum: 112001   Maximum: 572059   Mean: 342514.522   Standard deviation: 113439.843
Type: Continuous   Decimal: 0   Width: 10   Range: 112001 - 572059   Format: Numeric

S2Q1: 2.1 Plot number

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 1731   Invalid: 0   Minimum: 1   Maximum: 93   Mean: 26.144   Standard deviation: 15.212
Type: Continuous   Decimal: 0   Width: 8   Range: 1 - 93   Format: Numeric

S1Q1: 1.1 Province

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 1731   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 5   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Kigali	51	2.9%
2	South	678	39.2%
3	West	367	21.2%
4	North	429	24.8%
5	East	206	11.9%

S1Q2: 1.2 District

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 1731   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 11 - 57   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
11	Nyarugenge	13	0.8%
12	Gasabo	38	2.2%
13	Kicukiro	0	0%
21	Nyanza	113	6.5%
22	Gisagara	122	7%
23	Nyaruguru	80	4.6%
24	Huye	57	3.3%
25	Nyamagabe	107	6.2%
26	Ruhango	65	3.8%
27	Muhanga	83	4.8%
28	Kamonyi	51	2.9%
31	Karongi	33	1.9%
32	Rutsiro	112	6.5%
33	Rubavu	33	1.9%
34	Nyabihu	105	6.1%
35	Ngororero	52	3%
36	Rusizi	29	1.7%
37	Nyamasheke	3	0.2%
41	Rulindo	31	1.8%
42	Gakenke	58	3.4%
43	Musanze	146	8.4%
44	Burera	122	7%
45	Gicumbi	72	4.2%
51	Rwamagana	25	1.4%
52	Nyagatare	17	1%
53	Gatsibo	55	3.2%
54	Kayonza	7	0.4%
55	Kirehe	17	1%
56	Ngoma	0	0%
57	Bugesera	85	4.9%

S1Q3: 1.3 Stratum

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 1731   Invalid: 0
Type: Discrete   Decimal: 0   Width: 36   Range: 10 - 40   Format: Numeric

Questions and instructions

Value	Category	Cases	
10	Large scale farmer	0	0%
11	Intensive cropland on hillsides	267	15.4%
20	Intensive cropland in marshlands	1459	84.3%
30	Rangelands	5	0.3%
40	Household/ Village stratum	0	0%

S1Q4: 1.4 Segment

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 1731   Invalid: 0   Minimum: 1   Maximum: 59   Mean: 14.984   Standard deviation: 11.813
Type: Continuous   Decimal: 0   Width: 8   Range: 1 - 59   Format: Numeric

S2Q2: 2.2 Ptot area in sqm

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 1731   Invalid: 0   Minimum: 33.72   Maximum: 20017.149   Mean: 944.52   Standard deviation: 1486.241
Type: Continuous   Decimal: 0   Width: 10   Range: 33.7200413341112 - 20017.1493135246   Format: Numeric

S4Q1: 4.1 What is the degree of erosion on this plot?

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 1731   Invalid: 0
Type: Discrete   Decimal: 0   Width: 88   Range: 1 - 3   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Severe (Rill erosion, Gully erosion , Mass movement/landslides)	26	1.5%
2	Moderate (Diffuse overland flow erosion, Overland flow erosion, erosion by infiltration)	197	11.4%
3	Weak erosion (Splash erosion, Wind erosion)	1508	87.1%

S4Q2: 4.2 Is there any anti erosion activity on this plot?

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 1731   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	1541	89%
2	No	190	11%

S4Q3: 4.3 Types of anti-erosion activities existing in the plot (code)

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 1541   Invalid: 190
Type: Discrete   Decimal: 0   Width: 42   Range: 0 - 10   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	NA	0	0%
1	Ditches	4	0.3%
2	Trees / Wind break/Shelterbelt	15	1%
3	Progressive terraces	19	1.2%
4	Bench terraces	29	1.9%
5	Cover plants/grasses	235	15.2%
6	Water drainage	64	4.2%
7	Mulching	75	4.9%
8	Beds/ridges	443	28.7%
9	Others (specify)	0	0%
10	Umugende/Umuyoboro w'amazi/Ibyobo by'amazi	657	42.6%
Sysmiss		190	

S4Q4: 4.4 Was this anti-erosion activity done during the current agricultur

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 1541   Invalid: 190
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	329	21.3%
2	No	1212	78.7%
Sysmiss		190	

S4Q5: 4.5 What is the total cost of anti-erosion activity done during this season(R

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 329   Invalid: 1402   Minimum: 0   Maximum: 36000   Mean: 586.018   Standard deviation: 2532.578
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 36000   Format: Numeric

S4Q6: 4.6 Is this plot fenced?

