

Rwanda - Rwanda Seasonal Agriculture Survey 2017

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

Report generated on: February 14, 2019

Visit our data catalog at: <http://microdata.statistics.gov.rw/index.php>

Overview

Identification

ID NUMBER
RWA-NISR-RSAS-2017-V0.1

Version

VERSION DESCRIPTION
Version 0.1 Edited anonymized dataset for public use

PRODUCTION DATE
2019-02-13

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 2016 to October 2017 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 2017 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 2017 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

GEOGRAPHIC UNIT
RSAS2017 data is disaggregated up to the district level.

UNIVERSE

The RSAS 2017 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 Natural Resources Authority	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

2019-02-13

DDI DOCUMENT VERSION

Version 0.1 (February 2019).

DDI DOCUMENT ID

ddi-rwa-nisr-rsas-2017-V0.1

Sampling

Sampling Procedure

In order to provide the basis for conducting sample surveys based on complete coverage of the farm level, and as a better way of collecting agricultural data and finding better precise survey estimates, upgraded seasonal agricultural survey (USAS) 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 area frame design, the selection process was a two-stage process which begins with the first stage at the district level with every agriculture stratum (1.1, 2.0 and 3.0) divided into PSUs of 100 Ha (in strata 1.1 and 2.0) and 500 ha (in stratum 3.0). The strata are broken into PSUs following visible boundaries and each PSU is given a unique PSU identity number. Based on the sample allocation to each district stratum the first-stage of the sample selection process uses a probability proportional to size (PPS) sampling method to select the number of PSUs equal to each stratum.

Then each of the selected PSUs is divided into secondary sampling units (SSUs) of approximately 10 ha for strata 1.1 and 2.0 and approximately 50 ha for stratum 3.0, and then randomly one SSU is selected from each sampled PSU and each is called a sample segment. A total number of 960 segments were selected countrywide using random sampling and the sample covers all 30 districts to ensure a representative sample at district level.

Finally, selected segment is subdivided into 1000 grid squares of 100 square meters each. To identify the plots/farms within the segment to be enumerated, a random sample of 5% grid squares was selected in each sample segment resulting in a nationwide point-sample total of 51,390 grid squares. A total number of 201 large scale farmers was identified and enumerated to complement area frame methodology.

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
2016-12-08	2017-02-15	Season A
2017-04-24	2017-07-02	Season B
2017-09-21	2017-10-30	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 2017 USAS used 180 fieldworkers grouped in 33 field teams and 30 team leaders. All fieldwork staff in 2017 held a degree in Agricultural Sciences and were trained by NISR headquarter staff before starting data collection. Higher level supervision of staff from NISR visited the field teams during each phase of data collection to ensure data quality control.

At the bottom of the hierarchy, there are enumerators who would be assisted by a team leader also known as a controller. His/ her main function is to introduce the enumerators to the various key people from the sector to the villages leaders up to

operators in the Secondary Sampling Unit (known as Segment), and assist enumerators during the whole course of the survey .

A higher level supervision staff from NISR visited the field teams during each phase of data collection to ensure quality control.

Responsibilities of a Team Leader is to manage the interviewers to ensure successful completion and quality of data collected in a given time period for the fieldwork.

He/she was expected to record information about the fieldwork , which 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.

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 and reporting using STATA and Excel software.

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

SeasonA_2017_LSF_Antierosion

Content	This file contains data on soil erosion control measures. These data have been collected on large scale farmers (LSF). The file is related to plot questionnaire, part IV.
Cases	889
Variable(s)	10
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V737	LSF_ID	Large scale farmer identification	contin	numeric	
V738	s1q1	1.1.Province	discrete	numeric	
V739	s1q2	1.2.District	discrete	numeric	
V740	s2q1	2.1.Plot No	contin	numeric	
V741	s2q2	2.2.Plot area(m2)	contin	numeric	
V742	s4q1	4.1.What is the degree of erosion on this plot?	discrete	numeric	
V743	s4q2	4.2.Is there any anti-erosion activity on this plot?	discrete	numeric	
V744	s4q3	4.3.Types of anti-erosion activities existing in the plot?	discrete	numeric	
V745	s4q4	4.4.Was this anti-erosion activity done during the current agricultural season?	discrete	numeric	
V746	s4q5	4.5.What is the total cost of anti erosion ectivity done during this season(Rwf)	contin	numeric	

SeasonA_2017_LSF_Crop production

Content	This file contains data on crops planted, type of seeds sown and production of crop grown in the plot. These data have been collected on large scale farmers (LSF). This data file is related to plot questionnaire, part II.
Cases	744
Variable(s)	30
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V747	LSF_ID	Large scale farmer identification	contin	numeric	
V748	s1q1	1.1 Province	discrete	numeric	
V749	s1q2	1.2 District	discrete	numeric	
V750	s2q1	2.1.Plot number	contin	numeric	
V751	s2q2	2.2 Plot area in square meters	contin	numeric	
V752	s2q4	2.4 Cropping system in the plot	discrete	numeric	
V753	s2q5	2.5 Number of main crops in the plot	discrete	numeric	
V754	s2q6	2.6.Crop name	discrete	numeric	
V755	s2q7	2.7.crop area in square meters	contin	numeric	
V756	s2q8	2.8.Number of trees in case of plantation	contin	numeric	
V757	s2q9	2.9.Number of trees susceptible to produce in six months	contin	numeric	
V758	s2q10	2.10.Sowing date	discrete	numeric	
V759	s2q11	2.11.Harvesting date	discrete	numeric	
V760	s2q12	2.12.Type of seeds sown	discrete	numeric	
V761	s2q13_1	2.13.1.Quantity of traditional seeds sown : Unity	discrete	numeric	
V762	s2q13_2	2.13.2.Quantity of traditional seeds sown : Quantity	contin	numeric	
V763	s2q14	2.14.Quantity of traditional seeds purchased	contin	numeric	
V764	s2q15	2.15.Amount for the purchased of traditional seeds(Rwf)	contin	numeric	
V765	s2q16_1	2.16.1.Quantity of improved seeds sown : Unity	discrete	numeric	
V766	s2q16_2	2.16.2.Quantity of improved seeds sown : Quantity	contin	numeric	
V767	s2q17	2.17.Quantity of improved seeds purchased	contin	numeric	
V768	s2q18	2.18.Amount spent for the purchase of improved seeds(Rwf)	contin	numeric	
V769	s2q19	2.19.Where did improved seeds sown come from ?	discrete	numeric	
V770	s2q20	2.20.Quantity already haversted (in Kg)	contin	numeric	
V771	s2q21	2.21.Remaining quantity to be haversted	contin	numeric	
V772	s2q22	2.22.Total quantity of the havest	contin	numeric	

ID	Name	Label	Type	Format	Question
V773	s2q23	2.23 Explanation on production status	discrete	numeric	
V774	s2q24	2.24 Have you sold any quantity of your produce of this crop	discrete	numeric	
V775	s2q25	2.25 What was the farm gate price of this crop?	contin	numeric	
V776	crop_group	Crop category based on major crop grown in rwanda	discrete	numeric	

SeasonA_2017_LSF_Fertilizers

Content	This file contains data on use of organic and inorganic fertilizers. These data have been collected on large scale farmers (LSF). This data file is related to plot questionnaire, part III.
Cases	1423
Variable(s)	17
Structure	Type: Keys: ()
Version	v0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V777	LSF_ID	Large scale farmer identification	contin	numeric	
V778	s1q1	1.1.Province	discrete	numeric	
V779	s1q2	1.2.District	discrete	numeric	
V780	s2q1	2.1.Plot number	contin	numeric	
V781	s2q2	2.2.Plot area(m2)	contin	numeric	
V782	s3q1	3.1.Have you used organic fertilizer in this plot during this season?	discrete	numeric	
V783	s3q2	3.2.Quantity of organic fertilizer used (in kg)	contin	numeric	
V784	s3q3	3.3.Quantity of organic fertilize purchased (in kg)	contin	numeric	
V785	s3q4	3.4.Cost of organic fertilizer purchased(Rwf)	contin	numeric	
V786	s3q5	3.5.Have you used inorganic fertilizer in this plot during this season?	discrete	numeric	
V787	s3q6	3.6.Inorganic fertilzer type	discrete	numeric	
V788	s3q7	3.7.Inorganic fertilzer unit	discrete	numeric	
V789	s3q8	3.8.Inorganic fertilzer total quantity used	contin	numeric	
V790	s3q9	3.9.Inorganic fertilzer quantity purchased	contin	numeric	
V791	s3q10	3.10.Inorganic fertilzer unit price	contin	numeric	
V792	s3q11	3.11.What is the main source of inorganic fertilizer used?	discrete	numeric	
V793	s3q12	3.12.What was the main crop the Inorganic fertilzer was applied?	discrete	numeric	

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Content	This file contains data on Irrigation, Soil preparation and land tenure. These data have been collected on large scale farmers (LSF). This data file is related to plot questionnaire, part IV.
Cases	806
Variable(s)	36
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V794	LSF_ID	Large scale farmer identification	contin	numeric	
V795	s1q1	1.1.Province	discrete	numeric	
V796	s1q2	1.2.District	discrete	numeric	
V797	s2q1	2.1.Plot number	contin	numeric	
V798	s2q2	2.2.Plot area(m2)	contin	numeric	
V799	s4q17	4.17.Has this plot been irrigated during this season?	discrete	numeric	
V800	s4q18	4.18.What is the source of water for irrigation?	discrete	numeric	
V801	s4q19	4.19.What is irrigation techniques used on this plot?	discrete	numeric	
V802	s4q20	4.20.What is the cost of hired labor used for irrigation technique?	contin	numeric	
V803	s4q21	4.21.What was the main crop being irrigated	discrete	numeric	
V804	s4q6	4.6.Is this plot fenced?	discrete	numeric	
V805	s4q7	4.7.Was this plot fence done during the current agricultural season?	discrete	numeric	
V806	s4q8	4.8.Activity cost	contin	numeric	
V807	s4q9	4.9.Amount spent on hired labor used to prepare land,sowing and any other agricu	contin	numeric	
V808	s4q10	4.10.Have you used ploughing animals(oxen)during this season?	discrete	numeric	
V809	s4q11	4.11.Amount paid on rent of ploughing animals during this season(Rwf)	discrete	numeric	
V810	s4q12	4.12.Have you used a ploughing tractor during this season?	discrete	numeric	
V811	s4q13	4.13.Amount paid on rent of ploudhing tractor (Rwf)	contin	numeric	
V812	s4q14	4.14.Have you used any other other mechanical equipment during this season?	discrete	numeric	
V813	s4q15	4.15.Name of other mechanical equipment used during this season	discrete	character	
V814	s4q16	4.16.Rent cost for the other mechanical equipment(Rwf)	discrete	numeric	
V815	s5q1	5.1.Is this plot owned or rented?	discrete	numeric	
V816	s5q2	5.2.Ownership category	discrete	numeric	
V817	s5q3	5.3.When has this plot been brought?	discrete	numeric	

ID	Name	Label	Type	Format	Question
V818	s5q4	5.4.If the plot was purchased during this season or last year,what was the cost?	discrete	numeric	
V819	s5q5	5.5.If the plot was rented, what kind of payment have you agreed on during this	discrete	numeric	
V820	s5q6	5.6.If the rented plot was paid by cash, what is the amount for this season?	contin	numeric	
V821	s5q7_1	5.7.1.What are crops in this plot that have been chosen for production share for	discrete	numeric	
V822	s5q8_1	5.8.1.If the rented plot was paid by production share,what is the percentage sha	discrete	numeric	
V823	s5q7_2	5.7.2.What are crops in this plot that have been chosen for production share for	discrete	numeric	
V824	s5q8_2	5.8.2.If the rented plot was paid by production share, what is the percentage sh	discrete	numeric	
V825	s5q7_3	5.7.3.What are crops in this plot that have been chosen for production share for	discrete	numeric	
V826	s5q8_3	5.8.3.If the rented plot was paid by production share, what is the percentage sh	discrete	numeric	
V827	s5q7_4	5.7.4.What are crops in this plot that have been chosen for production share for	discrete	numeric	
V828	s5q8_4	5.8.4.If the rented plot was paid by production share, what is the percentage sh	discrete	numeric	
V829	crop_group	Crop category for major crops grown in Rwanda	discrete	numeric	

SeasonA_2017_LSF_Pesticides

Content	This file contains data on use of pesticides. These data have been collected on large scale farmers (LSF). This data file is related to plot questionnaire, part III.
Cases	1282
Variable(s)	11
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V830	LSF_ID	Large scale farmer identification	contin	numeric	
V831	s1q1	1.1 Province	discrete	numeric	
V832	s1q2	1.2 District	discrete	numeric	
V833	s2q1	2.1.Plot number	contin	numeric	
V834	s2q2	2.2.Plot area(m2)	contin	numeric	
V835	s3q13	3.13.Have you used pesticide in this plot during this season	discrete	numeric	
V836	s3q14	3.14.Pesticide type	discrete	numeric	
V837	s3q15	3.15.Pesticde unit	discrete	numeric	
V838	s3q16	3.16.Pesticde: Total quantity used	contin	numeric	
V839	s3q17	3.17.Pesticde: Quantity purchased	contin	numeric	
V840	s3q18	3.18.Pesticde: Total amount spent on quantity purchased(Rwf)?	contin	numeric	

SeasonA_2017_LSF_Screening

Content	This file contains data on plot land use, cropping system, crop planted, crop area and sample weight. These data have been collected on large scale farmers (LSF). This data file is related to screening questionnaire, part I and II.
Cases	3253
Variable(s)	18
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V841	LSF_ID	1.0 Large scale farmer identification	contin	numeric	
V842	s1q1	1.1.Province	discrete	numeric	
V843	s1q2	1.2.District	discrete	numeric	
V844	s2q2	2.2.Plot number	contin	numeric	
V845	s2q3	2.3 Plot size(square meters)	contin	numeric	
V846	s2q6	2.6.plot land use	discrete	numeric	
V847	s2q7	2.7.Non-agricultural land type	discrete	numeric	
V848	s2q8	2.8.Cropping system	discrete	numeric	
V849	s2q9	2.9 Number of main crops in the plot	discrete	numeric	
V850	s2q10	2.10.Crop type	discrete	numeric	
V851	s2q11	2.11.Crop name	discrete	numeric	
V852	s2q12_1	2.12.1.Crop proportion (in %)	contin	numeric	
V853	s2q12_2	2.12.2.Crop proportion code	discrete	numeric	
V854	s2q13	2.13.Number of trees in case of plantation of perennial crops	contin	numeric	
V855	s2q14	2.14 Number of trees susceptible to produce in these six months	contin	numeric	
V856	s2q15	2.15.Is this crop for this season ?	discrete	numeric	
V857	s2q16	2.16.What is the expected period of haversing for this crop	discrete	numeric	
V858	crop_category	Crop category based on major crops grown in Rwanda	discrete	numeric	

SeasonA_2017_SSF_Antierosion

Content	This file contains data on soil erosion control measures. These data have been collected on small scale farmers (SSF). This data file is related to plot questionnaire, part IV.
Cases	15191
Variable(s)	12
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V859	s1q0	1.0 Segment ID number	contin	numeric	
V860	s1q1	1.1.Province	discrete	numeric	
V861	s1q2	1.2.District	discrete	numeric	
V862	s1q3	1.3.Stratum	discrete	numeric	
V863	s1q4	1.4 Segment number	contin	numeric	
V864	s2q1	2.1.Plot No	contin	numeric	
V865	s2q2	2.2.Plot area(sqm)	contin	numeric	
V866	s4q1	4.1.What is the degree of erosion on this plot?	discrete	numeric	
V867	s4q2	4.2.Is there any anti-erosion activity on this plot?	discrete	numeric	
V868	s4q3	4.3.Types of anti-erosion activities existing in the plot?	discrete	numeric	
V869	s4q4	4.4.Was this anti-erosion activity done during the current agricultural season?	discrete	numeric	
V870	s4q5	4.5.What is the total cost of anti erosion ectivity done during this season(Rwf)	contin	numeric	

SeasonA_2017_SSF_Crop production

Content	This file contains data on crops planted, type of seeds sown and production of crop grown in the plot. These data have been collected on small scale farmers (SSF). This data file is related to plot questionnaire, part I and II.
Cases	27740
Variable(s)	32
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V871	s1q0	1.0 Segment ID number	contin	numeric	
V872	s1q1	1.1 Province	discrete	numeric	
V873	s1q2	1.2 District	discrete	numeric	
V874	s1q3	1.3 Stratum	discrete	numeric	
V875	s1q4	1.4 Segment number	contin	numeric	
V876	s2q1	2.1 Plot number	contin	numeric	
V877	s2q2	2.2 Plot area in square meters	contin	numeric	
V878	s2q4	2.4 Cropping system in the plot	discrete	numeric	
V879	s2q5	2.5 Number of main crops in the plot	discrete	numeric	
V880	s2q6	2.6 Crop name	discrete	numeric	
V881	s2q7	2.7.crop area in square meters	contin	numeric	
V882	s2q8	2.8 Number of trees in case of plantation	contin	numeric	
V883	s2q9	2.9 Number of trees susceptible to produce in six months	contin	numeric	
V884	s2q10	2.10 Sowing date	discrete	numeric	
V885	s2q11	2.11 Harvesting date	discrete	numeric	
V886	s2q12	2.12.Type of seeds sown	discrete	numeric	
V887	s2q13_1	2.13.1.Quantity of traditional seeds sown : Unity	discrete	numeric	
V888	s2q13_2	2.13.2.Quantity of traditional seeds sown : Quantity	contin	numeric	
V889	s2q14	2.14.Quantity of traditional seeds purchased	contin	numeric	
V890	s2q15	2.15.Amount spent for the purchase of traditional seeds(Rwf)	contin	numeric	
V891	s2q16_1	2.16.1.Quantity of improved seeds sown : Unity	discrete	numeric	
V892	s2q16_2	2.16.2.Quantity of improved seeds sown : Quantity	contin	numeric	
V893	s2q17	2.17.Quantity of improved seeds purchased	contin	numeric	
V894	s2q18	2.18.Amount spent for the purchase of improved seeds(Rwf)	contin	numeric	
V895	s2q19	2.19.Where did improved seeds sown come from ?	discrete	numeric	
V896	s2q20	2.20 Quantity already harvested in(kg)	contin	numeric	

ID	Name	Label	Type	Format	Question
V897	s2q21	2.21 Remaining quantity to be harvested (in kg)	contin	numeric	
V898	s2q22	2.22 Total quantity of harvest (in kg)	contin	numeric	
V899	s2q23	2.23 Explanation on production status	discrete	numeric	
V900	s2q24	2.24 Have you sold any quantity of your produce of this crop	discrete	numeric	
V901	s2q25	2.25 What was the farm gate price of this crop?	contin	numeric	
V902	crop_group	Crop category based on major crop grown in rwanda	discrete	numeric	

SeasonA_2017_SSF_Fertilizers

Content	This file contains data on use of organic and inorganic fertilizers. These data have been collected on small scale farmers (SSF). This data file is related to plot questionnaire, part I and III.
Cases	14855
Variable(s)	19
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V903	s1q0	1.0 Segment ID number	contin	numeric	
V904	s1q1	1.1 Province	discrete	numeric	
V905	s1q2	1.2 District	discrete	numeric	
V906	s1q3	1.3 Stratum	discrete	numeric	
V907	s1q4	1.4 Segment number	contin	numeric	
V908	s2q1	2.1 Plot number	contin	numeric	
V909	s2q2	2.2.Plot area(sqm)	contin	numeric	
V910	s3q1	3.1 Have you used organic fertilizer in this plot during this season?	discrete	numeric	
V911	s3q2	3.2 Quantity of organic fertilizer used (in kg)	contin	numeric	
V912	s3q3	3.3 Quantity of organic fertilizer purchased (in kg)	contin	numeric	
V913	s3q4	3.4 Cost of organic fertilizer purchased (Rwf)	contin	numeric	
V914	s3q5	6.4 Have you used inorganic fertilizer in this plot during this season?	discrete	numeric	
V915	s3q6	3.6 Inorganic fertilizer (Type)	discrete	numeric	
V916	s3q7	3.7 Inorganic fertilizer (Unity)	discrete	numeric	
V917	s3q8	3.8 Total quantity of inorganic fertilizer used	contin	numeric	
V918	s3q9	3.9 Inorganic fertilizer (Qty purchased)	contin	numeric	
V919	s3q10	3.10 Inorganic fertilizer purchased (unity price/Rwf)	contin	numeric	
V920	s3q11	3.11 What is the main source of inorganic fertilizer used?	discrete	numeric	
V921	s3q12	3.12 What was the main crop the inorganic fertilizer was applied?	discrete	numeric	

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Content	This file contains data on Irrigation, Soil preparation and land tenure. These data have been collected on small scale farmers (SSF). This data file is related to plot questionnaire, part IV.
Cases	13325
Variable(s)	38
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V922	s1q0	1.0 Segment ID number	contin	numeric	
V923	s1q1	1.1.Province	discrete	numeric	
V924	s1q2	1.2.District	discrete	numeric	
V925	s1q3	1.3.Stratum	discrete	numeric	
V926	s1q4	1.4 Segment number	contin	numeric	
V927	s2q1	2.1.Plot number	contin	numeric	
V928	s2q2	2.2.Plot area(sqm)	contin	numeric	
V929	s4q17	4.17.Has this plot been irrigated during this season?	discrete	numeric	
V930	s4q18	4.18.What is the source of water for irrigation?	discrete	numeric	
V931	s4q19	4.19.What is irrigation techniques used on this plot?	discrete	numeric	
V932	s4q20	4.20.What is the cost of hired labor used for irrigation technique?	contin	numeric	
V933	s4q21	4.21.What was the main crop being irrigated	discrete	numeric	
V934	s4q6	4.6.Is this plot fenced?	discrete	numeric	
V935	s4q7	4.7.Was this fence done during the current agricultural season?	discrete	numeric	
V936	s4q8	4.8 Cost of fencing (Rwf)	contin	numeric	
V937	s4q9	4.9.Amount spent on hired labor to prepare land,sowing and any other activity	contin	numeric	
V938	s4q10	4.10.Have you used ploughing animals(oxen)during this season?	discrete	numeric	
V939	s4q11	4.11.Amount paid on rent of ploughing animals during this season(Rwf)	discrete	numeric	
V940	s4q12	4.12.Have you used a ploughing tractor during this season?	discrete	numeric	
V941	s4q13	4.13.Amount paid on rent of ploudhing tractor (Rwf)	contin	numeric	
V942	s4q14	4.14.HAVE you used any other other mechanical equipment during this season?	discrete	numeric	
V943	s4q15	4.15.Name of other mechanical equipment used during this season	discrete	character	
V944	s4q16	4.16.Rent cost for the other mechanical equipment(Rwf)	discrete	numeric	
V945	s5q1	5.1.Is this plot owned or rented?	discrete	numeric	
V946	s5q2	5.2.Ownership category	discrete	numeric	

ID	Name	Label	Type	Format	Question
V947	s5q3	5.3.When has this plot been brought?	discrete	numeric	
V948	s5q4	5.4.If the plot was purchased during this season or last year,what was the cost?	contin	numeric	
V949	s5q5	5.5.If the plot was rented, what kind of payment have you agreed on during this	discrete	numeric	
V950	s5q6	5.6.If the rented plot was paid by cash, what is the amount for this season?	contin	numeric	
V951	s5q7_1	5.7.1.What are crops in this plot that have been chosen for production share for	discrete	numeric	
V952	s5q8_1	5.8.1.If the rented plot was paid by production share,what is the percentage sha	contin	numeric	
V953	s5q7_2	5.7.2.What are crops in this plot that have been chosen for production share for	discrete	numeric	
V954	s5q8_2	5.8.2.If the rented plot was paid by production share, what is the percentage sh	contin	numeric	
V955	s5q7_3	5.7.3.What are crops in this plot that have been chosen for production share for	discrete	numeric	
V956	s5q8_3	5.8.3.If the rented plot was paid by production share, what is the percentage sh	discrete	numeric	
V957	s5q7_4	5.7.4.What are crops in this plot that have been chosen for production share for	discrete	numeric	
V958	s5q8_4	5.8.4.If the rented plot was paid by production share, what is the percentage sh	discrete	numeric	
V959	crop_group	Crop category for major crops grown in Rwanda	discrete	numeric	

SeasonA_2017_SSF_Pesticides

Content	This file contains data on use of pesticides. These data have been collected on small scale farmers (SSF). This data file is related to plot questionnaire, part III.
Cases	13828
Variable(s)	12
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V960	s1q0	Segment identification	contin	numeric	
V961	s1q1	1.1.Province	discrete	numeric	
V962	s1q2	1.2.District	discrete	numeric	
V963	s1q3	1.3.Stratum	discrete	numeric	
V964	s2q1	2.1.Plot number	contin	numeric	
V965	s2q2	2.2.Plot area(sqm)	contin	numeric	
V966	s3q13	3.13.Have you used pesticide in this plot during this season	discrete	numeric	
V967	s3q14	3.14.Pesticide type	discrete	numeric	
V968	s3q15	3.15.Pesticide unit	discrete	numeric	
V969	s3q16	3.16.Pesticide: Total quantity used	contin	numeric	
V970	s3q17	3.17.Pesticide: Quantity purchased	contin	numeric	
V971	s3q18	3.18.Total amount spent on quantity of pesticide purchased(Rwf)	contin	numeric	

