

Rwanda - Rwanda seasonal Agriculture Survey 2018

**National Institute of Statistics of Rwanda - Ministry of Finance and Economic
Planning**

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Overview

Identification

ID NUMBER
RWA-NISR-RSAS-2018-v0.1

Version

VERSION DESCRIPTION
Edited, anonymous dataset for public use

Overview

ABSTRACT

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

In this regard, the National Institute of Statistics of Rwanda conducted the Seasonal Agriculture Survey (SAS) from November 2017 to October 2018 to gather up-to-date information for monitoring progress on agriculture programs and policies in Rwanda, including the Second Economic Development and Poverty Reduction Strategy (EDPRS II) and Vision 2020. This 2018 RSAS covered three agricultural seasons (A, B and C) and provides data on background characteristics of the agricultural operators, farm characteristics (area, yield and production), agricultural practices, agricultural equipments, use of crop production by agricultural operators and by large scale farmers.

KIND OF DATA
Sample survey data [ssd]

UNITS OF ANALYSIS
This seasonal agriculture survey focused on the following units of analysis: Agricultural Operators and Large Scale Farmers

Scope

NOTES

The scope of 2018 Seasonal Agriculture Survey concerned farm characteristics (Area, yield and production; agricultural practices; small agricultural equipments; and use of crop production).

Coverage

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

UNIVERSE

The RSAS 2018 targeted potential agricultural land and large scale farmers

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

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

OTHER PRODUCER(S)

Name	Affiliation	Role
Ministry of Agriculture and Animal Resources	Government of Rwanda	Technical partner
National Agriculture Export Board	Government of Rwanda	Technical partner
Rwanda Agricultural Board	Government of Rwanda	Technical partner
Rwanda Environmental Management Authority	Government of Rwanda	Technical partner

FUNDING

Name	Abbreviation	Role
The Government of Rwanda	GoR	Funder

Metadata Production

METADATA PRODUCED BY

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

DATE OF METADATA PRODUCTION

2020-11-16

DDI DOCUMENT VERSION

Version 0.1 Edited anonymized dataset for public use

DDI DOCUMENT ID

DDI-RWA-NISR-RSAS-2018-V0.1

Sampling

Sampling Procedure

In order to provide the basis for conducting probability surveys based on complete coverage of the farm level, and as a better way of collecting agricultural data and finding better precise survey estimates, SAS used a Multiple-Frame Sampling (MFS) methodology by which, area frame was constructed and survey sample was drawn from it. Apart from that, 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. For detailed information regarding the sampling procedures, refer to the component of Methodology in the report.

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.

Questionnaires

Overview

There were two types of questionnaires used for this survey namely Screening questionnaire and plot questionnaires. 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, inputs (seeds, fertilizers, labor ...), agricultural practices, crop production and use of production. All the surveys questionnaires used were published in English.

Data Collection

Data Collection Dates

Start	End	Cycle
2017-12-10	2018-01-30	Season A
2018-04-29	2018-07-19	Season B
2018-09-04	2018-09-24	Season C

Data Collection Mode

Face-to-face [f2f]

Data Collection Notes

Data collection consists of 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 2018 the NISR employed around 151 field workers in the form of two-person teams to conduct the fieldwork. The fieldwork consisted of a Phase 1 for segment screening and a Phase 2 for plot data collection. 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.

Questionnaires

There were two types of questionnaires used for this survey namely Screening questionnaire and plot questionnaires. 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, inputs (seeds, fertilizers, labor ...), agricultural practices, crop production and use of production. All the surveys questionnaires used were published in English.

Data Collectors

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

Supervision

The survey used 151 Enumerators in form of two field workers per team. 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 track 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.

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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

Data Appraisal

Other forms of Data Appraisal

All Farm questionnaires were subjected to two/three rounds of data quality checking. The first round was conducted by the enumerator and the second round was conducted by the team leader to check if questionnaires had been well completed by enumerators. And in most cases, questionnaires completed by one enumerator were peer-reviewed by another enumerator before being checked by the Team leader.

File Description

Variable List

rwa-sas-seasonA_Crop production

Content

Cases 32906

Variable(s) 49

Structure Type:
Keys: ()

Version

Producer NISR

Missing Data

Variables

ID	Name	Label	Type	Format	Question
V1	Segment_ID	1.0 Segment identification	contin	numeric	
V2	s1q1	1.1 Province	discrete	numeric	
V3	s1q2	1.2 District	discrete	numeric	
V4	s1q3	1.3 Stratum	discrete	numeric	
V5	s1q4	1.4 Segment	contin	numeric	
V6	s1q5	1.5. Date of interview	discrete	character	
V7	s2q1	2.1 Plot No.	contin	numeric	
V8	s2q2	2.2 Area m2	contin	numeric	
V9	s2q3_1	2.3.1 Farmer type	discrete	numeric	
V10	s2q4	2.4 Cropping system	discrete	numeric	
V11	s2q5	2.5 Number of main crops in the plot	discrete	numeric	
V12	s2q6	crop_name	discrete	numeric	
V13	s2q7	2.7.Developped crop area in ha	contin	numeric	
V14	s2q8	2.8. Sowing Date	discrete	numeric	
V15	s2q9	2.9. Expected period of harvesting	discrete	numeric	
V16	s2q10	2.10. Type of seeds sown	discrete	numeric	
V17	s2q11_1	2.11.1. Traditional seed sown(Unit)	discrete	numeric	
V18	s2q11_2	2.11.2. Quantity of traditional seed sown	contin	numeric	
V19	s2q12	2.12. Quantity of traditional seeds purchased	contin	numeric	
V20	s2q13	2.13. Amount spent on traditional seeds(Rfw)	contin	numeric	
V21	s2q14_1	2.14.1. Improved seeds sown(Unit)	discrete	numeric	
V22	s2q14_2	2.14.2. Improved seeds sown(Qty)	contin	numeric	
V23	s2q15	2.15. Quantity of improved seeds purchased	contin	numeric	
V24	s2q16	2.16. Amount spent on improved seeds(Rfw)	contin	numeric	
V25	s2q17	2.17. Where did improved seeds sown come from?	discrete	numeric	
V26	s2q18_1	2.18.1 On average how many trees are in this plot?	contin	numeric	

ID	Name	Label	Type	Format	Question
V27	s2q18_2	2.18.2 On average how many trees have you harvested/to be harvested in this plot	contin	numeric	
V28	s2q19	2.19. Quantity already harvested in this plot (in Kg)	contin	numeric	
V29	s2q20	2.20. Remaining quantity to be harvested in this plot (in Kg)	contin	numeric	
V30	s2q21	2.21. Total quantity of harvest in this plot (in Kg)	contin	numeric	
V31	s2q22	2.22. Explanation on production status	discrete	numeric	
V32	s2q23	2.23 What was the quantity produced in all plots (in Kg)	contin	numeric	
V33	s2q24	2.24. What was the quantity processed at farm level?	contin	numeric	
V34	s2q25	2.25. What was the quantity sold?	contin	numeric	
V35	s2q26	2.26. On which market this crop was sold?	discrete	numeric	
V36	s2q27	2.27. What was the selling price per kilogram? (RwF/Kg)	discrete	numeric	
V37	s2q28	2.28. What was the quantity used for own consumption?	contin	numeric	
V38	s2q29	2.29. What was the quantity used as wages?	contin	numeric	
V39	s2q30	2.30. What was the quantity used as farm rent?	contin	numeric	
V40	s2q31	2.31. What was the quantity used as gift?	contin	numeric	
V41	s2q32	2.32. What was the quantity exchanged for other goods?	contin	numeric	
V42	s2q33	2.33. What was the quantity used as seeds?	contin	numeric	
V43	s2q34	2.34. What was the quantity used to feed animals?	contin	numeric	
V44	s2q35	2.35. What was the quantity stored?	contin	numeric	
V45	s2q36	2.36. Which is the storage facility used by the household?	discrete	numeric	
V46	s2q37	2.37. What was the quantity lost after harvest?	contin	numeric	
V47	s2q38	2.38. What was the quantity used in other forms?	contin	numeric	
V48	Harvested_Area	Harvested crop area in ha	contin	numeric	
V49	CropGroup	Crop category and major crops	discrete	numeric	

rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Content

Cases 18786

Variable(s) 28

Structure Type:
Keys: ()

Version

Producer NISR

Missing Data

Variables

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

ID	Name	Label	Type	Format	Question
V77	weight	Segment weight	contin	numeric	

rwa-sas-SeasonA_PartIV_Agricultural practice

Content	
Cases	19805
Variable(s)	34
Structure	Type: Keys: ()
Version	
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V78	Segment_ID	1.0 Segment identification	contin	numeric	
V79	s2q1	2.1 Plot number	contin	numeric	
V80	s1q1	1.1 Province	discrete	numeric	
V81	s1q2	1.2 District	discrete	numeric	
V82	s1q3	1.3 Stratum	discrete	numeric	
V83	s1q4	1.4 Segment	contin	numeric	
V84	s2q2	2.2 Ptot area in sqm	contin	numeric	
V85	s2q3_6	2.3.6 Farmer type	discrete	numeric	
V86	s4q1	4.1 What is the degree of erosion on this plot?	discrete	numeric	
V87	s4q2	4.2 Is there any anti erosion activity on this plot?	discrete	numeric	
V88	s4q3	4.3 Types of anti-erosion activities existing in the plot (code)	discrete	numeric	
V89	s4q4	4.4 Was this anti-erosion activity done during the current agricultur	discrete	numeric	
V90	s4q5	4.5 What is the total cost of anti-erosion activity done during this season(R	contin	numeric	
V91	s4q6	4.6 Is this plot fenced?	discrete	numeric	
V92	s4q7	4.7 Was this fence done during the current agricultural season?	discrete	numeric	
V93	s4q8	4.8 Activity cost (RWF)	contin	numeric	
V94	s4q9	4.9 Amount spent on manpower to prepare land, sowing and any other agricultural	contin	numeric	
V95	s4q10_1	4.10.1 Have you used ploughing animals (oxen) during this season?	discrete	numeric	
V96	s4q10_2	4.10.2 At which stage of agriculture practice did you use animal ploughing?	discrete	character	
V97	s4q10_3	4.10.3 Amount paid on rent of ploughing animals during this season(Rwf)	discrete	numeric	
V98	s4q11_1	4.11.1 Have you used a ploughing tractor during this season?	discrete	numeric	
V99	s4q11_2	4.11.2 At which stage of agriculture practice did you use ploughing machine?	discrete	numeric	
V100	s4q11_3	4.11.3 Amount paid on rent of ploughing tractor (Rwf)	contin	numeric	
V101	s4q12_1	4.12.1 Have you used any other mechanical equipment during this season?	discrete	numeric	

ID	Name	Label	Type	Format	Question
V102	s4q12_2	4.14.2 At which stage of agriculture practice did you use other mechanical?	discrete	numeric	
V103	s4q12_3	4.12.3 Name of other mechanical equipment used during this season	discrete	character	
V104	s4q12_4	4.12.4 Rent cost for the other mechanical equipment (Rwf)	contin	numeric	
V105	s4q13	4.13 Have you irrigated your plot during this season?	discrete	numeric	
V106	s4q14	4.14 What is the source of water for irrigation?	discrete	numeric	
V107	s4q15	4.15 What is main irrigation technique used on this plot?	discrete	numeric	
V108	s4q16	4.16 What is the irrigation tool you have used?	discrete	numeric	
V109	s4q17	4.17 Total cost of irrigation?	contin	numeric	
V110	s4q18	4.18 What was the main crop to irrigate?	discrete	numeric	
V111	weight	Segment weight	contin	numeric	

rwa-sas-SeasonA_PartV_Land Tenure

Content
 Cases 63292
 Variable(s) 17
 Structure Type:
 Keys: ()
 Version
 Producer
 Missing Data

Variables

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

rwa-sas-seasonA-Screening

Content	
Cases	46854
Variable(s)	24
Structure	Type: Keys: ()
Version	
Producer	NISR
Missing Data	

Variables

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

rwa-sas-seasonB_Crop production

Content
Cases 30493
Variable(s) 49
Structure Type:
Keys: ()
Version
Producer NISR
Missing Data

Variables

ID	Name	Label	Type	Format	Question
V153	Segment_ID	1.0 Segment identification	contin	numeric	
V154	s1q1	1.1 Province	discrete	numeric	
V155	s1q2	1.2 District	discrete	numeric	
V156	s1q3	1.3 Stratum	discrete	numeric	
V157	s1q4	1.4 Segment	contin	numeric	
V158	s1q5	1.5. Date of interview	contin	numeric	
V159	s2q1	2.1 Plot No.	contin	numeric	
V160	s2q2	2.2Plot size (ha)	contin	numeric	
V161	s2q3_1	2.3.1 Farmer type	discrete	numeric	
V162	s2q4	2.4 Cropping system	discrete	numeric	
V163	s2q5	2.5 Number of main crops in the plot	discrete	numeric	
V164	s2q6	2.6 crop name	discrete	numeric	
V165	s2q7	2.7.Developped crop area in ha	contin	numeric	
V166	s2q8	2.8. Sowing Date	discrete	numeric	
V167	s2q9	2.9. Expected period of harvesting	discrete	numeric	
V168	s2q10	2.10. Type of seeds sown	discrete	numeric	
V169	s2q11_1	2.11.1. Traditional seed sown(Unit)	discrete	numeric	
V170	s2q11_2	2.11.2. Quantity of traditional seed sown	contin	numeric	
V171	s2q12	2.12. Quantity of traditional seeds purchased	contin	numeric	
V172	s2q13	2.13. Amount spent on traditional seeds(Rfw)	discrete	numeric	
V173	s2q14_1	2.14.1. Improved seeds sown(Unit)	discrete	numeric	
V174	s2q14_2	2.14.2. Improved seeds sown(Qty)	contin	numeric	
V175	s2q15	2.15. Quantity of improved seeds purchased	contin	numeric	
V176	s2q16	2.16. Amount spent on improved seeds(Rfw)	discrete	numeric	
V177	s2q17	2.17. Where did improved seeds sown come from?	discrete	numeric	
V178	s2q18_1	2.18.1 On average how many trees are in this plot?	contin	numeric	

ID	Name	Label	Type	Format	Question
V179	s2q18_2	2.18.2 On average how many trees have you harvested/to be harvested in this plot	contin	numeric	
V180	s2q19	2.19. Quantity already harvested in this plot (in Kg)	contin	numeric	
V181	s2q20	2.20. Remaining quantity to be harvested in this plot (in Kg)	contin	numeric	
V182	s2q21	2.21. Total quantity of harvest in this plot (in Kg)	contin	numeric	
V183	s2q22	2.22. Explanation on production status	discrete	numeric	
V184	s2q23	2.23 What was the quantity produced in all plots (in Kg)	contin	numeric	
V185	s2q24	2.24. What was the quantity processed at farm level?	contin	numeric	
V186	s2q25	2.25. What was the quantity sold?	contin	numeric	
V187	s2q26	2.26. On which market this crop was sold?	discrete	numeric	
V188	s2q27	2.27. What was the selling price per kilogram? (RwF/Kg)	contin	numeric	
V189	s2q28	2.28. What was the quantity used for own consumption?	contin	numeric	
V190	s2q29	2.29. What was the quantity used as wages?	contin	numeric	
V191	s2q30	2.30. What was the quantity used as farm rent?	contin	numeric	
V192	s2q31	2.31. What was the quantity used as gift?	contin	numeric	
V193	s2q32	2.32. What was the quantity exchanged for other goods?	contin	numeric	
V194	s2q33	2.33. What was the quantity used as seeds?	contin	numeric	
V195	s2q34	2.34. What was the quantity used to feed animals?	contin	numeric	
V196	s2q35	2.35. What was the quantity stored?	contin	numeric	
V197	s2q36	2.36. Which is the storage facility used by the household?	discrete	numeric	
V198	s2q37	2.37. What was the quantity lost after harvest?	contin	numeric	
V199	s2q38	2.38. What was the quantity used in other forms?	contin	numeric	
V200	Harvested_Area	Harvested crop area in ha	contin	numeric	
V201	CropGroup	Crop category and major crops	discrete	numeric	

rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Content

Cases	17637
Variable(s)	28
Structure	Type: Keys: ()
Version	
Producer	NISR
Missing Data	