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 1731   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	17	1%
2	No	1714	99%

S4Q7: 4.7 Was this fence done during the current agricultural season?

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 17   Invalid: 1714
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	1	5.9%
2	No	16	94.1%
Sysmiss		1714	

S4Q8: 4.8 Activity cost (RWF)

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 1   Invalid: 1730
Type: Discrete   Decimal: 0   Width: 10   Range: 4600 - 4600   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
4600		1	100%
Sysmiss		1730	

S4Q9: 4.9 Amount spent on manpower to prepare land, sowing and any other agricultural

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 1731   Invalid: 0   Minimum: 0   Maximum: 350000   Mean: 8624.75   Standard deviation: 23849.965
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 350000   Format: Numeric

S4Q10_1: 4.10.1 Have you used ploughing animals (oxen) during this season?

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 1731   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	

1	Yes	0	0%
2	No	1731	100%

S4Q10_2: 4.10.2 At which stage of agriculture practice did you use animal ploughing?

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 0   Invalid: 0
Type: Discrete   Width: 15   Range: -   Format: character

S4Q10_3: 4.10.3 Amount paid on rent of ploughing animals during this season(Rwf)

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 0   Invalid: 1731
Type: Discrete   Decimal: 0   Width: 10   Range: -   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
Sysmiss	

S4Q11_1: 4.11.1 Have you used a ploughing tractor during this season?

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 1731   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	0	0%
2	No	1731	100%

S4Q11_2: 4.11.2 At which stage of agriculture practice did you use ploughing machine?

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 0   Invalid: 1731
Type: Discrete   Decimal: 0   Width: 52   Range: 1 - 29   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Ploughing
2	Soil leveing
3	Raking
4	Manuring
5	Sowing
6	Weeding
7	Irrigation
8	Harvesting
9	Threshing
10	Winnowing
11	Harvest packing
12	Pesticides Spraying
13	padelling
14	Other stage(Specify)
15	Ploughing and Soil levelling
16	Ploughing,Soil levelling and Raking
17	Ploughing,Soil levelling ,Raking,Manuring and Sowing
18	Ploughing,Soil levelling,Manuring and Sowing
20	Ploughing,Soil levelling,Sowing and Irrigation
21	Ploughing,Soil levelling and Pesticides Spraying
22	Ploughing,Soil levelling,Sowing and Threshing
23	Ploughing,Soil levelling,Harvesting and Threshing
24	Ploughing,Soil levelling and Pesticides Spraying
25	Ploughing and Sowing
26	Ploughing,Sowing and padelling
27	Ploughing and Threshing
29	Ploughing,Soil levelling and Sowing
Sysmiss	

▌ S4Q11_3: 4.11.3 Amount paid on rent of ploughing tractor (Rwf)

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 0   Invalid: 1731
Type: Discrete   Decimal: 0   Width: 10   Range: -   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
Sysmiss	

▮ S4Q12_1: 4.12.1 Have you used any other mechanical equipment during this season?

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 1731   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	0	0%
2	No	1731	100%

▮ S4Q12_2: 4.14.2 At which stage of agriculture practice did you use other mechanical?

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 0   Invalid: 1731
Type: Discrete   Decimal: 0   Width: 34   Range: 1 - 18   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Ploughing
2	Soil levelling
3	Raking
4	Manuring
5	Sowing
6	Weeding

7	Irrigation
8	Harvesting
9	Threshing
10	Winnowing
11	Harvest packing
12	Pesticides Spraying
13	padelling
14	Other stage(Specify)
15	Harvesting,Threshing and padelling
16	Harvesting and Winnowing
17	Threshing and Winnowing
18	Threshing,Winnowing and padelling
Sysmiss	

S4Q12_3: 4.12.3 Name of other mechanical equipment used during this season

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 0   Invalid: 0
Type: Discrete   Width: 40   Range: -   Format: character

S4Q12_4: 4.12.4 Rent cost for the other mechanical equipment (Rwf)

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 0   Invalid: 1731
Type: Discrete   Decimal: 0   Width: 10   Range: -   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
Sysmiss	

S4Q13: 4.13 Have you irrigated your plot during this season?

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 1731   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

Value	Category	Cases	
1	Yes	493	28.5%
2	No	1238	71.5%

S4Q14: 4.14 What is the source of water for irrigation?

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 493   Invalid: 1238
Type: Discrete   Decimal: 0   Width: 21   Range: 1 - 6   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Rainwater harvesting	1	0.2%
2	Water treatment plant	1	0.2%
3	Underground water	150	30.4%
4	Lake / stream water	333	67.5%
5	Water catchment (dam)	8	1.6%
6	Other (to specify)	0	0%
Sysmiss		1238	

S4Q15: 4.15 What is main irrigation technique used on this plot?