SeasonA_2017_SSF_Screening

Content	This file contains data on plot land use, cropping system, crop planted, crop area and sample. These data have been collected on small scale farmers (SSF). This data file is related to screening questionnaire, part I and II.
Cases	68212
Variable(s)	27
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V972	s1q0	1.0 Segment ID number	contin	numeric	
V973	s1q1	1.1 Province Name	discrete	numeric	
V974	s1q2	1.2 District Name	discrete	numeric	
V975	s1q3	1.3 Stratum	discrete	numeric	
V976	s1q4	1.4 Segment number	contin	numeric	
V977	s1q5	1.5 Date of visiting the segment (Date-Month-Year)	contin	numeric	
V978	s1q8	1.8 Number of grids in the segment	contin	numeric	
V979	s2q1	2.1 Sampled Grid point number	discrete	numeric	
V980	s2q2	2.2 Plot Number	contin	numeric	
V981	s2q3	2.3 Plot size(square meters)	contin	numeric	
V982	s2q5	2.5 Number of grids in the same plot	contin	numeric	
V983	s2q6	2.6 Plot land use	discrete	numeric	
V984	s2q7	2.7 Non-agricultural land type	discrete	numeric	
V985	s2q8	2.8 Cropping system	discrete	numeric	
V986	s2q9	2.9 Number of main crops in the plot	discrete	numeric	
V987	s2q10	2.10 Crop type/Seasonal or perenial crop	discrete	numeric	
V988	s2q11	2.11 Crop name	discrete	numeric	
V989	s2q12_1	2.12.1 Crop proportion in (%)	contin	numeric	
V990	s2q12_2	2.12.2 Crop proportion in (range)	discrete	numeric	
V991	s2q13	2.13 Number of trees in case of plantation of perennial crops	contin	numeric	
V992	s2q14	2.14 Number of trees susceptible to produce in these six months	contin	numeric	
V993	s2q15	2.15 Is this crop for this season ?	discrete	numeric	
V994	s2q16	2.16 What is the expected period of harvesting for this crop?	discrete	numeric	
V995	crop_category	Crop category based on major crops grown in Rwanda	discrete	numeric	
V996	WH_Sgt	Segment weight	contin	numeric	
V997	WH_Plot	Plot weight	contin	numeric	

ID	Name	Label	Type	Format	Question
V998	Sgt_size	total segment size in ha	contin	numeric	

SeasonB_2017_LSF_Antierosion

Content	This file contains data on soil erosion control measures. These data have been collected on large scale farmers (LSF). This data file is related to plot questionnaire, part IV.
Cases	1204
Variable(s)	10
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V999	LSF_ID	Larger scale farmer's Identification	contin	numeric	
V1000	s1q1	1.1 Province	discrete	numeric	
V1001	s1q2	1.2 District	discrete	numeric	
V1002	s2q1	2.1 Plot number	contin	numeric	
V1003	s2q2	2.2 Plot size in (m2)	contin	numeric	
V1004	s4q1	4.1 What is the degree of erosion on this plot?	discrete	numeric	
V1005	s4q2	4.2 Is there any anti erosion activity on this plot?	discrete	numeric	
V1006	s4q3	Types of anti erosion activities existing in the plot	discrete	numeric	
V1007	s4q4	Was this anti-erosion activity done in this season?	discrete	numeric	
V1008	s4q5	What is the total cost of this anti-erosion activity in this season?	contin	numeric	

SeasonB_2017_LSF_Crop production

Content	This file contains data on crops planted, type of seeds sown and production of crop grown in the plot. These data have been collected on large scale farmers (LSF). This data file is related to plot questionnaire, part II.
Cases	1591
Variable(s)	30
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V1009	LSF_ID	Larger scale farmer's Identification	contin	numeric	
V1010	s1q1	1.1 Province	discrete	numeric	
V1011	s1q2	1.2 District	discrete	numeric	
V1012	s2q1	2.1 Plot number	contin	numeric	
V1013	s2q2	2.2 Plot area in square meters	contin	numeric	
V1014	s2q4	2.4 Cropping system in the plot	discrete	numeric	
V1015	s2q5	2.5 Number of main crops in the plot	discrete	numeric	
V1016	s2q6	2.6 Crop name	discrete	numeric	
V1017	s2q7	2.7.crop area in square meters	contin	numeric	
V1018	s2q8	2.8 Number of trees in case of plantation	contin	numeric	
V1019	s2q9	2.9 Number of trees susceptible to produce in six months	contin	numeric	
V1020	s2q10	2.10 Sowing date	discrete	numeric	
V1021	s2q11	2.11 Expected period of harvesting	discrete	numeric	
V1022	s2q12	2.12 Type of seeds sown	discrete	numeric	
V1023	s2q13_1	2.13.1 Quantity of traditional seeds sown (unit)	discrete	numeric	
V1024	s2q13_2	2.13.2 Quantity of traditional seeds sown (quantity)	contin	numeric	
V1025	s2q14	2.14 Quantity of traditional seeds purchased	contin	numeric	
V1026	s2q15	2.15 Amount spent for the purchase of traditional seeds(Rwf)	contin	numeric	
V1027	s2q16_1	2.16.2 Quantity of improved seeds sown (unity)	discrete	numeric	
V1028	s2q16_2	2.16.2 Quantity of improved seeds sown (quantity)	contin	numeric	
V1029	s2q17	2.17 Quantity of improved seeds purchased	contin	numeric	
V1030	s2q18	2.18 Amount spent for the purchase of improved seeds	contin	numeric	
V1031	s2q19	2.19 Where did improved seeds sown come from ?	discrete	numeric	
V1032	s2q20	2.20 Quantity already harvested (in Kg)	contin	numeric	
V1033	s2q21	2.21 Remaining quantity to be harvested (in kg)	contin	numeric	
V1034	s2q22	2.22 Total quantity of harvest (in kg)	contin	numeric	

ID	Name	Label	Type	Format	Question
V1035	s2q23	q.2.23 Explanation on production status	discrete	numeric	
V1036	s2q24	2.24 Have you sold any quantity of your produce of this crop during this season?	discrete	numeric	
V1037	s2q25	2.25 What was the farm gate price of this crop? (frw/Kg)	contin	numeric	
V1038	crop_group	Crop category for major crops grown in Rwanda	discrete	numeric	

SeasonB_2017_LSF_Fertilizers

Content	This file contains data on use of organic and inorganic fertilizers. These data have been collected on large scale farmers (LSF). This data file is related to plot questionnaire, part III.
Cases	1248
Variable(s)	17
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V1039	LSF_ID	Larger scale farmer's Identification	contin	numeric	
V1040	s1q1	1.1 Province	discrete	numeric	
V1041	s1q2	1.2 District	discrete	numeric	
V1042	s2q1	2.1 Plot number	contin	numeric	
V1043	s2q2	2.2 Plot size in (m2)	contin	numeric	
V1044	s3q1	3.1 Have you used organic fertilizer in this plot during this season?	discrete	numeric	
V1045	s3q2	3.2 Quantity of Organic fertilizer used (in Kg)	contin	numeric	
V1046	s3q3	3.3 Quantity of Organic fertilizer purchased (in Kg)	contin	numeric	
V1047	s3q4	3.4 Cost of Organic fertilizer purchased (Rwf)	contin	numeric	
V1048	s3q5	3.5 Have you used inorganic fertilizer in this plot during this season?	discrete	numeric	
V1049	s3q6	3.6 Inorganic fertilizer type	discrete	numeric	
V1050	s3q7	3.7 Inorganic fertilizer (unity)	discrete	numeric	
V1051	s3q8	3.8 Total quantity of inorganic fertilizer used	contin	numeric	
V1052	s3q9	3.9 Quantity of inorganic fertilizer purchased	contin	numeric	
V1053	s3q10	3.10 Unit price for Inorganic fertilizer	contin	numeric	
V1054	s3q11	3.11 What is the main source of inorganic fertilizer used	discrete	numeric	
V1055	s3q12	3.12 What is the main crop the fertilizer was applied?	discrete	numeric	

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Content	This file contains data on Irrigation, Soil preparation and land tenure. These data have been collected on large scale farmers (LSF). This data file is related to plot questionnaire, part IV.
Cases	1019
Variable(s)	36
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V1056	LSF_ID	Larger scale farmer's Identification	contin	numeric	
V1057	s1q1	1.1 Province	discrete	numeric	
V1058	s1q2	1.2 District	discrete	numeric	
V1059	s2q1	2.1 Plot number	contin	numeric	
V1060	s2q2	2.2 Plot size in (m2)	contin	numeric	
V1061	s4q17	4.17 Has this plot been irrigated during this season?	discrete	numeric	
V1062	s4q18	4.18 What is the source of water for irrigation?	discrete	numeric	
V1063	s4q19	4.19 What is irrigation technique used on this plot?	discrete	numeric	
V1064	s4q20	4.20 What is the cost of hired labor used for irrigation?	contin	numeric	
V1065	s4q21	4.21 What was the main crop to irrigate?	discrete	numeric	
V1066	s4q6	4.6 Is this plot fenced?	discrete	numeric	
V1067	s4q7	4.7 Was this fence done during the current agricultural season?	discrete	numeric	
V1068	s4q8	4.8 Fencing Activity cost (RWF)	contin	numeric	
V1069	s4q9	4.9 Amount spent on manpower to prepare land, sowing and any other agricultural	contin	numeric	
V1070	s4q10	4.10 Have you used ploughing animals (oxen) during this season?	discrete	numeric	
V1071	s4q11	4.11 Amount paid on rent of ploughing animals during this season(Rwf)	discrete	numeric	
V1072	s4q12	4.12 Have you used a ploughing tractor during this season?	discrete	numeric	
V1073	s4q13	4.13 Amount paid on rent of ploughing tractor (Rwf)	contin	numeric	
V1074	s4q14	4.14 Have you used any other mechanical equipment during this season?	discrete	numeric	
V1075	s4q15	4.15 Name of other mechanical equipment used during this season	discrete	character	
V1076	s4q16	4.16 Rent cost for the other mechanical equipment (Rwf)	discrete	numeric	
V1077	s5q1	5.1 Is this plot owned or rented?	discrete	numeric	
V1078	s5q2	5.2 Ownership category	discrete	numeric	
V1079	s5q3	5.3 When has this plot been bought?	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1080	s5q4	5.4 If the plot was purchased during this season or last year, what was the cos	contin	numeric	
V1081	s5q5	5.5 If the plot was rented, what kind of payment have you agreed on during this	discrete	numeric	
V1082	s5q6	5.6 If the rented plot was paid by cash, what is the amount for this season?	contin	numeric	
V1083	s5q7_1	5.7.1 What crop in this plot that have been chosen for production share for this	discrete	numeric	
V1084	s5q7_2	5.7.2 What crop in this plot that have been chosen for production share for this	discrete	numeric	
V1085	s5q7_3	5.7.3 What crop in this plot that have been chosen for production share for this	discrete	numeric	
V1086	s5q7_4	5.7.3 What crop in this plot that have been chosen for production share for this	discrete	numeric	
V1087	s5q8_1	5.8.1 If the rented plot was paid by production share, what is the percentage sh	discrete	numeric	
V1088	s5q8_2	5.8.2 If the rented plot was paid by production share, what is the percentage sh	discrete	numeric	
V1089	s5q8_3	5.8.3 If the rented plot was paid by production share, what is the percentage sh	discrete	numeric	
V1090	s5q8_4	5.8.4 If the rented plot was paid by production share, what is the percentage sh	discrete	numeric	
V1091	crop_group	Crop category for major crops grown in Rwanda	discrete	numeric	

SeasonB_2017_LSF_Pesticides

Content	This file contains data on use of pesticides. These data have been collected on large scale farmers (LSF). This data file is related to plot questionnaire, part III.
Cases	1173
Variable(s)	11
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V1092	LSF_ID	Larger scale farmer's Identification	contin	numeric	
V1093	s1q1	1.1 Province	discrete	numeric	
V1094	s1q2	1.2 District	discrete	numeric	
V1095	s2q1	2.1 Plot number	contin	numeric	
V1096	s2q2	2.2 Plot size in (m2)	contin	numeric	
V1097	s3q13	3.13 Have you used pesticides in this plot during this season?	discrete	numeric	
V1098	s3q14	3.14 Type of pesticide used	discrete	numeric	
V1099	s3q15	3.15 Pesticide type (unit)	discrete	numeric	
V1100	s3q16	3.16 Total quantity of pesticide used	contin	numeric	
V1101	s3q17	3.17 Quantity of pesticide purchased	contin	numeric	
V1102	s3q18	3.18 Total amount spent on quantity purchased	contin	numeric	

SeasonB_2017_LSF_Screening

Content	This file contains data on plot land use, cropping system, crop planted, crop area. These data have been collected on large scale farmers (LSF). This data file is related to screening questionnaire, part I and II.
Cases	2807
Variable(s)	18
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V1103	LSF_ID	Larger scale farmer's Identification	contin	numeric	
V1104	s1q1	1.1. Province	discrete	numeric	
V1105	s1q2	1.2. District	discrete	numeric	
V1106	s2q2	2.2. Plot number	contin	numeric	
V1107	s2q3	2.3 Plot size(square meters)	contin	numeric	
V1108	s2q6	2.6. Plot land use	discrete	numeric	
V1109	s2q7	2.7. Non-agricultural land type	discrete	numeric	
V1110	s2q8	Cropping system	discrete	numeric	
V1111	s2q9	2.9 Number of main crops in the plot	discrete	numeric	
V1112	s2q10	2.10 Crop type	discrete	numeric	
V1113	s2q11	2.11.Crop name	discrete	numeric	
V1114	s2q12_1	2.12.1 Crop/fruit proportion (in %)	contin	numeric	
V1115	s2q12_2	2.12.2.Crop proportion code	discrete	numeric	
V1116	s2q13	2.13.Number of trees in case plantation of perennial crops/fruits	contin	numeric	
V1117	s2q14	2.14 Number of trees susceptible to produce in these six months	contin	numeric	
V1118	s2q15	2.15.Is this crop for this season? (1=Yes, 2=No)	discrete	numeric	
V1119	s2q16	2.16.What is the expected period for harvesting this crop	discrete	numeric	
V1120	crop_category	Crop category based on major crops grown in Rwanda	discrete	numeric	

SeasonB_2017_SSF_Antierosion

Content	This file contains data on soil erosion control measures. These data have been collected on small scale farmers (SSF). This data file is related to plot questionnaire, part IV.
Cases	13827
Variable(s)	12
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V1121	s1q0	1.0 Segment ID number	contin	numeric	
V1122	s1q1	1.1 Province	discrete	numeric	
V1123	s1q2	1.2 District	discrete	numeric	
V1124	s1q3	1.3 Stratum	discrete	numeric	
V1125	s1q4	1.4 Segment number	contin	numeric	
V1126	s2q1	2.1 Plot number	contin	numeric	
V1127	s2q2	2.2 Plot size in (m2)	contin	numeric	
V1128	s4q1	4.1 What is the degree of erosion on this plot?	discrete	numeric	
V1129	s4q2	4.2 Is there any anti erosion activity on this plot?	discrete	numeric	
V1130	s4q3	Types of anti erosion activities existing in the plot	discrete	numeric	
V1131	s4q4	Was this anti-erosion activity done in this season?	discrete	numeric	
V1132	s4q5	What is the total cost of this anti-erosion activity in this season?	contin	numeric	

SeasonB_2017_SSF_Crop production

Content	This file contains data on crops planted, type of seeds sown and production of crop grown in the plot. These data have been collected on small scale farmers (SSF). This data file is related to plot questionnaire, part II.
Cases	25529
Variable(s)	32
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V1133	s1q0	1.0 Segment ID number	contin	numeric	
V1134	s1q1	1.1 Province	discrete	numeric	
V1135	s1q2	1.2 District	discrete	numeric	
V1136	s1q3	1.3 Stratum	discrete	numeric	
V1137	s1q4	1.4 Segment	contin	numeric	
V1138	s2q1	2.1 Plot number	contin	numeric	
V1139	s2q2	2.2 Plot size in square meters	contin	numeric	
V1140	s2q4	2.4 Cropping system in the plot	discrete	numeric	
V1141	s2q5	2.5 Number of main crops in the plot	discrete	numeric	
V1142	s2q6	2.6 Crop name	discrete	numeric	
V1143	s2q7	2.7.crop area in square meters	contin	numeric	
V1144	s2q8	2.8 Number of trees in case of plantation	contin	numeric	
V1145	s2q9	2.9 Number of trees susceptible to produce in six months	contin	numeric	
V1146	s2q10	2.10 Sowing date	discrete	numeric	
V1147	s2q12	2.12.Type of seeds sown	discrete	numeric	
V1148	s2q13_1	2.13.1.Quantity of traditional seeds sown : Unity	discrete	numeric	
V1149	s2q13_2	2.13.2.Quantity of traditional seeds sown : Quantity	contin	numeric	
V1150	s2q14	2.14.Quantity of traditional seeds purchased	contin	numeric	
V1151	s2q15	2.15.Amount spent for the purchase of traditional seeds(Rwf)	contin	numeric	
V1152	s2q16_1	2.16.1.Quantity of improved seeds sown : Unity	discrete	numeric	
V1153	s2q16_2	2.16.2.Quantity of improved seeds sown : Quantity	contin	numeric	
V1154	s2q17	2.17.Quantity of improved seeds purchased	contin	numeric	
V1155	s2q18	2.18.Amount spent for the purchase of improved seeds(Rwf)	contin	numeric	
V1156	s2q19	2.19.Where did improved seeds sown come from ?	discrete	numeric	
V1157	s2q11	2.11 Expected period of harvesting	discrete	numeric	
V1158	s2q20	2.20 Quantity already harvested (in Kg)	contin	numeric	

ID	Name	Label	Type	Format	Question
V1159	s2q21	2.21 Remaining quantity to be harvested (in kg)	contin	numeric	
V1160	s2q22	2.22 Total quantity of harvest (in kg)	contin	numeric	
V1161	s2q23	2.23 Explanation on production status	discrete	numeric	
V1162	s2q24	2.24 Have you sold any quantity of your produce of this crop during this season?	discrete	numeric	
V1163	s2q25	2.25 What was the farm gate price of this crop? (frw/Kg)	contin	numeric	
V1164	crop_group	2.6 Crop name	discrete	numeric	

SeasonB_2017_SSF_Fertilizers

Content	This file contains data on use of organic and inorganic fertilizers. These data have been collected on small scale farmers (SSF). This data file is related to plot questionnaire, part III.
Cases	12938
Variable(s)	19
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V1165	s1q0	Segment Identification	contin	numeric	
V1166	s2q1	2.1 Plot number	contin	numeric	
V1167	s2q2	2.2.Plot area(sqm)	contin	numeric	
V1168	s1q2	1.2 District	discrete	numeric	
V1169	s1q3	1.3 Stratum	discrete	numeric	
V1170	s1q4	1.4 Segment	contin	numeric	
V1171	s1q1	1.1 Province	discrete	numeric	
V1172	s3q1	3.1 Have you used organic fertilizer in this plot during this season?	discrete	numeric	
V1173	s3q2	3.2 Quantity of organic fertilizer used (in kg)	contin	numeric	
V1174	s3q3	3.3 Quantity of organic fertilizer purchased (in kg)	contin	numeric	
V1175	s3q4	3.4 Cost of organic fertilizer purchased (Rwf)	contin	numeric	
V1176	s3q5	3.5 Have you used inorganic fertilizer in this plot during this season?	discrete	numeric	
V1177	s3q6	3.6 Inorganic fertilizer (Type)	discrete	numeric	
V1178	s3q7	3.7 Inorganic fertilizer (Unity)	discrete	numeric	
V1179	s3q8	3.8 Total quantity of inorganic fertilizer used	contin	numeric	
V1180	s3q10	3.10 Inorganic fertilizer purchased (unity price/Rwf)	contin	numeric	
V1181	s3q9	3.9 Inorganic fertilizer (Qty purchased)	contin	numeric	
V1182	s3q11	3.11 What is the main source of inorganic fertilizer used?	discrete	numeric	
V1183	s3q12	3.12 What was the main crop the inorganic fertilizer was applied?	discrete	numeric	

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Content	This file contains data on Irrigation, Soil preparation and land tenure. These data have been collected on small scale farmers (SSF). This data file is related to plot questionnaire, part IV.
Cases	12156
Variable(s)	38
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V1184	s1q0	1.0 Segment ID number	contin	numeric	
V1185	s1q1	1.1 Province	discrete	numeric	
V1186	s1q2	1.2 District	discrete	numeric	
V1187	s1q3	1.3 Stratum	discrete	numeric	
V1188	s1q4	1.4 Segment number	contin	numeric	
V1189	s2q1	2.1 Plot number	contin	numeric	
V1190	s2q2	2.2 Plot size in (m2)	contin	numeric	
V1191	s4q17	4.17 Has this plot been irrigated during this season?	discrete	numeric	
V1192	s4q18	4.18 What is the source of water for irrigation?	discrete	numeric	
V1193	s4q19	4.19 What is irrigation technique used on this plot?	discrete	numeric	
V1194	s4q20	4.20 What is the cost of hired labor used for irrigation?	contin	numeric	
V1195	s4q21	4.21 What was the main crop to irrigate?	discrete	numeric	
V1196	s4q6	4.6 Is this plot fenced?	discrete	numeric	
V1197	s4q7	4.7 Was this fence done during the current agricultural season?	discrete	numeric	
V1198	s4q8	4.8 Fencing Activity cost (Rwf)	contin	numeric	
V1199	s4q9	4.9 Amount spent on manpower to prepare land, sowing and any other agricultural	contin	numeric	
V1200	s4q10	4.10 Have you used ploughing animals (oxen) during this season?	discrete	numeric	
V1201	s4q11	4.11 Amount paid on rent of ploughing animals during this season(Rwf)	discrete	numeric	
V1202	s4q12	4.12 Have you used a ploughing tractor during this season?	discrete	numeric	
V1203	s4q13	4.13 Amount paid on rent of ploughing tractor (Rwf)	contin	numeric	
V1204	s4q14	4.14 Have you used any other mechanical equipment during this season?	discrete	numeric	
V1205	s4q15	4.15 Name of other mechanical equipment used during this season	discrete	character	
V1206	s4q16	4.16 Rent cost for the other mechanical equipment (Rwf)	contin	numeric	
V1207	s5q1	5.1 Is this plot owned or rented?	discrete	numeric	
V1208	s5q2	5.2 Ownership category	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1209	s5q3	5.3 When has this plot been bought?	discrete	numeric	
V1210	s5q4	5.4 If the plot was purchased during this season or last year, what was the cos	contin	numeric	
V1211	s5q5	5.5 If the plot was rented, what kind of payment have you agreed on during this	discrete	numeric	
V1212	s5q6	5.6 If the rented plot was paid by cash, what is the amount for this season?	contin	numeric	
V1213	s5q7_1	5.7.1 What crop in this plot that have been chosen for production share for this	discrete	numeric	
V1214	s5q7_2	5.7.2 What crop in this plot that have been chosen for production share for this	discrete	numeric	
V1215	s5q7_3	5.7.3 What crop in this plot that have been chosen for production share for this	discrete	numeric	
V1216	s5q7_4	5.7.3 What crop in this plot that have been chosen for production share for this	discrete	numeric	
V1217	s5q8_1	5.8.1 If the rented plot was paid by production share, what is the percentage sh	contin	numeric	
V1218	s5q8_2	5.8.2 If the rented plot was paid by production share, what is the percentage sh	contin	numeric	
V1219	s5q8_3	5.8.3 If the rented plot was paid by production share, what is the percentage sh	contin	numeric	
V1220	s5q8_4	5.8.4 If the rented plot was paid by production share, what is the percentage sh	contin	numeric	
V1221	crop_group	Crop category for major crops grown in Rwanda	discrete	numeric	

SeasonB_2017_SSF_Pesticides

Content	This file contains data on use of pesticides. These data have been collected on small scale farmers (SSF). This data file is related to plot questionnaire, part III.
Cases	12980
Variable(s)	12
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V1222	s1q0	1.0 Segment ID number	contin	numeric	
V1223	s2q1	2.1.Plot number	contin	numeric	
V1224	s2q2	2.2.Plot area(sqm)	contin	numeric	
V1225	s1q2	1.2.District	discrete	numeric	
V1226	s1q3	1.3.Stratum	discrete	numeric	
V1227	s1q1	1.1.Province	discrete	numeric	
V1228	s3q13	3.13.Have you used pesticide in this plot during this season	discrete	numeric	
V1229	s3q14	3.14.Pesticide type	discrete	numeric	
V1230	s3q15	3.15.Pesticide unit	discrete	numeric	
V1231	s3q16	3.16.Pesticide: Total quantity used	contin	numeric	
V1232	s3q18	3.18.Total amount spent on quantity of pesticide purchased(Rwf)	contin	numeric	
V1233	s3q17	3.17.Pesticide: Quantity purchased	contin	numeric	