Variables

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

ID	Name	Label	Type	Format	Question
V229	weight	Segment weight	contin	numeric	

rwa-sas-SeasonB_PartIV_Agricultural practice

Content	
Cases	19222
Variable(s)	34
Structure	Type: Keys: ()
Version	
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V230	Segment_ID	1.0 Segment identification	contin	numeric	
V231	s2q1	2.1 Plot number	contin	numeric	
V232	s1q1	1.1 Province	discrete	numeric	
V233	s1q2	1.2 District	discrete	numeric	
V234	s1q3	1.3 Stratum	discrete	numeric	
V235	s1q4	1.4 Segment	contin	numeric	
V236	s2q3_6	2.3.6 Farmer type	discrete	numeric	
V237	s2q2	2.2 Ptot area in sqm	contin	numeric	
V238	s4q1	4.1 What is the degree of erosion on this plot?	discrete	numeric	
V239	s4q2	4.2 Is there any anti erosion activity on this plot?	discrete	numeric	
V240	s4q3	4.3 Types of anti-erosion activities existing in the plot (code)	discrete	numeric	
V241	s4q4	4.4 Was this anti-erosion activity done during the current agricultur	discrete	numeric	
V242	s4q5	4.5 What is the total cost of anti-erosion activity done during this season(R	contin	numeric	
V243	s4q6	4.6 Is this plot fenced?	discrete	numeric	
V244	s4q7	4.7 Was this fence done during the current agricultural season?	discrete	numeric	
V245	s4q8	4.8 Activity cost (RWF)	contin	numeric	
V246	s4q9	4.9 Amount spent on manpower to prepare land, sowing and any other agricultural	contin	numeric	
V247	s4q10_1	4.10.1 Have you used ploughing animals (oxen) during this season?	discrete	numeric	
V248	s4q10_2	4.10.2 At which stage of agriculture practice did you use animal ploughing?	discrete	character	
V249	s4q10_3	4.10.3 Amount paid on rent of ploughing animals during this season(Rwf)	discrete	numeric	
V250	s4q11_1	4.11.1 Have you used a ploughing tractor during this season?	discrete	numeric	
V251	s4q11_2	4.11.2 At which stage of agriculture practice did you use ploughing machine?	discrete	numeric	
V252	s4q11_3	4.11.3 Amount paid on rent of ploughing tractor (Rwf)	contin	numeric	
V253	s4q12_1	4.12.1 Have you used any other mechanical equipment during this season?	discrete	numeric	

ID	Name	Label	Type	Format	Question
V254	s4q12_2	4.14.2 At which stage of agriculture practice did you use other mechanical?	discrete	numeric	
V255	s4q12_3	4.12.3 Name of other mechanical equipment used during this season	discrete	character	
V256	s4q12_4	4.12.4 Rent cost for the other mechanical equipment (Rwf)	contin	numeric	
V257	s4q13	4.13 Have you irrigated your plot during this season?	discrete	numeric	
V258	s4q14	4.14 What is the source of water for irrigation?	discrete	numeric	
V259	s4q15	4.15 What is main irrigation technique used on this plot?	discrete	numeric	
V260	s4q16	4.16 What is the irrigation tool you have used?	discrete	numeric	
V261	s4q17	4.17 Total cost of irrigation?	contin	numeric	
V262	s4q18	4.18 What was the main crop to irrigate?	discrete	numeric	
V263	weight	Segment weight	contin	numeric	

rwa-sas-SeasonB_PartV_Land Tenure

Content

Cases 61548

Variable(s) 17

Structure Type:
Keys: ()

Version

Producer NISR

Missing Data

Variables

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

rwa-sas-seasonB-Screening

Content
 Cases 43411
 Variable(s) 24
 Structure Type:
 Keys: ()
 Version
 Producer NISR
 Missing Data

Variables

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

rwa-sas-seasonC_Crop production

Content

Cases 1667

Variable(s) 49

Structure Type:
Keys: ()

Version

Producer NISR

Missing Data

Variables

ID	Name	Label	Type	Format	Question
V305	Segment_ID	1.0 Segment identification	contin	numeric	
V306	s1q1	1.1 Province	discrete	numeric	
V307	s1q2	1.2 District	discrete	numeric	
V308	s1q3	1.3 Stratum	discrete	numeric	
V309	s1q4	1.4 Segment	contin	numeric	
V310	s1q5	1.5 Date of visting the segment/LSF(DD/MM/YYYY)	discrete	numeric	
V311	s2q1	2.1 Plot No.	contin	numeric	
V312	s2q2	2.2 Plot area in ha	contin	numeric	
V313	s2q3_1	2.3.1 Farmer type	discrete	numeric	
V314	s2q4	2.4 Cropping system	discrete	numeric	
V315	s2q5	2.5 Number of crops	discrete	numeric	
V316	s2q6	2.6.crop_name	discrete	numeric	
V317	s2q7	2.7.Developped crop area in ha	contin	numeric	
V318	s2q8	2.8 Sowing Date	discrete	numeric	
V319	s2q9	2.9 Expected period for harvesting	discrete	numeric	
V320	s2q10	2.10 Types of Seeds sown	discrete	numeric	
V321	s2q11_1	2.11.1 Traditional seed sown(Unit)	discrete	numeric	
V322	s2q11_2	2.11.2 Quantity of traditional seed sown	contin	numeric	
V323	s2q12	2.12 Quantity of traditional seeds purchased	contin	numeric	
V324	s2q13	2.13 Amount spent on traditional seeds(Rfw)	contin	numeric	
V325	s2q14_1	2.14.1 Improved seeds sown(Unit)	discrete	numeric	
V326	s2q14_2	2.14.2 Improved seeds sown(Qty)	contin	numeric	
V327	s2q15	2.15 Quantity of improved seeds purchased	contin	numeric	
V328	s2q16	2.16 Amount spent on improved seeds(Rfw)	contin	numeric	
V329	s2q17	2.17 Where did improved seeds sown come from?	discrete	numeric	
V330	s2q18_1	2.18.1 On average how many trees are in this plot?	discrete	numeric	

ID	Name	Label	Type	Format	Question
V331	s2q18_2	2.18.2 On average how many trees have you harvested/to be harvested in this plot	discrete	numeric	
V332	s2q19	2.19. Quantity already harvested in this plot (in Kg)	contin	numeric	
V333	s2q20	2.20. Remaining quantity to be harvested in this plot (in Kg)	contin	numeric	
V334	s2q21	2.21. Total quantity of harvest in this plot (in Kg)	contin	numeric	
V335	s2q22	2.22.1 Explanation on production status	discrete	numeric	
V336	s2q23	2.23 What was the quantity produced in all plots (in Kg)	contin	numeric	
V337	s2q24	2.24 What was the quantity processed at farm level?	contin	numeric	
V338	s2q25	2.25 What was the quantity sold?	contin	numeric	
V339	s2q26	2.26 On which market this crop was sold?	discrete	numeric	
V340	s2q27	2.27 What was the selling price per kilogram? (RwF/Kg)	contin	numeric	
V341	s2q28	2.28 What was the quantity used for own consumption?	contin	numeric	
V342	s2q29	2.29 What was the quantity used as wages?	contin	numeric	
V343	s2q30	2.30 What was the quantity used as farm rent?	contin	numeric	
V344	s2q31	2.31 What was the quantity used as gift?	contin	numeric	
V345	s2q32	2.32 What was the quantity exchanged for other goods?	contin	numeric	
V346	s2q33	2.33 What was the quantity used as seeds?	contin	numeric	
V347	s2q34	2.34 What was the quantity used to feed animals?	contin	numeric	
V348	s2q35	2.35 What was the quantity stored?	contin	numeric	
V349	s2q36	2.36 Which is the storage facility used by the household?	discrete	numeric	
V350	s2q37	2.37 What was the quantity lost after harvest?	contin	numeric	
V351	s2q38	2.38 What was the quantity used in other forms?	contin	numeric	
V352	Harvested_Area	Harvested crop area in ha	contin	numeric	
V353	CropGroup	Crop category and major crops	discrete	numeric	

rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Content	
Cases	1832
Variable(s)	27
Structure	Type: Keys: ()
Version	
Producer	NISR
Missing Data	

Variables

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

rwa-sas-SeasonC_PartIV_Agricultural practice

Content
 Cases 1731
 Variable(s) 33
 Structure Type:
 Keys: ()
 Version
 Producer
 Missing Data

Variables

ID	Name	Label	Type	Format	Question
V381	Segment_ID	1.0 Segment identification	contin	numeric	
V382	s2q1	2.1 Plot number	contin	numeric	
V383	s1q1	1.1 Province	discrete	numeric	
V384	s1q2	1.2 District	discrete	numeric	
V385	s1q3	1.3 Stratum	discrete	numeric	
V386	s1q4	1.4 Segment	contin	numeric	
V387	s2q2	2.2 Ptot area in sqm	contin	numeric	
V388	s4q1	4.1 What is the degree of erosion on this plot?	discrete	numeric	
V389	s4q2	4.2 Is there any anti erosion activity on this plot?	discrete	numeric	
V390	s4q3	4.3 Types of anti-erosion activities existing in the plot (code)	discrete	numeric	
V391	s4q4	4.4 Was this anti-erosion activity done during the current agricultur	discrete	numeric	
V392	s4q5	4.5 What is the total cost of anti-erosion activity done during this season(R	contin	numeric	
V393	s4q6	4.6 Is this plot fenced?	discrete	numeric	
V394	s4q7	4.7 Was this fence done during the current agricultural season?	discrete	numeric	
V395	s4q8	4.8 Activity cost (RWF)	discrete	numeric	
V396	s4q9	4.9 Amount spent on manpower to prepare land, sowing and any other agricultural	contin	numeric	
V397	s4q10_1	4.10.1 Have you used ploughing animals (oxen) during this season?	discrete	numeric	
V398	s4q10_2	4.10.2 At which stage of agriculture practice did you use animal ploughing?	discrete	character	
V399	s4q10_3	4.10.3 Amount paid on rent of ploughing animals during this season(Rwf)	discrete	numeric	
V400	s4q11_1	4.11.1 Have you used a ploughing tractor during this season?	discrete	numeric	
V401	s4q11_2	4.11.2 At which stage of agriculture practice did you use ploughing machine?	discrete	numeric	
V402	s4q11_3	4.11.3 Amount paid on rent of ploughing tractor (Rwf)	discrete	numeric	
V403	s4q12_1	4.12.1 Have you used any other mechanical equipment during this season?	discrete	numeric	

ID	Name	Label	Type	Format	Question
V404	s4q12_2	4.14.2 At which stage of agriculture practice did you use other mechanical?	discrete	numeric	
V405	s4q12_3	4.12.3 Name of other mechanical equipment used during this season	discrete	character	
V406	s4q12_4	4.12.4 Rent cost for the other mechanical equipment (Rwf)	discrete	numeric	
V407	s4q13	4.13 Have you irrigated your plot during this season?	discrete	numeric	
V408	s4q14	4.14 What is the source of water for irrigation?	discrete	numeric	
V409	s4q15	4.15 What is main irrigation technique used on this plot?	discrete	numeric	
V410	s4q16	4.16 What is the irrigation tool you have used?	discrete	numeric	
V411	s4q17	4.17 Total cost of irrigation?	contin	numeric	
V412	s4q18	4.18 What was the main crop to irrigate?	discrete	numeric	
V413	weight	Segment weight	contin	numeric	

rwa-sas-SeasonC_PartV_Land Tenure

Content

Cases 5400

Variable(s) 16

Structure Type:
Keys: ()

Version

Producer

Missing Data

Variables

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

rwa-sas-seasonC-Screening

Content
 Cases 8311
 Variable(s) 24
 Structure Type:
 Keys: ()
 Version
 Producer
 Missing Data

Variables

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

1.0 Segment identification (Segment_ID)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 10	Minimum: 12001
Decimals: 0	Maximum: 572059
Range: 12001-572059	Mean: 371232.4
	Standard deviation: 149336.9

1.1 Province (s1q1)

File: rwa-sas-seasonA_Crop production

Overview

Type: Discrete	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File: rwa-sas-seasonA_Crop production

Overview

Type: Discrete	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 10	
Decimals: 0	
Range: 11-57	

1.3 Stratum (s1q3)

File: rwa-sas-seasonA_Crop production

Overview

Type: Discrete	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 35	
Decimals: 0	
Range: 11-50	

1.4 Segment (s1q4)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 70
Range: 0-70	Mean: 17.4
	Standard deviation: 14.1

1.5. Date of interview (s1q5)

File: rwa-sas-seasonA_Crop production

Overview

Type: Discrete	Valid cases: 32906
Format: character	Minimum: NaN
Width: 11	Maximum: NaN

2.1 Plot No. (s2q1)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 25.3
	Standard deviation: 16.3

2.2 Area m2 (s2q2)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 8	Minimum: 24.6
Decimals: 0	Maximum: 10567158
Range: 24.646728515625-10567158	Mean: 9304.9
	Standard deviation: 152552.4

2.3.1 Farmer type (s2q3_1)

File: rwa-sas-seasonA_Crop production

Overview

Type: Discrete	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 18	
Decimals: 0	
Range: 1-2	

2.4 Cropping system (s2q4)

File: rwa-sas-seasonA_Crop production

Overview

Type: Discrete	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

2.5 Number of main crops in the plot (s2q5)

File: rwa-sas-seasonA_Crop production

Overview

Type: Discrete	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-5	

crop_name (s2q6)

File: rwa-sas-seasonA_Crop production

Overview

Type: Discrete	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 27	
Decimals: 0	
Range: 101-520	

2.7.Developped crop area in ha (s2q7)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 9	Minimum: 0
Decimals: 0	Maximum: 831.9
Range: 0.000416780589148402-831.908935546875	Mean: 0.7
	Standard deviation: 13.9

2.8. Sowing Date (s2q8)

File: rwa-sas-seasonA_Crop production

Overview

Type: Discrete	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 18	
Decimals: 0	
Range: 1-10	

2.9. Expected period of harvesting (s2q9)

File: rwa-sas-seasonA_Crop production

Overview

Type: Discrete	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 25	
Decimals: 0	
Range: 1-7	

2.10. Type of seeds sown (s2q10)

File: rwa-sas-seasonA_Crop production

Overview

Type: Discrete	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 30	
Decimals: 0	
Range: 1-3	

2.11.1. Traditional seed sown(Unit) (s2q11_1)

File: rwa-sas-seasonA_Crop production

Overview

Type: Discrete	Valid cases: 29317
Format: numeric	Invalid: 3589
Width: 8	
Decimals: 0	
Range: 1-3	