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 493   Invalid: 1238
Type: Discrete   Decimal: 0   Width: 39   Range: 1 - 5   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Surface irrigation	26	5.3%
2	Flood irrigation (especially for rice)	0	0%
3	Drip irrigation	0	0%

4	Sprinkler irrigation	1	0.2%
5	Traditional techniques	466	94.5%
Sysmiss		1238	

▌ S4Q16: 4.16 What is the irrigation tool you have used?

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 493   Invalid: 1238
Type: Discrete   Decimal: 0   Width: 55   Range: 1 - 3456   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Pivot	13	2.6%
2	Irrigation machine	3	0.6%
3	Generator+Pump	16	3.2%
4	Pumps/tubes wells	2	0.4%
5	Water can	284	57.6%
6	Water channels	2	0.4%
7	Other	138	28%
13	Pivot and Irrigation machine	0	0%
16	Irrigation machine and Water channels	0	0%
25	Irrigation machine and Water can	1	0.2%
34	Generator+Pump and Pumps/tubes wells	0	0%
35	Generator+Pump and Water can	6	1.2%
36	Generator+Pump and Water channels	0	0%
45	Pumps/tubes wells and Water can	2	0.4%
46	Pumps/tubes wells and Water channels	0	0%
56	Water can and Water channels	3	0.6%
57	Water can and Other	22	4.5%
67		1	0.2%
234	Irrigation machine,Generator+Pump and Pumps/tubes wells	0	0%
346	Generator+Pump,Pumps/tubes wells and Water channels	0	0%
3456	Generator+Pump,Pumps/tubes,Water can and Water channels	0	0%
Sysmiss		1238	

S4Q17: 4.17 Total cost of irrigation?

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 493   Invalid: 1238   Minimum: 0   Maximum: 65000   Mean: 1985.882   Standard deviation: 7192.921
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 65000   Format: Numeric

S4Q18: 4.18 What was the main crop to irrigate?

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 493   Invalid: 1238
Type: Discrete   Decimal: 0   Width: 29   Range: 101 - 555   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
101	Maize	0	0%
102	Paddy rice	0	0%
103	Sorghum	0	0%
104	Wheat	0	0%
105	Other cereal	0	0%
106	Bush bean	26	5.3%
107	Climbing bean	3	0.6%
108	Pea	5	1%
109	Other pulse	0	0%
111	Irish potato	83	16.8%
112	Sweet potato	23	4.7%
114	Tomato	129	26.2%
115	Cabbage	66	13.4%
116	Cauliflower	0	0%
117	Onion	16	3.2%
118	Carrot	35	7.1%
119	Eggplant	56	11.4%
120	Other seasonal vegetable	0	0%
128	Soybean	1	0.2%
129	Groundnut	0	0%
130	Sun flower	0	0%
134	Other seasonal crop	0	0%
135	Black eggplant	0	0%

136	Sweet pepper	7	1.4%
138	Amaranth	20	4.1%
139	Celery	0	0%
140	Spinach	0	0%
141	Small red bean	0	0%
142	Sugar beet	8	1.6%
143	Garlic	2	0.4%
144	African cabbage	0	0%
145	Leek	0	0%
146	French bean	11	2.2%
147	Letus	0	0%
148	Brocolli	0	0%
162	Millet	0	0%
165	Other tuber (specify)	0	0%
167	Cucumber	2	0.4%
168	Watermelon	0	0%
213	Taro	0	0%
214	Yam	0	0%
220	Other annual vegetable	0	0%
233	Pyrethrum	0	0%
234	Other annual crop	0	0%
237	Pepper	0	0%
249	Napia grass	0	0%
257	Tree tomato	0	0%
265	Other tuber	0	0%
266	Pumpkin	0	0%
310	Cassava	0	0%
320	Other perennial Vegetables	0	0%
321	Cooking banana	0	0%
322	Dessert banana	0	0%
323	Banana for beer	0	0%
324	Pineapple	0	0%
325	Avocado	0	0%
326	Passion fruit	0	0%
327	Other fruit	0	0%
332	Coffee	0	0%
334	Other perennial crop	0	0%
350	Sugar cane	0	0%
352	Macadamia	0	0%

354	Mango	0	0%
355	Apple	0	0%
356	Papaya	0	0%
358	Orange	0	0%
359	Lemon	0	0%
360	Guava	0	0%
361	Mulberry	0	0%
363	Stevia	0	0%
364	Jatropha	0	0%
365	Other perennial tuber	0	0%
368	Palm	0	0%
369	Tea	0	0%
444	Sugar apple	0	0%
511	Napia grass for fodder	0	0%
512	Maize for fodder	0	0%
513	Soybean for fodder	0	0%
514	Leucena	0	0%
515	Desmodium	0	0%
516	Mucuna	0	0%
517	Setaria	0	0%
518	Tripsacum	0	0%
519	Other fodder crop (specify).	0	0%
555	Jackfruit	0	0%
Sysmiss		1238	