SeasonB_2017_SSF_Screening

Content	This file contains data on plot land use, cropping system, crop planted, crop area and sample weight. These data have been collected on small scale farmers (SSF). This data file is related to screening questionnaire, part I and II.
Cases	59985
Variable(s)	27
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V1234	s1q0	1.0 Segment ID number	contin	numeric	
V1235	s1q1	1.1. Province	discrete	numeric	
V1236	s1q2	1.2. District	discrete	numeric	
V1237	s1q3	1.3. Stratum	discrete	numeric	
V1238	s1q4	1.4 Segment number	contin	numeric	
V1239	s1q5	1.5. Date of visiting the segment	contin	numeric	
V1240	s1q8	1.8. Number of grids in the segment	contin	numeric	
V1241	s2q1	2.1 Sampled Grid point number	discrete	numeric	
V1242	s2q2	2.2 Plot number	contin	numeric	
V1243	s2q3	2.3 Plot size(square meters)	contin	numeric	
V1244	s2q5	2.5. Number of grids points in the same plots	contin	numeric	
V1245	s2q6	2.6. Plot land Use	discrete	numeric	
V1246	s2q7	2.7. Non agricultural Land Type	discrete	numeric	
V1247	s2q8	2.8. Cropping system	discrete	numeric	
V1248	s2q9	2.9 Number of main crops in the plot	discrete	numeric	
V1249	s2q10	2.10 Crop type	discrete	numeric	
V1250	s2q11	2.11. Crop Name	discrete	numeric	
V1251	s2q12_1	2.12.1 Crop/fruit proportion (in %)	contin	numeric	
V1252	s2q12_2	2.12.2 Crop/fruit proportion code	discrete	numeric	
V1253	s2q13	2.13 Number of trees in case of plantation of perenial crops/ or fruits	contin	numeric	
V1254	s2q14	2.14 Number of trees susceptible to produce in these six months	contin	numeric	
V1255	s2q15	2.15 Is this crop for this season	discrete	numeric	
V1256	s2q16	2.16 What is expected period of harvesting for this crop ?	discrete	numeric	
V1257	crop_category	Crop category based on major crops grown in Rwanda	discrete	numeric	
V1258	WH_Sgt	Segment weight	contin	numeric	

ID	Name	Label	Type	Format	Question
V1259	WH_Plot	Plot weight	contin	numeric	
V1260	Sgt_size	total segment size in ha	contin	numeric	

SeasonC_2017_SSF_Antierosion

Content	This file contains data on soil erosion control measures. These data have been collected on small scale farmers (SSF). This data file is related to plot questionnaire, part IV.
Cases	5094
Variable(s)	12
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V1261	s1q0	1.0 Segment ID number	contin	numeric	
V1262	s1q1	1.1 Province	discrete	numeric	
V1263	s1q2	1.2 District	discrete	numeric	
V1264	s1q3	1.3 Stratum	discrete	numeric	
V1265	s1q4	1.4 Segment number	contin	numeric	
V1266	s2q1	2.1 Plot number	contin	numeric	
V1267	s2q2	2.2 Plot size in (m2)	contin	numeric	
V1268	s4q1	4.1 What is the degree of erosion on this plot?	discrete	numeric	
V1269	s4q2	4.2 Is there any anti erosion activity on this plot?	discrete	numeric	
V1270	s4q3	4.3.1 Types of anti-erosion activities existing in the plot (code)	discrete	numeric	
V1271	s4q4	4.4.1 Was this anti-erosion activity done during the current agricultural season	discrete	numeric	
V1272	s4q5	4.5.1 What is the total cost of anti-erosion activity done during this season (R	contin	numeric	

SeasonC_2017_SSF_Crop production

Content	This file contains data on crops planted, type of seeds sown and production of crop grown in the plot. These data have been collected on small scale farmers (SSF). This data file is related to plot questionnaire, part II.
Cases	1907
Variable(s)	32
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V1273	s1q0	1.0 Segment ID number	contin	numeric	
V1274	s1q1	1.1 Province	discrete	numeric	
V1275	s1q2	1.2 District	discrete	numeric	
V1276	s1q3	1.3 Stratum	discrete	numeric	
V1277	s1q4	1.4 Segment	contin	numeric	
V1278	s2q1	2.1 Plot Number	contin	numeric	
V1279	s2q2	2.2 Plot area (m2)	contin	numeric	
V1280	s2q4	2.4 Cropping system in the plot	discrete	numeric	
V1281	s2q5	2.5 Number of main crops in the plot	discrete	numeric	
V1282	s2q6	2.6. Crop name	discrete	numeric	
V1283	s2q7	2.7.crop area in square meters	contin	numeric	
V1284	s2q8	2.8 Number of trees in case of plantation	discrete	numeric	
V1285	s2q9	2.9 Number of trees susceptible to produce in these six months	discrete	numeric	
V1286	s2q10	2.10 Sowing Date	discrete	numeric	
V1287	s2q11	2.11 Expected period of harvesting	discrete	numeric	
V1288	s2q12	2.12.Type of seeds sown	discrete	numeric	
V1289	s2q13_1	2.13.1.Quantity of traditional seeds sown : Unity	discrete	numeric	
V1290	s2q13_2	2.13.2.Quantity of traditional seeds sown : Quantity	contin	numeric	
V1291	s2q14	2.14.Quantity of traditional seeds purchased	contin	numeric	
V1292	s2q15	2.15.Amount spent for the purchase of traditional seeds(Rwf)	contin	numeric	
V1293	s2q16_1	2.16.1.Quantity of improved seeds sown : Unity	discrete	numeric	
V1294	s2q16_2	2.16.2.Quantity of improved seeds sown : Quantity	contin	numeric	
V1295	s2q17	2.17.Quantity of improved seeds purchased	contin	numeric	
V1296	s2q18	2.18.Amount spent for the purchase of improved seeds(Rwf)	contin	numeric	
V1297	s2q19	2.19.Where did improved seeds sown come from ?	discrete	numeric	
V1298	s2q20	2.20 Quantity already harvested (in Kg)	contin	numeric	

ID	Name	Label	Type	Format	Question
V1299	s2q21	2.21 Remaining quantity to be harvested (in kg)	discrete	numeric	
V1300	s2q22	2.22 Total quantity of harvest (in kg)	contin	numeric	
V1301	s2q23	2.23 Explanation on production status	discrete	numeric	
V1302	s2q24	2.24 Have you sold any quantity of your produce of this crop during this season?	discrete	numeric	
V1303	s2q25	2.25 What was the farm gate price of this crop? (frw/Kg)	contin	numeric	
V1304	crop_group	Crop category for major crops grown in Rwanda	discrete	numeric	

SeasonC_2017_SSF_Fertilizers

Content	This file contains data on use of organic and inorganic fertilizers. These data have been collected on small scale farmers (SSF). This data file is related to plot questionnaire, part III.
Cases	6792
Variable(s)	19
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V1305	s1q0	Segment identification	contin	numeric	
V1306	s1q1	1.1 Province	discrete	numeric	
V1307	s1q2	1.2 District	discrete	numeric	
V1308	s1q3	1.3 Stratum	discrete	numeric	
V1309	s1q4	1.4 Segment number	contin	numeric	
V1310	s2q1	2.1 Plot number	contin	numeric	
V1311	s2q2	2.2 Plot size in (m2)	contin	numeric	
V1312	s3q1	3.1 Have you used organic fertilizer in this plot during this season?	discrete	numeric	
V1313	s3q2	3.2 Quantity of Organic fertilizer used (in Kg)	contin	numeric	
V1314	s3q3	3.3 Quantity of Organic fertilizer purchased (in Kg)	contin	numeric	
V1315	s3q4	3.4 Cost of Organic fertilizer purchased (Rwf)	contin	numeric	
V1316	s3q5	3.5 Have you used inorganic fertilizer in this plot during this season?	discrete	numeric	
V1317	s3q6	3.6 Inorganic fertilizer type	discrete	numeric	
V1318	s3q7	3.7 Inorganic fertilizer (unity)	discrete	numeric	
V1319	s3q8	3.8 Total quantity of inorganic fertilizer used	contin	numeric	
V1320	s3q9	3.9 Quantity of inorganic fertilizer purchased	contin	numeric	
V1321	s3q10	3.10 Unit price for Inorganic fertilizer	contin	numeric	
V1322	s3q11	3.11 What is the main source of inorganic fertilizer used	discrete	numeric	
V1323	s3q12	3.12 What is the main crop the fertilizer was applied?	discrete	numeric	

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Content	This file contains data on Irrigation, Soil preparation and land tenure. These data have been collected on small scale farmers (SSF). This data file is related to plot questionnaire, part IV.
Cases	1698
Variable(s)	38
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V1324	s1q0	1.0 Segment ID number	contin	numeric	
V1325	s1q1	1.1 Province	discrete	numeric	
V1326	s1q2	1.2 District	discrete	numeric	
V1327	s1q3	1.3 Stratum	discrete	numeric	
V1328	s1q4	1.4 Segment number	contin	numeric	
V1329	s2q1	2.1 Plot number	contin	numeric	
V1330	s2q2	2.2 Plot size in (m2)	contin	numeric	
V1331	s4q17	4.17 Has this plot been irrigated during this season?	discrete	numeric	
V1332	s4q18	4.18 What is the source of water for irrigation?	discrete	numeric	
V1333	s4q19	4.19.1 What are irrigation techniques used on this plot?	discrete	numeric	
V1334	s4q20	4.20.1 Total cost of irrigation	contin	numeric	
V1335	s4q21	4.21 What was the main crop to irrigate?	discrete	numeric	
V1336	s4q6	4.6 Is this plot fenced?	discrete	numeric	
V1337	s4q7	4.7 Was this fence done during the current agricultural season?	discrete	numeric	
V1338	s4q8	4.8 Activity cost (RWF)	contin	numeric	
V1339	s4q9	4.9 Amount spent on manpower to prepare land, sowing and any other agricultural	contin	numeric	
V1340	s4q10	4.10 Have you used ploughing animals (oxen) during this season?	discrete	numeric	
V1341	s4q11	4.11 Amount paid on rent of ploughing animals during this season(Rwf)	discrete	numeric	
V1342	s4q12	4.12 Have you used a ploughing tractor during this season?	discrete	numeric	
V1343	s4q13	4.13 Amount paid on rent of ploughing tractor (Rwf)	discrete	numeric	
V1344	s4q14	4.14 Have you used any other mechanical equipment during this season?	discrete	numeric	
V1345	s4q15	4.15 Name of other mechanical equipment used during this season	discrete	character	
V1346	s4q16	4.16 Rent cost for the other mechanical equipment (Rwf)	discrete	numeric	
V1347	s5q1	5.1 Is this plot owned or rented?	discrete	numeric	
V1348	s5q2	5.2 Ownership category	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1349	s5q3	5.3 When has this plot been bought?	discrete	numeric	
V1350	s5q4	5.4 If the plot was purchased during this season or last year, what was the cost	contin	numeric	
V1351	s5q5	5.5 If the plot was rented, what kind of payment have you agreed on during this	discrete	numeric	
V1352	s5q6	5.6 If the rented plot was paid by cash, what is the amount for this season?	contin	numeric	
V1353	s5q7_1	5.7.1 What are crops in this plot that have been chosen for production share for	discrete	numeric	
V1354	s5q8_1	5.8.1 If the rented plot was paid by production share, what is the percentage sh	discrete	numeric	
V1355	s5q7_2	5.7.2 What are crops in this plot that have been chosen for production share for	discrete	numeric	
V1356	s5q8_2	5.8.2 If the rented plot was paid by production share, what is the percentage sh	discrete	numeric	
V1357	s5q7_3	5.7.3 What are crops in this plot that have been chosen for production share for	discrete	numeric	
V1358	s5q8_3	5.8.3 If the rented plot was paid by production share, what is the percentage sh	discrete	numeric	
V1359	s5q7_4	5.7.4 What are crops in this plot that have been chosen for production share for	discrete	numeric	
V1360	s5q8_4	5.8.4 If the rented plot was paid by production share, what is the percentage sh	discrete	numeric	
V1361	crop_group	Crop category for major crops grown in Rwanda	discrete	numeric	

SeasonC_2017_SSF_Pesticides

Content	This file contains data on use of pesticides. These data have been collected on small scale farmers (SSF). This data file is related to plot questionnaire, part III.
Cases	6792
Variable(s)	12
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V1362	s1q0	1.0 Segment ID number	contin	numeric	
V1363	s1q1	1.1 Province	discrete	numeric	
V1364	s1q2	1.2 District	discrete	numeric	
V1365	s1q3	1.3 Stratum	discrete	numeric	
V1366	s2q1	2.1 Plot number	contin	numeric	
V1367	s2q2	2.2 Plot size in (m2)	contin	numeric	
V1368	s3q13	3.13 Have you used pesticides in this plot during this season?	discrete	numeric	
V1369	s3q14	3.14 Type of pesticide used	discrete	numeric	
V1370	s3q15	3.15 Pesticide type (unit)	discrete	numeric	
V1371	s3q16	3.16 Total quantity of pesticide used	contin	numeric	
V1372	s3q17	3.17 Quantity of pesticide purchased	contin	numeric	
V1373	s3q18	3.18 Total amount spent on quantity purchased	contin	numeric	

SeasonC_2017_SSF_Screening

Content	This file contains data on plot land use, cropping system, crop planted, crop area and sample weight. These data have been collected on small scale farmers (SSF) . This data file is related to screening questionnaire, part I and III.
Cases	7853
Variable(s)	27
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V1374	s1q0	1.0 Segment ID number	contin	numeric	
V1375	s1q1	1.1 Province Name	discrete	numeric	
V1376	s1q2	1.2 District Name	discrete	numeric	
V1377	s1q3	1.3 Stratum	discrete	numeric	
V1378	s1q4	1.4 Segment number	contin	numeric	
V1379	s1q5	1.5 date of interview	contin	numeric	
V1380	s1q8	1.8 Number of grids in the segment	contin	numeric	
V1381	s2q1	2.1 Sampled Grid point number	discrete	numeric	
V1382	s2q2	2.2 Plot Number	contin	numeric	
V1383	s2q3	2.3 Plot size(square meters)	contin	numeric	
V1384	s2q5	2.5 Number of grids in the same plot	contin	numeric	
V1385	s2q6	2.6 Plot land use	discrete	numeric	
V1386	s2q7	2.7 Non- agricultural Land Type	discrete	numeric	
V1387	s2q8	2.8 Cropping System	discrete	numeric	
V1388	s2q9	2.9 Number of main crops in the plot	discrete	numeric	
V1389	s2q10	2.10. Crop type	discrete	numeric	
V1390	s2q11	2.11. Crop name	discrete	numeric	
V1391	s2q12_1	2.12.1 Crop proportion in (%)	contin	numeric	
V1392	s2q12_2	2.12.2 Crop proportion in (range)	discrete	numeric	
V1393	s2q13	2.13. Number of trees in case of plantation of perennial crops	contin	numeric	
V1394	s2q14	2.14. Number of trees susceptible to produce in these six months	contin	numeric	
V1395	s2q15	2.15. Is this crop for this season	discrete	numeric	
V1396	s2q16	2.16. What is the expected period of harvesting for this crop?	discrete	numeric	
V1397	crop_category	Crop category based on major crops grown in Rwanda	discrete	numeric	
V1398	WH_Sgt	Segment weight	contin	numeric	
V1399	WH_Plot	Plot weight	contin	numeric	

ID	Name	Label	Type	Format	Question
V1400	Sgt_size	Area of the segment in hectares	contin	numeric	

Large scale farmer identification (LSF_ID)

File: SeasonA_2017_LSF_Antierosion

Overview

Type: Continuous	Valid cases: 889
Format: numeric	Invalid: 0
Width: 5	Minimum: 12001
Decimals: 0	Maximum: 57017
Range: 12001-57017	Mean: 41974
	Standard deviation: 15913.8

1.1.Province (s1q1)

File: SeasonA_2017_LSF_Antierosion

Overview

Type: Discrete	Valid cases: 889
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

1.2.District (s1q2)

File: SeasonA_2017_LSF_Antierosion

Overview

Type: Discrete	Valid cases: 889
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

2.1.Plot No (s2q1)

File: SeasonA_2017_LSF_Antierosion

Overview

Type: Continuous	Valid cases: 889
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 69
Range: 1-69	Mean: 9.9
	Standard deviation: 10.9

2.2.Plot area(m2) (s2q2)

File: SeasonA_2017_LSF_Antierosion

Overview

Type: Continuous	Valid cases: 889
Format: numeric	Invalid: 0
Width: 15	Minimum: 0
Decimals: 0	Maximum: 14819546.5
Range: 0-14819546.461131	Mean: 225591.1
	Standard deviation: 907600.8

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

File: SeasonA_2017_LSF_Antierosion

Overview

Type: Discrete	Valid cases: 889
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-3	

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

File: SeasonA_2017_LSF_Antierosion

Overview

Type: Discrete	Valid cases: 889
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

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

File: SeasonA_2017_LSF_Antierosion

Overview

Type: Discrete	Valid cases: 642
Format: numeric	Invalid: 247
Width: 1	
Decimals: 0	
Range: 0-9	

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

File: SeasonA_2017_LSF_Antierosion

Overview

Type: Discrete	Valid cases: 642
Format: numeric	Invalid: 247
Width: 1	
Decimals: 0	
Range: 1-2	

4.5.What is the total cost of anti erosion ectivity done during this season(Rwf) (s4q5)

File: SeasonA_2017_LSF_Antierosion

Overview

Type: Continuous	Valid cases: 101
Format: numeric	Invalid: 788
Width: 7	Minimum: 0
Decimals: 0	Maximum: 9920000
Range: 0-9920000	Mean: 490364.4
	Standard deviation: 1426800

Large scale farmer identification (LSF_ID)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 744
Format: numeric	Invalid: 0
Width: 5	Minimum: 12001
Decimals: 0	Maximum: 57017
Range: 12001-57017	Mean: 43489.5
	Standard deviation: 15763.8

1.1 Province (s1q1)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Discrete	Valid cases: 744
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Discrete	Valid cases: 744
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

2.1.Plot number (s2q1)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 744
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 68
Range: 1-68	Mean: 7.6
	Standard deviation: 8.2

2.2 Plot area in square meters (s2q2)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 744
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 14819546
Range: 0-14819546	Mean: 248530.8
	Standard deviation: 977255.3

2.4 Cropping system in the plot (s2q4)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Discrete	Valid cases: 744
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

2.5 Number of main crops in the plot (s2q5)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Discrete	Valid cases: 744
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-4	

2.6.Crop name (s2q6)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Discrete	Valid cases: 744
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: 97-519	

2.7.crop area in square meters (s2q7)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 744
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 14819546
Range: 0-14819546	Mean: 243353.4
	Standard deviation: 978263.1

2.8.Number of trees in case of plantation (s2q8)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 126
Format: numeric	Invalid: 618
Width: 7	Minimum: 0
Decimals: 0	Maximum: 1283500
Range: 0-1283500	Mean: 16064.5
	Standard deviation: 118442.1

2.9.Number of trees susceptible to produce in six months (s2q9)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 127
Format: numeric	Invalid: 617
Width: 6	Minimum: 0
Decimals: 0	Maximum: 142611
Range: 0-142611	Mean: 2298
	Standard deviation: 13260.6

2.10.Sowing date (s2q10)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Discrete	Valid cases: 744
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-7	

2.11.Harvesting date (s2q11)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Discrete	Valid cases: 744
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-8	

2.12.Type of seeds sown (s2q12)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Discrete	Valid cases: 744
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-3	

2.13.1.Quantity of traditional seeds sown : Unity (s2q13_1)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Discrete	Valid cases: 363
Format: numeric	Invalid: 381
Width: 1	
Decimals: 0	
Range: 1-3	

2.13.2.Quantity of traditional seeds sown : Quantity (s2q13_2)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 217
Format: numeric	Invalid: 527
Width: 7	Minimum: 0
Decimals: 0	Maximum: 14903.1
Range: 0-14903.1	Mean: 849.4
	Standard deviation: 2321.6

2.14.Quantity of traditional seeds purchased (s2q14)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 217
Format: numeric	Invalid: 527
Width: 5	Minimum: 0
Decimals: 0	Maximum: 14631
Range: 0-14631	Mean: 345.5
	Standard deviation: 1507.2

2.15.Amount for the purchased of traditional seeds(Rwf) (s2q15)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 243
Format: numeric	Invalid: 501
Width: 7	Minimum: 0
Decimals: 0	Maximum: 3917610
Range: 0-3917610	Mean: 109577.6
	Standard deviation: 429144.2

2.16.1.Quantity of improved seeds sown : Unity (s2q16_1)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Discrete	Valid cases: 393
Format: numeric	Invalid: 351
Width: 1	
Decimals: 0	
Range: 1-3	

2.16.2.Quantity of improved seeds sown : Quantity (s2q16_2)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 313
Format: numeric	Invalid: 431
Width: 5	Minimum: 0
Decimals: 0	Maximum: 50000
Range: 0-50000	Mean: 1877.8
	Standard deviation: 5860.7

2.17. Quantity of improved seeds purchased (s2q17)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 313
Format: numeric	Invalid: 431
Width: 5	Minimum: 0
Decimals: 0	Maximum: 50000
Range: 0-50000	Mean: 1747
	Standard deviation: 5823.8

2.18. Amount spent for the purchase of improved seeds(Rwf) (s2q18)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 388
Format: numeric	Invalid: 356
Width: 8	Minimum: 0
Decimals: 0	Maximum: 22500000
Range: 0-22500000	Mean: 534578
	Standard deviation: 2224593.3

2.19. Where did improved seeds sown come from ? (s2q19)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Discrete	Valid cases: 390
Format: numeric	Invalid: 354
Width: 1	
Decimals: 0	
Range: 1-4	

2.20. Quantity already haversted (in Kg) (s2q20)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 744
Format: numeric	Invalid: 0
Width: 7	Minimum: 0
Decimals: 0	Maximum: 3821928
Range: 0-3821928	Mean: 60012.6
	Standard deviation: 243528.7

2.21. Remaining quantity to be haversted (s2q21)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 744
Format: numeric	Invalid: 0
Width: 7	Minimum: 0
Decimals: 0	Maximum: 1803940
Range: 0-1803940	Mean: 23527.2
	Standard deviation: 127876.3

2.22.Total quantity of the havest (s2q22)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 744
Format: numeric	Invalid: 0
Width: 16	Minimum: 1.4
Decimals: 0	Maximum: 3821928
Range: 1.44000005722046-3821928	Mean: 83539.8
	Standard deviation: 301137.3

2.23 Explanation on production status (s2q23)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Discrete	Valid cases: 744
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-13	

2.24 Have you sold any quantity of your produce of this crop (s2q24)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Discrete	Valid cases: 743
Format: numeric	Invalid: 1
Width: 1	
Decimals: 0	
Range: 1-2	

2.25 What was the farm gate price of this crop? (s2q25)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 205
Format: numeric	Invalid: 539
Width: 4	Minimum: 50
Decimals: 0	Maximum: 5000
Range: 50-5000	Mean: 375.2
	Standard deviation: 465

Crop category based on major crop grown in rwanda (crop_group)

File: SeasonA_2017_LSF_Crop production

Overview

Type: Discrete	Valid cases: 744
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: 6-519	

Large scale farmer identification (LSF_ID)

File: SeasonA_2017_LSF_Fertilizers

Overview

Type: Continuous	Valid cases: 1423
Format: numeric	Invalid: 0
Width: 5	Minimum: 12001
Decimals: 0	Maximum: 57017
Range: 12001-57017	Mean: 42582.9
	Standard deviation: 15852.8

1.1.Province (s1q1)

File: SeasonA_2017_LSF_Fertilizers

Overview

Type: Discrete	Valid cases: 1423
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

1.2.District (s1q2)

File: SeasonA_2017_LSF_Fertilizers

Overview

Type: Discrete	Valid cases: 1423
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

2.1.Plot number (s2q1)

File: SeasonA_2017_LSF_Fertilizers

Overview

Type: Continuous	Valid cases: 1423
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 69
Range: 1-69	Mean: 9.4
	Standard deviation: 10.8

2.2.Plot area(m2) (s2q2)

File: SeasonA_2017_LSF_Fertilizers

Overview

Type: Continuous	Valid cases: 1423
Format: numeric	Invalid: 0
Width: 7	Minimum: 0
Decimals: 0	Maximum: 9933827
Range: 0-9933827	Mean: 247323.1
	Standard deviation: 869157.3

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

File: SeasonA_2017_LSF_Fertilizers

Overview

Type: Discrete	Valid cases: 1423
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

3.2. Quantity of organic fertilizer used (in kg) (s3q2)

File: SeasonA_2017_LSF_Fertilizers

Overview

Type: Continuous	Valid cases: 800
Format: numeric	Invalid: 623
Width: 7	Minimum: 100
Decimals: 0	Maximum: 1936000
Range: 100-1936000	Mean: 27391.3
	Standard deviation: 146138.6

3.3. Quantity of organic fertilizer purchased (in kg) (s3q3)

File: SeasonA_2017_LSF_Fertilizers

Overview

Type: Continuous	Valid cases: 800
Format: numeric	Invalid: 623
Width: 7	Minimum: 0
Decimals: 0	Maximum: 1936000
Range: 0-1936000	Mean: 11349.7
	Standard deviation: 102707