2.11.2. Quantity of traditional seed sown (s2q11_2)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 18636
Format: numeric	Invalid: 14270
Width: 10	Minimum: 0
Decimals: 0	Maximum: 93800
Range: 0-93800	Mean: 38.4
	Standard deviation: 732.7

2.12. Quantity of traditional seeds purchased (s2q12)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 18610
Format: numeric	Invalid: 14296
Width: 10	Minimum: 0
Decimals: 0	Maximum: 93800
Range: 0-93800	Mean: 16.8
	Standard deviation: 709.8

2.13. Amount spent on traditional seeds(Rfw) (s2q13)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 29317
Format: numeric	Invalid: 3589
Width: 10	Minimum: 0
Decimals: 0	Maximum: 56280000
Range: 0-56280000	Mean: 4473.8
	Standard deviation: 333545.3

2.14.1. Improved seeds sown(Unit) (s2q14_1)

File: rwa-sas-seasonA_Crop production

Overview

Type: Discrete	Valid cases: 3748
Format: numeric	Invalid: 29158
Width: 8	
Decimals: 0	
Range: 1-3	

2.14.2. Improved seeds sown(Qty) (s2q14_2)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 3356
Format: numeric	Invalid: 29550
Width: 10	Minimum: 0.1
Decimals: 0	Maximum: 47500
Range: 0.1-47500	Mean: 225.9
	Standard deviation: 1681.9

2.15. Quantity of improved seeds purchased (s2q15)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 3356
Format: numeric	Invalid: 29550
Width: 10	Minimum: 0
Decimals: 0	Maximum: 47500
Range: 0-47500	Mean: 214.4
	Standard deviation: 1656.3

2.16. Amount spent on improved seeds(Rfw) (s2q16)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 3748
Format: numeric	Invalid: 29158
Width: 10	Minimum: 0
Decimals: 0	Maximum: 22800000
Range: 0-22800000	Mean: 90133.7
	Standard deviation: 778665.8

2.17. Where did improved seeds sown come from? (s2q17)

File: rwa-sas-seasonA_Crop production

Overview

Type: Discrete	Valid cases: 3748
Format: numeric	Invalid: 29158
Width: 32	
Decimals: 0	
Range: 1-7	

2.18.1 On average how many trees are in this plot? (s2q18_1)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 7394
Format: numeric	Invalid: 25512
Width: 12	Minimum: 1
Decimals: 0	Maximum: 136066
Range: 1-136066	Mean: 355.1
	Standard deviation: 2438.4

2.18.2 On average how many trees have you harvested/to be harvested in this plot (s2q18_2)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 7394
Format: numeric	Invalid: 25512
Width: 12	Minimum: 0
Decimals: 0	Maximum: 119982
Range: 0-119982	Mean: 180.8
	Standard deviation: 1746

2.19. Quantity already harvested in this plot (in Kg) (s2q19)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 3302000
Range: 0-3302000	Mean: 1274.4
	Standard deviation: 36241.3

2.20. Remaining quantity to be harvested in this plot (in Kg) (s2q20)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 3289000
Range: 0-3289000	Mean: 1279.1
	Standard deviation: 37917.3

2.21. Total quantity of harvest in this plot (in Kg) (s2q21)

File: rwa-sas-seasonA_Crop production

Overview

2.21. Total quantity of harvest in this plot (in Kg) (s2q21)

File: rwa-sas-seasonA_Crop production

Type: Continuous	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 3339000
Range: 0-3339000	Mean: 2553.5
	Standard deviation: 54612.9

2.22. Explanation on production status (s2q22)

File: rwa-sas-seasonA_Crop production

Overview

Type: Discrete	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 43	
Decimals: 0	
Range: 1-19	

2.23 What was the quantity produced in all plots (in Kg) (s2q23)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 3339000
Range: 0-3339000	Mean: 3891.7
	Standard deviation: 60642

2.24. What was the quantity processed at farm level? (s2q24)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 118260
Range: 0-118260	Mean: 110.3
	Standard deviation: 1688.9

2.25. What was the quantity sold? (s2q25)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 3203960
Range: 0-3203960	Mean: 2816.1
	Standard deviation: 52873.1

2.26. On which market this crop was sold? (s2q26)

File: rwa-sas-seasonA_Crop production

Overview

Type: Discrete	Valid cases: 15121
Format: numeric	Invalid: 17785
Width: 22	
Decimals: 0	
Range: 1-7	

2.27. What was the selling price per kilogram? (RwF/Kg) (s2q27)

File: rwa-sas-seasonA_Crop production

Overview

Type: Discrete	Valid cases: 15089
Format: numeric	Invalid: 17817
Width: 12	
Decimals: 0	
Range: 0-99999	

2.28. What was the quantity used for own consumption? (s2q28)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 10	Minimum: -1
Decimals: 0	Maximum: 630800
Range: -1-630800	Mean: 479.9
	Standard deviation: 7637.8

2.29. What was the quantity used as wages? (s2q29)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 18300
Range: 0-18300	Mean: 24.3
	Standard deviation: 554.4

2.30. What was the quantity used as farm rent? (s2q30)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 12000
Range: 0-12000	Mean: 2.6
	Standard deviation: 74.5

2.31. What was the quantity used as gift? (s2q31)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 14180
Range: 0-14180	Mean: 21.1
	Standard deviation: 229.8

2.32. What was the quantity exchanged for other goods? (s2q32)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 200
Range: 0-200	Mean: 0.1
	Standard deviation: 3

2.33. What was the quantity used as seeds? (s2q33)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 329880
Range: 0-329880	Mean: 114.7
	Standard deviation: 4857.4

2.34. What was the quantity used to feed animals? (s2q34)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 450000
Range: 0-450000	Mean: 361.7
	Standard deviation: 8144.2

2.35. What was the quantity stored? (s2q35)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 122000
Range: 0-122000	Mean: 33.8
	Standard deviation: 1761.9

2.36. Which is the storage facility used by the household? (s2q36)

File: rwa-sas-seasonA_Crop production

Overview

Type: Discrete	Valid cases: 1090
Format: numeric	Invalid: 31816
Width: 50	
Decimals: 0	
Range: 1-5	

2.37. What was the quantity lost after harvest? (s2q37)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 200000
Range: 0-200000	Mean: 26
	Standard deviation: 1562.6

2.38. What was the quantity used in other forms? (s2q38)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 180670
Range: 0-180670	Mean: 11.4
	Standard deviation: 1147.2

Harvested crop area in ha (Harvested_Area)

File: rwa-sas-seasonA_Crop production

Overview

Type: Continuous	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 9	Minimum: 0
Decimals: 0	Maximum: 831.9
Range: 0.000183789481525309-831.908935546875	Mean: 0.7
	Standard deviation: 13.9

Crop category and major crops (CropGroup)

File: rwa-sas-seasonA_Crop production

Overview

Type: Discrete	Valid cases: 32906
Format: numeric	Invalid: 0
Width: 51	
Decimals: 0	
Range: 1-99	

1.0 Segment Identification (Segment_ID)

File: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 18786
Format: numeric	Invalid: 0
Width: 10	Minimum: 12001
Decimals: 0	Maximum: 572059
Range: 12001-572059	Mean: 355441.2
	Standard deviation: 152494.2

1.1 Province (s1q1)

File: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 18786
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 18786
Format: numeric	Invalid: 0
Width: 10	
Decimals: 0	
Range: 11-57	

1.3 Stratum (s1q3)

File: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 18786
Format: numeric	Invalid: 0
Width: 35	
Decimals: 0	
Range: 0-40	

1.4 Segment (s1q4)

File: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 18786
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 70
Range: 0-70	Mean: 16
	Standard deviation: 13.3

2.1 Plot number (s2q1)

File: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 18786
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 24.6
	Standard deviation: 16.3

2.2 Ptot area in sqm (s2q2)

File: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 18786
Format: numeric	Invalid: 0
Width: 8	Minimum: 24.6
Decimals: 0	Maximum: 10567158
Range: 24.646728515625-10567158	Mean: 27122.6
	Standard deviation: 295048.2

2.3.6 Farmer type (s2q3_6)

File: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 18786
Format: numeric	Invalid: 0
Width: 18	
Decimals: 0	
Range: 1-2	

3.1 Have you used organic fertilizer in this plot during this season? (s3q1)

File: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 18786
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

3.2 Quantity of Organic fertilizer used (in Kg) (s3q2)

File: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 10533
Format: numeric	Invalid: 8253
Width: 10	Minimum: 5
Decimals: 0	Maximum: 3040000
Range: 5-3040000	Mean: 5340.1
	Standard deviation: 78271.5

3.3 Quantity of Organic fertilizer purchased (s3q3)

File: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 10533
Format: numeric	Invalid: 8253
Width: 10	Minimum: 0
Decimals: 0	Maximum: 3040000
Range: 0-3040000	Mean: 2274.2
	Standard deviation: 64475.3

3.4 Cost of Organic fertilizer purchased (Rwf) (s3q4)

File: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 10533
Format: numeric	Invalid: 8253
Width: 10	Minimum: 0
Decimals: 0	Maximum: 30522000
Range: 0-30522000	Mean: 26892
	Standard deviation: 736218.2

3.5 Have you used inorganic fertilizer in this plot during this season? (s3q5)

File: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 18786
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

3.6 Inorganic fertilizer type (s3q6)

File: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 6220
Format: numeric	Invalid: 12566
Width: 26	
Decimals: 0	
Range: 1-9	

3.7 Unit (s3q7)

File: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 6220
Format: numeric	Invalid: 12566
Width: 8	
Decimals: 0	
Range: 1-4	

3.8 Total quantity of inorganic fertilizer used (s3q8)

File: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 6220
Format: numeric	Invalid: 12566
Width: 10	Minimum: 0
Decimals: 0	Maximum: 148400
Range: 0.01-148400	Mean: 658.5
	Standard deviation: 5011.4

3.9 Quantity of inorganic fertilizer purchased (s3q9)

File: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 6220
Format: numeric	Invalid: 12566
Width: 10	Minimum: 0
Decimals: 0	Maximum: 148400
Range: 0-148400	Mean: 637.2
	Standard deviation: 4912.2

3.10 Unit Price(Rwf) (s3q10)

File: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 6220
Format: numeric	Invalid: 12566
Width: 10	Minimum: 0
Decimals: 0	Maximum: 201000
Range: 0-201000	Mean: 549.8
	Standard deviation: 2652

3.11 What is the main source of fertilizer used? (s3q11)

File: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 6220
Format: numeric	Invalid: 12566
Width: 23	
Decimals: 0	
Range: 1-6	

3.12 What was the main crop the fertilizer was applied? (s3q12)

File: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 6220
Format: numeric	Invalid: 12566
Width: 28	
Decimals: 0	
Range: 101-520	

3.13 Have you used pesticides in this plot during this season? (s3q13)

File: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 18786
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

3.14 Pesticide type (s3q14)

File: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 4136
Format: numeric	Invalid: 14650
Width: 15	
Decimals: 0	
Range: 1-10	

3.15 Unit (s3q15)

File: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 4136
Format: numeric	Invalid: 14650
Width: 8	
Decimals: 0	
Range: 1-4	

3.16 Total Quantity of pesticide used in this plot (s3q16)

File: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 4136
Format: numeric	Invalid: 14650
Width: 10	Minimum: 0
Decimals: 0	Maximum: 92750
Range: 0.01-92750	Mean: 169
	Standard deviation: 1957.1

3.17 Quantity of pesticide purchased (s3q17)

File: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 4136
Format: numeric	Invalid: 14650
Width: 10	Minimum: 0
Decimals: 0	Maximum: 92750
Range: 0-92750	Mean: 163.6
	Standard deviation: 1943.3

3.18 Total amount spent on quantity bought (Rwf) (s3q18)

File: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 4033
Format: numeric	Invalid: 14753
Width: 12	Minimum: 12
Decimals: 0	Maximum: 20488000
Range: 12-20488000	Mean: 55341.2
	Standard deviation: 516128.8

3.19 What was the main crop the pesticide was applied? (s3q19)

File: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 4136
Format: numeric	Invalid: 14650
Width: 29	
Decimals: 0	
Range: 101-520	

Segment weight (weight)

File: rwa-sas-SeasonA_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 18786
Format: numeric	Invalid: 0
Width: 10	Minimum: 1
Decimals: 0	Maximum: 1537.8
Range: 1-1537.83059817529	Mean: 438.8
	Standard deviation: 322.5

1.0 Segment identification (Segment_ID)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Continuous	Valid cases: 19805
Format: numeric	Invalid: 0
Width: 10	Minimum: 12001
Decimals: 0	Maximum: 572059
Range: 12001-572059	Mean: 356802.4
	Standard deviation: 148834.5

2.1 Plot number (s2q1)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Continuous	Valid cases: 19805
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 24.9
	Standard deviation: 16.1

1.1 Province (s1q1)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 19805
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 19805
Format: numeric	Invalid: 0
Width: 10	
Decimals: 0	
Range: 11-57	

1.3 Stratum (s1q3)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 19805
Format: numeric	Invalid: 0
Width: 35	
Decimals: 0	
Range: 0-50	

1.4 Segment (s1q4)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Continuous	Valid cases: 19805
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 70
Range: 0-70	Mean: 16.1
	Standard deviation: 13.1

2.2 Ptot area in sqm (s2q2)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Continuous	Valid cases: 19805
Format: numeric	Invalid: 0
Width: 8	Minimum: 24.6
Decimals: 0	Maximum: 10567158
Range: 24.646728515625-10567158	Mean: 15301.5
	Standard deviation: 203406.6

2.3.6 Farmer type (s2q3_6)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 19805
Format: numeric	Invalid: 0
Width: 18	
Decimals: 0	
Range: 1-2	

4.1 What is the degree of erosion on this plot? (s4q1)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 19805
Format: numeric	Invalid: 0
Width: 88	
Decimals: 0	
Range: 1-3	

4.2 Is there any anti erosion activity on this plot? (s4q2)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 19805
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

4.3 Types of anti-erosion activities existing in the plot (code) (s4q3)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 15440
Format: numeric	Invalid: 4365
Width: 30	
Decimals: 0	
Range: 0-9	

4.4 Was this anti-erosion activity done during the current agricultural (s4q4)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 15440
Format: numeric	Invalid: 4365
Width: 8	
Decimals: 0	
Range: 1-2	

4.5 What is the total cost of anti-erosion activity done during this season(R (s4q5)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Continuous	Valid cases: 1475
Format: numeric	Invalid: 18330
Width: 10	Minimum: 0
Decimals: 0	Maximum: 5120000
Range: 0-5120000	Mean: 17854.1
	Standard deviation: 218312.6

4.6 Is this plot fenced? (s4q6)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 19805
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

4.7 Was this fence done during the current agricultural season? (s4q7)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 499
Format: numeric	Invalid: 19306
Width: 8	
Decimals: 0	
Range: 1-2	

4.8 Activity cost (RWF) (s4q8)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Continuous	Valid cases: 28
Format: numeric	Invalid: 19777
Width: 10	Minimum: 0
Decimals: 0	Maximum: 300000
Range: 0-300000	Mean: 21692.9
	Standard deviation: 60361.6

4.9 Amount spent on manpower to prepare land, sowing and any other agricultural (s4q9)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Continuous	Valid cases: 19805
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 506554125
Range: 0-506554125	Mean: 323190.7
	Standard deviation: 7142384.3