WEIGHT: Segment weight

Data file: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Valid: 1731   Invalid: 0   Minimum: 9.962   Maximum: 1018.329   Mean: 226.322   Standard deviation: 188.172
Type: Continuous   Decimal: 0   Width: 10   Range: 9.96156420774173 - 1018.32945299025   Format: Numeric

SEGMENT_ID: 1.0 Segment identification

Data file: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Valid: 5400　　Invalid: 0　　Minimum: 112001　　Maximum: 572059　　Mean: 348957.914　　Standard deviation: 115816.683
Type: Continuous　　Decimal: 0　　Width: 10　　Range: 112001 - 572059　　Format: Numeric

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S2Q1: 2.1 Plot number

Data file: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Valid: 5400　　Invalid: 0　　Minimum: 1　　Maximum: 93　　Mean: 25.925　　Standard deviation: 15.009
Type: Continuous　　Decimal: 0　　Width: 8　　Range: 1 - 93　　Format: Numeric

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S1Q1: 1.1 Province

Data file: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Valid: 5400　　Invalid: 0
Type: Discrete　　Decimal: 0　　Width: 8　　Range: 1 - 5　　Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Kigali	132	2.4%
2	South	2064	38.2%
3	West	1128	20.9%
4	North	1332	24.7%
5	East	744	13.8%

S1Q2: 1.2 District

Data file: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Valid: 5400　　Invalid: 0
Type: Discrete　　Decimal: 0　　Width: 10　　Range: 11 - 57　　Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
11	Nyarugenge	40	0.7%
12	Gasabo	92	1.7%
13	Kicukiro	0	0%
21	Nyanza	276	5.1%
22	Gisagara	420	7.8%
23	Nyaruguru	292	5.4%
24	Huye	196	3.6%
25	Nyamagabe	304	5.6%
26	Ruhango	168	3.1%
27	Muhanga	280	5.2%
28	Kamonyi	128	2.4%
31	Karongi	104	1.9%
32	Rutsiro	292	5.4%
33	Rubavu	120	2.2%
34	Nyabihu	308	5.7%
35	Ngororero	188	3.5%
36	Rusizi	104	1.9%
37	Nyamasheke	12	0.2%
41	Rulindo	80	1.5%
42	Gakenke	144	2.7%
43	Musanze	484	9%
44	Burera	384	7.1%
45	Gicumbi	240	4.4%
51	Rwamagana	88	1.6%
52	Nyagatare	52	1%
53	Gatsibo	176	3.3%
54	Kayonza	28	0.5%
55	Kirehe	60	1.1%
56	Ngoma	0	0%
57	Bugesera	340	6.3%

S1Q3: 1.3 Stratum

Data file: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Valid: 5400   Invalid: 0
Type: Discrete   Decimal: 0   Width: 35   Range: 11 - 40   Format: Numeric

Questions and instructions

Value	Category	Cases	
11	11 Intensive cropland on hillsides	888	16.4%
20	20 Intensive cropland in marshlands	4504	83.4%
30	30 Rangelands	8	0.1%
40	40 Household/ Village stratum	0	0%

S1Q4: 1.4 Segment

Data file: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Valid: 5400   Invalid: 0   Minimum: 1   Maximum: 59   Mean: 15.544   Standard deviation: 12.595
Type: Continuous   Decimal: 0   Width: 8   Range: 1 - 59   Format: Numeric

S2Q2: 2.2 Ptot area in sqm

Data file: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Valid: 5400   Invalid: 0   Minimum: 33.72   Maximum: 20017.149   Mean: 947.105   Standard deviation: 1474.241

Type: Continuous   Decimal: 0   Width: 10   Range: 33.7200413341112 - 20017.1493135246   Format: Numeric

S5Q1: 5.1 Is this plot owned or rented?

Data file: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Valid: 5400   Invalid: 0
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 3   Format: Numeric

Questions and instructions

Value	Category	Cases	
1	Owned	2680	49.6%
2	Free lending	1076	19.9%
3	Rented	1644	30.4%

S5Q2: 5.2 Ownership category

Data file: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Valid: 2680   Invalid: 2720
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 4   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Heritage	1200	44.8%
2	Gift	424	15.8%
3	Exchange	12	0.4%
4	Bought	1044	39%
Sysmiss		2720	

S5Q3: 5.3 When has this plot been bought?