3.4. Cost of organic fertilizer purchased (Rwf) (s3q4)

File: SeasonA_2017_LSF_Fertilizers

Overview

Type: Continuous	Valid cases: 263
Format: numeric	Invalid: 1160
Width: 8	Minimum: 0
Decimals: 0	Maximum: 49200000
Range: 0-49200000	Mean: 850890
	Standard deviation: 4587092.3

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

File: SeasonA_2017_LSF_Fertilizers

Overview

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

File: SeasonA_2017_LSF_Fertilizers

Type: Discrete	Valid cases: 1423
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

3.6. Inorganic fertilizer type (s3q6)

File: SeasonA_2017_LSF_Fertilizers

Overview

Type: Discrete	Valid cases: 614
Format: numeric	Invalid: 809
Width: 1	
Decimals: 0	
Range: 1-9	

3.7. Inorganic fertilizer unit (s3q7)

File: SeasonA_2017_LSF_Fertilizers

Overview

Type: Discrete	Valid cases: 614
Format: numeric	Invalid: 809
Width: 1	
Decimals: 0	
Range: 1-4	

3.8. Inorganic fertilizer total quantity used (s3q8)

File: SeasonA_2017_LSF_Fertilizers

Overview

Type: Continuous	Valid cases: 614
Format: numeric	Invalid: 809
Width: 8	Minimum: 0.1
Decimals: 0	Maximum: 12095200
Range: 0.12-12095200	Mean: 136581.6
	Standard deviation: 725487

3.9. Inorganic fertilizer quantity purchased (s3q9)

File: SeasonA_2017_LSF_Fertilizers

Overview

Type: Continuous	Valid cases: 614
Format: numeric	Invalid: 809
Width: 6	Minimum: 0.1
Decimals: 0	Maximum: 160000
Range: 0.12-160000	Mean: 5067.5
	Standard deviation: 14647.2

3.10. Inorganic fertilizer unit price (s3q10)

File: SeasonA_2017_LSF_Fertilizers

Overview

Type: Continuous	Valid cases: 614
Format: numeric	Invalid: 809
Width: 4	Minimum: 0
Decimals: 0	Maximum: 9999
Range: 0-9999	Mean: 566.5
	Standard deviation: 1038.7

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

File: SeasonA_2017_LSF_Fertilizers

Overview

Type: Discrete	Valid cases: 614
Format: numeric	Invalid: 809
Width: 1	
Decimals: 0	
Range: 1-4	

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

File: SeasonA_2017_LSF_Fertilizers

Overview

Type: Discrete	Valid cases: 614
Format: numeric	Invalid: 809
Width: 3	
Decimals: 0	
Range: 97-519	

Large scale farmer identification (LSF_ID)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 806
Format: numeric	Invalid: 0
Width: 5	Minimum: 12001
Decimals: 0	Maximum: 57017
Range: 12001-57017	Mean: 42138.2
	Standard deviation: 16085

1.1.Province (s1q1)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 806
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

1.2.District (s1q2)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 806
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

2.1.Plot number (s2q1)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 806
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 69
Range: 1-69	Mean: 9.8
	Standard deviation: 10.6

2.2.Plot area(m2) (s2q2)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

2.2.Plot area(m2) (s2q2)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 806
Format: numeric	Invalid: 0
Width: 15	Minimum: 0
Decimals: 0	Maximum: 14819546.5
Range: 0-14819546.461131	Mean: 237341.6
	Standard deviation: 940810.5

4.17.Has this plot been irrigated during this season? (s4q17)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 806
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

4.18.What is the source of water for irrigation? (s4q18)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 224
Format: numeric	Invalid: 582
Width: 1	
Decimals: 0	
Range: 1-6	

4.19.What is irrigation techniques used on this plot? (s4q19)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 224
Format: numeric	Invalid: 582
Width: 1	
Decimals: 0	
Range: 1-5	

4.20.What is the cost of hired labor used for irrigation technique? (s4q20)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

4.20. What is the cost of hired labor used for irrigation technique? (s4q20)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 219
Format: numeric	Invalid: 587
Width: 9	Minimum: 0
Decimals: 0	Maximum: 177865334
Range: 0-177865334	Mean: 1728066.9
	Standard deviation: 12282897.1

4.21. What was the main crop being irrigated (s4q21)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 224
Format: numeric	Invalid: 582
Width: 3	
Decimals: 0	
Range: 97-519	

4.6. Is this plot fenced? (s4q6)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 806
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

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

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 151
Format: numeric	Invalid: 655
Width: 1	
Decimals: 0	
Range: 1-2	

4.8.Activity cost (s4q8)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 25
Format: numeric	Invalid: 781
Width: 6	Minimum: 6100
Decimals: 0	Maximum: 300000
Range: 6100-300000	Mean: 64339.6
	Standard deviation: 74195.1

4.9.Amount spent on hired labor used to prepare land,sowing and any other agricu (s4q9)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 806
Format: numeric	Invalid: 0
Width: 9	Minimum: 0
Decimals: 0	Maximum: 234000000
Range: 0-234000000	Mean: 3338693.4
	Standard deviation: 18055787.1

4.10.Have you used ploughing animals(oxen)during this season? (s4q10)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 806
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

4.11.Amount paid on rent of ploughing animals during this season(Rwf) (s4q11)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 806
Width: 1	
Decimals: 0	

4.12. Have you used a ploughing tractor during this season? (s4q12)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 806
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

4.13. Amount paid on rent of ploughing tractor (Rwf) (s4q13)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 63
Format: numeric	Invalid: 743
Width: 8	Minimum: 0
Decimals: 0	Maximum: 30000000
Range: 0-30000000	Mean: 1600455.5
	Standard deviation: 5071686.9

4.14. Have you used any other other mechanical equipment during this season? (s4q14)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 806
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

4.15. Name of other mechanical equipment used during this season (s4q15)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

4.16. Rent cost for the other mechanical equipment (Rwf) (s4q16)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

4.16.Rent cost for the other mechanical equipment(Rwf) (s4q16)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 0
 Invalid: 806

5.1.Is this plot owned or rented? (s5q1)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 806
 Invalid: 0

5.2.Ownership category (s5q2)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-4

Valid cases: 696
 Invalid: 110

5.3.When has this plot been brought? (s5q3)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 379
 Invalid: 427

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

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

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

Valid cases: 1
Invalid: 805

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

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 112
Invalid: 694

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

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous
Format: numeric
Width: 9
Decimals: 0
Range: 0-151950000

Valid cases: 111
Invalid: 695
Minimum: 0
Maximum: 151950000
Mean: 3230666.4
Standard deviation: 14628788.6

5.7.1.What are crops in this plot that have been chosen for production share for (s5q7_1)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 97-519

Valid cases: 0
Invalid: 806

5.8.1.If the rented plot was paid by production share,what is the percentage sha (s5q8_1)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 0
Invalid: 806

5.7.2.What are crops in this plot that have been chosen for production share for (s5q7_2)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 97-519

Valid cases: 0
Invalid: 806

5.8.2.If the rented plot was paid by production share, what is the percentage sh (s5q8_2)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 0
Invalid: 806

5.7.3.What are crops in this plot that have been chosen for production share for (s5q7_3)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 97-519

Valid cases: 0
Invalid: 806

5.8.3.If the rented plot was paid by production share, what is the percentage sh (s5q8_3)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 0
Invalid: 806

5.7.4.What are crops in this plot that have been chosen for production share for (s5q7_4)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 97-519

Valid cases: 0
Invalid: 806

5.8.4.If the rented plot was paid by production share, what is the percentage sh (s5q8_4)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 0
Invalid: 806

Crop category for major crops grown in Rwanda (crop_group)

File:

SeasonA_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 6-323

Valid cases: 224
Invalid: 582

Large scale farmer identification (LSF_ID)

File: SeasonA_2017_LSF_Pesticides

Overview

Type: Continuous	Valid cases: 1282
Format: numeric	Invalid: 0
Width: 5	Minimum: 12001
Decimals: 0	Maximum: 57017
Range: 12001-57017	Mean: 42162.9
	Standard deviation: 15769.1

1.1 Province (s1q1)

File: SeasonA_2017_LSF_Pesticides

Overview

Type: Discrete	Valid cases: 1282
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File: SeasonA_2017_LSF_Pesticides

Overview

Type: Discrete	Valid cases: 1282
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

2.1.Plot number (s2q1)

File: SeasonA_2017_LSF_Pesticides

Overview

Type: Continuous	Valid cases: 1282
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 69
Range: 1-69	Mean: 8.7
	Standard deviation: 10.1

2.2.Plot area(m2) (s2q2)

File: SeasonA_2017_LSF_Pesticides

Overview

Type: Continuous	Valid cases: 1282
Format: numeric	Invalid: 0
Width: 15	Minimum: 0
Decimals: 0	Maximum: 14819546.5
Range: 0-14819546.461131	Mean: 358603.9
	Standard deviation: 1198054

3.13. Have you used pesticide in this plot during this season (s3q13)

File: SeasonA_2017_LSF_Pesticides

Overview

Type: Discrete	Valid cases: 1282
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

3.14. Pesticide type (s3q14)

File: SeasonA_2017_LSF_Pesticides

Overview

Type: Discrete	Valid cases: 507
Format: numeric	Invalid: 775
Width: 1	
Decimals: 0	
Range: 0-9	

3.15. Pesticide unit (s3q15)

File: SeasonA_2017_LSF_Pesticides

Overview

Type: Discrete	Valid cases: 507
Format: numeric	Invalid: 775
Width: 1	
Decimals: 0	
Range: 1-4	

3.16. Pesticide: Total quantity used (s3q16)

File: SeasonA_2017_LSF_Pesticides

Overview

Type: Continuous	Valid cases: 507
Format: numeric	Invalid: 775
Width: 6	Minimum: 0
Decimals: 0	Maximum: 180000
Range: 0-180000	Mean: 713
	Standard deviation: 8352.6

3.17. Pesticide: Quantity purchased (s3q17)

File: SeasonA_2017_LSF_Pesticides

Overview

Type: Continuous	Valid cases: 507
Format: numeric	Invalid: 775
Width: 5	Minimum: 0
Decimals: 0	Maximum: 35726
Range: 0-35726	Mean: 351.9
	Standard deviation: 2473

3.18.Pesticide: Total amount spent on quantity purchased(Rwf)? (s3q18)

File: SeasonA_2017_LSF_Pesticides

Overview

Type: Continuous
Format: numeric
Width: 8
Decimals: 0
Range: 0-73008000

Valid cases: 498
Invalid: 784
Minimum: 0
Maximum: 73008000
Mean: 406572.4
Standard deviation: 3568766.8

1.0 Large scale farmer identification (LSF_ID)

File: SeasonA_2017_LSF_Screening

Overview

Type: Continuous	Valid cases: 3253
Format: numeric	Invalid: 0
Width: 5	Minimum: 12001
Decimals: 0	Maximum: 57017
Range: 12001-57017	Mean: 39583.7
	Standard deviation: 15823.3

1.1.Province (s1q1)

File: SeasonA_2017_LSF_Screening

Overview

Type: Discrete	Valid cases: 3253
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

1.2.District (s1q2)

File: SeasonA_2017_LSF_Screening

Overview

Type: Discrete	Valid cases: 3253
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

2.2.Plot number (s2q2)

File: SeasonA_2017_LSF_Screening

Overview

Type: Continuous	Valid cases: 3253
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	Mean: 15.9
	Standard deviation: 16.8

2.3 Plot size(square meters) (s2q3)

File: SeasonA_2017_LSF_Screening

Overview

Type: Continuous	Valid cases: 3253
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 20018010
Range: 0-20018010	Mean: 75744.5
	Standard deviation: 413746.7

2.6.plot land use (s2q6)

File: SeasonA_2017_LSF_Screening

Overview

Type: Discrete	Valid cases: 3253
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 96-99	

2.7.Non-agricultural land type (s2q7)

File: SeasonA_2017_LSF_Screening

Overview

Type: Discrete	Valid cases: 671
Format: numeric	Invalid: 2582
Width: 1	
Decimals: 0	
Range: 1-7	

2.8.Cropping system (s2q8)

File: SeasonA_2017_LSF_Screening

Overview

Type: Discrete	Valid cases: 2196
Format: numeric	Invalid: 1057
Width: 1	
Decimals: 0	
Range: 1-3	

2.9 Number of main crops in the plot (s2q9)

File: SeasonA_2017_LSF_Screening

Overview

Type: Discrete	Valid cases: 2196
Format: numeric	Invalid: 1057
Width: 1	
Decimals: 0	
Range: 1-4	

2.10.Crop type (s2q10)

File: SeasonA_2017_LSF_Screening

Overview

Type: Discrete	Valid cases: 2195
Format: numeric	Invalid: 1058
Width: 1	
Decimals: 0	
Range: 1-5	

2.11.Crop name (s2q11)

File: SeasonA_2017_LSF_Screening

Overview

Type: Discrete	Valid cases: 2196
Format: numeric	Invalid: 1057
Width: 3	
Decimals: 0	
Range: 97-519	

2.12.1.Crop proportion (in %) (s2q12_1)

File: SeasonA_2017_LSF_Screening

Overview

Type: Continuous	Valid cases: 2196
Format: numeric	Invalid: 1057
Width: 3	Minimum: 2
Decimals: 0	Maximum: 100
Range: 2-100	Mean: 89
	Standard deviation: 25.6

2.12.2.Crop proportion code (s2q12_2)

File: SeasonA_2017_LSF_Screening

Overview

Type: Discrete	Valid cases: 2196
Format: numeric	Invalid: 1057
Width: 2	
Decimals: 0	
Range: 1-10	

2.13.Number of trees in case of plantation of perennial crops (s2q13)

File: SeasonA_2017_LSF_Screening

Overview

Type: Continuous	Valid cases: 2196
Format: numeric	Invalid: 1057
Width: 7	Minimum: 0
Decimals: 0	Maximum: 1283500
Range: 0-1283500	Mean: 1379.6
	Standard deviation: 29787.2

2.14 Number of trees susceptible to produce in these six months (s2q14)

File: SeasonA_2017_LSF_Screening

Overview

Type: Continuous	Valid cases: 2196
Format: numeric	Invalid: 1057
Width: 6	Minimum: 0
Decimals: 0	Maximum: 142611
Range: 0-142611	Mean: 130
	Standard deviation: 3205.4

2.15. Is this crop for this season ? (s2q15)

File: SeasonA_2017_LSF_Screening

Overview

Type: Discrete	Valid cases: 2196
Format: numeric	Invalid: 1057
Width: 1	
Decimals: 0	
Range: 1-2	

2.16. What is the expected period of haversing for this crop (s2q16)

File: SeasonA_2017_LSF_Screening

Overview

Type: Discrete	Valid cases: 2196
Format: numeric	Invalid: 1057
Width: 1	
Decimals: 0	
Range: 1-8	

Crop category based on major crops grown in Rwanda (crop_category)

File: SeasonA_2017_LSF_Screening

Overview

Type: Discrete	Valid cases: 2196
Format: numeric	Invalid: 1057
Width: 3	
Decimals: 0	
Range: 6-323	

1.0 Segment ID number (s1q0)

File: SeasonA_2017_SSF_Antierosion

Overview

Type: Continuous	Valid cases: 15191
Format: numeric	Invalid: 0
Width: 6	Minimum: 111103
Decimals: 0	Maximum: 572059
Range: 111103-572059	Mean: 380181.7
	Standard deviation: 136174.4

1.1.Province (s1q1)

File: SeasonA_2017_SSF_Antierosion

Overview

Type: Discrete	Valid cases: 15191
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

1.2.District (s1q2)

File: SeasonA_2017_SSF_Antierosion

Overview

Type: Discrete	Valid cases: 15191
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

1.3.Stratum (s1q3)

File: SeasonA_2017_SSF_Antierosion

Overview

Type: Discrete	Valid cases: 15191
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-40	

1.4 Segment number (s1q4)

File: SeasonA_2017_SSF_Antierosion

Overview

Type: Continuous	Valid cases: 15191
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 72
Range: 1-72	Mean: 17.9
	Standard deviation: 13.7

2.1.Plot No (s2q1)

File: SeasonA_2017_SSF_Antierosion

Overview

Type: Continuous	Valid cases: 15191
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 26
	Standard deviation: 15.4

2.2.Plot area(sqm) (s2q2)

File: SeasonA_2017_SSF_Antierosion

Overview

Type: Continuous	Valid cases: 15191
Format: numeric	Invalid: 0
Width: 16	Minimum: 20.2
Decimals: 0	Maximum: 49702.1
Range: 20.1970958709717-49702.0859375	Mean: 959.6
	Standard deviation: 1613.2

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

File: SeasonA_2017_SSF_Antierosion

Overview

Type: Discrete	Valid cases: 15188
Format: numeric	Invalid: 3
Width: 1	
Decimals: 0	
Range: 1-3	

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

File: SeasonA_2017_SSF_Antierosion

Overview

Type: Discrete	Valid cases: 15191
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

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

File: SeasonA_2017_SSF_Antierosion

Overview

Type: Discrete	Valid cases: 10876
Format: numeric	Invalid: 4315
Width: 1	
Decimals: 0	
Range: 1-9	

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

File: SeasonA_2017_SSF_Antierosion

Overview

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

Valid cases: 10842
 Invalid: 4349

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

File: SeasonA_2017_SSF_Antierosion

Overview

Type: Continuous
 Format: numeric
 Width: 6
 Decimals: 0
 Range: 0-130000

Valid cases: 1446
 Invalid: 13745
 Minimum: 0
 Maximum: 130000
 Mean: 1140.3
 Standard deviation: 6526

1.0 Segment ID number (s1q0)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 27740
Format: numeric	Invalid: 0
Width: 6	Minimum: 111103
Decimals: 0	Maximum: 572059
Range: 111103-572059	Mean: 391220.4
	Standard deviation: 139643.8

1.1 Province (s1q1)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 27740
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 27740
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

1.3 Stratum (s1q3)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 27740
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-50	

1.4 Segment number (s1q4)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 27740
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 72
Range: 1-72	Mean: 18.7
	Standard deviation: 14

2.1 Plot number (s2q1)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 27740
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 26.1
	Standard deviation: 15.6

2.2 Plot area in square meters (s2q2)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 27740
Format: numeric	Invalid: 0
Width: 16	Minimum: 20.2
Decimals: 0	Maximum: 49702.1
Range: 20.1970958709717-49702.0859375	Mean: 1084
	Standard deviation: 1658

2.4 Cropping system in the plot (s2q4)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 27740
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

2.5 Number of main crops in the plot (s2q5)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 27740
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-8	

2.6 Crop name (s2q6)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 27740
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: 97-519	

2.7.crop area in square meters (s2q7)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 27740
Format: numeric	Invalid: 0
Width: 15	Minimum: 1.7
Decimals: 0	Maximum: 48010.8
Range: 1.6556783914566-48010.83203125	Mean: 495.3
	Standard deviation: 1054.7

2.8 Number of trees in case of plantation (s2q8)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 6712
Format: numeric	Invalid: 21028
Width: 5	Minimum: 1
Decimals: 0	Maximum: 22300
Range: 1-22300	Mean: 70.4
	Standard deviation: 316.6

2.9 Number of trees susceptible to produce in six months (s2q9)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 6712
Format: numeric	Invalid: 21028
Width: 4	Minimum: 0
Decimals: 0	Maximum: 5750
Range: 0-5750	Mean: 22.5
	Standard deviation: 145.6

2.10 Sowing date (s2q10)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 27740
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-14	

2.11 Harvesting date (s2q11)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 27729
Format: numeric	Invalid: 11
Width: 2	
Decimals: 0	
Range: 1-15	

2.12.Type of seeds sown (s2q12)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 27740
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-3	

2.13.1.Quantity of traditional seeds sown : Unity (s2q13_1)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 25706
Format: numeric	Invalid: 2034
Width: 1	
Decimals: 0	
Range: 1-3	

2.13.2.Quantity of traditional seeds sown : Quantity (s2q13_2)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 14880
Format: numeric	Invalid: 12860
Width: 4	Minimum: 0
Decimals: 0	Maximum: 7200
Range: 0-7200	Mean: 35.4
	Standard deviation: 126.5

2.14.Quantity of traditional seeds purchased (s2q14)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 14873
Format: numeric	Invalid: 12867
Width: 4	Minimum: 0
Decimals: 0	Maximum: 3000
Range: 0-3000	Mean: 12.8
	Standard deviation: 71

2.15.Amount spent for the purchase of traditional seeds(Rwf) (s2q15)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 17747
Format: numeric	Invalid: 9993
Width: 6	Minimum: 0
Decimals: 0	Maximum: 720000
Range: 0-720000	Mean: 2050.4
	Standard deviation: 13980.1

2.16.1.Quantity of improved seeds sown : Unity (s2q16_1)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 2179
Format: numeric	Invalid: 25561
Width: 1	
Decimals: 0	
Range: 1-3	

2.16.2.Quantity of improved seeds sown : Quantity (s2q16_2)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 2001
Format: numeric	Invalid: 25739
Width: 4	Minimum: 0
Decimals: 0	Maximum: 2400
Range: 0-2400	Mean: 48.1
	Standard deviation: 146.5

2.17.Quantity of improved seeds purchased (s2q17)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 2002
Format: numeric	Invalid: 25738
Width: 3	Minimum: 0
Decimals: 0	Maximum: 800
Range: 0-800	Mean: 43.4
	Standard deviation: 133.3

2.18.Amount spent for the purchase of improved seeds(Rwf) (s2q18)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 2132
Format: numeric	Invalid: 25608
Width: 6	Minimum: 0
Decimals: 0	Maximum: 480000
Range: 0-480000	Mean: 2717.7
	Standard deviation: 19439.9

2.19.Where did improved seeds sown come from ? (s2q19)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 2147
Format: numeric	Invalid: 25593
Width: 1	
Decimals: 0	
Range: 1-4	

2.20 Quantity already harvested in(kg) (s2q20)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 27740
Format: numeric	Invalid: 0
Width: 5	Minimum: 0
Decimals: 0	Maximum: 16380
Range: 0-16380	Mean: 71.1
	Standard deviation: 269.7

2.21 Remaining quantity to be harvested (in kg) (s2q21)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 27740
Format: numeric	Invalid: 0
Width: 5	Minimum: 0
Decimals: 0	Maximum: 15150
Range: 0-15150	Mean: 59.6
	Standard deviation: 342.5

2.22 Total quantity of harvest (in kg) (s2q22)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 27740
Format: numeric	Invalid: 0
Width: 5	Minimum: 0.2
Decimals: 0	Maximum: 16380
Range: 0.2-16380	Mean: 130.7
	Standard deviation: 444.3

2.23 Explanation on production status (s2q23)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 27740
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-13	

2.24 Have you sold any quantity of your produce of this crop (s2q24)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 27735
Format: numeric	Invalid: 5
Width: 1	
Decimals: 0	
Range: 1-2	

2.25 What was the farm gate price of this crop? (s2q25)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 3280
Format: numeric	Invalid: 24460
Width: 4	Minimum: 0
Decimals: 0	Maximum: 9500
Range: 0-9500	Mean: 294.8
	Standard deviation: 580.1

Crop category based on major crop grown in rwanda (crop_group)

File: SeasonA_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 27740
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: 6-519	

1.0 Segment ID number (s1q0)

File: SeasonA_2017_SSF_Fertilizers

Overview

Type: Continuous	Valid cases: 14855
Format: numeric	Invalid: 0
Width: 6	Minimum: 111103
Decimals: 0	Maximum: 572059
Range: 111103-572059	Mean: 386205.9
	Standard deviation: 134762.6

1.1 Province (s1q1)

File: SeasonA_2017_SSF_Fertilizers

Overview

Type: Discrete	Valid cases: 14855
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File: SeasonA_2017_SSF_Fertilizers

Overview

Type: Discrete	Valid cases: 14855
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

1.3 Stratum (s1q3)

File: SeasonA_2017_SSF_Fertilizers

Overview

Type: Discrete	Valid cases: 14855
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-50	

1.4 Segment number (s1q4)

File: SeasonA_2017_SSF_Fertilizers

Overview

Type: Continuous	Valid cases: 14855
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 72
Range: 1-72	Mean: 18.5
	Standard deviation: 14.3

2.1 Plot number (s2q1)

File: SeasonA_2017_SSF_Fertilizers

Overview

Type: Continuous	Valid cases: 14855
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 26
	Standard deviation: 15.4

2.2. Plot area(sqm) (s2q2)

File: SeasonA_2017_SSF_Fertilizers

Overview

Type: Continuous	Valid cases: 14855
Format: numeric	Invalid: 0
Width: 16	Minimum: 20.2
Decimals: 0	Maximum: 49702.1
Range: 20.1970958709717-49702.0859375	Mean: 972.9
	Standard deviation: 1672.7

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

File: SeasonA_2017_SSF_Fertilizers

Overview

Type: Discrete	Valid cases: 14855
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-9	

3.2 Quantity of organic fertilizer used (in kg) (s3q2)

File: SeasonA_2017_SSF_Fertilizers

Overview

Type: Continuous	Valid cases: 7517
Format: numeric	Invalid: 7338
Width: 4	Minimum: 0
Decimals: 0	Maximum: 9999
Range: 0-9999	Mean: 467.5
	Standard deviation: 775.3