4.10.1 Have you used ploughing animals (oxen) during this season? (s4q10_1)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 19805
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

4.10.2 At which stage of agriculture practice did you use animal ploughing? (s4q10_2)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 1
Format: character	Invalid: 0
Width: 15	

4.10.3 Amount paid on rent of ploughing animals during this season(Rwf) (s4q10_3)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

4.10.3 Amount paid on rent of ploughing animals during this season(Rwf) (s4q10_3)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Type: Discrete	Valid cases: 1
Format: numeric	Invalid: 19804
Width: 10	
Decimals: 0	
Range: 25000-25000	

4.11.1 Have you used a ploughing tractor during this season? (s4q11_1)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 19805
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

4.11.2 At which stage of agriculture practice did you use ploughing machine? (s4q11_2)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 81
Format: numeric	Invalid: 19724
Width: 52	
Decimals: 0	
Range: 1-29	

4.11.3 Amount paid on rent of ploughing tractor (Rwf) (s4q11_3)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Continuous	Valid cases: 81
Format: numeric	Invalid: 19724
Width: 10	Minimum: 0
Decimals: 0	Maximum: 242515000
Range: 0-242515000	Mean: 7360670.4
	Standard deviation: 35728771.3

4.12.1 Have you used any other mechanical equipment during this season? (s4q12_1)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

4.12.1 Have you used any other mechanical equipment during this season? (s4q12_1)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Type: Discrete	Valid cases: 19805
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

4.14.2 At which stage of agriculture practice did you use other mechanical? (s4q12_2)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 15
Format: numeric	Invalid: 19790
Width: 34	
Decimals: 0	
Range: 1-18	

4.12.3 Name of other mechanical equipment used during this season (s4q12_3)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 15
Format: character	Invalid: 0
Width: 40	

4.12.4 Rent cost for the other mechanical equipment (Rwf) (s4q12_4)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Continuous	Valid cases: 15
Format: numeric	Invalid: 19790
Width: 10	Minimum: 0
Decimals: 0	Maximum: 150000000
Range: 0-150000000	Mean: 12552000
	Standard deviation: 39214735.2

4.13 Have you irrigated your plot during this season? (s4q13)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 19805
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

4.14 What is the source of water for irrigation? (s4q14)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 645
Format: numeric	Invalid: 19160
Width: 21	
Decimals: 0	
Range: 1-6	

4.15 What is main irrigation technique used on this plot? (s4q15)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 645
Format: numeric	Invalid: 19160
Width: 39	
Decimals: 0	
Range: 1-5	

4.16 What is the irrigation tool you have used? (s4q16)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 645
Format: numeric	Invalid: 19160
Width: 55	
Decimals: 0	
Range: 1-3456	

4.17 Total cost of irrigation? (s4q17)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Continuous	Valid cases: 645
Format: numeric	Invalid: 19160
Width: 10	Minimum: 0
Decimals: 0	Maximum: 35000000
Range: 0-35000000	Mean: 679184.5
	Standard deviation: 2974218

4.18 What was the main crop to irrigate? (s4q18)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 645
Format: numeric	Invalid: 19160
Width: 29	
Decimals: 0	
Range: 101-555	

Segment weight (weight)

File: rwa-sas-SeasonA_PartIV_Agricultural practice

Overview

Type: Continuous
Format: numeric
Width: 10
Decimals: 0
Range: 1-1537.83059817529

Valid cases: 19805
Invalid: 0
Minimum: 1
Maximum: 1537.8
Mean: 467.5
Standard deviation: 323.3

1.0 Segment identification (Segment_ID)

File: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Type: Continuous	Valid cases: 63292
Format: numeric	Invalid: 0
Width: 10	Minimum: 12001
Decimals: 0	Maximum: 572059
Range: 12001-572059	Mean: 360734.6
	Standard deviation: 152191

2.1 Plot number (s2q1)

File: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Type: Continuous	Valid cases: 63292
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 24.9
	Standard deviation: 16.3

1.1 Province (s1q1)

File: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Type: Discrete	Valid cases: 63292
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Type: Discrete	Valid cases: 63292
Format: numeric	Invalid: 0
Width: 10	
Decimals: 0	
Range: 11-57	

1.3 Stratum (s1q3)

File: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Type: Discrete	Valid cases: 63292
Format: numeric	Invalid: 0
Width: 35	
Decimals: 0	
Range: 0-40	

1.4 Segment (s1q4)

File: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Type: Continuous	Valid cases: 63292
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 70
Range: 0-70	Mean: 16.6
	Standard deviation: 13.6

2.2 Ptot area in sqm (s2q2)

File: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Type: Continuous	Valid cases: 63292
Format: numeric	Invalid: 0
Width: 8	Minimum: 24.6
Decimals: 0	Maximum: 10567158
Range: 24.646728515625-10567158	Mean: 16406.9
	Standard deviation: 219630.7

2.3.6 Farmer type (s2q3_6)

File: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Type: Discrete	Valid cases: 63292
Format: numeric	Invalid: 0
Width: 18	
Decimals: 0	
Range: 1-2	

5.1 Is this plot owned or rented? (s5q1)

File: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Type: Discrete	Valid cases: 63292
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: 1-3	

5.2 Ownership category (s5q2)

File: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Type: Discrete	Valid cases: 47944
Format: numeric	Invalid: 15348
Width: 8	
Decimals: 0	
Range: 1-4	

5.3 When has this plot been bought? (s5q3)

File: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Type: Discrete	Valid cases: 19768
Format: numeric	Invalid: 43524
Width: 16	
Decimals: 0	
Range: 1-2	

5.4 If the plot was purchased during this season or last year, what was the cost (s5q4)

File: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Type: Continuous	Valid cases: 320
Format: numeric	Invalid: 62972
Width: 10	Minimum: 1500
Decimals: 0	Maximum: 16000000
Range: 1500-16000000	Mean: 1083987.5
	Standard deviation: 2591131

5.5 If the plot was rented, what kind of payment have you agreed on during this (s5q5)

File: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Type: Discrete	Valid cases: 9332
Format: numeric	Invalid: 53960
Width: 27	
Decimals: 0	
Range: 1-2	

5.6 If the rented plot was paid by cash, what is the amount for this season? (s5q6)

File: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Type: Continuous	Valid cases: 8080
Format: numeric	Invalid: 55212
Width: 16	Minimum: 10
Decimals: 0	Maximum: 14400000
Range: 10-14400000	Mean: 168612.7
	Standard deviation: 959050.7

5.7 What are crops in this plot that have been chosen for production share for t (s5q7)

File: rwa-sas-SeasonA_PartV_Land Tenure

Overview

5.7 What are crops in this plot that have been chosen for production share for t (s5q7)

File: rwa-sas-SeasonA_PartV_Land Tenure

Type: Discrete	Valid cases: 582
Format: numeric	Invalid: 62710
Width: 29	
Decimals: 0	
Range: 101-999	

5.8 If the rented plot was paid by production share, what is the percentage shar (s5q8)

File: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Type: Continuous	Valid cases: 539
Format: numeric	Invalid: 62753
Width: 8	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	Mean: 49
	Standard deviation: 8.5

Segment weight (weight)

File: rwa-sas-SeasonA_PartV_Land Tenure

Overview

Type: Continuous	Valid cases: 63292
Format: numeric	Invalid: 0
Width: 10	Minimum: 1
Decimals: 0	Maximum: 1537.8
Range: 1-1537.83059817529	Mean: 452.4
	Standard deviation: 322.6

Segment_ID (Segment_ID)

File: rwa-sas-seasonA-Screening

Overview

Type: Continuous	Valid cases: 46854
Format: numeric	Invalid: 0
Width: 10	Minimum: 12001
Decimals: 0	Maximum: 572059
Range: 12001-572059	Mean: 363546.5
	Standard deviation: 146799.6

1.1 Province Name (s1q1)

File: rwa-sas-seasonA-Screening

Overview

Type: Discrete	Valid cases: 46854
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-5	

1.2 District Name (s1q2)

File: rwa-sas-seasonA-Screening

Overview

Type: Discrete	Valid cases: 46854
Format: numeric	Invalid: 0
Width: 10	
Decimals: 0	
Range: 11-57	

Segment Physical area in ha (area_ha)

File: rwa-sas-seasonA-Screening

Overview

Type: Continuous	Valid cases: 45235
Format: numeric	Invalid: 1619
Width: 10	Minimum: 9.5
Decimals: 0	Maximum: 52.9
Range: 9.4966733-52.87763	Mean: 12.5
	Standard deviation: 9.7

1.3 Stratum (Not applicable for LSF) (s1q3)

File: rwa-sas-seasonA-Screening

Overview

Type: Discrete	Valid cases: 45235
Format: numeric	Invalid: 1619
Width: 32	
Decimals: 0	
Range: 11-50	

1.4 Segment (Not applicable for LSF) (s1q4)

File: rwa-sas-seasonA-Screening

Overview

Type: Continuous	Valid cases: 45235
Format: numeric	Invalid: 1619
Width: 8	Minimum: 1
Decimals: 0	Maximum: 71
Range: 1-71	Mean: 17.7
	Standard deviation: 13.6

1.5 Date of visting the segment/LSF(DD/MM/YYYY) (s1q5)

File: rwa-sas-seasonA-Screening

Overview

Type: Discrete	Valid cases: 45235
Format: character	Minimum: NaN
Width: 11	Maximum: NaN

1.6 Number of grids in the segment(Not applicable for LSF) (s1q6)

File: rwa-sas-seasonA-Screening

Overview

Type: Continuous	Valid cases: 45235
Format: numeric	Invalid: 1619
Width: 8	Minimum: 47
Decimals: 0	Maximum: 94
Range: 47-94	Mean: 52.6
	Standard deviation: 9.7

2.1 Sampled Grid point number (s2q1)

File: rwa-sas-seasonA-Screening

Overview

Type: Discrete	Valid cases: 46854
Format: numeric	Invalid: 0
Width: 10	
Decimals: 0	
Range: 99-99	

2.2 Plot_number (s2q2)

File: rwa-sas-seasonA-Screening

Overview

Type: Continuous	Valid cases: 46854
Format: numeric	Invalid: 0
Width: 10	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 25.2
	Standard deviation: 16.3

2.3 Plot size (m2) (s2q3)

File: rwa-sas-seasonA-Screening

Overview

Type: Continuous	Valid cases: 46854
Format: numeric	Invalid: 0
Width: 9	Minimum: 13
Decimals: 0	Maximum: 20106888
Range: 12.9627923965454-20106888	Mean: 9248.2
	Standard deviation: 179560

Farmer type (s2q4_1)

File: rwa-sas-seasonA-Screening

Overview

Type: Discrete	Valid cases: 46854
Format: numeric	Invalid: 0
Width: 19	
Decimals: 0	
Range: 1-2	

2.5 No.of Grids in the same Plot (s2q5)

File: rwa-sas-seasonA-Screening

Overview

Type: Continuous	Valid cases: 45235
Format: numeric	Invalid: 1619
Width: 8	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 1.7
	Standard deviation: 3

2.6 Land Use (s2q6)

File: rwa-sas-seasonA-Screening

Overview

Type: Discrete	Valid cases: 46854
Format: numeric	Invalid: 0
Width: 21	
Decimals: 0	
Range: 96-99	

2.7 Non- agricultural Land Type (s2q7)

File: rwa-sas-seasonA-Screening

Overview

Type: Discrete	Valid cases: 3266
Format: numeric	Invalid: 43588
Width: 23	
Decimals: 0	
Range: 1-7	

2.8 Cropping System (s2q8)

File: rwa-sas-seasonA-Screening

Overview

Type: Discrete	Valid cases: 41343
Format: numeric	Invalid: 5511
Width: 8	
Decimals: 0	
Range: 1-2	

2.9 Number of main crops in the plot (s2q9)

File: rwa-sas-seasonA-Screening

Overview

Type: Discrete	Valid cases: 46854
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 0-7	

2.10 Crop type (s2q10)

File: rwa-sas-seasonA-Screening

Overview

Type: Discrete	Valid cases: 41767
Format: numeric	Invalid: 5087
Width: 43	
Decimals: 0	
Range: 1-3	

2.11 Crop name (s2q11)

File: rwa-sas-seasonA-Screening

Overview

Type: Discrete	Valid cases: 41767
Format: numeric	Invalid: 5087
Width: 29	
Decimals: 0	
Range: 101-520	

2.14 is this crop for this season (s2q14)

File: rwa-sas-seasonA-Screening

Overview

Type: Discrete	Valid cases: 41342
Format: numeric	Invalid: 5512
Width: 8	
Decimals: 0	
Range: 1-2	

2.15 Expected period for harvesting (s2q15)

File: rwa-sas-seasonA-Screening

Overview

Type: Discrete	Valid cases: 41342
Format: numeric	Invalid: 5512
Width: 18	
Decimals: 0	
Range: 1-8	

Weight (Weight)

File: rwa-sas-seasonA-Screening

Overview

Type: Continuous	Valid cases: 46854
Format: numeric	Invalid: 0
Width: 10	Minimum: 1
Decimals: 0	Maximum: 1537.8
Range: 1-1537.83059817529	Mean: 473
	Standard deviation: 316.5

Crop category and major crops (CropGroup)

File: rwa-sas-seasonA-Screening

Overview

Type: Discrete	Valid cases: 41767
Format: numeric	Invalid: 5087
Width: 51	
Decimals: 0	
Range: 1-99	

Estimated crop area (Crop_Area)

File: rwa-sas-seasonA-Screening

Overview

Type: Continuous	Valid cases: 41767
Format: numeric	Invalid: 5087
Width: 9	Minimum: 0
Decimals: 0	Maximum: 1970.5
Range: 0.000416780589148402-1970.47509765625	Mean: 0.8
	Standard deviation: 18.1

1.0 Segment identification (Segment_ID)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 10	Minimum: 12001
Decimals: 0	Maximum: 572059
Range: 12001-572059	Mean: 376364.7
	Standard deviation: 148148.9

1.1 Province (s1q1)

File: rwa-sas-seasonB_Crop production

Overview

Type: Discrete	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File: rwa-sas-seasonB_Crop production

Overview

Type: Discrete	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 10	
Decimals: 0	
Range: 11-57	

1.3 Stratum (s1q3)

File: rwa-sas-seasonB_Crop production

Overview

Type: Discrete	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 35	
Decimals: 0	
Range: 11-50	

1.4 Segment (s1q4)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 71
Range: 0-71	Mean: 17.8
	Standard deviation: 14.3

1.5. Date of interview (s1q5)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 12	Minimum: 1062019
Decimals: 0	Maximum: 31052019
Range: 1062019-31052019	Mean: 15603717.4
	Standard deviation: 9750208.6

2.1 Plot No. (s2q1)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 25.5
	Standard deviation: 16.5

2.2 Plot size (ha) (s2q2)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 840
Range: 0.00246467278338969-840.0348	Mean: 0.9
	Standard deviation: 14.4

2.3.1 Farmer type (s2q3_1)

File: rwa-sas-seasonB_Crop production

Overview

Type: Discrete	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 18	
Decimals: 0	
Range: 1-2	

2.4 Cropping system (s2q4)

File: rwa-sas-seasonB_Crop production

Overview

Type: Discrete	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

2.5 Number of main crops in the plot (s2q5)

File: rwa-sas-seasonB_Crop production

Overview

Type: Discrete	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-5	

2.6 crop name (s2q6)