Data file: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Valid: 1044   Invalid: 4356
Type: Discrete   Decimal: 0   Width: 16   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	This season	28	2.7%
2	Previous seasons	1016	97.3%
Sysmiss		4356	

S5Q4: 5.4 If the plot was purchased during this season or last year, what was the cost

Data file: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Valid: 28   Invalid: 5372   Minimum: 50000   Maximum: 450000   Mean: 158571.429   Standard deviation: 136564.034
Type: Continuous   Decimal: 0   Width: 10   Range: 50000 - 450000   Format: Numeric

S5Q5: 5.5 If the plot was rented, what kind of payment have you agreed on during this

Data file: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Valid: 1644   Invalid: 3756
Type: Discrete   Decimal: 0   Width: 27   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Payment by cash	1576	95.9%
2	Payment by production share	68	4.1%
Sysmiss		3756	

S5Q6: 5.6 If the rented plot was paid by cash, what is the amount for this season?

Data file: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Valid: 1576   Invalid: 3824   Minimum: 150   Maximum: 200000   Mean: 10144.388   Standard deviation: 20661.791

Type: Continuous   Decimal: 0   Width: 16   Range: 150 - 200000   Format: Numeric

S5Q7: 5.7 What are crops in this plot that have been chosen for production share for t

Data file: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Valid: 24   Invalid: 5376
Type: Discrete   Decimal: 0   Width: 29   Range: 101 - 999   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
101	Maize	0	0%
102	Paddy rice	0	0%
103	Sorghum	0	0%
104	Wheat	0	0%
105	Other cereal	0	0%
106	Bush bean	2	8.3%
107	Climbing bean	0	0%
108	Pea	1	4.2%

109	Other pulse	0	0%
111	Irish potato	5	20.8%
112	Sweet potato	7	29.2%
114	Tomato	1	4.2%
115	Cabbage	0	0%
116	Cauliflower	0	0%
117	Onion	0	0%
118	Carrot	0	0%
119	Eggplant	1	4.2%
120	Other seasonal vegetable	0	0%
128	Soybean	5	20.8%
129	Groundnut	0	0%
130	Sun flower	0	0%
134	Other seasonal crop	0	0%
135	Black eggplant	0	0%
136	Sweet pepper	0	0%
138	Amaranth	0	0%
139	Celery	0	0%
140	Spinach	0	0%
141	Small red bean	0	0%
142	Sugar beet	0	0%
143	Garlic	0	0%
144	African cabbage	0	0%
145	Leek	0	0%
146	French bean	0	0%
147	Letus	0	0%
148	Brocolli	0	0%
162	Millet	0	0%
165	Other tuber (specify)	0	0%
167	Cucumber	0	0%
213	Taro	0	0%
214	Yam	0	0%
220	Other annual vegetable	0	0%
233	Pyrethrum	0	0%
234	Other annual crop	0	0%
237	Pepper	0	0%
249	Napia grass	0	0%
265	Other tuber	0	0%
266	Pumpkin	0	0%

310	Cassava		0	0%
320	Other perennial vegetable		0	0%
321	Cooking banana		0	0%
322	Dessert banana		0	0%
323	Banana for beer		0	0%
332	Coffee		0	0%
334	Other perennial crop		0	0%
350	Sugar cane		0	0%
361	Mulberry		0	0%
363	Stevia		0	0%
364	Jatropha		0	0%
365	Other perennial tuber		0	0%
368	Palm		0	0%
369	Tea		0	0%
511	Napia grass for fodder		0	0%
512	Maize for fodder		0	0%
513	Soybean for fodder		0	0%
514	Leucena		0	0%
515	Desmodium		0	0%
516	Mucuna		0	0%
517	Setaria		0	0%
518	Tripsacum		0	0%
519	Other fodder crop (specify).		0	0%
999			2	8.3%
Sysmiss			5376	

S5Q8: 5.8 If the rented plot was paid by production share, what is the percentage shar

Data file: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Valid: 22   Invalid: 5378
Type: Discrete   Decimal: 0   Width: 8   Range: 30 - 50   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
30		1	4.5%
33		2	9.1%

50		19	86.4%
Sysmiss		5378	

WEIGHT: Segment weight

Data file: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Valid: 5400   Invalid: 0   Minimum: 9.962   Maximum: 1018.329   Mean: 225.507   Standard deviation: 183.854

Type: Continuous   Decimal: 0   Width: 10   Range: 9.96156420774173 - 1018.32945299025   Format: Numeric

SEGMENT_ID: Segment identification

Data file: rwa-sas-seasonC-Screening

Overview

Valid: 8311   Invalid: 0   Minimum: 112001   Maximum: 572059   Mean: 365217.393   Standard deviation: 110100.291
Type: Continuous   Decimal: 0   Width: 10   Range: 112001 - 572059   Format: Numeric