3.3 Quantity of organic fertilizer purchased (in kg) (s3q3)

File: SeasonA_2017_SSF_Fertilizers

Overview

3.3 Quantity of organic fertilizer purchased (in kg) (s3q3)

File: SeasonA_2017_SSF_Fertilizers

Type: Continuous	Valid cases: 7517
Format: numeric	Invalid: 7338
Width: 4	Minimum: 0
Decimals: 0	Maximum: 9999
Range: 0-9999	Mean: 124.5
	Standard deviation: 550.5

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

File: SeasonA_2017_SSF_Fertilizers

Overview

Type: Continuous	Valid cases: 1331
Format: numeric	Invalid: 13524
Width: 6	Minimum: 0
Decimals: 0	Maximum: 600000
Range: 0-600000	Mean: 11568.8
	Standard deviation: 25654.8

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

File: SeasonA_2017_SSF_Fertilizers

Overview

Type: Discrete	Valid cases: 14855
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-9	

3.6 Inorganic fertilizer (Type) (s3q6)

File: SeasonA_2017_SSF_Fertilizers

Overview

Type: Discrete	Valid cases: 4033
Format: numeric	Invalid: 10822
Width: 1	
Decimals: 0	
Range: 0-9	

3.7 Inorganic fertilizer (Unity) (s3q7)

File: SeasonA_2017_SSF_Fertilizers

Overview

Type: Discrete	Valid cases: 4025
Format: numeric	Invalid: 10830
Width: 1	
Decimals: 0	
Range: 1-3	

3.8 Total quantity of inorganic fertilizer used (s3q8)

File: SeasonA_2017_SSF_Fertilizers

Overview

Type: Continuous	Valid cases: 4010
Format: numeric	Invalid: 10845
Width: 4	Minimum: 0
Decimals: 0	Maximum: 6300
Range: 0.02-6300	Mean: 29.3
	Standard deviation: 180.8

3.9 Inorganic fertilizer (Qty purchased) (s3q9)

File: SeasonA_2017_SSF_Fertilizers

Overview

Type: Continuous	Valid cases: 4010
Format: numeric	Invalid: 10845
Width: 4	Minimum: 0
Decimals: 0	Maximum: 1500
Range: 0-1500	Mean: 22.1
	Standard deviation: 87.7

3.10 Inorganic fertilizer purchased (unity price/Rwf) (s3q10)

File: SeasonA_2017_SSF_Fertilizers

Overview

Type: Continuous	Valid cases: 3958
Format: numeric	Invalid: 10897
Width: 4	Minimum: 0
Decimals: 0	Maximum: 9500
Range: 0-9500	Mean: 556
	Standard deviation: 941.6

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

File: SeasonA_2017_SSF_Fertilizers

Overview

Type: Discrete	Valid cases: 4015
Format: numeric	Invalid: 10840
Width: 1	
Decimals: 0	
Range: 1-4	

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

File: SeasonA_2017_SSF_Fertilizers

Overview

Type: Discrete	Valid cases: 4001
Format: numeric	Invalid: 10854
Width: 3	
Decimals: 0	
Range: 97-519	

1.0 Segment ID number (s1q0)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 13325
Format: numeric	Invalid: 0
Width: 6	Minimum: 111103
Decimals: 0	Maximum: 572059
Range: 111103-572059	Mean: 385113.7
	Standard deviation: 136749.8

1.1.Province (s1q1)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 13325
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

1.2.District (s1q2)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 13325
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

1.3.Stratum (s1q3)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 13325
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-50	

1.4 Segment number (s1q4)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

1.4 Segment number (s1q4)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Type: Continuous	Valid cases: 13325
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 72
Range: 1-72	Mean: 18.3
	Standard deviation: 14

2.1.Plot number (s2q1)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 13325
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 26
	Standard deviation: 15.5

2.2.Plot area(sqm) (s2q2)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 13325
Format: numeric	Invalid: 0
Width: 16	Minimum: 20.2
Decimals: 0	Maximum: 49702.1
Range: 20.1970958709717-49702.0859375	Mean: 972.5
	Standard deviation: 1656.9

4.17.Has this plot been irrigated during this season? (s4q17)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 13325
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-9	

4.18.What is the source of water for irrigation? (s4q18)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

4.18. What is the source of water for irrigation? (s4q18)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

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

Valid cases: 542
 Invalid: 12783

4.19. What is irrigation techniques used on this plot? (s4q19)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-5

Valid cases: 537
 Invalid: 12788

4.20. What is the cost of hired labor used for irrigation technique? (s4q20)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous
 Format: numeric
 Width: 6
 Decimals: 0
 Range: 0-336000

Valid cases: 533
 Invalid: 12792
 Minimum: 0
 Maximum: 336000
 Mean: 2696.3
 Standard deviation: 15576.5

4.21. What was the main crop being irrigated (s4q21)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete
 Format: numeric
 Width: 3
 Decimals: 0
 Range: 97-519

Valid cases: 534
 Invalid: 12791

4.6. Is this plot fenced? (s4q6)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

4.6. Is this plot fenced? (s4q6)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Type: Discrete

Valid cases: 13325

Format: numeric

Invalid: 0

Width: 1

Decimals: 0

Range: 1-9

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

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete

Valid cases: 247

Format: numeric

Invalid: 13078

Width: 1

Decimals: 0

Range: 1-2

4.8 Cost of fencing (Rwf) (s4q8)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous

Valid cases: 32

Format: numeric

Invalid: 13293

Width: 6

Minimum: 0

Decimals: 0

Maximum: 100000

Range: 0-100000

Mean: 10250

Standard deviation: 21361.7

4.9. Amount spent on hired labor to prepare land, sowing and any other activity (s4q9)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous

Valid cases: 13322

Format: numeric

Invalid: 3

Width: 6

Minimum: 0

Decimals: 0

Maximum: 884000

Range: 0-884000

Mean: 6736.2

Standard deviation: 22556.5

4.10. Have you used ploughing animals (oxen) during this season?
(s4q10)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 13325
Invalid: 0

4.11. Amount paid on rent of ploughing animals during this season (Rwf) (s4q11)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 0-20

Valid cases: 4
Invalid: 13321

4.12. Have you used a ploughing tractor during this season? (s4q12)
File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 13325
Invalid: 0

4.13. Amount paid on rent of ploughing tractor (Rwf) (s4q13)
File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous
Format: numeric
Width: 6
Decimals: 0
Range: 0-350000

Valid cases: 4
Invalid: 13321
Minimum: 0
Maximum: 350000
Mean: 197500
Standard deviation: 179884.2

4.14. Have you used any other other mechanical equipment during this season? (s4q14)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 13325
Invalid: 0

4.15. Name of other mechanical equipment used during this season (s4q15)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete
Format: character
Width: 15

Valid cases: 1
Invalid: 0

4.16. Rent cost for the other mechanical equipment (Rwf) (s4q16)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 0
Invalid: 13325

5.1. Is this plot owned or rented? (s5q1)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 13322
Invalid: 3

5.2. Ownership category (s5q2)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

5.2.Ownership category (s5q2)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Type: Discrete

Valid cases: 10786

Format: numeric

Invalid: 2539

Width: 1

Decimals: 0

Range: 1-4

5.3.When has this plot been brought? (s5q3)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete

Valid cases: 4021

Format: numeric

Invalid: 9304

Width: 1

Decimals: 0

Range: 1-3

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

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous

Valid cases: 139

Format: numeric

Invalid: 13186

Width: 7

Minimum: 0

Decimals: 0

Maximum: 4000000

Range: 0-4000000

Mean: 460675.6

Standard deviation: 691733.8

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

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete

Valid cases: 1731

Format: numeric

Invalid: 11594

Width: 1

Decimals: 0

Range: 1-3

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

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 1424
Format: numeric	Invalid: 11901
Width: 6	Minimum: 0
Decimals: 0	Maximum: 350000
Range: 0-350000	Mean: 9823.8
	Standard deviation: 19461

5.7.1.What are crops in this plot that have been chosen for production share for (s5q7_1)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 264
Format: numeric	Invalid: 13061
Width: 3	
Decimals: 0	
Range: 97-519	

5.8.1.If the rented plot was paid by production share,what is the percentage sha (s5q8_1)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 260
Format: numeric	Invalid: 13065
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	Mean: 48.2
	Standard deviation: 10

5.7.2.What are crops in this plot that have been chosen for production share for (s5q7_2)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 254
Format: numeric	Invalid: 13071
Width: 3	
Decimals: 0	
Range: 97-999	

5.8.2.If the rented plot was paid by production share, what is the percentage sh (s5q8_2)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 138
Format: numeric	Invalid: 13187
Width: 2	Minimum: 1
Decimals: 0	Maximum: 80
Range: 1-80	Mean: 49.4
	Standard deviation: 6.4

5.7.3.What are crops in this plot that have been chosen for production share for (s5q7_3)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 138
Format: numeric	Invalid: 13187
Width: 3	
Decimals: 0	
Range: 97-999	

5.8.3.If the rented plot was paid by production share, what is the percentage sh (s5q8_3)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 35
Format: numeric	Invalid: 13290
Width: 2	
Decimals: 0	
Range: 50-50	

5.7.4.What are crops in this plot that have been chosen for production share for (s5q7_4)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 9
Format: numeric	Invalid: 13316
Width: 3	
Decimals: 0	
Range: 97-519	

5.8.4.If the rented plot was paid by production share, what is the percentage sh (s5q8_4)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 50-50

Valid cases: 5
Invalid: 13320

Crop category for major crops grown in Rwanda (crop_group)

File:

SeasonA_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 6-323

Valid cases: 534
Invalid: 12791

Segment identification (s1q0)

File: SeasonA_2017_SSF_Pesticides

Overview

Type: Continuous	Valid cases: 13828
Format: numeric	Invalid: 0
Width: 6	Minimum: 111103
Decimals: 0	Maximum: 572059
Range: 111103-572059	Mean: 385339.2
	Standard deviation: 135727.9

1.1.Province (s1q1)

File: SeasonA_2017_SSF_Pesticides

Overview

Type: Discrete	Valid cases: 13828
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

1.2.District (s1q2)

File: SeasonA_2017_SSF_Pesticides

Overview

Type: Discrete	Valid cases: 13828
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

1.3.Stratum (s1q3)

File: SeasonA_2017_SSF_Pesticides

Overview

Type: Discrete	Valid cases: 13828
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-40	

2.1.Plot number (s2q1)

File: SeasonA_2017_SSF_Pesticides

Overview

Type: Continuous	Valid cases: 13828
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 26.1
	Standard deviation: 15.5

2.2.Plot area(sqm) (s2q2)

File: SeasonA_2017_SSF_Pesticides

Overview

Type: Continuous	Valid cases: 13828
Format: numeric	Invalid: 0
Width: 16	Minimum: 20.2
Decimals: 0	Maximum: 49702.1
Range: 20.1970958709717-49702.0859375	Mean: 976.5
	Standard deviation: 1640.7

3.13.Have you used pesticide in this plot during this season (s3q13)

File: SeasonA_2017_SSF_Pesticides

Overview

Type: Discrete	Valid cases: 13825
Format: numeric	Invalid: 3
Width: 1	
Decimals: 0	
Range: 1-2	

3.14.Pesticide type (s3q14)

File: SeasonA_2017_SSF_Pesticides

Overview

Type: Discrete	Valid cases: 1864
Format: numeric	Invalid: 11964
Width: 1	
Decimals: 0	
Range: 1-9	

3.15.Pesticide unit (s3q15)

File: SeasonA_2017_SSF_Pesticides

Overview

Type: Discrete	Valid cases: 1856
Format: numeric	Invalid: 11972
Width: 1	
Decimals: 0	
Range: 1-4	

3.16.Pesticide: Total quantity used (s3q16)

File: SeasonA_2017_SSF_Pesticides

Overview

Type: Continuous	Valid cases: 1848
Format: numeric	Invalid: 11980
Width: 4	Minimum: 0
Decimals: 0	Maximum: 4000
Range: 0-4000	Mean: 75.7
	Standard deviation: 172.6

3.17.Pesticide: Quantity purchased (s3q17)

File: SeasonA_2017_SSF_Pesticides

Overview

Type: Continuous	Valid cases: 1850
Format: numeric	Invalid: 11978
Width: 4	Minimum: 0
Decimals: 0	Maximum: 4000
Range: 0-4000	Mean: 72.6
	Standard deviation: 166.2

3.18.Total amount spent on quantity of pesticide purchased(Rwf) (s3q18)

File: SeasonA_2017_SSF_Pesticides

Overview

Type: Continuous	Valid cases: 1829
Format: numeric	Invalid: 11999
Width: 5	Minimum: 0
Decimals: 0	Maximum: 99999
Range: 0-99999	Mean: 2969.8
	Standard deviation: 7219.7

1.0 Segment ID number (s1q0)

File: SeasonA_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 68212
Format: numeric	Invalid: 0
Width: 6	Minimum: 111102
Decimals: 0	Maximum: 572059
Range: 111102-572059	Mean: 390523
	Standard deviation: 139815.9

1.1 Province Name (s1q1)

File: SeasonA_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 68212
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

1.2 District Name (s1q2)

File: SeasonA_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 68212
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

1.3 Stratum (s1q3)

File: SeasonA_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 68212
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-30	

1.4 Segment number (s1q4)

File: SeasonA_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 68212
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 72
Range: 1-72	Mean: 18.8
	Standard deviation: 14.2

1.5 Date of visiting the segment (Date-Month-Year) (s1q5)

File: SeasonA_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 68187
Format: numeric	Invalid: 25
Width: 8	Minimum: 2012017
Decimals: 0	Maximum: 31122016
Range: 2012017-31122016	Mean: 17567799.6
	Standard deviation: 7718922.4

1.8 Number of grids in the segment (s1q8)

File: SeasonA_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 68212
Format: numeric	Invalid: 0
Width: 2	Minimum: 47
Decimals: 0	Maximum: 94
Range: 47-94	Mean: 52.1
	Standard deviation: 8.7

2.1 Sampled Grid point number (s2q1)

File: SeasonA_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 68212
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 99-99	

2.2 Plot Number (s2q2)

File: SeasonA_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 68212
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 26
	Standard deviation: 15.8

2.3 Plot size(square meters) (s2q3)

File: SeasonA_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 68212
Format: numeric	Invalid: 0
Width: 17	Minimum: -10475.4
Decimals: 0	Maximum: 523026.7
Range: -10475.3681640625-523026.6875	Mean: 1677.3
	Standard deviation: 10974

2.5 Number of grids in the same plot (s2q5)

File: SeasonA_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 68212
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 1.4
	Standard deviation: 2.5

2.6 Plot land use (s2q6)

File: SeasonA_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 68212
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 96-99	

2.7 Non-agricultural land type (s2q7)

File: SeasonA_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 4198
Format: numeric	Invalid: 64014
Width: 1	
Decimals: 0	
Range: 1-7	

2.8 Cropping system (s2q8)

File: SeasonA_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 58890
Format: numeric	Invalid: 9322
Width: 1	
Decimals: 0	
Range: 1-2	

2.9 Number of main crops in the plot (s2q9)

File: SeasonA_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 58890
Format: numeric	Invalid: 9322
Width: 1	
Decimals: 0	
Range: 1-8	

2.10 Crop type/Seasonal or perenial crop (s2q10)

File: SeasonA_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 58890
Format: numeric	Invalid: 9322
Width: 1	
Decimals: 0	
Range: 1-3	

2.11 Crop name (s2q11)

File: SeasonA_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 58890
Format: numeric	Invalid: 9322
Width: 3	
Decimals: 0	
Range: 97-519	

2.12.1 Crop proportion in (%) (s2q12_1)

File: SeasonA_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 58884
Format: numeric	Invalid: 9328
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	Mean: 49.9
	Standard deviation: 34.2

2.12.2 Crop proportion in (range) (s2q12_2)

File: SeasonA_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 58890
Format: numeric	Invalid: 9322
Width: 2	
Decimals: 0	
Range: 1-10	

2.13 Number of trees in case of plantation of perennial crops (s2q13)

File: SeasonA_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 22133
Format: numeric	Invalid: 46079
Width: 5	Minimum: 0
Decimals: 0	Maximum: 25000
Range: 0-25000	Mean: 145.2
	Standard deviation: 523.5

2.14 Number of trees susceptible to produce in these six months (s2q14)

File: SeasonA_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 22133
Format: numeric	Invalid: 46079
Width: 5	Minimum: 0
Decimals: 0	Maximum: 11785
Range: 0-11785	Mean: 25.9
	Standard deviation: 243.9

2.15 Is this crop for this season ? (s2q15)

File: SeasonA_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 58890
Format: numeric	Invalid: 9322
Width: 1	
Decimals: 0	
Range: 1-2	

2.16 What is the expected period of harvesting for this crop? (s2q16)

File: SeasonA_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 58867
Format: numeric	Invalid: 9345
Width: 1	
Decimals: 0	
Range: 1-8	

Crop category based on major crops grown in Rwanda (crop_category)

File: SeasonA_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 58890
Format: numeric	Invalid: 9322
Width: 3	
Decimals: 0	
Range: 6-519	

Segment weight (WH_Sgt)

File: SeasonA_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 68212
Format: numeric	Invalid: 0
Width: 15	Minimum: 1
Decimals: 0	Maximum: 340.1
Range: 1-340.14544463003	Mean: 180.7
	Standard deviation: 84.7

Plot weight (WH_Plot)

File: SeasonA_2017_SSF_Screening

Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 3.5092465877533-2161.38232421875

Valid cases: 68212
Invalid: 0
Minimum: 3.5
Maximum: 2161.4
Mean: 553.7
Standard deviation: 376.4

total segment size in ha (Sgt_size)

File: SeasonA_2017_SSF_Screening

Overview

Type: Continuous
Format: numeric
Width: 13
Decimals: 0
Range: 9.4656297422-52.8776296499

Valid cases: 68212
Invalid: 0
Minimum: 9.5
Maximum: 52.9
Mean: 12
Standard deviation: 8.8

Larger scale farmer's Identification (LSF_ID)

File: SeasonB_2017_LSF_Antierosion

Overview

Type: Continuous	Valid cases: 1204
Format: numeric	Invalid: 0
Width: 5	Minimum: 12001
Decimals: 0	Maximum: 57033
Range: 12001-57033	Mean: 40375
	Standard deviation: 17036

1.1 Province (s1q1)

File: SeasonB_2017_LSF_Antierosion

Overview

Type: Discrete	Valid cases: 1204
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File: SeasonB_2017_LSF_Antierosion

Overview

Type: Discrete	Valid cases: 1204
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

2.1 Plot number (s2q1)

File: SeasonB_2017_LSF_Antierosion

Overview

Type: Continuous	Valid cases: 1204
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 75
Range: 1-75	Mean: 11.5
	Standard deviation: 12

2.2 Plot size in (m2) (s2q2)

File: SeasonB_2017_LSF_Antierosion

Overview

Type: Continuous	Valid cases: 1204
Format: numeric	Invalid: 0
Width: 7	Minimum: 109.9
Decimals: 0	Maximum: 8881991
Range: 109.85-8881991	Mean: 171696.5
	Standard deviation: 711100

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

File: SeasonB_2017_LSF_Antierosion

Overview

Type: Discrete	Valid cases: 1204
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-3	

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

File: SeasonB_2017_LSF_Antierosion

Overview

Type: Discrete	Valid cases: 1204
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

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

File: SeasonB_2017_LSF_Antierosion

Overview

Type: Discrete	Valid cases: 762
Format: numeric	Invalid: 442
Width: 1	
Decimals: 0	
Range: 0-9	

Was this anti-erosion activity done in this season? (s4q4)

File: SeasonB_2017_LSF_Antierosion

Overview

Type: Discrete	Valid cases: 763
Format: numeric	Invalid: 441
Width: 1	
Decimals: 0	
Range: 1-2	

What is the total cost of this anti-erosion activity in this season? (s4q5)

File: SeasonB_2017_LSF_Antierosion

Overview

Type: Continuous	Valid cases: 133
Format: numeric	Invalid: 1071
Width: 8	Minimum: 0
Decimals: 0	Maximum: 18000000
Range: 0-18000000	Mean: 521681.9
	Standard deviation: 1933907.4

Larger scale farmer's Identification (LSF_ID)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 1591
Format: numeric	Invalid: 0
Width: 5	Minimum: 12001
Decimals: 0	Maximum: 57033
Range: 12001-57033	Mean: 41478.3
	Standard deviation: 17007.6

1.1 Province (s1q1)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Discrete	Valid cases: 1591
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Discrete	Valid cases: 1591
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

2.1 Plot number (s2q1)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 1591
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 75
Range: 1-75	Mean: 11.7
	Standard deviation: 12.1

2.2 Plot area in square meters (s2q2)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 1591
Format: numeric	Invalid: 0
Width: 7	Minimum: 109.9
Decimals: 0	Maximum: 8881991
Range: 109.85-8881991	Mean: 123137.1
	Standard deviation: 595951.2

2.4 Cropping system in the plot (s2q4)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Discrete	Valid cases: 1591
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

2.5 Number of main crops in the plot (s2q5)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Discrete	Valid cases: 1591
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-9	

2.6 Crop name (s2q6)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Discrete	Valid cases: 1591
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: 97-519	

2.7.crop area in square meters (s2q7)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 1591
Format: numeric	Invalid: 0
Width: 15	Minimum: 3.3
Decimals: 0	Maximum: 7820359
Range: 3.2532000541687-7820359	Mean: 101368.4
	Standard deviation: 540085

2.8 Number of trees in case of plantation (s2q8)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 562
Format: numeric	Invalid: 1029
Width: 7	Minimum: 1
Decimals: 0	Maximum: 1177780
Range: 1-1177780	Mean: 3883.6
	Standard deviation: 51571.6

2.9 Number of trees susceptible to produce in six months (s2q9)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 562
Format: numeric	Invalid: 1029
Width: 7	Minimum: 0
Decimals: 0	Maximum: 1177780
Range: 0-1177780	Mean: 3457.4
	Standard deviation: 51425.8

2.10 Sowing date (s2q10)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Discrete	Valid cases: 1239
Format: numeric	Invalid: 352
Width: 1	
Decimals: 0	
Range: 1-7	

2.11 Expected period of harvesting (s2q11)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Discrete	Valid cases: 1240
Format: numeric	Invalid: 351
Width: 1	
Decimals: 0	
Range: 1-9	

2.12 Type of seeds sown (s2q12)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Discrete	Valid cases: 1240
Format: numeric	Invalid: 351
Width: 1	
Decimals: 0	
Range: 1-3	

2.13.1 Quantity of traditional seeds sown (unit) (s2q13_1)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Discrete	Valid cases: 756
Format: numeric	Invalid: 835
Width: 1	
Decimals: 0	
Range: 1-3	

2.13.2 Quantity of traditional seeds sown (quantity) (s2q13_2)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 442
Format: numeric	Invalid: 1149
Width: 5	Minimum: 0
Decimals: 0	Maximum: 25857
Range: 0-25857	Mean: 436.1
	Standard deviation: 1736.5

2.14 Quantity of traditional seeds purchased (s2q14)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 441
Format: numeric	Invalid: 1150
Width: 8	Minimum: 0
Decimals: 0	Maximum: 11644.1
Range: 0-11644.11	Mean: 177.8
	Standard deviation: 1052.8

2.15 Amount spent for the purchase of traditional seeds(Rwf) (s2q15)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 482
Format: numeric	Invalid: 1109
Width: 7	Minimum: 0
Decimals: 0	Maximum: 4075438
Range: 0-4075438	Mean: 46832.4
	Standard deviation: 293733.1

2.16.2 Quantity of improved seeds sown (unity) (s2q16_1)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Discrete	Valid cases: 513
Format: numeric	Invalid: 1078
Width: 1	
Decimals: 0	
Range: 1-3	

2.16.2 Quantity of improved seeds sown (quantity) (s2q16_2)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 452
Format: numeric	Invalid: 1139
Width: 5	Minimum: 0
Decimals: 0	Maximum: 48606
Range: 0-48606	Mean: 1192.8
	Standard deviation: 4222.3

2.17 Quantity of improved seeds purchased (s2q17)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 451
Format: numeric	Invalid: 1140
Width: 5	Minimum: 0
Decimals: 0	Maximum: 26138
Range: 0-26138	Mean: 872.5
	Standard deviation: 2843.3

2.18 Amount spent for the purchase of improved seeds (s2q18)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 497
Format: numeric	Invalid: 1094
Width: 7	Minimum: 0
Decimals: 0	Maximum: 8400000
Range: 0-8400000	Mean: 309175.9
	Standard deviation: 973131

2.19 Where did improved seeds sown come from ? (s2q19)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Discrete	Valid cases: 495
Format: numeric	Invalid: 1096
Width: 1	
Decimals: 0	
Range: 1-4	

2.20 Quantity already harvested (in Kg) (s2q20)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 1240
Format: numeric	Invalid: 351
Width: 10	Minimum: 0
Decimals: 0	Maximum: 1534182.9
Range: 0-1534182.88	Mean: 10017.1
	Standard deviation: 72753.2

2.21 Remaining quantity to be harvested (in kg) (s2q21)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 1240
Format: numeric	Invalid: 351
Width: 7	Minimum: 0
Decimals: 0	Maximum: 2988660
Range: 0-2988660	Mean: 46713.9
	Standard deviation: 236754.7