File: rwa-sas-seasonB_Crop production

Overview

Type: Discrete	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 27	
Decimals: 0	
Range: 101-520	

2.7.Developped crop area in ha (s2q7)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 9	Minimum: 0
Decimals: 0	Maximum: 789.6
Range: 0.000454639171948656-789.632690429688	Mean: 0.7
	Standard deviation: 13.5

2.8. Sowing Date (s2q8)

File: rwa-sas-seasonB_Crop production

Overview

Type: Discrete	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 18	
Decimals: 0	
Range: 1-23	

2.9. Expected period of harvesting (s2q9)

File: rwa-sas-seasonB_Crop production

Overview

Type: Discrete	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 25	
Decimals: 0	
Range: 1-21	

2.10. Type of seeds sown (s2q10)

File: rwa-sas-seasonB_Crop production

Overview

Type: Discrete	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 30	
Decimals: 0	
Range: 1-3	

2.11.1. Traditional seed sown(Unit) (s2q11_1)

File: rwa-sas-seasonB_Crop production

Overview

Type: Discrete	Valid cases: 28672
Format: numeric	Invalid: 1821
Width: 8	
Decimals: 0	
Range: 1-3	

2.11.2. Quantity of traditional seed sown (s2q11_2)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 17625
Format: numeric	Invalid: 12868
Width: 10	Minimum: 0
Decimals: 0	Maximum: 26750
Range: 0-26750	Mean: 32.7
	Standard deviation: 312.8

2.12. Quantity of traditional seeds purchased (s2q12)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 17623
Format: numeric	Invalid: 12870
Width: 10	Minimum: 0
Decimals: 0	Maximum: 13365
Range: 0-13365	Mean: 10.6
	Standard deviation: 134.8

2.13. Amount spent on traditional seeds(Rfw) (s2q13)

File: rwa-sas-seasonB_Crop production

Overview

Type: Discrete	Valid cases: 7290
Format: numeric	Invalid: 23203
Width: 10	
Decimals: 0	
Range: 1-4677750	

2.14.1. Improved seeds sown(Unit) (s2q14_1)

File: rwa-sas-seasonB_Crop production

Overview

Type: Discrete	Valid cases: 1914
Format: numeric	Invalid: 28579
Width: 8	
Decimals: 0	
Range: 1-3	

2.14.2. Improved seeds sown(Qty) (s2q14_2)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 1470
Format: numeric	Invalid: 29023
Width: 10	Minimum: 0.1
Decimals: 0	Maximum: 80000
Range: 0.1-80000	Mean: 479.8
	Standard deviation: 3079.9

2.15. Quantity of improved seeds purchased (s2q15)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 1471
Format: numeric	Invalid: 29022
Width: 10	Minimum: 0
Decimals: 0	Maximum: 80000
Range: 0-80000	Mean: 440.3
	Standard deviation: 2902.5

2.16. Amount spent on improved seeds(Rfw) (s2q16)

File: rwa-sas-seasonB_Crop production

Overview

Type: Discrete	Valid cases: 1476
Format: numeric	Invalid: 29017
Width: 10	
Decimals: 0	
Range: 1-36000000	

2.17. Where did improved seeds sown come from? (s2q17)

File: rwa-sas-seasonB_Crop production

Overview

Type: Discrete	Valid cases: 1914
Format: numeric	Invalid: 28579
Width: 32	
Decimals: 0	
Range: 1-7	

2.18.1 On average how many trees are in this plot? (s2q18_1)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 8216
Format: numeric	Invalid: 22277
Width: 12	Minimum: 1
Decimals: 0	Maximum: 250000
Range: 1-250000	Mean: 393.6
	Standard deviation: 4218.3

2.18.2 On average how many trees have you harvested/to be harvested in this plot (s2q18_2)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 8216
Format: numeric	Invalid: 22277
Width: 12	Minimum: 0
Decimals: 0	Maximum: 170000
Range: 0-170000	Mean: 204.5
	Standard deviation: 2363.4

2.19. Quantity already harvested in this plot (in Kg) (s2q19)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 2314985
Range: 0-2314985	Mean: 450.4
	Standard deviation: 15634.7

2.20. Remaining quantity to be harvested in this plot (in Kg) (s2q20)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 3428631
Range: 0-3428631	Mean: 2477.9
	Standard deviation: 56969.5

2.21. Total quantity of harvest in this plot (in Kg) (s2q21)

File: rwa-sas-seasonB_Crop production

Overview

2.21. Total quantity of harvest in this plot (in Kg) (s2q21)

File: rwa-sas-seasonB_Crop production

Type: Continuous	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 3551931
Range: 0-3551931	Mean: 2928.2
	Standard deviation: 61328.8

2.22. Explanation on production status (s2q22)

File: rwa-sas-seasonB_Crop production

Overview

Type: Discrete	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 43	
Decimals: 0	
Range: 1-19	

2.23 What was the quantity produced in all plots (in Kg) (s2q23)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 44000000
Range: 0-44000000	Mean: 5040
	Standard deviation: 260550.8

2.24. What was the quantity processed at farm level? (s2q24)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 2000000
Range: 0-2000000	Mean: 178.6
	Standard deviation: 11566.4

2.25. What was the quantity sold? (s2q25)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 10	Minimum: -1
Decimals: 0	Maximum: 43000000
Range: -1-43000000	Mean: 4112.8
	Standard deviation: 253051.4

2.26. On which market this crop was sold? (s2q26)

File: rwa-sas-seasonB_Crop production

Overview

Type: Discrete	Valid cases: 14498
Format: numeric	Invalid: 15995
Width: 22	
Decimals: 0	
Range: 1-7	

2.27. What was the selling price per kilogram? (RwF/Kg) (s2q27)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 14488
Format: numeric	Invalid: 16005
Width: 12	Minimum: 0
Decimals: 0	Maximum: 99999
Range: 0-99999	Mean: 6251.1
	Standard deviation: 8334.5

2.28. What was the quantity used for own consumption? (s2q28)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 10	Minimum: -1
Decimals: 0	Maximum: 1926720
Range: -1-1926720	Mean: 554.6
	Standard deviation: 15186.2

2.29. What was the quantity used as wages? (s2q29)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 24000
Range: 0-24000	Mean: 24
	Standard deviation: 553.8

2.30. What was the quantity used as farm rent? (s2q30)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 5275
Range: 0-5275	Mean: 2.8
	Standard deviation: 47.1

2.31. What was the quantity used as gift? (s2q31)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 1000000
Range: 0-1000000	Mean: 52.5
	Standard deviation: 5728.1

2.32. What was the quantity exchanged for other goods? (s2q32)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 400
Range: 0-400	Mean: 0.2
	Standard deviation: 4

2.33. What was the quantity used as seeds? (s2q33)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 100000
Range: 0-100000	Mean: 49.8
	Standard deviation: 1157.3

2.34. What was the quantity used to feed animals? (s2q34)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 900000
Range: 0-900000	Mean: 211.5
	Standard deviation: 8614.2

2.35. What was the quantity stored? (s2q35)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 50000
Range: 0-50000	Mean: 5
	Standard deviation: 408.4

2.36. Which is the storage facility used by the household? (s2q36)

File: rwa-sas-seasonB_Crop production

Overview

Type: Discrete	Valid cases: 684
Format: numeric	Invalid: 29809
Width: 50	
Decimals: 0	
Range: 1-5	

2.37. What was the quantity lost after harvest? (s2q37)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 172000
Range: 0-172000	Mean: 22.2
	Standard deviation: 1361.7

2.38. What was the quantity used in other forms? (s2q38)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 13500
Range: 0-13500	Mean: 4.6
	Standard deviation: 142.4

Harvested crop area in ha (Harvested_Area)

File: rwa-sas-seasonB_Crop production

Overview

Type: Continuous	Valid cases: 30493
Format: numeric	Invalid: 0
Width: 9	Minimum: 0
Decimals: 0	Maximum: 789.6
Range: 0-789.632690429688	Mean: 0.7
	Standard deviation: 13.5

Crop category and major crops (CropGroup)

File: rwa-sas-seasonB_Crop production

Overview

Type: Discrete	Valid cases: 30492
Format: numeric	Invalid: 1
Width: 51	
Decimals: 0	
Range: 1-99	

1.0 Segment Identification (Segment_ID)

File: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 17637
Format: numeric	Invalid: 0
Width: 10	Minimum: 12001
Decimals: 0	Maximum: 572059
Range: 12001-572059	Mean: 361947.7
	Standard deviation: 149100.3

1.1 Province (s1q1)

File: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 17637
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 17637
Format: numeric	Invalid: 0
Width: 10	
Decimals: 0	
Range: 11-57	

1.3 Stratum (s1q3)

File: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 17637
Format: numeric	Invalid: 0
Width: 35	
Decimals: 0	
Range: 0-40	

1.4 Segment (s1q4)

File: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 17637
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 71
Range: 0-71	Mean: 16.6
	Standard deviation: 13.5

2.1 Plot number (s2q1)

File: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 17637
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 24.8
	Standard deviation: 16.5

2.2 Ptot area in sqm (s2q2)

File: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 17637
Format: numeric	Invalid: 0
Width: 10	Minimum: 24.6
Decimals: 0	Maximum: 8400348
Range: 24.6467278338969-8400348	Mean: 25943.8
	Standard deviation: 287407.1

2.3.6 Farmer type (s2q3_6)

File: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 17637
Format: numeric	Invalid: 0
Width: 18	
Decimals: 0	
Range: 1-2	

3.1 Have you used organic fertilizer in this plot during this season? (s3q1)

File: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 17637
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

3.2 Quantity of Organic fertilizer used (in Kg) (s3q2)

File: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 8140
Format: numeric	Invalid: 9497
Width: 10	Minimum: 4
Decimals: 0	Maximum: 3149640
Range: 4-3149640	Mean: 4703.8
	Standard deviation: 78599.2

3.3 Quantity of Organic fertilizer purchased (s3q3)

File: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 8140
Format: numeric	Invalid: 9497
Width: 10	Minimum: 0
Decimals: 0	Maximum: 1000000
Range: 0-1000000	Mean: 1061.9
	Standard deviation: 23172.1

3.4 Cost of Organic fertilizer purchased (Rwf) (s3q4)

File: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 8140
Format: numeric	Invalid: 9497
Width: 10	Minimum: 0
Decimals: 0	Maximum: 12600000
Range: 0-12600000	Mean: 14274.9
	Standard deviation: 292937.1

3.5 Have you used inorganic fertilizer in this plot during this season? (s3q5)

File: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 17637
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

3.6 Inorganic fertilizer type (s3q6)

File: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 4465
Format: numeric	Invalid: 13172
Width: 26	
Decimals: 0	
Range: 1-9	

3.7 Unit (s3q7)

File: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 4465
Format: numeric	Invalid: 13172
Width: 8	
Decimals: 0	
Range: 1-4	

3.8 Total quantity of inorganic fertilizer used (s3q8)

File: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 4465
Format: numeric	Invalid: 13172
Width: 10	Minimum: 0.1
Decimals: 0	Maximum: 157860
Range: 0.12-157860	Mean: 901.5
	Standard deviation: 6375.5

3.9 Quantity of inorganic fertilizer purchased (s3q9)

File: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 4465
Format: numeric	Invalid: 13172
Width: 10	Minimum: 0
Decimals: 0	Maximum: 157860
Range: 0-157860	Mean: 894.4
	Standard deviation: 6362.8

3.10 Unit Price(Rwf) (s3q10)

File: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 4465
Format: numeric	Invalid: 13172
Width: 10	Minimum: 0
Decimals: 0	Maximum: 244620
Range: 0-244620	Mean: 651.8
	Standard deviation: 4238.9

3.11 What is the main source of fertilizer used? (s3q11)

File: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 4465
Format: numeric	Invalid: 13172
Width: 23	
Decimals: 0	
Range: 1-6	

3.12 What was the main crop the fertilizer was applied? (s3q12)

File: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 4465
Format: numeric	Invalid: 13172
Width: 28	
Decimals: 0	
Range: 101-520	

3.13 Have you used pesticides in this plot during this season? (s3q13)

File: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 17637
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

3.14 Pesticide type (s3q14)

File: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 3735
Format: numeric	Invalid: 13902
Width: 15	
Decimals: 0	
Range: 1-10	

3.15 Unit (s3q15)

File: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 3735
Format: numeric	Invalid: 13902
Width: 8	
Decimals: 0	
Range: 1-4	

3.16 Total Quantity of pesticide used in this plot (s3q16)

File: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 3735
Format: numeric	Invalid: 13902
Width: 10	Minimum: 0
Decimals: 0	Maximum: 7500
Range: 0.02-7500	Mean: 98.5
	Standard deviation: 217.6

3.17 Quantity of pesticide purchased (s3q17)

File: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 3735
Format: numeric	Invalid: 13902
Width: 10	Minimum: 0
Decimals: 0	Maximum: 7500
Range: 0-7500	Mean: 96.6
	Standard deviation: 216.2

3.18 Total amount spent on quantity bought (Rwf) (s3q18)

File: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 3664
Format: numeric	Invalid: 13973
Width: 12	Minimum: 50
Decimals: 0	Maximum: 26364000
Range: 50-26364000	Mean: 84394.4
	Standard deviation: 935156.2

3.19 What was the main crop the pesticide was applied? (s3q19)

File: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 3735
Format: numeric	Invalid: 13902
Width: 29	
Decimals: 0	
Range: 101-520	

Segment weight (weight)

File: rwa-sas-SeasonB_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 17637
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 1498.6
Range: 1-1498.63977050781	Mean: 463.1
	Standard deviation: 315.1

1.0 Segment identification (Segment_ID)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Continuous	Valid cases: 19222
Format: numeric	Invalid: 0
Width: 10	Minimum: 12001
Decimals: 0	Maximum: 572059
Range: 12001-572059	Mean: 361486.5
	Standard deviation: 145921.9

2.1 Plot number (s2q1)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Continuous	Valid cases: 19222
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 25.1
	Standard deviation: 16.2

1.1 Province (s1q1)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 19222
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 19222
Format: numeric	Invalid: 0
Width: 10	
Decimals: 0	
Range: 11-57	

1.3 Stratum (s1q3)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 19222
Format: numeric	Invalid: 0
Width: 35	
Decimals: 0	
Range: 10-50	

1.4 Segment (s1q4)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Continuous	Valid cases: 19222
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 71
Range: 0-71	Mean: 16.5
	Standard deviation: 13.2

2.3.6 Farmer type (s2q3_6)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 19222
Format: numeric	Invalid: 0
Width: 18	
Decimals: 0	
Range: 1-2	

2.2 Ptot area in sqm (s2q2)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Continuous	Valid cases: 19222
Format: numeric	Invalid: 0
Width: 10	Minimum: 24.6
Decimals: 0	Maximum: 8400348
Range: 24.6467278338969-8400348	Mean: 12745
	Standard deviation: 184637.1

4.1 What is the degree of erosion on this plot? (s4q1)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 19222
Format: numeric	Invalid: 0
Width: 88	
Decimals: 0	
Range: 1-3	

4.2 Is there any anti erosion activity on this plot? (s4q2)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 19222
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

4.3 Types of anti-erosion activities existing in the plot (code) (s4q3)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 14876
Format: numeric	Invalid: 4346
Width: 30	
Decimals: 0	
Range: 0-9	

4.4 Was this anti-erosion activity done during the current agricultural (s4q4)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 14876
Format: numeric	Invalid: 4346
Width: 8	
Decimals: 0	
Range: 1-2	