S1Q1: 1.1 Province Name

Data file: rwa-sas-seasonC-Screening

Overview

Valid: 8311   Invalid: 0
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 5   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Kigali	159	1.9%
2	South	2292	27.6%
3	West	2319	27.9%
4	North	2252	27.1%
5	East	1289	15.5%

S1Q2: 1.2 District Name

Data file: rwa-sas-seasonC-Screening

Overview

Valid: 8311   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 11 - 57   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
11	Nyarugenge	41	0.5%
12	Gasabo	118	1.4%
13	Kicukiro	0	0%
21	Nyanza	415	5%
22	Gisagara	513	6.2%
23	Nyaruguru	201	2.4%

24	Huye	300	3.6%
25	Nyamagabe	275	3.3%
26	Ruhango	199	2.4%
27	Muhanga	244	2.9%
28	Kamonyi	145	1.7%
31	Karongi	175	2.1%
32	Rutsiro	209	2.5%
33	Rubavu	549	6.6%
34	Nyabihu	773	9.3%
35	Ngororero	176	2.1%
36	Rusizi	254	3.1%
37	Nyamasheke	183	2.2%
41	Rulindo	183	2.2%
42	Gakenke	182	2.2%
43	Musanze	859	10.3%
44	Burera	887	10.7%
45	Gicumbi	141	1.7%
51	Rwamagana	105	1.3%
52	Nyagatare	238	2.9%
53	Gatsibo	335	4%
54	Kayonza	132	1.6%
55	Kirehe	129	1.6%
56	Ngoma	0	0%
57	Bugesera	350	4.2%

S1Q3: 1.3 Stratum

Data file: rwa-sas-seasonC-Screening

Overview

Valid: 8311   Invalid: 0
Type: Discrete   Decimal: 0   Width: 32   Range: 11 - 50   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
11	Intensive cropland on hillsides	2634	31.7%
20	Intensive cropland in marshlands	5648	68%
30	Rangelands	29	0.3%

40	Household/ Village stratum	0	0%
50	Large scale farmer	0	0%

S1Q4: 1.4 Segment

Data file: rwa-sas-seasonC-Screening

Overview

Valid: 8311   Invalid: 0   Minimum: 1   Maximum: 69   Mean: 15.805   Standard deviation: 12.64
Type: Continuous   Decimal: 0   Width: 8   Range: 1 - 69   Format: Numeric

S1Q5: 1.5 Date of visting the segment/LSF(DD/MM/YYY)

Data file: rwa-sas-seasonC-Screening

Overview

Valid: 0   Invalid: 8311
Type: Discrete   Decimal: 0   Width: 9   Range: -   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
Sysmiss	

S1Q6: 1.6 Number of Grids

Data file: rwa-sas-seasonC-Screening

Overview

Valid: 8311   Invalid: 0   Minimum: 47   Maximum: 93   Mean: 50.308   Standard deviation: 3.288
Type: Continuous   Decimal: 0   Width: 8   Range: 47 - 93   Format: Numeric

S2Q1: 2.1 Sampled Grid point number

Data file: rwa-sas-seasonC-Screening

Overview

Valid: 8311   Invalid: 0
Type: Discrete   Decimal: 0   Width: 9   Range: 99 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	

99	na	8311	100%

S2Q4_1: Farmer type

Data file: rwa-sas-seasonC-Screening

Overview

Valid: 8311   Invalid: 0
Type: Discrete   Decimal: 0   Width: 18   Range: 1 - 1   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	small scale farmer	8311	100%

AREA_HA: Segment Physical area in ha

Data file: rwa-sas-seasonC-Screening

Overview

Valid: 8311   Invalid: 0   Minimum: 9.497   Maximum: 52.334   Mean: 10.17   Standard deviation: 2.512
Type: Continuous   Decimal: 0   Width: 10   Range: 9.4971832 - 52.333984   Format: Numeric

S2Q2: 2.2 Plot No.

Data file: rwa-sas-seasonC-Screening

Overview

Valid: 8311   Invalid: 0   Minimum: 1   Maximum: 93   Mean: 25.043   Standard deviation: 14.914
Type: Continuous   Decimal: 0   Width: 8   Range: 1 - 93   Format: Numeric

S2Q3: 2.3 Plot size (m2)

Data file: rwa-sas-seasonC-Screening

Overview

Valid: 8311   Invalid: 0   Minimum: 14.026   Maximum: 135064.105   Mean: 2018.652   Standard deviation: 8371.892
Type: Continuous   Decimal: 0   Width: 10   Range: 14.0258061469343 - 135064.105474294   Format: Numeric