2.22 Total quantity of harvest (in kg) (s2q22)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 1591
Format: numeric	Invalid: 0
Width: 7	Minimum: 0
Decimals: 0	Maximum: 2988660
Range: 0-2988660	Mean: 44377.5
	Standard deviation: 234553

q.2.23 Explanation on production status (s2q23)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Discrete	Valid cases: 1239
Format: numeric	Invalid: 352
Width: 2	
Decimals: 0	
Range: 1-13	

2.24 Have you sold any quantity of your produce of this crop during this season? (s2q24)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Discrete	Valid cases: 1239
Format: numeric	Invalid: 352
Width: 1	
Decimals: 0	
Range: 1-2	

2.25 What was the farm gate price of this crop? (frw/Kg) (s2q25)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Continuous	Valid cases: 143
Format: numeric	Invalid: 1448
Width: 4	Minimum: 50
Decimals: 0	Maximum: 2300
Range: 50-2300	Mean: 392.9
	Standard deviation: 494.9

Crop category for major crops grown in Rwanda (crop_group)

File: SeasonB_2017_LSF_Crop production

Overview

Type: Discrete	Valid cases: 1591
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: 6-323	

Larger scale farmer's Identification (LSF_ID)

File: SeasonB_2017_LSF_Fertilizers

Overview

Type: Continuous	Valid cases: 1248
Format: numeric	Invalid: 0
Width: 5	Minimum: 12001
Decimals: 0	Maximum: 57033
Range: 12001-57033	Mean: 40197.9
	Standard deviation: 17289.5

1.1 Province (s1q1)

File: SeasonB_2017_LSF_Fertilizers

Overview

Type: Discrete	Valid cases: 1248
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File: SeasonB_2017_LSF_Fertilizers

Overview

Type: Discrete	Valid cases: 1248
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

2.1 Plot number (s2q1)

File: SeasonB_2017_LSF_Fertilizers

Overview

Type: Continuous	Valid cases: 1248
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 75
Range: 1-75	Mean: 11
	Standard deviation: 12.2

2.2 Plot size in (m2) (s2q2)

File: SeasonB_2017_LSF_Fertilizers

Overview

Type: Continuous	Valid cases: 1248
Format: numeric	Invalid: 0
Width: 7	Minimum: 109.9
Decimals: 0	Maximum: 8881991
Range: 109.85-8881991	Mean: 286602.1
	Standard deviation: 971126

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

File: SeasonB_2017_LSF_Fertilizers

Overview

Type: Discrete	Valid cases: 1248
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

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

File: SeasonB_2017_LSF_Fertilizers

Overview

Type: Continuous	Valid cases: 416
Format: numeric	Invalid: 832
Width: 6	Minimum: 20
Decimals: 0	Maximum: 902560
Range: 20-902560	Mean: 34180.4
	Standard deviation: 114589.4

3.3 Quantity of Organic fertilizer purchased (in Kg) (s3q3)

File: SeasonB_2017_LSF_Fertilizers

Overview

Type: Continuous	Valid cases: 413
Format: numeric	Invalid: 835
Width: 6	Minimum: 0
Decimals: 0	Maximum: 631792
Range: 0-631792	Mean: 16832.6
	Standard deviation: 71474.2

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

File: SeasonB_2017_LSF_Fertilizers

Overview

Type: Continuous	Valid cases: 147
Format: numeric	Invalid: 1101
Width: 8	Minimum: 0
Decimals: 0	Maximum: 12635840
Range: 0-12635840	Mean: 692709.8
	Standard deviation: 2369634.9

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

File: SeasonB_2017_LSF_Fertilizers

Overview

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

File: SeasonB_2017_LSF_Fertilizers

Type: Discrete	Valid cases: 1248
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

3.6 Inorganic fertilizer type (s3q6)

File: SeasonB_2017_LSF_Fertilizers

Overview

Type: Discrete	Valid cases: 560
Format: numeric	Invalid: 688
Width: 1	
Decimals: 0	
Range: 0-9	

3.7 Inorganic fertilizer (unity) (s3q7)

File: SeasonB_2017_LSF_Fertilizers

Overview

Type: Discrete	Valid cases: 560
Format: numeric	Invalid: 688
Width: 1	
Decimals: 0	
Range: 1-3	

3.8 Total quantity of inorganic fertilizer used (s3q8)

File: SeasonB_2017_LSF_Fertilizers

Overview

Type: Continuous	Valid cases: 557
Format: numeric	Invalid: 691
Width: 7	Minimum: 0
Decimals: 0	Maximum: 3926000
Range: 0-3926000	Mean: 11858.3
	Standard deviation: 166596.4

3.9 Quantity of inorganic fertilizer purchased (s3q9)

File: SeasonB_2017_LSF_Fertilizers

Overview

Type: Continuous	Valid cases: 556
Format: numeric	Invalid: 692
Width: 6	Minimum: 0
Decimals: 0	Maximum: 120000
Range: 0-120000	Mean: 5155.2
	Standard deviation: 12996

3.10 Unit price for Inorganic fertilizer (s3q10)

File: SeasonB_2017_LSF_Fertilizers

Overview

Type: Continuous	Valid cases: 528
Format: numeric	Invalid: 720
Width: 5	Minimum: 0
Decimals: 0	Maximum: 40000
Range: 0-40000	Mean: 979.4
	Standard deviation: 2930.4

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

File: SeasonB_2017_LSF_Fertilizers

Overview

Type: Discrete	Valid cases: 558
Format: numeric	Invalid: 690
Width: 1	
Decimals: 0	
Range: 1-4	

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

File: SeasonB_2017_LSF_Fertilizers

Overview

Type: Discrete	Valid cases: 551
Format: numeric	Invalid: 697
Width: 3	
Decimals: 0	
Range: 97-519	

Larger scale farmer's Identification (LSF_ID)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 1019
Format: numeric	Invalid: 0
Width: 5	Minimum: 12001
Decimals: 0	Maximum: 57033
Range: 12001-57033	Mean: 40302.3
	Standard deviation: 17412.6

1.1 Province (s1q1)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 1019
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 1019
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

2.1 Plot number (s2q1)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 1019
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 75
Range: 1-75	Mean: 12
	Standard deviation: 12.6

2.2 Plot size in (m2) (s2q2)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

2.2 Plot size in (m2) (s2q2)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 1019
Format: numeric	Invalid: 0
Width: 7	Minimum: 109.9
Decimals: 0	Maximum: 8881991
Range: 109.85-8881991	Mean: 175337.9
	Standard deviation: 737778.2

4.17 Has this plot been irrigated during this season? (s4q17)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 1019
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

4.18 What is the source of water for irrigation? (s4q18)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 211
Format: numeric	Invalid: 808
Width: 1	
Decimals: 0	
Range: 1-8	

4.19 What is irrigation technique used on this plot? (s4q19)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 211
Format: numeric	Invalid: 808
Width: 1	
Decimals: 0	
Range: 1-4	

4.20 What is the cost of hired labor used for irrigation? (s4q20)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

4.20 What is the cost of hired labor used for irrigation? (s4q20)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Type: Continuous	Valid cases: 211
Format: numeric	Invalid: 808
Width: 8	Minimum: 0
Decimals: 0	Maximum: 48606400
Range: 0-48606400	Mean: 1604906.2
	Standard deviation: 5556483.4

4.21 What was the main crop to irrigate? (s4q21)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 211
Format: numeric	Invalid: 808
Width: 3	
Decimals: 0	
Range: 97-519	

4.6 Is this plot fenced? (s4q6)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 1016
Format: numeric	Invalid: 3
Width: 1	
Decimals: 0	
Range: 1-2	

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

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 318
Format: numeric	Invalid: 701
Width: 1	
Decimals: 0	
Range: 1-2	

4.8 Fencing Activity cost (RWF) (s4q8)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

4.8 Fencing Activity cost (RWF) (s4q8)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Type: Continuous	Valid cases: 28
Format: numeric	Invalid: 991
Width: 6	Minimum: 1800
Decimals: 0	Maximum: 351660
Range: 1800-351660	Mean: 71756.5
	Standard deviation: 103094.5

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

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 1017
Format: numeric	Invalid: 2
Width: 9	Minimum: 0
Decimals: 0	Maximum: 306180000
Range: 0-306180000	Mean: 2680093.9
	Standard deviation: 17361114.3

4.10 Have you used ploughing animals (oxen) during this season? (s4q10)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 1017
Format: numeric	Invalid: 2
Width: 1	
Decimals: 0	
Range: 1-2	

4.11 Amount paid on rent of ploughing animals during this season(Rwf) (s4q11)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 1
Format: numeric	Invalid: 1018
Width: 6	
Decimals: 0	
Range: 214500-214500	

4.12 Have you used a ploughing tractor during this season? (s4q12)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 1017
 Invalid: 2

4.13 Amount paid on rent of ploughing tractor (Rwf) (s4q13)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous
 Format: numeric
 Width: 7
 Decimals: 0
 Range: 0-7111650

Valid cases: 92
 Invalid: 927
 Minimum: 0
 Maximum: 7111650
 Mean: 573158.3
 Standard deviation: 1045980.4

4.14 Have you used any other mechanical equipment during this season? (s4q14)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 1017
 Invalid: 2

4.15 Name of other mechanical equipment used during this season (s4q15)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete
 Format: character
 Width: 11

Valid cases: 3

4.16 Rent cost for the other mechanical equipment (Rwf) (s4q16)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

4.16 Rent cost for the other mechanical equipment (Rwf) (s4q16)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 3
Format: numeric	Invalid: 1016
Width: 1	
Decimals: 0	
Range: 0-0	

5.1 Is this plot owned or rented? (s5q1)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 1016
Format: numeric	Invalid: 3
Width: 1	
Decimals: 0	
Range: 1-3	

5.2 Ownership category (s5q2)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 784
Format: numeric	Invalid: 235
Width: 1	
Decimals: 0	
Range: 1-4	

5.3 When has this plot been bought? (s5q3)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 569
Format: numeric	Invalid: 450
Width: 1	
Decimals: 0	
Range: 1-3	

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

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Type: Continuous	Valid cases: 6
Format: numeric	Invalid: 1013
Width: 7	Minimum: 250000
Decimals: 0	Maximum: 6050595
Range: 250000-6050595	Mean: 1691666.7
	Standard deviation: 2331841.1

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

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 105
Format: numeric	Invalid: 914
Width: 1	
Decimals: 0	
Range: 1-3	

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

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 103
Format: numeric	Invalid: 916
Width: 8	Minimum: 600
Decimals: 0	Maximum: 16590000
Range: 600-16590000	Mean: 2017076.6
	Standard deviation: 3072371.5

5.7.1 What crop in this plot that have been chosen for production share for this (s5q7_1)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 2
Format: numeric	Invalid: 1017
Width: 3	
Decimals: 0	
Range: 97-519	

5.7.2 What crop in this plot that have been chosen for production share for this (s5q7_2)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 97-519

Valid cases: 0
Invalid: 1019

5.7.3 What crop in this plot that have been chosen for production share for this (s5q7_3)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 97-519

Valid cases: 0
Invalid: 1019

5.7.3 What crop in this plot that have been chosen for production share for this (s5q7_4)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 97-519

Valid cases: 0
Invalid: 1019

5.8.1 If the rented plot was paid by production share, what is the percentage sh (s5q8_1)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 0
Invalid: 1019

5.8.2 If the rented plot was paid by production share, what is the percentage sh (s5q8_2)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 0
Invalid: 1019

5.8.3 If the rented plot was paid by production share, what is the percentage sh (s5q8_3)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 0
Invalid: 1019

5.8.4 If the rented plot was paid by production share, what is the percentage sh (s5q8_4)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 0
Invalid: 1019

Crop category for major crops grown in Rwanda (crop_group)

File:

SeasonB_2017_LSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 6-519

Valid cases: 211
Invalid: 808

Larger scale farmer's Identification (LSF_ID)

File: SeasonB_2017_LSF_Pesticides

Overview

Type: Continuous	Valid cases: 1173
Format: numeric	Invalid: 0
Width: 5	Minimum: 12001
Decimals: 0	Maximum: 57033
Range: 12001-57033	Mean: 40142.5
	Standard deviation: 17357.6

1.1 Province (s1q1)

File: SeasonB_2017_LSF_Pesticides

Overview

Type: Discrete	Valid cases: 1173
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File: SeasonB_2017_LSF_Pesticides

Overview

Type: Discrete	Valid cases: 1173
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

2.1 Plot number (s2q1)

File: SeasonB_2017_LSF_Pesticides

Overview

Type: Continuous	Valid cases: 1173
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 75
Range: 1-75	Mean: 11.2
	Standard deviation: 12.2

2.2 Plot size in (m2) (s2q2)

File: SeasonB_2017_LSF_Pesticides

Overview

Type: Continuous	Valid cases: 1173
Format: numeric	Invalid: 0
Width: 7	Minimum: 109.9
Decimals: 0	Maximum: 8881991
Range: 109.85-8881991	Mean: 260988.8
	Standard deviation: 943641.1

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

File: SeasonB_2017_LSF_Pesticides

Overview

Type: Discrete	Valid cases: 1171
Format: numeric	Invalid: 2
Width: 1	
Decimals: 0	
Range: 1-2	

3.14 Type of pesticide used (s3q14)

File: SeasonB_2017_LSF_Pesticides

Overview

Type: Discrete	Valid cases: 477
Format: numeric	Invalid: 696
Width: 2	
Decimals: 0	
Range: 1-10	

3.15 Pesticide type (unit) (s3q15)

File: SeasonB_2017_LSF_Pesticides

Overview

Type: Discrete	Valid cases: 476
Format: numeric	Invalid: 697
Width: 1	
Decimals: 0	
Range: 1-4	

3.16 Total quantity of pesticide used (s3q16)

File: SeasonB_2017_LSF_Pesticides

Overview

Type: Continuous	Valid cases: 476
Format: numeric	Invalid: 697
Width: 5	Minimum: 0
Decimals: 0	Maximum: 37000
Range: 0-37000	Mean: 248.1
	Standard deviation: 2001.3

3.17 Quantity of pesticide purchased (s3q17)

File: SeasonB_2017_LSF_Pesticides

Overview

Type: Continuous	Valid cases: 477
Format: numeric	Invalid: 696
Width: 5	Minimum: 0
Decimals: 0	Maximum: 21042
Range: 0-21042	Mean: 153.3
	Standard deviation: 1062.8

3.18 Total amount spent on quantity purchased (s3q18)

File: SeasonB_2017_LSF_Pesticides

Overview

Type: Continuous
Format: numeric
Width: 7
Decimals: 0
Range: 0-7592000

Valid cases: 455
Invalid: 718
Minimum: 0
Maximum: 7592000
Mean: 318159.5
Standard deviation: 904750.3

Larger scale farmer's Identification (LSF_ID)

File: SeasonB_2017_LSF_Screening

Overview

Type: Continuous	Valid cases: 2807
Format: numeric	Invalid: 0
Width: 5	Minimum: 12001
Decimals: 0	Maximum: 57033
Range: 12001-57033	Mean: 42034.5
	Standard deviation: 16257.5

1.1. Province (s1q1)

File: SeasonB_2017_LSF_Screening

Overview

Type: Discrete	Valid cases: 2807
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

1.2. District (s1q2)

File: SeasonB_2017_LSF_Screening

Overview

Type: Discrete	Valid cases: 2807
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

2.2. Plot number (s2q2)

File: SeasonB_2017_LSF_Screening

Overview

Type: Continuous	Valid cases: 2807
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 87
Range: 1-87	Mean: 13.5
	Standard deviation: 13.3

2.3 Plot size(square meters) (s2q3)

File: SeasonB_2017_LSF_Screening

Overview

Type: Continuous	Valid cases: 2807
Format: numeric	Invalid: 0
Width: 16	Minimum: 67.7
Decimals: 0	Maximum: 20144220
Range: 67.7099990844726-20144220	Mean: 105197
	Standard deviation: 694124.8

2.6. Plot land use (s2q6)

File: SeasonB_2017_LSF_Screening

Overview

Type: Discrete	Valid cases: 2807
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: 96-100	

2.7. Non-agricultural land type (s2q7)

File: SeasonB_2017_LSF_Screening

Overview

Type: Discrete	Valid cases: 711
Format: numeric	Invalid: 2096
Width: 1	
Decimals: 0	
Range: 1-7	

Cropping system (s2q8)

File: SeasonB_2017_LSF_Screening

Overview

Type: Discrete	Valid cases: 1716
Format: numeric	Invalid: 1091
Width: 1	
Decimals: 0	
Range: 1-2	

2.9 Number of main crops in the plot (s2q9)

File: SeasonB_2017_LSF_Screening

Overview

Type: Discrete	Valid cases: 1716
Format: numeric	Invalid: 1091
Width: 1	
Decimals: 0	
Range: 1-7	

2.10 Crop type (s2q10)

File: SeasonB_2017_LSF_Screening

Overview

Type: Discrete	Valid cases: 1716
Format: numeric	Invalid: 1091
Width: 1	
Decimals: 0	
Range: 1-3	

2.11.Crop name (s2q11)

File: SeasonB_2017_LSF_Screening

Overview

Type: Discrete	Valid cases: 1716
Format: numeric	Invalid: 1091
Width: 3	
Decimals: 0	
Range: 97-606	

2.12.1 Crop/fruit proportion (in %) (s2q12_1)

File: SeasonB_2017_LSF_Screening

Overview

Type: Continuous	Valid cases: 1716
Format: numeric	Invalid: 1091
Width: 3	Minimum: 5
Decimals: 0	Maximum: 100
Range: 5-100	Mean: 72.9
	Standard deviation: 33.8

2.12.2.Crop proportion code (s2q12_2)

File: SeasonB_2017_LSF_Screening

Overview

Type: Discrete	Valid cases: 1716
Format: numeric	Invalid: 1091
Width: 2	
Decimals: 0	
Range: 1-10	

2.13.Number of trees in case plantation of perennial crops/fruits (s2q13)

File: SeasonB_2017_LSF_Screening

Overview

Type: Continuous	Valid cases: 569
Format: numeric	Invalid: 2238
Width: 7	Minimum: 3
Decimals: 0	Maximum: 1177800
Range: 3-1177800	Mean: 6291.6
	Standard deviation: 55062.4

2.14 Number of trees susceptible to produce in these six months (s2q14)

File: SeasonB_2017_LSF_Screening

Overview

2.14 Number of trees susceptible to produce in these six months (s2q14)

File: SeasonB_2017_LSF_Screening

Type: Continuous	Valid cases: 569
Format: numeric	Invalid: 2238
Width: 7	Minimum: 0
Decimals: 0	Maximum: 1177800
Range: 0-1177800	Mean: 3771.5
	Standard deviation: 51305.2

2.15. Is this crop for this season? (1=Yes, 2=No) (s2q15)

File: SeasonB_2017_LSF_Screening

Overview

Type: Discrete	Valid cases: 1716
Format: numeric	Invalid: 1091
Width: 1	
Decimals: 0	
Range: 0-1	

2.16. What is the expected period for harvesting this crop (s2q16)

File: SeasonB_2017_LSF_Screening

Overview

Type: Discrete	Valid cases: 1505
Format: numeric	Invalid: 1302
Width: 1	
Decimals: 0	
Range: 0-7	

Crop category based on major crops grown in Rwanda (crop_category)

File: SeasonB_2017_LSF_Screening

Overview

Type: Discrete	Valid cases: 1716
Format: numeric	Invalid: 1091
Width: 3	
Decimals: 0	
Range: 6-519	

1.0 Segment ID number (s1q0)

File: SeasonB_2017_SSF_Antierosion

Overview

Type: Continuous	Valid cases: 13827
Format: numeric	Invalid: 0
Width: 6	Minimum: 111102
Decimals: 0	Maximum: 572059
Range: 111102-572059	Mean: 389316.5
	Standard deviation: 137499

1.1 Province (s1q1)

File: SeasonB_2017_SSF_Antierosion

Overview

Type: Discrete	Valid cases: 13827
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File: SeasonB_2017_SSF_Antierosion

Overview

Type: Discrete	Valid cases: 13827
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

1.3 Stratum (s1q3)

File: SeasonB_2017_SSF_Antierosion

Overview

Type: Discrete	Valid cases: 13827
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-30	

1.4 Segment number (s1q4)

File: SeasonB_2017_SSF_Antierosion

Overview

Type: Continuous	Valid cases: 13827
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 72
Range: 1-72	Mean: 18.7
	Standard deviation: 14.1

2.1 Plot number (s2q1)

File: SeasonB_2017_SSF_Antierosion

Overview

Type: Continuous	Valid cases: 13827
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 25.7
	Standard deviation: 15.5

2.2 Plot size in (m2) (s2q2)

File: SeasonB_2017_SSF_Antierosion

Overview

Type: Continuous	Valid cases: 13827
Format: numeric	Invalid: 0
Width: 9	Minimum: 16.3
Decimals: 0	Maximum: 97367.9
Range: 16.304659-97367.92	Mean: 1123.6
	Standard deviation: 2133.2

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

File: SeasonB_2017_SSF_Antierosion

Overview

Type: Discrete	Valid cases: 13827
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-3	

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

File: SeasonB_2017_SSF_Antierosion

Overview

Type: Discrete	Valid cases: 13827
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

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

File: SeasonB_2017_SSF_Antierosion

Overview

Type: Discrete	Valid cases: 9486
Format: numeric	Invalid: 4341
Width: 1	
Decimals: 0	
Range: 0-9	

Was this anti-erosion activity done in this season? (s4q4)

File: SeasonB_2017_SSF_Antierosion

Overview

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

Valid cases: 9495
Invalid: 4332

What is the total cost of this anti-erosion actity in this season? (s4q5)

File: SeasonB_2017_SSF_Antierosion

Overview

Type: Continuous
Format: numeric
Width: 6
Decimals: 0
Range: 0-150000

Valid cases: 1041
Invalid: 12786
Minimum: 0
Maximum: 150000
Mean: 1471.5
Standard deviation: 8468.3

1.0 Segment ID number (s1q0)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 25529
Format: numeric	Invalid: 0
Width: 6	Minimum: 111102
Decimals: 0	Maximum: 572059
Range: 111102-572059	Mean: 395660.5
	Standard deviation: 145556.4

1.1 Province (s1q1)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 25529
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 25529
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

1.3 Stratum (s1q3)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 25529
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-30	

1.4 Segment (s1q4)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 25529
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 72
Range: 1-72	Mean: 19.5
	Standard deviation: 14.5

2.1 Plot number (s2q1)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 25529
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 25.7
	Standard deviation: 15.7

2.2 Plot size in square meters (s2q2)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 25529
Format: numeric	Invalid: 0
Width: 9	Minimum: 16.3
Decimals: 0	Maximum: 97367.9
Range: 16.304659-97367.92	Mean: 1281.2
	Standard deviation: 2118

2.4 Cropping system in the plot (s2q4)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 25529
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

2.5 Number of main crops in the plot (s2q5)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 25529
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-13	

2.6 Crop name (s2q6)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 25529
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: 97-519	

2.7.crop area in square meters (s2q7)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 25529
Format: numeric	Invalid: 0
Width: 17	Minimum: 0.5
Decimals: 0	Maximum: 97367.9
Range: 0.546892821788788-97367.921875	Mean: 585.7
	Standard deviation: 1386.4

2.8 Number of trees in case of plantation (s2q8)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 8300
Format: numeric	Invalid: 17229
Width: 5	Minimum: 1
Decimals: 0	Maximum: 25613
Range: 1-25613	Mean: 107.6
	Standard deviation: 577.2

2.9 Number of trees susceptible to produce in six months (s2q9)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 8299
Format: numeric	Invalid: 17230
Width: 5	Minimum: 0
Decimals: 0	Maximum: 12786
Range: 0-12786	Mean: 63.9
	Standard deviation: 348.1

2.10 Sowing date (s2q10)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 22969
Format: numeric	Invalid: 2560
Width: 1	
Decimals: 0	
Range: 1-7	

2.12.Type of seeds sown (s2q12)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 22969
Format: numeric	Invalid: 2560
Width: 1	
Decimals: 0	
Range: 1-3	

2.13.1.Quantity of traditional seeds sown : Unity (s2q13_1)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 22067
Format: numeric	Invalid: 3462
Width: 1	
Decimals: 0	
Range: 1-3	

2.13.2.Quantity of traditional seeds sown : Quantity (s2q13_2)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 13170
Format: numeric	Invalid: 12359
Width: 4	Minimum: 0
Decimals: 0	Maximum: 6000
Range: 0-6000	Mean: 31.2
	Standard deviation: 114.4

2.14.Quantity of traditional seeds purchased (s2q14)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 13126
Format: numeric	Invalid: 12403
Width: 4	Minimum: 0
Decimals: 0	Maximum: 9000
Range: 0-9000	Mean: 10.4
	Standard deviation: 110.7

2.15.Amount spent for the purchase of traditional seeds(Rwf) (s2q15)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 13861
Format: numeric	Invalid: 11668
Width: 7	Minimum: 0
Decimals: 0	Maximum: 3600000
Range: 0-3600000	Mean: 2592.6
	Standard deviation: 34354.7

2.16.1.Quantity of improved seeds sown : Unity (s2q16_1)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 1105
Format: numeric	Invalid: 24424
Width: 1	
Decimals: 0	
Range: 1-3	