4.5 What is the total cost of anti-erosion activity done during this season(R (s4q5)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Continuous	Valid cases: 1158
Format: numeric	Invalid: 18064
Width: 10	Minimum: 0
Decimals: 0	Maximum: 2280000
Range: 0-2280000	Mean: 6992.8
	Standard deviation: 74598.8

4.6 Is this plot fenced? (s4q6)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 19222
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

4.7 Was this fence done during the current agricultural season? (s4q7)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 402
Format: numeric	Invalid: 18820
Width: 8	
Decimals: 0	
Range: 1-2	

4.8 Activity cost (RWF) (s4q8)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Continuous	Valid cases: 24
Format: numeric	Invalid: 19198
Width: 10	Minimum: 0
Decimals: 0	Maximum: 73000
Range: 0-73000	Mean: 18583.3
	Standard deviation: 22276.8

4.9 Amount spent on manpower to prepare land, sowing and any other agricultural (s4q9)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Continuous	Valid cases: 19222
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 413672130
Range: 0-413672130	Mean: 291083
	Standard deviation: 6637664.5

4.10.1 Have you used ploughing animals (oxen) during this season? (s4q10_1)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 19222
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

4.10.2 At which stage of agriculture practice did you use animal ploughing? (s4q10_2)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 0
Format: character	Invalid: 0
Width: 15	

4.10.3 Amount paid on rent of ploughing animals during this season(Rwf) (s4q10_3)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

4.10.3 Amount paid on rent of ploughing animals during this season(Rwf) (s4q10_3)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Type: Discrete	Valid cases: 1
Format: numeric	Invalid: 19221
Width: 10	
Decimals: 0	
Range: 1705000-1705000	

4.11.1 Have you used a ploughing tractor during this season? (s4q11_1)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 19222
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

4.11.2 At which stage of agriculture practice did you use ploughing machine? (s4q11_2)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 64
Format: numeric	Invalid: 19158
Width: 52	
Decimals: 0	
Range: 1-29	

4.11.3 Amount paid on rent of ploughing tractor (Rwf) (s4q11_3)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Continuous	Valid cases: 64
Format: numeric	Invalid: 19158
Width: 10	Minimum: 0
Decimals: 0	Maximum: 55000000
Range: 0-55000000	Mean: 2176797.9
	Standard deviation: 7241201

4.12.1 Have you used any other mechanical equipment during this season? (s4q12_1)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

4.12.1 Have you used any other mechanical equipment during this season? (s4q12_1)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Type: Discrete	Valid cases: 19222
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

4.14.2 At which stage of agriculture practice did you use other mechanical? (s4q12_2)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 15
Format: numeric	Invalid: 19207
Width: 34	
Decimals: 0	
Range: 1-18	

4.12.3 Name of other mechanical equipment used during this season (s4q12_3)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 15
Format: character	Invalid: 0
Width: 40	

4.12.4 Rent cost for the other mechanical equipment (Rwf) (s4q12_4)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Continuous	Valid cases: 15
Format: numeric	Invalid: 19207
Width: 10	Minimum: 0
Decimals: 0	Maximum: 2665400
Range: 0-2665400	Mean: 653080
	Standard deviation: 1138776.6

4.13 Have you irrigated your plot during this season? (s4q13)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 19222
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

4.14 What is the source of water for irrigation? (s4q14)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 615
Format: numeric	Invalid: 18607
Width: 21	
Decimals: 0	
Range: 1-6	

4.15 What is main irrigation technique used on this plot? (s4q15)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 615
Format: numeric	Invalid: 18607
Width: 39	
Decimals: 0	
Range: 1-5	

4.16 What is the irrigation tool you have used? (s4q16)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 615
Format: numeric	Invalid: 18607
Width: 55	
Decimals: 0	
Range: 1-3456	

4.17 Total cost of irrigation? (s4q17)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Continuous	Valid cases: 615
Format: numeric	Invalid: 18607
Width: 10	Minimum: 0
Decimals: 0	Maximum: 56126942
Range: 0-56126942	Mean: 741376.3
	Standard deviation: 3520215.8

4.18 What was the main crop to irrigate? (s4q18)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 615
Format: numeric	Invalid: 18607
Width: 29	
Decimals: 0	
Range: 101-555	

Segment weight (weight)

File: rwa-sas-SeasonB_PartIV_Agricultural practice

Overview

Type: Continuous
Format: numeric
Width: 8
Decimals: 0
Range: 1-1498.63977050781

Valid cases: 19222
Invalid: 0
Minimum: 1
Maximum: 1498.6
Mean: 490.4
Standard deviation: 317.7

1.0 Segment identification (Segment_ID)

File: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Type: Continuous	Valid cases: 61548
Format: numeric	Invalid: 0
Width: 10	Minimum: 12001
Decimals: 0	Maximum: 572059
Range: 12001-572059	Mean: 367570.4
	Standard deviation: 148785.9

2.1 Plot number (s2q1)

File: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Type: Continuous	Valid cases: 61548
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 25.1
	Standard deviation: 16.4

1.1 Province (s1q1)

File: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Type: Discrete	Valid cases: 61548
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Type: Discrete	Valid cases: 61548
Format: numeric	Invalid: 0
Width: 10	
Decimals: 0	
Range: 11-57	

1.3 Stratum (s1q3)

File: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Type: Discrete	Valid cases: 61548
Format: numeric	Invalid: 0
Width: 35	
Decimals: 0	
Range: 10-40	

1.4 Segment (s1q4)

File: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Type: Continuous	Valid cases: 61548
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 71
Range: 0-71	Mean: 17
	Standard deviation: 13.8

2.3.6 Farmer type (s2q3_6)

File: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Type: Discrete	Valid cases: 61548
Format: numeric	Invalid: 0
Width: 18	
Decimals: 0	
Range: 1-2	

2.2 Ptot area in sqm (s2q2)

File: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Type: Continuous	Valid cases: 61548
Format: numeric	Invalid: 0
Width: 10	Minimum: 24.6
Decimals: 0	Maximum: 8400348
Range: 24.6467278338969-8400348	Mean: 14677.7
	Standard deviation: 202774.2

5.1 Is this plot owned or rented? (s5q1)

File: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Type: Discrete	Valid cases: 61548
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: 1-3	

5.2 Ownership category (s5q2)

File: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Type: Discrete	Valid cases: 47124
Format: numeric	Invalid: 14424
Width: 8	
Decimals: 0	
Range: 1-4	

5.3 When has this plot been bought? (s5q3)

File: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Type: Discrete	Valid cases: 19296
Format: numeric	Invalid: 42252
Width: 16	
Decimals: 0	
Range: 1-2	

5.4 If the plot was purchased during this season or last year, what was the cost (s5q4)

File: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Type: Continuous	Valid cases: 284
Format: numeric	Invalid: 61264
Width: 10	Minimum: 25000
Decimals: 0	Maximum: 6000000
Range: 25000-6000000	Mean: 579929.6
	Standard deviation: 819959.3

5.5 If the plot was rented, what kind of payment have you agreed on during this (s5q5)

File: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Type: Discrete	Valid cases: 8604
Format: numeric	Invalid: 52944
Width: 27	
Decimals: 0	
Range: 1-2	

5.6 If the rented plot was paid by cash, what is the amount for this season? (s5q6)

File: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Type: Continuous	Valid cases: 7140
Format: numeric	Invalid: 54408
Width: 16	Minimum: 15
Decimals: 0	Maximum: 20440000
Range: 15-20440000	Mean: 168982.1
	Standard deviation: 1143394.7

5.7 What are crops in this plot that have been chosen for production share for t (s5q7)

File: rwa-sas-SeasonB_PartV_Land Tenure

Overview

5.7 What are crops in this plot that have been chosen for production share for t (s5q7)

File: rwa-sas-SeasonB_PartV_Land Tenure

Type: Discrete	Valid cases: 640
Format: numeric	Invalid: 60908
Width: 29	
Decimals: 0	
Range: 101-999	

5.8 If the rented plot was paid by production share, what is the percentage shar (s5q8)

File: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Type: Continuous	Valid cases: 588
Format: numeric	Invalid: 60960
Width: 8	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	Mean: 50.6
	Standard deviation: 7.4

Segment weight (weight)

File: rwa-sas-SeasonB_PartV_Land Tenure

Overview

Type: Continuous	Valid cases: 61548
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 1498.6
Range: 1-1498.63977050781	Mean: 476.1
	Standard deviation: 317

1.0 Segment identification (Segment_ID)

File: rwa-sas-seasonB-Screening

Overview

Type: Continuous	Valid cases: 43411
Format: numeric	Invalid: 0
Width: 10	Minimum: 12001
Decimals: 0	Maximum: 572059
Range: 12001-572059	Mean: 369115.2
	Standard deviation: 145710

1.1 Province Name (s1q1)

File: rwa-sas-seasonB-Screening

Overview

Type: Discrete	Valid cases: 43411
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-5	

1.2 District Name (s1q2)

File: rwa-sas-seasonB-Screening

Overview

Type: Discrete	Valid cases: 43411
Format: numeric	Invalid: 0
Width: 10	
Decimals: 0	
Range: 11-57	

Segment Physical area in ha (area_ha)

File: rwa-sas-seasonB-Screening

Overview

Type: Continuous	Valid cases: 42239
Format: numeric	Invalid: 1172
Width: 10	Minimum: 9.5
Decimals: 0	Maximum: 52.9
Range: 9.4966733-52.87763	Mean: 12.8
	Standard deviation: 10.3

1.3 Stratum (Not applicable for LSF) (s1q3)

File: rwa-sas-seasonB-Screening

Overview

Type: Discrete	Valid cases: 43411
Format: numeric	Invalid: 0
Width: 32	
Decimals: 0	
Range: 10-50	

1.4 Segment (Not applicable for LSF) (s1q4)

File: rwa-sas-seasonB-Screening

Overview

Type: Continuous	Valid cases: 43411
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	Mean: 20
	Standard deviation: 18.9

1.5 Date of visting the segment/LSF(DD/MM/YYYY) (s1q5)

File: rwa-sas-seasonB-Screening

Overview

Type: Discrete	Valid cases: 42239
Format: character	Minimum: NaN
Width: 11	Maximum: NaN

1.6 Number of grids in the segment(Not applicable for LSF) (s1q6)

File: rwa-sas-seasonB-Screening

Overview

Type: Continuous	Valid cases: 43411
Format: numeric	Invalid: 0
Width: 8	Minimum: 47
Decimals: 0	Maximum: 99
Range: 47-99	Mean: 54.1
	Standard deviation: 12.5

2.1 Sampled Grid point number (s2q1)

File: rwa-sas-seasonB-Screening

Overview

Type: Discrete	Valid cases: 43411
Format: numeric	Invalid: 0
Width: 10	
Decimals: 0	
Range: 99-99	

2.2 Plot Number (PID) (s2q2)

File: rwa-sas-seasonB-Screening

Overview

Type: Continuous	Valid cases: 43411
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 25.4
	Standard deviation: 16.4

2.3 Plot size (ha) (s2q3)

File: rwa-sas-seasonB-Screening

Overview

Type: Continuous
 Format: numeric
 Width: 10
 Decimals: 0
 Range: 0.000561628956347704-2020.5162

Valid cases: 43411
 Invalid: 0
 Minimum: 0
 Maximum: 2020.5
 Mean: 0.9
 Standard deviation: 17.9

Farmer type (s2q4_1)

File: rwa-sas-seasonB-Screening

Overview

Type: Discrete
 Format: numeric
 Width: 19
 Decimals: 0
 Range: 1-2

Valid cases: 43411
 Invalid: 0

2.5 No.of Grids in the same Plot (s2q5)

File: rwa-sas-seasonB-Screening

Overview

Type: Continuous
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-999

Valid cases: 43411
 Invalid: 0
 Minimum: 1
 Maximum: 999
 Mean: 28.6
 Standard deviation: 161.7

2.6 Land Use (s2q6)

File: rwa-sas-seasonB-Screening

Overview

Type: Discrete
 Format: numeric
 Width: 21
 Decimals: 0
 Range: 96-99

Valid cases: 43411
 Invalid: 0

2.7 Non- agricultural Land Type (s2q7)

File: rwa-sas-seasonB-Screening

Overview

Type: Discrete
 Format: numeric
 Width: 23
 Decimals: 0
 Range: 1-7

Valid cases: 3238
 Invalid: 40173

2.8 Cropping System (s2q8)

File: rwa-sas-seasonB-Screening

Overview

Type: Discrete	Valid cases: 37904
Format: numeric	Invalid: 5507
Width: 8	
Decimals: 0	
Range: 1-2	

2.9 Number of main crops in the plot (s2q9)

File: rwa-sas-seasonB-Screening

Overview

Type: Discrete	Valid cases: 37905
Format: numeric	Invalid: 5506
Width: 8	
Decimals: 0	
Range: 1-5	

2.10 Crop type (s2q10)

File: rwa-sas-seasonB-Screening

Overview

Type: Discrete	Valid cases: 37481
Format: numeric	Invalid: 5930
Width: 43	
Decimals: 0	
Range: 1-3	

2.11 Crop name (s2q11)

File: rwa-sas-seasonB-Screening

Overview

Type: Discrete	Valid cases: 37905
Format: numeric	Invalid: 5506
Width: 29	
Decimals: 0	
Range: 101-520	

2.14 Is this crop for this season? (s2q14)

File: rwa-sas-seasonB-Screening

Overview

Type: Discrete	Valid cases: 37481
Format: numeric	Invalid: 5930
Width: 8	
Decimals: 0	
Range: 1-2	

2.15 Expected period for harvesting (s2q15)

File: rwa-sas-seasonB-Screening

Overview

Type: Discrete	Valid cases: 37481
Format: numeric	Invalid: 5930
Width: 18	
Decimals: 0	
Range: 1-21	

Segment. weight (weight)

File: rwa-sas-seasonB-Screening

Overview

Type: Continuous	Valid cases: 43411
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 1498.6
Range: 1-1498.63977050781	Mean: 484.8
	Standard deviation: 312.7

Crop category and major crops (CropGroup)

File: rwa-sas-seasonB-Screening

Overview

Type: Discrete	Valid cases: 37904
Format: numeric	Invalid: 5507
Width: 51	
Decimals: 0	
Range: 1-99	

crop estimated area (Crop_Area)

File: rwa-sas-seasonB-Screening

Overview

Type: Continuous	Valid cases: 43411
Format: numeric	Invalid: 0
Width: 9	Minimum: 0
Decimals: 0	Maximum: 2020.5
Range: 0.000454639171948656-2020.51623535156	Mean: 0.8
	Standard deviation: 17.4

1.0 Segment identification (Segment_ID)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 10	Minimum: 112001
Decimals: 0	Maximum: 572059
Range: 112001-572059	Mean: 346257.8
	Standard deviation: 117362

1.1 Province (s1q1)

File: rwa-sas-seasonC_Crop production

Overview

Type: Discrete	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File: rwa-sas-seasonC_Crop production

Overview

Type: Discrete	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 10	
Decimals: 0	
Range: 11-57	

1.3 Stratum (s1q3)

File: rwa-sas-seasonC_Crop production

Overview

Type: Discrete	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 35	
Decimals: 0	
Range: 11-30	

1.4 Segment (s1q4)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 59
Range: 1-59	Mean: 15.8
	Standard deviation: 12.7