S2Q5: 2.5 No.of Grids in the same Plot

Data file: rwa-sas-seasonC-Screening

Overview

Valid: 8311   Invalid: 0   Minimum: 1   Maximum: 52   Mean: 1.629   Standard deviation: 3.737
Type: Continuous   Decimal: 0   Width: 8   Range: 1 - 52   Format: Numeric

S2Q6: 2.6 Land Use

Data file: rwa-sas-seasonC-Screening

Overview

Valid: 8311   Invalid: 0
Type: Discrete   Decimal: 0   Width: 21   Range: 96 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
96	Agricultural Land	4994	60.1%
97	Pasture	126	1.5%
98	Fallow	2430	29.2%
99	Non-agricultural land	761	9.2%

S2Q7: 2.7 Non- agricultural Land Type

Data file: rwa-sas-seasonC-Screening

Overview

Valid: 761   Invalid: 7550
Type: Discrete   Decimal: 0   Width: 23   Range: 1 - 7   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Buildings	198	26%
2	Road/Path	89	11.7%
3	Forest/Bush	275	36.1%
4	Bare/Rocky soil	9	1.2%
5	Uncultivated marshlands	36	4.7%
6	Water body	127	16.7%
7	Others	27	3.5%
Sysmiss		7550	

S2Q8: 2.8 Cropping System

Data file: rwa-sas-seasonC-Screening

Overview

Valid: 5120   Invalid: 3191
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Pure	2601	50.8%
2	Mixed	2519	49.2%
Sysmiss		3191	

S2Q9: 2.9 Number of crops in the plot

Data file: rwa-sas-seasonC-Screening

Overview

Valid: 5120   Invalid: 3191
Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 5   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		2601	50.8%
2		1528	29.8%
3		737	14.4%
4		184	3.6%
5		70	1.4%
Sysmiss		3191	

S2Q10: 2.10 Crop type

Data file: rwa-sas-seasonC-Screening

Overview

Valid: 5066   Invalid: 3245
Type: Discrete   Decimal: 0   Width: 43   Range: 1 - 3   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Seasonal crops harvested once a season	3573	70.5%
2	Seasonal crops harvested more than one time	298	5.9%
3	Perennial crops	1195	23.6%
Sysmiss		3245	

S2Q11: 2.11. Crop code1

Data file: rwa-sas-seasonC-Screening

Overview

Valid: 5120   Invalid: 3191
Type: Discrete   Decimal: 0   Width: 28   Range: 97 - 520   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
97	Pasture	0	0%
98	Fallow	0	0%
99	Non-agricultural	0	0%
101	Maize	270	5.3%
102	Paddy rice	442	8.6%
103	Sorghum	68	1.3%
104	Wheat	21	0.4%
105	Other cereal(specify)	0	0%
106	Bush bean	277	5.4%
107	Climbing bean	61	1.2%
108	Pea	68	1.3%
109	Other pulse	0	0%
111	Irish potato	579	11.3%
112	Sweet potato	1127	22%
114	Tomato	119	2.3%
115	Cabbage	98	1.9%
116	Cauliflower	0	0%
117	Onion	15	0.3%
118	Carrot	40	0.8%

119	Eggplant	97	1.9%
120	Other seasonal vegetable	0	0%
128	Soybean	118	2.3%
129	Groundnut	92	1.8%
130	Sun flower	0	0%
134	Other seasonal crop	0	0%
135	Black eggplant	1	0%
136	Sweet pepper	14	0.3%
138	Amaranth	36	0.7%
139	Celery	0	0%
140	Spinach	0	0%
141	Small red bean	0	0%
142	Sugar beet	11	0.2%
143	Garlic	3	0.1%
144	African cabbage	0	0%
145	Leek	0	0%
146	French bean	13	0.3%
147	Letus	0	0%
148	Brocolli	0	0%
162	Millet	0	0%
165	Other tuber (specify)	0	0%
167	Cucumber	1	0%
168	Water melon	2	0%
201	Other seasonal vegetable	0	0%
213	Taro	162	3.2%
214	Yam	0	0%
220	Other annual vegetable	0	0%
233	Pyrethrum	72	1.4%
234	Other annual crop	4	0.1%
237	Pepper	7	0.1%
249	Napia grass	22	0.4%
257	Tree tomato	29	0.6%
265	Other tuber	0	0%
266	Pumpkin	1	0%
310	Cassava	468	9.1%
320	Other perennial vegetable	0	0%
321	Cooking banana	160	3.1%
322	Dessert banana	132	2.6%
323	Banana for beer	211	4.1%