2.16.2.Quantity of improved seeds sown : Quantity (s2q16_2)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 1052
Format: numeric	Invalid: 24477
Width: 4	Minimum: 0
Decimals: 0	Maximum: 1500
Range: 0-1500	Mean: 41.3
	Standard deviation: 125.1

2.17.Quantity of improved seeds purchased (s2q17)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 983
Format: numeric	Invalid: 24546
Width: 4	Minimum: 0
Decimals: 0	Maximum: 1500
Range: 0-1500	Mean: 40.7
	Standard deviation: 125.4

2.18.Amount spent for the purchase of improved seeds(Rwf) (s2q18)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 1097
Format: numeric	Invalid: 24432
Width: 6	Minimum: 0
Decimals: 0	Maximum: 247200
Range: 0-247200	Mean: 3111.1
	Standard deviation: 13181.1

2.19.Where did improved seeds sown come from ? (s2q19)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 1102
Format: numeric	Invalid: 24427
Width: 1	
Decimals: 0	
Range: 1-4	

2.11 Expected period of harvesting (s2q11)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 22969
Format: numeric	Invalid: 2560
Width: 1	
Decimals: 0	
Range: 1-9	

2.20 Quantity already harvested (in Kg) (s2q20)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 22970
Format: numeric	Invalid: 2559
Width: 5	Minimum: 0
Decimals: 0	Maximum: 50000
Range: 0-50000	Mean: 68.4
	Standard deviation: 528.1

2.21 Remaining quantity to be harvested (in kg) (s2q21)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 22970
Format: numeric	Invalid: 2559
Width: 5	Minimum: 0
Decimals: 0	Maximum: 31500
Range: 0-31500	Mean: 85.2
	Standard deviation: 530.9

2.22 Total quantity of harvest (in kg) (s2q22)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 25529
Format: numeric	Invalid: 0
Width: 5	Minimum: 0
Decimals: 0	Maximum: 60000
Range: 0-60000	Mean: 141.1
	Standard deviation: 802.5

2.23 Explanation on production status (s2q23)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 22968
Format: numeric	Invalid: 2561
Width: 2	
Decimals: 0	
Range: 1-13	

2.24 Have you sold any quantity of your produce of this crop during this season? (s2q24)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 22968
Format: numeric	Invalid: 2561
Width: 1	
Decimals: 0	
Range: 1-2	

2.25 What was the farm gate price of this crop? (frw/Kg) (s2q25)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 2771
Format: numeric	Invalid: 22758
Width: 4	Minimum: 0
Decimals: 0	Maximum: 8000
Range: 0-8000	Mean: 258.4
	Standard deviation: 328.1

2.6 Crop name (crop_group)

File: SeasonB_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 25529
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: 6-323	

Segment Identification (s1q0)

File: SeasonB_2017_SSF_Fertilizers

Overview

Type: Continuous	Valid cases: 12938
Format: numeric	Invalid: 0
Width: 6	Minimum: 111102
Decimals: 0	Maximum: 572059
Range: 111102-572059	Mean: 391123.3
	Standard deviation: 138429.9

2.1 Plot number (s2q1)

File: SeasonB_2017_SSF_Fertilizers

Overview

Type: Continuous	Valid cases: 12938
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 25.8
	Standard deviation: 15.6

2.2. Plot area(sqm) (s2q2)

File: SeasonB_2017_SSF_Fertilizers

Overview

Type: Continuous	Valid cases: 12938
Format: numeric	Invalid: 0
Width: 9	Minimum: 16.3
Decimals: 0	Maximum: 97367.9
Range: 16.304659-97367.92	Mean: 1156.3
	Standard deviation: 2352

1.2 District (s1q2)

File: SeasonB_2017_SSF_Fertilizers

Overview

Type: Discrete	Valid cases: 12938
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

1.3 Stratum (s1q3)

File: SeasonB_2017_SSF_Fertilizers

Overview

Type: Discrete	Valid cases: 12938
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-30	

1.4 Segment (s1q4)

File: SeasonB_2017_SSF_Fertilizers

Overview

Type: Continuous	Valid cases: 12938
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 72
Range: 1-72	Mean: 19.1
	Standard deviation: 14.3

1.1 Province (s1q1)

File: SeasonB_2017_SSF_Fertilizers

Overview

Type: Discrete	Valid cases: 12938
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

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

File: SeasonB_2017_SSF_Fertilizers

Overview

Type: Discrete	Valid cases: 12938
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

3.2 Quantity of organic fertilizer used (in kg) (s3q2)

File: SeasonB_2017_SSF_Fertilizers

Overview

Type: Continuous	Valid cases: 4530
Format: numeric	Invalid: 8408
Width: 5	Minimum: 0
Decimals: 0	Maximum: 70000
Range: 0-70000	Mean: 486.4
	Standard deviation: 1344.3

3.3 Quantity of organic fertilizer purchased (in kg) (s3q3)

File: SeasonB_2017_SSF_Fertilizers

Overview

Type: Continuous	Valid cases: 4534
Format: numeric	Invalid: 8404
Width: 4	Minimum: 0
Decimals: 0	Maximum: 9100
Range: 0-9100	Mean: 131.1
	Standard deviation: 519.1

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

File: SeasonB_2017_SSF_Fertilizers

Overview

Type: Continuous	Valid cases: 819
Format: numeric	Invalid: 12119
Width: 6	Minimum: 0
Decimals: 0	Maximum: 798000
Range: 0-798000	Mean: 19016.8
	Standard deviation: 67996.5

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

File: SeasonB_2017_SSF_Fertilizers

Overview

Type: Discrete	Valid cases: 12938
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

3.6 Inorganic fertilizer (Type) (s3q6)

File: SeasonB_2017_SSF_Fertilizers

Overview

Type: Discrete	Valid cases: 2619
Format: numeric	Invalid: 10319
Width: 1	
Decimals: 0	
Range: 0-9	

3.7 Inorganic fertilizer (Unity) (s3q7)

File: SeasonB_2017_SSF_Fertilizers

Overview

Type: Discrete	Valid cases: 2619
Format: numeric	Invalid: 10319
Width: 1	
Decimals: 0	
Range: 0-3	

3.8 Total quantity of inorganic fertilizer used (s3q8)

File: SeasonB_2017_SSF_Fertilizers

Overview

Type: Continuous	Valid cases: 2609
Format: numeric	Invalid: 10329
Width: 4	Minimum: 0
Decimals: 0	Maximum: 1500
Range: 0-1500	Mean: 19.6
	Standard deviation: 65.7

3.10 Inorganic fertilizer purchased (unity price/Rwf) (s3q10)

File: SeasonB_2017_SSF_Fertilizers

Overview

Type: Continuous	Valid cases: 2581
Format: numeric	Invalid: 10357
Width: 4	Minimum: 0
Decimals: 0	Maximum: 9000
Range: 0-9000	Mean: 480.8
	Standard deviation: 428.2

3.9 Inorganic fertilizer (Qty purchased) (s3q9)

File: SeasonB_2017_SSF_Fertilizers

Overview

Type: Continuous	Valid cases: 2610
Format: numeric	Invalid: 10328
Width: 4	Minimum: 0
Decimals: 0	Maximum: 2460
Range: 0.04-2460	Mean: 24.4
	Standard deviation: 106.8

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

File: SeasonB_2017_SSF_Fertilizers

Overview

Type: Discrete	Valid cases: 2610
Format: numeric	Invalid: 10328
Width: 1	
Decimals: 0	
Range: 1-4	

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

File: SeasonB_2017_SSF_Fertilizers

Overview

Type: Discrete	Valid cases: 2611
Format: numeric	Invalid: 10327
Width: 3	
Decimals: 0	
Range: 97-519	

1.0 Segment ID number (s1q0)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 12156
Format: numeric	Invalid: 0
Width: 6	Minimum: 111102
Decimals: 0	Maximum: 572059
Range: 111102-572059	Mean: 390996.9
	Standard deviation: 138977.4

1.1 Province (s1q1)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 12156
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 12156
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

1.3 Stratum (s1q3)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 12156
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-30	

1.4 Segment number (s1q4)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

1.4 Segment number (s1q4)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Type: Continuous	Valid cases: 12156
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 72
Range: 1-72	Mean: 19
	Standard deviation: 14.3

2.1 Plot number (s2q1)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 12156
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 25.8
	Standard deviation: 15.7

2.2 Plot size in (m2) (s2q2)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 12156
Format: numeric	Invalid: 0
Width: 9	Minimum: 16.3
Decimals: 0	Maximum: 97367.9
Range: 16.304659-97367.92	Mean: 1145.2
	Standard deviation: 2225.4

4.17 Has this plot been irrigated during this season? (s4q17)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 12156
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

4.18 What is the source of water for irrigation? (s4q18)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

4.18 What is the source of water for irrigation? (s4q18)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Type: Discrete

Valid cases: 563

Format: numeric

Invalid: 11593

Width: 1

Decimals: 0

Range: 1-8

4.19 What is irrigation technique used on this plot? (s4q19)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete

Valid cases: 563

Format: numeric

Invalid: 11593

Width: 1

Decimals: 0

Range: 1-4

4.20 What is the cost of hired labor used for irrigation? (s4q20)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous

Valid cases: 563

Format: numeric

Invalid: 11593

Width: 6

Minimum: 0

Decimals: 0

Maximum: 834000

Range: 0-834000

Mean: 6861.3

Standard deviation: 39909.3

4.21 What was the main crop to irrigate? (s4q21)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete

Valid cases: 563

Format: numeric

Invalid: 11593

Width: 3

Decimals: 0

Range: 97-519

4.6 Is this plot fenced? (s4q6)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

4.6 Is this plot fenced? (s4q6)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Type: Discrete

Valid cases: 12156

Format: numeric

Invalid: 0

Width: 1

Decimals: 0

Range: 1-2

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

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete

Valid cases: 165

Format: numeric

Invalid: 11991

Width: 1

Decimals: 0

Range: 1-2

4.8 Fencing Activity cost (RWF) (s4q8)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous

Valid cases: 9

Format: numeric

Invalid: 12147

Width: 6

Minimum: 0

Decimals: 0

Maximum: 150000

Range: 0-150000

Mean: 25900

Standard deviation: 47545.9

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

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous

Valid cases: 12155

Format: numeric

Invalid: 1

Width: 7

Minimum: 0

Decimals: 0

Maximum: 1800000

Range: 0-1800000

Mean: 9022.2

Standard deviation: 36485.8

4.10 Have you used ploughing animals (oxen) during this season?
(s4q10)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 12156
Invalid: 0

4.11 Amount paid on rent of ploughing animals during this
season(Rwf) (s4q11)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 0
Invalid: 12156

4.12 Have you used a ploughing tractor during this season? (s4q12)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 12145
Invalid: 11

4.13 Amount paid on rent of ploughing tractor (Rwf) (s4q13)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous
Format: numeric
Width: 6
Decimals: 0
Range: 0-450000

Valid cases: 8
Invalid: 12148
Minimum: 0
Maximum: 450000
Mean: 96875
Standard deviation: 150165.1

4.14 Have you used any other mechanical equipment during this season? (s4q14)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 12156
Invalid: 0

4.15 Name of other mechanical equipment used during this season (s4q15)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete
Format: character
Width: 18

Valid cases: 3

4.16 Rent cost for the other mechanical equipment (Rwf) (s4q16)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous
Format: numeric
Width: 5
Decimals: 0
Range: 0-22000

Valid cases: 3
Invalid: 12153
Minimum: 0
Maximum: 22000
Mean: 11333.3
Standard deviation: 11015.1

5.1 Is this plot owned or rented? (s5q1)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 12155
Invalid: 1

5.2 Ownership category (s5q2)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

5.2 Ownership category (s5q2)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 9266
Format: numeric	Invalid: 2890
Width: 1	
Decimals: 0	
Range: 1-4	

5.3 When has this plot been bought? (s5q3)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 3524
Format: numeric	Invalid: 8632
Width: 1	
Decimals: 0	
Range: 1-3	

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

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 108
Format: numeric	Invalid: 12048
Width: 7	Minimum: 500
Decimals: 0	Maximum: 3200000
Range: 500-3200000	Mean: 464736.1
	Standard deviation: 570492.3

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

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 1847
Format: numeric	Invalid: 10309
Width: 1	
Decimals: 0	
Range: 1-3	

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

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 1501
Format: numeric	Invalid: 10655
Width: 6	Minimum: 200
Decimals: 0	Maximum: 750000
Range: 200-750000	Mean: 11268.2
	Standard deviation: 29910

5.7.1 What crop in this plot that have been chosen for production share for this (s5q7_1)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 318
Format: numeric	Invalid: 11838
Width: 3	
Decimals: 0	
Range: 97-519	

5.7.2 What crop in this plot that have been chosen for production share for this (s5q7_2)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 324
Format: numeric	Invalid: 11832
Width: 3	
Decimals: 0	
Range: 97-999	

5.7.3 What crop in this plot that have been chosen for production share for this (s5q7_3)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 170
Format: numeric	Invalid: 11986
Width: 3	
Decimals: 0	
Range: 97-999	

5.7.3 What crop in this plot that have been chosen for production share for this (s5q7_4)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 31
Format: numeric	Invalid: 12125
Width: 3	
Decimals: 0	
Range: 97-999	

5.8.1 If the rented plot was paid by production share, what is the percentage sh (s5q8_1)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 323
Format: numeric	Invalid: 11833
Width: 3	Minimum: 16
Decimals: 0	Maximum: 100
Range: 16-100	Mean: 48.8
	Standard deviation: 7.6

5.8.2 If the rented plot was paid by production share, what is the percentage sh (s5q8_2)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 172
Format: numeric	Invalid: 11984
Width: 2	Minimum: 0
Decimals: 0	Maximum: 50
Range: 0-50	Mean: 49.4
	Standard deviation: 5

5.8.3 If the rented plot was paid by production share, what is the percentage sh (s5q8_3)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 51
Format: numeric	Invalid: 12105
Width: 2	Minimum: 0
Decimals: 0	Maximum: 50
Range: 0-50	Mean: 48.1
	Standard deviation: 9.3

5.8.4 If the rented plot was paid by production share, what is the percentage sh (s5q8_4)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 275
Format: numeric	Invalid: 11881
Width: 2	Minimum: 0
Decimals: 0	Maximum: 50
Range: 0-50	Mean: 47.5
	Standard deviation: 9.2

Crop category for major crops grown in Rwanda (crop_group)

File:

SeasonB_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 563
Format: numeric	Invalid: 11593
Width: 3	
Decimals: 0	
Range: 6-519	

1.0 Segment ID number (s1q0)

File: SeasonB_2017_SSF_Pesticides

Overview

Type: Continuous	Valid cases: 12980
Format: numeric	Invalid: 0
Width: 6	Minimum: 111102
Decimals: 0	Maximum: 572059
Range: 111102-572059	Mean: 390904
	Standard deviation: 137200

2.1.Plot number (s2q1)

File: SeasonB_2017_SSF_Pesticides

Overview

Type: Continuous	Valid cases: 12980
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 25.9
	Standard deviation: 15.6

2.2.Plot area(sqm) (s2q2)

File: SeasonB_2017_SSF_Pesticides

Overview

Type: Continuous	Valid cases: 12980
Format: numeric	Invalid: 0
Width: 9	Minimum: 16.3
Decimals: 0	Maximum: 97367.9
Range: 16.304659-97367.92	Mean: 1163.4
	Standard deviation: 2202.7

1.2.District (s1q2)

File: SeasonB_2017_SSF_Pesticides

Overview

Type: Discrete	Valid cases: 12980
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

1.3.Stratum (s1q3)

File: SeasonB_2017_SSF_Pesticides

Overview

Type: Discrete	Valid cases: 12980
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-30	

1.1.Province (s1q1)

File: SeasonB_2017_SSF_Pesticides

Overview

Type: Discrete	Valid cases: 12980
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

3.13.Have you used pesticide in this plot during this season (s3q13)

File: SeasonB_2017_SSF_Pesticides

Overview

Type: Discrete	Valid cases: 12980
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

3.14.Pesticide type (s3q14)

File: SeasonB_2017_SSF_Pesticides

Overview

Type: Discrete	Valid cases: 2228
Format: numeric	Invalid: 10752
Width: 2	
Decimals: 0	
Range: 1-10	

3.15.Pesticide unit (s3q15)

File: SeasonB_2017_SSF_Pesticides

Overview

Type: Discrete	Valid cases: 2237
Format: numeric	Invalid: 10743
Width: 1	
Decimals: 0	
Range: 0-4	

3.16.Pesticide: Total quantity used (s3q16)

File: SeasonB_2017_SSF_Pesticides

Overview

Type: Continuous	Valid cases: 2224
Format: numeric	Invalid: 10756
Width: 4	Minimum: 0
Decimals: 0	Maximum: 3750
Range: 0-3750	Mean: 99.7
	Standard deviation: 209

3.18.Total amount spent on quantity of pesticide purchased(Rwf) (s3q18)

File: SeasonB_2017_SSF_Pesticides

Overview

Type: Continuous	Valid cases: 2202
Format: numeric	Invalid: 10778
Width: 6	Minimum: 0
Decimals: 0	Maximum: 204000
Range: 0-204000	Mean: 4376.5
	Standard deviation: 10610

3.17.Pesticide: Quantity purchased (s3q17)

File: SeasonB_2017_SSF_Pesticides

Overview

Type: Continuous	Valid cases: 2228
Format: numeric	Invalid: 10752
Width: 4	Minimum: 0
Decimals: 0	Maximum: 4000
Range: 0-4000	Mean: 100.5
	Standard deviation: 233.6

1.0 Segment ID number (s1q0)

File: SeasonB_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 59985
Format: numeric	Invalid: 0
Width: 6	Minimum: 111102
Decimals: 0	Maximum: 572059
Range: 111102-572059	Mean: 384087.3
	Standard deviation: 142029.7

1.1. Province (s1q1)

File: SeasonB_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 59985
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

1.2. District (s1q2)

File: SeasonB_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 59985
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

1.3. Stratum (s1q3)

File: SeasonB_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 59985
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-30	

1.4 Segment number (s1q4)

File: SeasonB_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 59985
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 72
Range: 1-72	Mean: 18.6
	Standard deviation: 13.9

1.5. Date of visiting the segment (s1q5)

File: SeasonB_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 59515
Format: numeric	Invalid: 470
Width: 8	Minimum: 1052017
Decimals: 0	Maximum: 30042017
Range: 1052017-30042017	Mean: 14230235.2
	Standard deviation: 8779480.1

1.8. Number of grids in the segment (s1q8)

File: SeasonB_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 59985
Format: numeric	Invalid: 0
Width: 2	Minimum: 47
Decimals: 0	Maximum: 94
Range: 47-94	Mean: 52.2
	Standard deviation: 8.9

2.1 Sampled Grid point number (s2q1)

File: SeasonB_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 59985
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 99-99	

2.2 Plot number (s2q2)

File: SeasonB_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 59985
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 93
Range: 1-93	Mean: 25.9
	Standard deviation: 15.8

2.3 Plot size(square meters) (s2q3)

File: SeasonB_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 59985
Format: numeric	Invalid: 0
Width: 16	Minimum: 5.1
Decimals: 0	Maximum: 516393.8
Range: 5.09052610397339-516393.8125	Mean: 1793.7
	Standard deviation: 12215.4

2.5. Number of grids points in the same plots (s2q5)

File: SeasonB_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 59985
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 92
Range: 1-92	Mean: 1.4
	Standard deviation: 2.8

2.6. Plot land Use (s2q6)

File: SeasonB_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 59985
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 96-99	

2.7. Non agricultural Land Type (s2q7)

File: SeasonB_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 4149
Format: numeric	Invalid: 55836
Width: 1	
Decimals: 0	
Range: 1-7	

2.8. Cropping system (s2q8)

File: SeasonB_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 51396
Format: numeric	Invalid: 8589
Width: 1	
Decimals: 0	
Range: 1-2	

2.9 Number of main crops in the plot (s2q9)

File: SeasonB_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 51396
Format: numeric	Invalid: 8589
Width: 1	
Decimals: 0	
Range: 1-9	

2.10 Crop type (s2q10)

File: SeasonB_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 51393
Format: numeric	Invalid: 8592
Width: 1	
Decimals: 0	
Range: 1-3	

2.11. Crop Name (s2q11)

File: SeasonB_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 51396
Format: numeric	Invalid: 8589
Width: 3	
Decimals: 0	
Range: 97-519	

2.12.1 Crop/fruit proportion (in %) (s2q12_1)

File: SeasonB_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 51396
Format: numeric	Invalid: 8589
Width: 3	Minimum: 1
Decimals: 0	Maximum: 100
Range: 1-100	Mean: 54.5
	Standard deviation: 34.1

2.12.2 Crop/fruit proportion code (s2q12_2)

File: SeasonB_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 51396
Format: numeric	Invalid: 8589
Width: 2	
Decimals: 0	
Range: 0-10	

2.13 Number of trees in case of plantation of perenial crops/ or fruits (s2q13)

File: SeasonB_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 18665
Format: numeric	Invalid: 41320
Width: 5	Minimum: 0
Decimals: 0	Maximum: 25613
Range: 0-25613	Mean: 154.8
	Standard deviation: 529.2

2.14 Number of trees susceptible to produce in these six months (s2q14)

File: SeasonB_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 18582
Format: numeric	Invalid: 41403
Width: 5	Minimum: 0
Decimals: 0	Maximum: 12786
Range: 0-12786	Mean: 30.2
	Standard deviation: 238.6

2.15 Is this crop for this season (s2q15)

File: SeasonB_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 51396
Format: numeric	Invalid: 8589
Width: 1	
Decimals: 0	
Range: 0-2	

2.16 What is expected period of harvesting for this crop ? (s2q16)

File: SeasonB_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 50671
Format: numeric	Invalid: 9314
Width: 1	
Decimals: 0	
Range: 1-7	

Crop category based on major crops grown in Rwanda (crop_category)

File: SeasonB_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 51396
Format: numeric	Invalid: 8589
Width: 3	
Decimals: 0	
Range: 6-519	

Segment weight (WH_Sgt)

File: SeasonB_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 59985
Format: numeric	Invalid: 0
Width: 16	Minimum: 1
Decimals: 0	Maximum: 340.2
Range: 1-340.238952636719	Mean: 181.5
	Standard deviation: 85.9

Plot weight (WH_Plot)

File: SeasonB_2017_SSF_Screening

Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 1.68631088733673-1867.65734863281

Valid cases: 59985
Invalid: 0
Minimum: 1.7
Maximum: 1867.7
Mean: 565.2
Standard deviation: 394.8

total segment size in ha (Sgt_size)

File: SeasonB_2017_SSF_Screening

Overview

Type: Continuous
Format: numeric
Width: 9
Decimals: 0
Range: 9.4656297-52.87763

Valid cases: 59985
Invalid: 0
Minimum: 9.5
Maximum: 52.9
Mean: 12.1
Standard deviation: 8.9

1.0 Segment ID number (s1q0)

File: SeasonC_2017_SSF_Antierosion

Overview

Type: Continuous	Valid cases: 5094
Format: numeric	Invalid: 0
Width: 6	Minimum: 112001
Decimals: 0	Maximum: 572059
Range: 112001-572059	Mean: 363652.6
	Standard deviation: 122597.4

1.1 Province (s1q1)

File: SeasonC_2017_SSF_Antierosion

Overview

Type: Discrete	Valid cases: 5094
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File: SeasonC_2017_SSF_Antierosion

Overview

Type: Discrete	Valid cases: 5094
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

1.3 Stratum (s1q3)

File: SeasonC_2017_SSF_Antierosion

Overview

Type: Discrete	Valid cases: 5094
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-30	

1.4 Segment number (s1q4)

File: SeasonC_2017_SSF_Antierosion

Overview

Type: Continuous	Valid cases: 5094
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 69
Range: 1-69	Mean: 17.7
	Standard deviation: 13.5

2.1 Plot number (s2q1)

File: SeasonC_2017_SSF_Antierosion

Overview

Type: Continuous	Valid cases: 5094
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 68
Range: 1-68	Mean: 25.4
	Standard deviation: 14.4

2.2 Plot size in (m2) (s2q2)

File: SeasonC_2017_SSF_Antierosion

Overview

Type: Continuous	Valid cases: 5094
Format: numeric	Invalid: 0
Width: 16	Minimum: 17.7
Decimals: 0	Maximum: 19757.4
Range: 17.7195707309448-19757.4061238573	Mean: 711
	Standard deviation: 1175.3

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

File: SeasonC_2017_SSF_Antierosion

Overview

Type: Discrete	Valid cases: 5094
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-3	

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

File: SeasonC_2017_SSF_Antierosion

Overview

Type: Discrete	Valid cases: 5094
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

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

File: SeasonC_2017_SSF_Antierosion

Overview

Type: Discrete	Valid cases: 3081
Format: numeric	Invalid: 2013
Width: 1	
Decimals: 0	
Range: 0-9	

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

File: SeasonC_2017_SSF_Antierosion

Overview

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

Valid cases: 1687
 Invalid: 3407

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

File: SeasonC_2017_SSF_Antierosion

Overview

Type: Continuous
 Format: numeric
 Width: 6
 Decimals: 0
 Range: 0-100000

Valid cases: 797
 Invalid: 4297
 Minimum: 0
 Maximum: 100000
 Mean: 625.7
 Standard deviation: 5037.7