1.5 Date of visting the segment/LSF(DD/MM/YYYY) (s1q5)

File: rwa-sas-seasonC_Crop production

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 1667
Width: 9	
Decimals: 0	

2.1 Plot No. (s2q1)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 25.7
	Standard deviation: 15

2.2 Plot area in ha (s2q2)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 9	Minimum: 0
Decimals: 0	Maximum: 2
Range: 0.00337200402282178-2.00171494483948	Mean: 0.1
	Standard deviation: 0.2

2.3.1 Farmer type (s2q3_1)

File: rwa-sas-seasonC_Crop production

Overview

Type: Discrete	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 18	
Decimals: 0	
Range: 1-1	

2.4 Cropping system (s2q4)

File: rwa-sas-seasonC_Crop production

Overview

Type: Discrete	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

2.5 Number of crops (s2q5)

File: rwa-sas-seasonC_Crop production

Overview

Type: Discrete	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-5	

2.6.crop_name (s2q6)

File: rwa-sas-seasonC_Crop production

Overview

Type: Discrete	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 28	
Decimals: 0	
Range: 97-519	

2.7.Developped crop area in ha (s2q7)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 9	Minimum: 0.1
Decimals: 0	Maximum: 195.8
Range: 0.0574111491441727-195.755752563477	Mean: 4.9
	Standard deviation: 9

2.8 Sowing Date (s2q8)

File: rwa-sas-seasonC_Crop production

Overview

Type: Discrete	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 18	
Decimals: 0	
Range: 1-23	

2.9 Expected period for harvesting (s2q9)

File: rwa-sas-seasonC_Crop production

Overview

Type: Discrete	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 25	
Decimals: 0	
Range: 1-21	

2.10 Types of Seeds sown (s2q10)

File: rwa-sas-seasonC_Crop production

Overview

Type: Discrete	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 30	
Decimals: 0	
Range: 1-3	

2.11.1 Traditional seed sown(Unit) (s2q11_1)

File: rwa-sas-seasonC_Crop production

Overview

Type: Discrete	Valid cases: 1458
Format: numeric	Invalid: 209
Width: 8	
Decimals: 0	
Range: 1-3	

2.11.2 Quantity of traditional seed sown (s2q11_2)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 754
Format: numeric	Invalid: 913
Width: 10	Minimum: 0.1
Decimals: 0	Maximum: 2768
Range: 0.1-2768	Mean: 74.6
	Standard deviation: 170

2.12 Quantity of traditional seeds purchased (s2q12)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 754
Format: numeric	Invalid: 913
Width: 10	Minimum: 0
Decimals: 0	Maximum: 2768
Range: 0-2768	Mean: 46.2
	Standard deviation: 153.8

2.13 Amount spent on traditional seeds(Rfw) (s2q13)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 1458
Format: numeric	Invalid: 209
Width: 10	Minimum: 0
Decimals: 0	Maximum: 4000000
Range: 0-4000000	Mean: 10694.2
	Standard deviation: 110044.6

2.14.1 Improved seeds sown(Unit) (s2q14_1)

File: rwa-sas-seasonC_Crop production

Overview

Type: Discrete	Valid cases: 214
Format: numeric	Invalid: 1453
Width: 8	
Decimals: 0	
Range: 1-3	

2.14.2 Improved seeds sown(Qty) (s2q14_2)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 178
Format: numeric	Invalid: 1489
Width: 10	Minimum: 0.5
Decimals: 0	Maximum: 1300
Range: 0.5-1300	Mean: 88.4
	Standard deviation: 153.6

2.15 Quantity of improved seeds purchased (s2q15)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 178
Format: numeric	Invalid: 1489
Width: 10	Minimum: 0
Decimals: 0	Maximum: 1300
Range: 0-1300	Mean: 88.1
	Standard deviation: 153.7

2.16 Amount spent on improved seeds(Rfw) (s2q16)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 214
Format: numeric	Invalid: 1453
Width: 10	Minimum: 0
Decimals: 0	Maximum: 832000
Range: 0-832000	Mean: 11843.5
	Standard deviation: 66354.4

2.17 Where did improved seeds sown come from? (s2q17)

File: rwa-sas-seasonC_Crop production

Overview

Type: Discrete	Valid cases: 214
Format: numeric	Invalid: 1453
Width: 32	
Decimals: 0	
Range: 1-7	

2.18.1 On average how many trees are in this plot? (s2q18_1)

File: rwa-sas-seasonC_Crop production

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 1667
Width: 12	
Decimals: 0	

2.18.2 On average how many trees have you harvested/to be harvested in this plot (s2q18_2)

File: rwa-sas-seasonC_Crop production

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 1667
Width: 12	
Decimals: 0	

2.19. Quantity already harvested in this plot (in Kg) (s2q19)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 15250
Range: 0-15250	Mean: 203.1
	Standard deviation: 745.6

2.20. Remaining quantity to be harvested in this plot (in Kg) (s2q20)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 8000
Range: 0-8000	Mean: 141.5
	Standard deviation: 399

2.21. Total quantity of harvest in this plot (in Kg) (s2q21)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 15250
Range: 0-15250	Mean: 344.6
	Standard deviation: 822.4

2.22.1 Explanation on production status (s2q22)

File: rwa-sas-seasonC_Crop production

Overview

Type: Discrete	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 43	
Decimals: 0	
Range: 1-19	

2.23 What was the quantity produced in all plots (in Kg) (s2q23)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 70000
Range: 0-70000	Mean: 822.1
	Standard deviation: 3419.9

2.24 What was the quantity processed at farm level? (s2q24)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 560
Range: 0-560	Mean: 1.5
	Standard deviation: 16.6

2.25 What was the quantity sold? (s2q25)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 60000
Range: 0-60000	Mean: 549
	Standard deviation: 3062.8

2.26 On which market this crop was sold? (s2q26)

File: rwa-sas-seasonC_Crop production

Overview

Type: Discrete	Valid cases: 1108
Format: numeric	Invalid: 559
Width: 23	
Decimals: 0	
Range: 1-7	

2.27 What was the selling price per kilogram? (RwF/Kg) (s2q27)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 1108
Format: numeric	Invalid: 559
Width: 12	Minimum: 30
Decimals: 0	Maximum: 99999
Range: 30-99999	Mean: 6831.6
	Standard deviation: 7308.3

2.28 What was the quantity used for own consumption? (s2q28)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 7800
Range: 0-7800	Mean: 174.9
	Standard deviation: 324.7

2.29 What was the quantity used as wages? (s2q29)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 4600
Range: 0-4600	Mean: 12.4
	Standard deviation: 167.8

2.30 What was the quantity used as farm rent? (s2q30)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 500
Range: 0-500	Mean: 1.3
	Standard deviation: 19.5

2.31 What was the quantity used as gift? (s2q31)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 500
Range: 0-500	Mean: 23.9
	Standard deviation: 51.5

2.32 What was the quantity exchanged for other goods? (s2q32)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	Mean: 0.1
	Standard deviation: 2.7

2.33 What was the quantity used as seeds? (s2q33)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 10000
Range: 0-10000	Mean: 45.7
	Standard deviation: 317

2.34 What was the quantity used to feed animals? (s2q34)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 1400
Range: 0-1400	Mean: 11
	Standard deviation: 56.7

2.35 What was the quantity stored? (s2q35)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 40
Range: 0-40	Mean: 0.1
	Standard deviation: 1.4

2.36 Which is the storage facility used by the household? (s2q36)

File: rwa-sas-seasonC_Crop production

Overview

Type: Discrete	Valid cases: 7
Format: numeric	Invalid: 1660
Width: 49	
Decimals: 0	
Range: 1-5	

2.37 What was the quantity lost after harvest? (s2q37)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 400
Range: 0-400	Mean: 3.2
	Standard deviation: 23.4

2.38 What was the quantity used in other forms? (s2q38)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 150
Range: 0-150	Mean: 0.4
	Standard deviation: 6

Harvested crop area in ha (Harvested_Area)

File: rwa-sas-seasonC_Crop production

Overview

Type: Continuous	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 9	Minimum: 0
Decimals: 0	Maximum: 2
Range: 0.000574111472815275-1.95755755901337	Mean: 0
	Standard deviation: 0.1

Crop category and major crops (CropGroup)

File: rwa-sas-seasonC_Crop production

Overview

Type: Discrete	Valid cases: 1667
Format: numeric	Invalid: 0
Width: 51	
Decimals: 0	
Range: 1-99	

1.0 Segment Identification (Segment_ID)

File: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 1832
Format: numeric	Invalid: 0
Width: 10	Minimum: 112001
Decimals: 0	Maximum: 572059
Range: 112001-572059	Mean: 354572.9
	Standard deviation: 114759

1.1 Province (s1q1)

File: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 1832
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 1832
Format: numeric	Invalid: 0
Width: 10	
Decimals: 0	
Range: 11-57	

1.3 Stratum (s1q3)

File: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 1832
Format: numeric	Invalid: 0
Width: 35	
Decimals: 0	
Range: 0-40	

1.4 Segment (s1q4)

File: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 1832
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 59
Range: 1-59	Mean: 15.7
	Standard deviation: 12.4

2.1 Plot number (s2q1)

File: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 1832
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 26
	Standard deviation: 15

2.2 Ptot area in sqm (s2q2)

File: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 1832
Format: numeric	Invalid: 0
Width: 10	Minimum: 33.7
Decimals: 0	Maximum: 20017.1
Range: 33.7200413341112-20017.1493135246	Mean: 1055.2
	Standard deviation: 1639.7

3.1 Have you used organic fertilizer in this plot during this season? (s3q1)

File: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 1832
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

3.2 Quantity of Organic fertilizer used (in Kg) (s3q2)

File: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 1291
Format: numeric	Invalid: 541
Width: 10	Minimum: 30
Decimals: 0	Maximum: 24000
Range: 30-24000	Mean: 575.8
	Standard deviation: 1266

3.3 Quantity of Organic fertilizer purchased (s3q3)

File: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

3.3 Quantity of Organic fertilizer purchased (s3q3)

File: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Type: Continuous	Valid cases: 1291
Format: numeric	Invalid: 541
Width: 10	Minimum: 0
Decimals: 0	Maximum: 20000
Range: 0-20000	Mean: 241
	Standard deviation: 1001.3

3.4 Cost of Organic fertilizer purchased (Rwf) (s3q4)

File: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 1291
Format: numeric	Invalid: 541
Width: 10	Minimum: 0
Decimals: 0	Maximum: 373410
Range: 0-373410	Mean: 5808.2
	Standard deviation: 22871.9

3.5 Have you used inorganic fertilizer in this plot during this season? (s3q5)

File: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 1832
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

3.6 Inorganic fertilizer type (s3q6)

File: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 785
Format: numeric	Invalid: 1047
Width: 26	
Decimals: 0	
Range: 1-9	

3.7 Unit (s3q7)

File: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 785
Format: numeric	Invalid: 1047
Width: 8	
Decimals: 0	
Range: 1-4	

3.8 Total quantity of inorganic fertilizer used (s3q8)

File: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 785
Format: numeric	Invalid: 1047
Width: 10	Minimum: 0.1
Decimals: 0	Maximum: 692
Range: 0.12-692.04	Mean: 15.4
	Standard deviation: 41.5

3.9 Quantity of inorganic fertilizer purchased (s3q9)

File: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 785
Format: numeric	Invalid: 1047
Width: 10	Minimum: 0
Decimals: 0	Maximum: 692
Range: 0-692.04	Mean: 15.4
	Standard deviation: 41.5

3.10 Unit Price(Rwf) (s3q10)

File: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 785
Format: numeric	Invalid: 1047
Width: 10	Minimum: 0
Decimals: 0	Maximum: 10500
Range: 0-10500	Mean: 577.4
	Standard deviation: 481.5

3.11 What is the main source of fertilizer used? (s3q11)

File: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 785
Format: numeric	Invalid: 1047
Width: 23	
Decimals: 0	
Range: 1-6	

3.12 What was the main crop the fertilizer was applied? (s3q12)

File: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 785
Format: numeric	Invalid: 1047
Width: 28	
Decimals: 0	
Range: 101-520	

3.13 Have you used pesticides in this plot during this season? (s3q13)

File: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 1832
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

3.14 Pesticide type (s3q14)

File: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 965
Format: numeric	Invalid: 867
Width: 15	
Decimals: 0	
Range: 1-10	

3.15 Unit (s3q15)

File: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 965
Format: numeric	Invalid: 867
Width: 8	
Decimals: 0	
Range: 1-4	

3.16 Total Quantity of pesticide used in this plot (s3q16)

File: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 965
Format: numeric	Invalid: 867
Width: 10	Minimum: 0
Decimals: 0	Maximum: 1800
Range: 0.02-1800	Mean: 97.1
	Standard deviation: 165.7

3.17 Quantity of pesticide purchased (s3q17)

File: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 965
Format: numeric	Invalid: 867
Width: 10	Minimum: 0
Decimals: 0	Maximum: 1800
Range: 0-1800	Mean: 97
	Standard deviation: 165.7

3.18 Total amount spent on quantity bought (Rwf) (s3q18)

File: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 960
Format: numeric	Invalid: 872
Width: 12	Minimum: 35
Decimals: 0	Maximum: 245813
Range: 35-245813	Mean: 4924
	Standard deviation: 11983.5

3.19 What was the main crop the pesticide was applied? (s3q19)

File: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Type: Discrete	Valid cases: 965
Format: numeric	Invalid: 867
Width: 29	
Decimals: 0	
Range: 101-520	

Segment weight (weight)

File: rwa-sas-SeasonC_PartIII_Fertilizers_Pesticides

Overview

Type: Continuous	Valid cases: 1832
Format: numeric	Invalid: 0
Width: 10	Minimum: 10
Decimals: 0	Maximum: 1018.3
Range: 9.96156420774173-1018.32945299025	Mean: 235.3
	Standard deviation: 192.1

1.0 Segment identification (Segment_ID)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Continuous	Valid cases: 1731
Format: numeric	Invalid: 0
Width: 10	Minimum: 112001
Decimals: 0	Maximum: 572059
Range: 112001-572059	Mean: 342514.5
	Standard deviation: 113439.8

2.1 Plot number (s2q1)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Continuous	Valid cases: 1731
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 26.1
	Standard deviation: 15.2

1.1 Province (s1q1)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 1731
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 1731
Format: numeric	Invalid: 0
Width: 10	
Decimals: 0	
Range: 11-57	

1.3 Stratum (s1q3)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 1731
Format: numeric	Invalid: 0
Width: 36	
Decimals: 0	
Range: 10-40	

1.4 Segment (s1q4)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Continuous	Valid cases: 1731
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 59
Range: 1-59	Mean: 15
	Standard deviation: 11.8

2.2 Ptot area in sqm (s2q2)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Continuous	Valid cases: 1731
Format: numeric	Invalid: 0
Width: 10	Minimum: 33.7
Decimals: 0	Maximum: 20017.1
Range: 33.7200413341112-20017.1493135246	Mean: 944.5
	Standard deviation: 1486.2

4.1 What is the degree of erosion on this plot? (s4q1)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 1731
Format: numeric	Invalid: 0
Width: 88	
Decimals: 0	
Range: 1-3	

4.2 Is there any anti erosion activity on this plot? (s4q2)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 1731
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

4.3 Types of anti-erosion activities existing in the plot (code) (s4q3)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 1541
Format: numeric	Invalid: 190
Width: 42	
Decimals: 0	
Range: 0-10	