324	Pineapple	0	0%
325	Avocado	2	0%
326	Passion fruit	5	0.1%
327	Other fruit	1	0%
331	Other oil seed	0	0%
332	Coffee	12	0.2%
334	Other perennial crop	18	0.4%
350	Sugar cane	95	1.9%
352	Macadamia	1	0%
353	Olive	2	0%
354	Mango	0	0%
355	Apple	0	0%
356	Papaya	0	0%
358	Orange	0	0%
359	Lemon	0	0%
360	Guava	0	0%
361	Mulberry	12	0.2%
363	Stevia	0	0%
364	Jatropha	0	0%
365	Other tuber (specify)	0	0%
368	Palm	0	0%
369	Tea	0	0%
511	Napia grass for fodder	75	1.5%
512	Maize for fodder	1	0%
513	Soya for fodder	0	0%
514	Leucena	0	0%
515	Desmodium	1	0%
516	Mucuna	0	0%
517	Setaria	0	0%
518	Tripsacum	0	0%
519	Other fodder crop (specify).	0	0%
520	Natural grass	54	1.1%
Sysmiss		3191	

S2Q14: 2.14.1 Is this crop for this season?

Data file: rwa-sas-seasonC-Screening

Overview

Valid: 5066   Invalid: 3245

Type: Discrete   Decimal: 0   Width: 8   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	1837	36.3%
2	No	3229	63.7%
Sysmiss		3245	

S2Q15: 2.15.1 Expected period for harvesting

Data file: rwa-sas-seasonC-Screening

Overview

Valid: 5066   Invalid: 3245
Type: Discrete   Decimal: 0   Width: 18   Range: 1 - 21   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Before 01/12	0	0%
2	Between 01-15 /12	0	0%
3	Between 16- 31/12	0	0%
4	Between 01-15/01	0	0%
5	Between 16- 31/01	0	0%
6	Between 01-28/02	0	0%
7	After 28/02	0	0%
8	Before May	0	0%
9	Between 01-15/05	0	0%
10	Between 16-31/05	0	0%
11	Between 01- 15/06	0	0%
12	Between 16 -30/06	0	0%
13	Between 01-31/07	0	0%
14	Between 01-31/08	0	0%
15	After August	0	0%
16	Before 30/07	264	5.2%
17	Between 01-15/08	126	2.5%
18	Between 15-30/08	291	5.7%
19	Between 01-15/09	398	7.9%

20	Between 16 -30/09	475	9.4%
21	After September	3512	69.3%
Sysmiss		3245	

WEIGHT: Weight

Data file: rwa-sas-seasonC-Screening

Overview

Valid: 8303   Invalid: 8   Minimum: 0.967   Maximum: 1018.329   Mean: 288.188   Standard deviation: 249.056
Type: Continuous   Decimal: 0   Width: 10   Range: 0.966560360794515 - 1018.32945299025   Format: Numeric

CROP_AREA: Estimated crop area

Data file: rwa-sas-seasonC-Screening

Overview

Valid: 5068   Invalid: 3243   Minimum: 0.000574   Maximum: 11.466   Mean: 0.0692   Standard deviation: 0.246
Type: Continuous   Decimal: 0   Width: 9   Range: 0.000574111472815275 - 11.4659261703491   Format: Numeric

CROPGROUP: Crop category and major crops

Data file: rwa-sas-seasonC-Screening

Overview

Valid: 5120   Invalid: 3191
Type: Discrete   Decimal: 0   Width: 51   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Cereals	801	15.6%
2	Vegetables and Melons	413	8.1%
3	Fruit and Nuts	541	10.6%
4	Oilseed crops	212	4.1%
5	Root/tuber crops with high starch or inulin content	2336	45.6%
6	Beverage and spice crops	33	0.6%
7	Leguminous crops	419	8.2%
8	Sugar crops	106	2.1%
91	Grasses and other fodder crops	131	2.6%
99	Other crops	128	2.5%

Sysmiss		3191	

study_resources

questionnaires

Seasonal Agricultural Survey 2018-2019, Plot Questionnaire

title	Seasonal Agricultural Survey 2018-2019, Plot Questionnaire
authors	National Institute of Statistics of Rwanda
date	2019-01-01
country	Rwanda
language	English
contributors	Government of Rwanda
publishers	National Institute of Statistics of Rwanda (NISR) - Ministry of Finance and Economic Planning (MINECOFIN)
filename	Plot_Questionnaire_Season_2019_English.pdf

Seasonal Agricultural Survey 2018-2019, Screening Questionnaire

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language	English
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publishers	National Institute of Statistics of Rwanda (NISR) - Ministry of Finance and Economic Planning (MINECOFIN)
filename	Screening_Questionnaire_Season_2019_English.pdf

reports

Seasonal Agricultural Survey 2019, Annual Report

title	Seasonal Agricultural Survey 2019, Annual Report
authors	National Institute of Statistics of Rwanda
date	2019-01-01
country	Rwanda
language	English
filename	SAS_2019_Annual_report_published.pdf