4.4 Was this anti-erosion activity done during the current agricultural (s4q4)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 1541
Format: numeric	Invalid: 190
Width: 8	
Decimals: 0	
Range: 1-2	

4.5 What is the total cost of anti-erosion activity done during this season(R (s4q5)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Continuous	Valid cases: 329
Format: numeric	Invalid: 1402
Width: 10	Minimum: 0
Decimals: 0	Maximum: 36000
Range: 0-36000	Mean: 586
	Standard deviation: 2532.6

4.6 Is this plot fenced? (s4q6)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 1731
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

4.7 Was this fence done during the current agricultural season? (s4q7)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 17
Format: numeric	Invalid: 1714
Width: 8	
Decimals: 0	
Range: 1-2	

4.8 Activity cost (RWF) (s4q8)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 1
Format: numeric	Invalid: 1730
Width: 10	
Decimals: 0	
Range: 4600-4600	

4.9 Amount spent on manpower to prepare land, sowing and any other agricultural (s4q9)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Continuous	Valid cases: 1731
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 350000
Range: 0-350000	Mean: 8624.8
	Standard deviation: 23850

4.10.1 Have you used ploughing animals (oxen) during this season? (s4q10_1)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 1731
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

4.10.2 At which stage of agriculture practice did you use animal ploughing? (s4q10_2)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 0
Format: character	Invalid: 0
Width: 15	

4.10.3 Amount paid on rent of ploughing animals during this season(Rwf) (s4q10_3)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 1731
Width: 10	
Decimals: 0	

4.11.1 Have you used a ploughing tractor during this season? (s4q11_1)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

4.11.1 Have you used a ploughing tractor during this season?

(s4q11_1)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-2

Valid cases: 1731
 Invalid: 0

4.11.2 At which stage of agriculture practice did you use ploughing machine? (s4q11_2)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Discrete
 Format: numeric
 Width: 52
 Decimals: 0
 Range: 1-29

Valid cases: 0
 Invalid: 1731

4.11.3 Amount paid on rent of ploughing tractor (Rwf) (s4q11_3)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Discrete
 Format: numeric
 Width: 10
 Decimals: 0

Valid cases: 0
 Invalid: 1731

4.12.1 Have you used any other mechanical equipment during this season? (s4q12_1)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-2

Valid cases: 1731
 Invalid: 0

4.14.2 At which stage of agriculture practice did you use other mechanical? (s4q12_2)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Discrete
 Format: numeric
 Width: 34
 Decimals: 0
 Range: 1-18

Valid cases: 0
 Invalid: 1731

4.12.3 Name of other mechanical equipment used during this season (s4q12_3)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 0
Format: character	Invalid: 0
Width: 40	

4.12.4 Rent cost for the other mechanical equipment (Rwf) (s4q12_4)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 1731
Width: 10	
Decimals: 0	

4.13 Have you irrigated your plot during this season? (s4q13)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 1731
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

4.14 What is the source of water for irrigation? (s4q14)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 493
Format: numeric	Invalid: 1238
Width: 21	
Decimals: 0	
Range: 1-6	

4.15 What is main irrigation technique used on this plot? (s4q15)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 493
Format: numeric	Invalid: 1238
Width: 39	
Decimals: 0	
Range: 1-5	

4.16 What is the irrigation tool you have used? (s4q16)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

4.16 What is the irrigation tool you have used? (s4q16)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 493
Format: numeric	Invalid: 1238
Width: 55	
Decimals: 0	
Range: 1-3456	

4.17 Total cost of irrigation? (s4q17)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Continuous	Valid cases: 493
Format: numeric	Invalid: 1238
Width: 10	Minimum: 0
Decimals: 0	Maximum: 65000
Range: 0-65000	Mean: 1985.9
	Standard deviation: 7192.9

4.18 What was the main crop to irrigate? (s4q18)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Discrete	Valid cases: 493
Format: numeric	Invalid: 1238
Width: 29	
Decimals: 0	
Range: 101-555	

Segment weight (weight)

File: rwa-sas-SeasonC_PartIV_Agricultural practice

Overview

Type: Continuous	Valid cases: 1731
Format: numeric	Invalid: 0
Width: 10	Minimum: 10
Decimals: 0	Maximum: 1018.3
Range: 9.96156420774173-1018.32945299025	Mean: 226.3
	Standard deviation: 188.2

1.0 Segment identification (Segment_ID)

File: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Type: Continuous	Valid cases: 5400
Format: numeric	Invalid: 0
Width: 10	Minimum: 112001
Decimals: 0	Maximum: 572059
Range: 112001-572059	Mean: 348957.9
	Standard deviation: 115816.7

2.1 Plot number (s2q1)

File: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Type: Continuous	Valid cases: 5400
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 25.9
	Standard deviation: 15

1.1 Province (s1q1)

File: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Type: Discrete	Valid cases: 5400
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Type: Discrete	Valid cases: 5400
Format: numeric	Invalid: 0
Width: 10	
Decimals: 0	
Range: 11-57	

1.3 Stratum (s1q3)

File: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Type: Discrete	Valid cases: 5400
Format: numeric	Invalid: 0
Width: 35	
Decimals: 0	
Range: 11-40	

1.4 Segment (s1q4)

File: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Type: Continuous	Valid cases: 5400
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 59
Range: 1-59	Mean: 15.5
	Standard deviation: 12.6

2.2 Ptot area in sqm (s2q2)

File: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Type: Continuous	Valid cases: 5400
Format: numeric	Invalid: 0
Width: 10	Minimum: 33.7
Decimals: 0	Maximum: 20017.1
Range: 33.7200413341112-20017.1493135246	Mean: 947.1
	Standard deviation: 1474.2

5.1 Is this plot owned or rented? (s5q1)

File: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Type: Discrete	Valid cases: 5400
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: 1-3	

5.2 Ownership category (s5q2)

File: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Type: Discrete	Valid cases: 2680
Format: numeric	Invalid: 2720
Width: 8	
Decimals: 0	
Range: 1-4	

5.3 When has this plot been bought? (s5q3)

File: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Type: Discrete	Valid cases: 1044
Format: numeric	Invalid: 4356
Width: 16	
Decimals: 0	
Range: 1-2	

5.4 If the plot was purchased during this season or last year, what was the cost (s5q4)

File: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Type: Continuous
Format: numeric
Width: 10
Decimals: 0
Range: 50000-450000

Valid cases: 28
Invalid: 5372
Minimum: 50000
Maximum: 450000
Mean: 158571.4
Standard deviation: 136564

5.5 If the plot was rented, what kind of payment have you agreed on during this (s5q5)

File: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Type: Discrete
Format: numeric
Width: 27
Decimals: 0
Range: 1-2

Valid cases: 1644
Invalid: 3756

5.6 If the rented plot was paid by cash, what is the amount for this season? (s5q6)

File: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 150-200000

Valid cases: 1576
Invalid: 3824
Minimum: 150
Maximum: 200000
Mean: 10144.4
Standard deviation: 20661.8

5.7 What are crops in this plot that have been chosen for production share for t (s5q7)

File: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Type: Discrete
Format: numeric
Width: 29
Decimals: 0
Range: 101-999

Valid cases: 24
Invalid: 5376

5.8 If the rented plot was paid by production share, what is the percentage shar (s5q8)

File: rwa-sas-SeasonC_PartV_Land Tenure

5.8 If the rented plot was paid by production share, what is the percentage shar (s5q8)

File: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Type: Discrete	Valid cases: 22
Format: numeric	Invalid: 5378
Width: 8	
Decimals: 0	
Range: 30-50	

Segment weight (weight)

File: rwa-sas-SeasonC_PartV_Land Tenure

Overview

Type: Continuous	Valid cases: 5400
Format: numeric	Invalid: 0
Width: 10	Minimum: 10
Decimals: 0	Maximum: 1018.3
Range: 9.96156420774173-1018.32945299025	Mean: 225.5
	Standard deviation: 183.9

Segment identification (Segment_ID)

File: rwa-sas-seasonC-Screening

Overview

Type: Continuous	Valid cases: 8311
Format: numeric	Invalid: 0
Width: 10	Minimum: 112001
Decimals: 0	Maximum: 572059
Range: 112001-572059	Mean: 365217.4
	Standard deviation: 110100.3

1.1 Province Name (s1q1)

File: rwa-sas-seasonC-Screening

Overview

Type: Discrete	Valid cases: 8311
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-5	

1.2 District Name (s1q2)

File: rwa-sas-seasonC-Screening

Overview

Type: Discrete	Valid cases: 8311
Format: numeric	Invalid: 0
Width: 10	
Decimals: 0	
Range: 11-57	

1.3 Stratum (s1q3)

File: rwa-sas-seasonC-Screening

Overview

Type: Discrete	Valid cases: 8311
Format: numeric	Invalid: 0
Width: 32	
Decimals: 0	
Range: 11-50	

1.4 Segment (s1q4)

File: rwa-sas-seasonC-Screening

Overview

Type: Continuous	Valid cases: 8311
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 69
Range: 1-69	Mean: 15.8
	Standard deviation: 12.6

1.5 Date of visting the segment/LSF(DD/MM/YYYY) (s1q5)

File: rwa-sas-seasonC-Screening

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 8311
Width: 9	
Decimals: 0	

1.6 Number of Grids (s1q6)

File: rwa-sas-seasonC-Screening

Overview

Type: Continuous	Valid cases: 8311
Format: numeric	Invalid: 0
Width: 8	Minimum: 47
Decimals: 0	Maximum: 93
Range: 47-93	Mean: 50.3
	Standard deviation: 3.3

2.1 Sampled Grid point number (s2q1)

File: rwa-sas-seasonC-Screening

Overview

Type: Discrete	Valid cases: 8311
Format: numeric	Invalid: 0
Width: 9	
Decimals: 0	
Range: 99-99	

Farmer type (s2q4_1)

File: rwa-sas-seasonC-Screening

Overview

Type: Discrete	Valid cases: 8311
Format: numeric	Invalid: 0
Width: 18	
Decimals: 0	
Range: 1-1	

Segment Physical area in ha (area_ha)

File: rwa-sas-seasonC-Screening

Overview

Type: Continuous	Valid cases: 8311
Format: numeric	Invalid: 0
Width: 10	Minimum: 9.5
Decimals: 0	Maximum: 52.3
Range: 9.4971832-52.333984	Mean: 10.2
	Standard deviation: 2.5

2.2 Plot No. (s2q2)

File: rwa-sas-seasonC-Screening

Overview

Type: Continuous	Valid cases: 8311
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 25
	Standard deviation: 14.9

2.3 Plot size (m2) (s2q3)

File: rwa-sas-seasonC-Screening

Overview

Type: Continuous	Valid cases: 8311
Format: numeric	Invalid: 0
Width: 10	Minimum: 14
Decimals: 0	Maximum: 135064.1
Range: 14.0258061469343-135064.105474294	Mean: 2018.7
	Standard deviation: 8371.9

2.5 No.of Grids in the same Plot (s2q5)

File: rwa-sas-seasonC-Screening

Overview

Type: Continuous	Valid cases: 8311
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 52
Range: 1-52	Mean: 1.6
	Standard deviation: 3.7

2.6 Land Use (s2q6)

File: rwa-sas-seasonC-Screening

Overview

Type: Discrete	Valid cases: 8311
Format: numeric	Invalid: 0
Width: 21	
Decimals: 0	
Range: 96-99	

2.7 Non- agricultural Land Type (s2q7)

File: rwa-sas-seasonC-Screening

Overview

Type: Discrete	Valid cases: 761
Format: numeric	Invalid: 7550
Width: 23	
Decimals: 0	
Range: 1-7	

2.8 Cropping System (s2q8)

File: rwa-sas-seasonC-Screening

Overview

Type: Discrete	Valid cases: 5120
Format: numeric	Invalid: 3191
Width: 8	
Decimals: 0	
Range: 1-2	

2.9 Number of crops in the plot (s2q9)

File: rwa-sas-seasonC-Screening

Overview

Type: Discrete	Valid cases: 5120
Format: numeric	Invalid: 3191
Width: 8	
Decimals: 0	
Range: 1-5	

2.10 Crop type (s2q10)

File: rwa-sas-seasonC-Screening

Overview

Type: Discrete	Valid cases: 5066
Format: numeric	Invalid: 3245
Width: 43	
Decimals: 0	
Range: 1-3	

2.11. Crop code1 (s2q11)

File: rwa-sas-seasonC-Screening

Overview

Type: Discrete	Valid cases: 5120
Format: numeric	Invalid: 3191
Width: 28	
Decimals: 0	
Range: 97-520	

2.14.1 Is this crop for this season? (s2q14)

File: rwa-sas-seasonC-Screening

Overview

Type: Discrete	Valid cases: 5066
Format: numeric	Invalid: 3245
Width: 8	
Decimals: 0	
Range: 1-2	

2.15.1 Expected period for harvesting (s2q15)

File: rwa-sas-seasonC-Screening

Overview

Type: Discrete	Valid cases: 5066
Format: numeric	Invalid: 3245
Width: 18	
Decimals: 0	
Range: 1-21	

Weight (Weight)

File: rwa-sas-seasonC-Screening

Overview

Type: Continuous	Valid cases: 8303
Format: numeric	Invalid: 8
Width: 10	Minimum: 1
Decimals: 0	Maximum: 1018.3
Range: 0.966560360794515-1018.32945299025	Mean: 288.2
	Standard deviation: 249.1

Estimated crop area (Crop_Area)

File: rwa-sas-seasonC-Screening

Overview

Type: Continuous	Valid cases: 5068
Format: numeric	Invalid: 3243
Width: 9	Minimum: 0
Decimals: 0	Maximum: 11.5
Range: 0.000574111472815275-11.4659261703491	Mean: 0.1
	Standard deviation: 0.2

Crop category and major crops (CropGroup)

File: rwa-sas-seasonC-Screening

Overview

Type: Discrete	Valid cases: 5120
Format: numeric	Invalid: 3191
Width: 51	
Decimals: 0	
Range: 1-99	

Documentation

Questionnaires

Seasonal Agriculture Survey Plot Questionnaire 2018

Title Seasonal Agriculture Survey Plot Questionnaire 2018
 Author(s) NISR
 Country Rwanda
 Language English
 Description This is the plot questionnaire for SAS 2018.
 Filename q-rwa-nisr-sas-2018-plot-eng.docx

Seasonal Agriculture Survey Screening Questionnaire 2018

Title Seasonal Agriculture Survey Screening Questionnaire 2018
 Author(s) National Institute of Statistics of Rwanda
 Country Rwanda
 Language English
 Description This is the screening questionnaire for SAS 2018
 Filename q-rwa-nisr-sas-2018-screening-eng.docx

Reports

Rwanda Seasonal Agriculture Survey Report 2018

Title Rwanda Seasonal Agriculture Survey Report 2018
 Author(s) National Institute of Statistics of Rwanda (NISR)
 Date 2019-02-04
 Country Rwanda
 Language English
 Publisher(s) National Institute of Statistics of Rwanda
 Description This is the final report for RwandaSeasonal Agriculture Survey 2018
 Filename rwa-nisr-sas-2018-annual-report-final.pdf

SAS 2018 _Annual report _Final

Title SAS 2018 _Annual report _Final
 Author(s) National Institute of Statistics of Rwanda
 Country Rwanda
 Language English
 Filename SAS 2018 _Annual report _Final.pdf