1.0 Segment ID number (s1q0)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 1907
Format: numeric	Invalid: 0
Width: 6	Minimum: 112001
Decimals: 0	Maximum: 572059
Range: 112001-572059	Mean: 359335.6
	Standard deviation: 123877.2

1.1 Province (s1q1)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 1907
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 1907
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

1.3 Stratum (s1q3)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 1907
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-30	

1.4 Segment (s1q4)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 1907
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 69
Range: 1-69	Mean: 18.2
	Standard deviation: 13.7

2.1 Plot Number (s2q1)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 1907
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 68
Range: 1-68	Mean: 25.5
	Standard deviation: 14.5

2.2 Plot area (m2) (s2q2)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 1907
Format: numeric	Invalid: 0
Width: 16	Minimum: 17.7
Decimals: 0	Maximum: 19757.4
Range: 17.7195707309448-19757.4061238573	Mean: 692.3
	Standard deviation: 1126.9

2.4 Cropping system in the plot (s2q4)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 1907
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

2.5 Number of main crops in the plot (s2q5)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 1907
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-4	

2.6. Crop name (s2q6)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 1907
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: 97-519	

2.7.crop area in square meters (s2q7)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 1907
Format: numeric	Invalid: 0
Width: 15	Minimum: 4
Decimals: 0	Maximum: 19757.4
Range: 3.9874804019928-19757.40625	Mean: 584.6
	Standard deviation: 1065.9

2.8 Number of trees in case of plantation (s2q8)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 1907
Width: 1	
Decimals: 0	

2.9 Number of trees susceptible to produce in these six months (s2q9)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 1907
Width: 1	
Decimals: 0	

2.10 Sowing Date (s2q10)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 1907
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 15-20	

2.11 Expected period of harvesting (s2q11)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 1907
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 15-20	

2.12.Type of seeds sown (s2q12)

File: SeasonC_2017_SSF_Crop production

2.12.Type of seeds sown (s2q12)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 1907
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-3	

2.13.1.Quantity of traditional seeds sown : Unity (s2q13_1)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 1743
Format: numeric	Invalid: 164
Width: 1	
Decimals: 0	
Range: 1-3	

2.13.2.Quantity of traditional seeds sown : Quantity (s2q13_2)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 949
Format: numeric	Invalid: 958
Width: 4	Minimum: 0.1
Decimals: 0	Maximum: 7440
Range: 0.12-7440	Mean: 98.8
	Standard deviation: 303.5

2.14.Quantity of traditional seeds purchased (s2q14)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 949
Format: numeric	Invalid: 958
Width: 4	Minimum: 0
Decimals: 0	Maximum: 1300
Range: 0-1300	Mean: 51.9
	Standard deviation: 137.1

2.15.Amount spent for the purchase of traditional seeds(Rwf) (s2q15)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 1743
Format: numeric	Invalid: 164
Width: 6	Minimum: 0
Decimals: 0	Maximum: 480000
Range: 0-480000	Mean: 10351.2
	Standard deviation: 36066.1

2.16.1.Quantity of improved seeds sown : Unity (s2q16_1)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 167
Format: numeric	Invalid: 1740
Width: 1	
Decimals: 0	
Range: 1-3	

2.16.2.Quantity of improved seeds sown : Quantity (s2q16_2)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 162
Format: numeric	Invalid: 1745
Width: 4	Minimum: 0.1
Decimals: 0	Maximum: 4160
Range: 0.1-4160	Mean: 158.1
	Standard deviation: 400.4

2.17.Quantity of improved seeds purchased (s2q17)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 162
Format: numeric	Invalid: 1745
Width: 4	Minimum: 0
Decimals: 0	Maximum: 4160
Range: 0-4160	Mean: 143.1
	Standard deviation: 379

2.18.Amount spent for the purchase of improved seeds(Rwf) (s2q18)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 167
Format: numeric	Invalid: 1740
Width: 7	Minimum: 0
Decimals: 0	Maximum: 1580800
Range: 0-1580800	Mean: 30219.5
	Standard deviation: 142087.7

2.19.Where did improved seeds sown come from ? (s2q19)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 167
Format: numeric	Invalid: 1740
Width: 1	
Decimals: 0	
Range: 1-4	

2.20 Quantity already harvested (in Kg) (s2q20)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 1907
Format: numeric	Invalid: 0
Width: 5	Minimum: 0
Decimals: 0	Maximum: 35000
Range: 0-35000	Mean: 384.7
	Standard deviation: 1329.8

2.21 Remaining quantity to be harvested (in kg) (s2q21)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 1907
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-0	

2.22 Total quantity of harvest (in kg) (s2q22)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 1907
Format: numeric	Invalid: 0
Width: 5	Minimum: 0
Decimals: 0	Maximum: 35000
Range: 0-35000	Mean: 384.7
	Standard deviation: 1329.8

2.23 Explanation on production status (s2q23)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 1907
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-13	

2.24 Have you sold any quantity of your produce of this crop during this season? (s2q24)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 1907
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

2.25 What was the farm gate price of this crop? (frw/Kg) (s2q25)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Continuous	Valid cases: 690
Format: numeric	Invalid: 1217
Width: 4	Minimum: 14
Decimals: 0	Maximum: 1200
Range: 14-1200	Mean: 208
	Standard deviation: 136.8

Crop category for major crops grown in Rwanda (crop_group)

File: SeasonC_2017_SSF_Crop production

Overview

Type: Discrete	Valid cases: 1907
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: 6-323	

Segment identification (s1q0)

File: SeasonC_2017_SSF_Fertilizers

Overview

Type: Continuous	Valid cases: 6792
Format: numeric	Invalid: 0
Width: 6	Minimum: 112001
Decimals: 0	Maximum: 572059
Range: 112001-572059	Mean: 363652.6
	Standard deviation: 122594.4

1.1 Province (s1q1)

File: SeasonC_2017_SSF_Fertilizers

Overview

Type: Discrete	Valid cases: 6792
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File: SeasonC_2017_SSF_Fertilizers

Overview

Type: Discrete	Valid cases: 6792
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

1.3 Stratum (s1q3)

File: SeasonC_2017_SSF_Fertilizers

Overview

Type: Discrete	Valid cases: 6792
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-30	

1.4 Segment number (s1q4)

File: SeasonC_2017_SSF_Fertilizers

Overview

Type: Continuous	Valid cases: 6792
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 69
Range: 1-69	Mean: 17.7
	Standard deviation: 13.5

2.1 Plot number (s2q1)

File: SeasonC_2017_SSF_Fertilizers

Overview

Type: Continuous	Valid cases: 6792
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 68
Range: 1-68	Mean: 25.4
	Standard deviation: 14.4

2.2 Plot size in (m2) (s2q2)

File: SeasonC_2017_SSF_Fertilizers

Overview

Type: Continuous	Valid cases: 6792
Format: numeric	Invalid: 0
Width: 16	Minimum: 17.7
Decimals: 0	Maximum: 19757.4
Range: 17.7195707309448-19757.4061238573	Mean: 711
	Standard deviation: 1175.3

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

File: SeasonC_2017_SSF_Fertilizers

Overview

Type: Discrete	Valid cases: 6792
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

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

File: SeasonC_2017_SSF_Fertilizers

Overview

Type: Continuous	Valid cases: 3528
Format: numeric	Invalid: 3264
Width: 4	Minimum: 15
Decimals: 0	Maximum: 7500
Range: 15-7500	Mean: 541.8
	Standard deviation: 756.8

3.3 Quantity of Organic fertilizer purchased (in Kg) (s3q3)

File: SeasonC_2017_SSF_Fertilizers

Overview

3.3 Quantity of Organic fertilizer purchased (in Kg) (s3q3)

File: SeasonC_2017_SSF_Fertilizers

Type: Continuous	Valid cases: 3528
Format: numeric	Invalid: 3264
Width: 4	Minimum: 0
Decimals: 0	Maximum: 7500
Range: 0-7500	Mean: 245.3
	Standard deviation: 697.9

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

File: SeasonC_2017_SSF_Fertilizers

Overview

Type: Continuous	Valid cases: 3528
Format: numeric	Invalid: 3264
Width: 6	Minimum: 0
Decimals: 0	Maximum: 300000
Range: 0-300000	Mean: 4804.6
	Standard deviation: 17725.8

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

File: SeasonC_2017_SSF_Fertilizers

Overview

Type: Discrete	Valid cases: 6792
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

3.6 Inorganic fertilizer type (s3q6)

File: SeasonC_2017_SSF_Fertilizers

Overview

Type: Discrete	Valid cases: 1429
Format: numeric	Invalid: 5363
Width: 1	
Decimals: 0	
Range: 0-9	

3.7 Inorganic fertilizer (unity) (s3q7)

File: SeasonC_2017_SSF_Fertilizers

Overview

Type: Discrete	Valid cases: 804
Format: numeric	Invalid: 5988
Width: 1	
Decimals: 0	
Range: 1-4	

3.8 Total quantity of inorganic fertilizer used (s3q8)

File: SeasonC_2017_SSF_Fertilizers

Overview

Type: Continuous	Valid cases: 804
Format: numeric	Invalid: 5988
Width: 4	Minimum: 0.3
Decimals: 0	Maximum: 1000
Range: 0.25-1000	Mean: 23.6
	Standard deviation: 61.5

3.9 Quantity of inorganic fertilizer purchased (s3q9)

File: SeasonC_2017_SSF_Fertilizers

Overview

Type: Continuous	Valid cases: 804
Format: numeric	Invalid: 5988
Width: 3	Minimum: 0
Decimals: 0	Maximum: 500
Range: 0-500	Mean: 22.3
	Standard deviation: 50.8

3.10 Unit price for Inorganic fertilizer (s3q10)

File: SeasonC_2017_SSF_Fertilizers

Overview

Type: Continuous	Valid cases: 804
Format: numeric	Invalid: 5988
Width: 4	Minimum: 0
Decimals: 0	Maximum: 2000
Range: 0-2000	Mean: 529.1
	Standard deviation: 230.6

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

File: SeasonC_2017_SSF_Fertilizers

Overview

Type: Discrete	Valid cases: 804
Format: numeric	Invalid: 5988
Width: 1	
Decimals: 0	
Range: 1-4	

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

File: SeasonC_2017_SSF_Fertilizers

Overview

Type: Discrete	Valid cases: 803
Format: numeric	Invalid: 5989
Width: 3	
Decimals: 0	
Range: 97-519	

1.0 Segment ID number (s1q0)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 1698
Format: numeric	Invalid: 0
Width: 6	Minimum: 112001
Decimals: 0	Maximum: 572059
Range: 112001-572059	Mean: 363652.6
	Standard deviation: 122621.5

1.1 Province (s1q1)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 1698
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 1698
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

1.3 Stratum (s1q3)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 1698
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-30	

1.4 Segment number (s1q4)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

1.4 Segment number (s1q4)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Type: Continuous	Valid cases: 1698
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 69
Range: 1-69	Mean: 17.7
	Standard deviation: 13.5

2.1 Plot number (s2q1)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 1698
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 68
Range: 1-68	Mean: 25.4
	Standard deviation: 14.4

2.2 Plot size in (m2) (s2q2)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 1698
Format: numeric	Invalid: 0
Width: 16	Minimum: 17.7
Decimals: 0	Maximum: 19757.4
Range: 17.7195707309448-19757.4061238573	Mean: 711
	Standard deviation: 1175.5

4.17 Has this plot been irrigated during this season? (s4q17)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 1698
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

4.18 What is the source of water for irrigation? (s4q18)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

4.18 What is the source of water for irrigation? (s4q18)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Type: Discrete

Valid cases: 400

Format: numeric

Invalid: 1298

Width: 1

Decimals: 0

Range: 1-6

4.19.1 What are irrigation techniques used on this plot? (s4q19)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete

Valid cases: 400

Format: numeric

Invalid: 1298

Width: 1

Decimals: 0

Range: 1-5

4.20.1 Total cost of irrigation (s4q20)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous

Valid cases: 400

Format: numeric

Invalid: 1298

Width: 6

Minimum: 0

Decimals: 0

Maximum: 165163

Range: 0-165163

Mean: 3358.8

Standard deviation: 13381.9

4.21 What was the main crop to irrigate? (s4q21)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete

Valid cases: 400

Format: numeric

Invalid: 1298

Width: 3

Decimals: 0

Range: 97-519

4.6 Is this plot fenced? (s4q6)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

4.6 Is this plot fenced? (s4q6)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Type: Discrete

Valid cases: 1698

Format: numeric

Invalid: 0

Width: 1

Decimals: 0

Range: 1-2

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

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete

Valid cases: 20

Format: numeric

Invalid: 1678

Width: 1

Decimals: 0

Range: 1-2

4.8 Activity cost (RWF) (s4q8)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous

Valid cases: 6

Format: numeric

Invalid: 1692

Width: 5

Minimum: 0

Decimals: 0

Maximum: 32600

Range: 0-32600

Mean: 8850

Standard deviation: 12985.2

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

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous

Valid cases: 1698

Format: numeric

Invalid: 0

Width: 6

Minimum: 0

Decimals: 0

Maximum: 500000

Range: 0-500000

Mean: 8933.6

Standard deviation: 22753.6

4.10 Have you used ploughing animals (oxen) during this season?
(s4q10)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 1698
Invalid: 0

4.11 Amount paid on rent of ploughing animals during this
season(Rwf) (s4q11)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 0
Invalid: 1698

4.12 Have you used a ploughing tractor during this season? (s4q12)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 1698
Invalid: 0

4.13 Amount paid on rent of ploughing tractor (Rwf) (s4q13)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 0
Invalid: 1698

4.14 Have you used any other mechanical equipment during this
season? (s4q14)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

4.14 Have you used any other mechanical equipment during this season? (s4q14)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 1698
Invalid: 0

4.15 Name of other mechanical equipment used during this season (s4q15)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 0

4.16 Rent cost for the other mechanical equipment (Rwf) (s4q16)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 0
Invalid: 1698

5.1 Is this plot owned or rented? (s5q1)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 1698
Invalid: 0

5.2 Ownership category (s5q2)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

5.2 Ownership category (s5q2)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Type: Discrete

Valid cases: 785

Format: numeric

Invalid: 913

Width: 1

Decimals: 0

Range: 1-4

5.3 When has this plot been bought? (s5q3)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete

Valid cases: 315

Format: numeric

Invalid: 1383

Width: 1

Decimals: 0

Range: 1-3

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

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous

Valid cases: 23

Format: numeric

Invalid: 1675

Width: 7

Minimum: 3000

Decimals: 0

Maximum: 3000000

Range: 3000-3000000

Mean: 384195.7

Standard deviation: 647958

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

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete

Valid cases: 507

Format: numeric

Invalid: 1191

Width: 1

Decimals: 0

Range: 1-2

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

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Continuous	Valid cases: 500
Format: numeric	Invalid: 1198
Width: 6	Minimum: 200
Decimals: 0	Maximum: 175000
Range: 200-175000	Mean: 9805.1
	Standard deviation: 20118.9

5.7.1 What are crops in this plot that have been chosen for production share for (s5q7_1)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 7
Format: numeric	Invalid: 1691
Width: 3	
Decimals: 0	
Range: 97-519	

5.8.1 If the rented plot was paid by production share, what is the percentage sh (s5q8_1)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 7
Format: numeric	Invalid: 1691
Width: 2	
Decimals: 0	
Range: 50-50	

5.7.2 What are crops in this plot that have been chosen for production share for (s5q7_2)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 1698
Width: 3	
Decimals: 0	
Range: 97-519	

5.8.2 If the rented plot was paid by production share, what is the percentage sh (s5q8_2)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 0
Invalid: 1698

5.7.3 What are crops in this plot that have been chosen for production share for (s5q7_3)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 97-519

Valid cases: 0
Invalid: 1698

5.8.3 If the rented plot was paid by production share, what is the percentage sh (s5q8_3)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 0
Invalid: 1698

5.7.4 What are crops in this plot that have been chosen for production share for (s5q7_4)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 97-519

Valid cases: 0
Invalid: 1698

5.8.4 If the rented plot was paid by production share, what is the percentage sh (s5q8_4)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

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

Valid cases: 0
Invalid: 1698

Crop category for major crops grown in Rwanda (crop_group)

File:

SeasonC_2017_SSF_Irrigation_Soil_preparation_and_Land_tenure

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 6-323

Valid cases: 400
Invalid: 1298

1.0 Segment ID number (s1q0)

File: SeasonC_2017_SSF_Pesticides

Overview

Type: Continuous	Valid cases: 6792
Format: numeric	Invalid: 0
Width: 6	Minimum: 112001
Decimals: 0	Maximum: 572059
Range: 112001-572059	Mean: 363652.6
	Standard deviation: 122594.4

1.1 Province (s1q1)

File: SeasonC_2017_SSF_Pesticides

Overview

Type: Discrete	Valid cases: 6792
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

1.2 District (s1q2)

File: SeasonC_2017_SSF_Pesticides

Overview

Type: Discrete	Valid cases: 6792
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

1.3 Stratum (s1q3)

File: SeasonC_2017_SSF_Pesticides

Overview

Type: Discrete	Valid cases: 6792
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-30	

2.1 Plot number (s2q1)

File: SeasonC_2017_SSF_Pesticides

Overview

Type: Continuous	Valid cases: 6792
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 68
Range: 1-68	Mean: 25.4
	Standard deviation: 14.4

2.2 Plot size in (m2) (s2q2)

File: SeasonC_2017_SSF_Pesticides

Overview

Type: Continuous
 Format: numeric
 Width: 16
 Decimals: 0
 Range: 17.7195707309448-19757.4061238573

Valid cases: 6792
 Invalid: 0
 Minimum: 17.7
 Maximum: 19757.4
 Mean: 711
 Standard deviation: 1175.3

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

File: SeasonC_2017_SSF_Pesticides

Overview

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

Valid cases: 6792
 Invalid: 0

3.14 Type of pesticide used (s3q14)

File: SeasonC_2017_SSF_Pesticides

Overview

Type: Discrete
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 1-10

Valid cases: 1900
 Invalid: 4892

3.15 Pesticide type (unit) (s3q15)

File: SeasonC_2017_SSF_Pesticides

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-4

Valid cases: 1193
 Invalid: 5599

3.16 Total quantity of pesticide used (s3q16)

File: SeasonC_2017_SSF_Pesticides

Overview

Type: Continuous
 Format: numeric
 Width: 4
 Decimals: 0
 Range: 0.02-2000

Valid cases: 1193
 Invalid: 5599
 Minimum: 0
 Maximum: 2000
 Mean: 86
 Standard deviation: 162.4

3.17 Quantity of pesticide purchased (s3q17)

File: SeasonC_2017_SSF_Pesticides

Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 0-2000

Valid cases: 1193
Invalid: 5599
Minimum: 0
Maximum: 2000
Mean: 86
Standard deviation: 162.4

3.18 Total amount spent on quantity purchased (s3q18)

File: SeasonC_2017_SSF_Pesticides

Overview

Type: Continuous
Format: numeric
Width: 6
Decimals: 0
Range: 0-255500

Valid cases: 1193
Invalid: 5599
Minimum: 0
Maximum: 255500
Mean: 5451.2
Standard deviation: 13963.3

1.0 Segment ID number (s1q0)

File: SeasonC_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 7853
Format: numeric	Invalid: 0
Width: 6	Minimum: 112001
Decimals: 0	Maximum: 572059
Range: 112001-572059	Mean: 361883.5
	Standard deviation: 111722

1.1 Province Name (s1q1)

File: SeasonC_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 7853
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

1.2 District Name (s1q2)

File: SeasonC_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 7853
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-57	

1.3 Stratum (s1q3)

File: SeasonC_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 7853
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-50	

1.4 Segment number (s1q4)

File: SeasonC_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 7853
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 69
Range: 1-69	Mean: 15.9
	Standard deviation: 12.5

1.5 date of interview (s1q5)

File: SeasonC_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 7853
Format: numeric	Invalid: 0
Width: 8	Minimum: 2102017
Decimals: 0	Maximum: 30092017
Range: 2102017-30092017	Mean: 24329177.3
	Standard deviation: 4426339

1.8 Number of grids in the segment (s1q8)

File: SeasonC_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 7853
Format: numeric	Invalid: 0
Width: 2	Minimum: 47
Decimals: 0	Maximum: 68
Range: 47-68	Mean: 50.1
	Standard deviation: 2.1

2.1 Sampled Grid point number (s2q1)

File: SeasonC_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 7853
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 99-99	

2.2 Plot Number (s2q2)

File: SeasonC_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 7853
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 68
Range: 1-68	Mean: 25.1
	Standard deviation: 14.7

2.3 Plot size(square meters) (s2q3)

File: SeasonC_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 7853
Format: numeric	Invalid: 0
Width: 15	Minimum: 10.5
Decimals: 0	Maximum: 101966.1
Range: 10.536376953125-101966.125	Mean: 1147.3
	Standard deviation: 4568.7

2.5 Number of grids in the same plot (s2q5)

File: SeasonC_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 7853
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 50
Range: 1-50	Mean: 1.4
	Standard deviation: 2.2

2.6 Plot land use (s2q6)

File: SeasonC_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 7853
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 96-99	

2.7 Non- agricultural Land Type (s2q7)

File: SeasonC_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 758
Format: numeric	Invalid: 7095
Width: 1	
Decimals: 0	
Range: 1-7	

2.8 Cropping System (s2q8)

File: SeasonC_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 4200
Format: numeric	Invalid: 3653
Width: 1	
Decimals: 0	
Range: 1-2	

2.9 Number of main crops in the plot (s2q9)

File: SeasonC_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 4200
Format: numeric	Invalid: 3653
Width: 1	
Decimals: 0	
Range: 1-5	

2.10. Crop type (s2q10)

File: SeasonC_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 4200
Format: numeric	Invalid: 3653
Width: 1	
Decimals: 0	
Range: 1-3	

2.11. Crop name (s2q11)

File: SeasonC_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 4200
Format: numeric	Invalid: 3653
Width: 3	
Decimals: 0	
Range: 6-519	

2.12.1 Crop proportion in (%) (s2q12_1)

File: SeasonC_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 4200
Format: numeric	Invalid: 3653
Width: 3	Minimum: 10
Decimals: 0	Maximum: 100
Range: 10-100	Mean: 80.1
	Standard deviation: 30

2.12.2 Crop proportion in (range) (s2q12_2)

File: SeasonC_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 4200
Format: numeric	Invalid: 3653
Width: 2	
Decimals: 0	
Range: 1-10	

2.13. Number of trees in case of plantation of perennial crops (s2q13)

File: SeasonC_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 780
Format: numeric	Invalid: 7073
Width: 4	Minimum: 2
Decimals: 0	Maximum: 5253
Range: 2-5253	Mean: 170
	Standard deviation: 352.7

2.14. Number of trees susceptible to produce in these six months (s2q14)

File: SeasonC_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 780
Format: numeric	Invalid: 7073
Width: 4	Minimum: 0
Decimals: 0	Maximum: 5253
Range: 0-5253	Mean: 124.3
	Standard deviation: 336.2

2.15. Is this crop for this season (s2q15)

File: SeasonC_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 4200
Format: numeric	Invalid: 3653
Width: 1	
Decimals: 0	
Range: 1-2	

2.16. What is the expected period of harvesting for this crop? (s2q16)

File: SeasonC_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 4200
Format: numeric	Invalid: 3653
Width: 2	
Decimals: 0	
Range: 15-20	

Crop category based on major crops grown in Rwanda (crop_category)

File: SeasonC_2017_SSF_Screening

Overview

Type: Discrete	Valid cases: 7853
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: 6-519	

Segment weight (WH_Sgt)

File: SeasonC_2017_SSF_Screening

Overview

Type: Continuous	Valid cases: 7853
Format: numeric	Invalid: 0
Width: 16	Minimum: 1
Decimals: 0	Maximum: 152.9
Range: 1-152.861999511719	Mean: 68.8
	Standard deviation: 42.4

Plot weight (WH_Plot)

File: SeasonC_2017_SSF_Screening

Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 1.81044209003448-1532.27673339844

Valid cases: 7853
Invalid: 0
Minimum: 1.8
Maximum: 1532.3
Mean: 266.6
Standard deviation: 226

Area of the segment in hectares (Sgt_size)

File: SeasonC_2017_SSF_Screening

Overview

Type: Continuous
Format: numeric
Width: 9
Decimals: 0
Range: 9.4656297-13.55708

Valid cases: 7853
Invalid: 0
Minimum: 9.5
Maximum: 13.6
Mean: 10
Standard deviation: 0.4

Documentation

Questionnaires

Seasonal Agriculture Survey Plot Questionnaire 2017

Title Seasonal Agriculture Survey Plot Questionnaire 2017
Author(s) NISR
Country Rwanda
Language English
Description This is the plot questionnaire for SAS 2017.
Filename Questionnaires/q-rwa-nisr-sas-2017-plot-eng.docx

Seasonal Agriculture Survey Screening Questionnaire 2017

Title Seasonal Agriculture Survey Screening Questionnaire 2017
Author(s) NISR
Country Rwanda
Language English
Description This is the screening questionnaire for SAS 2017.
Filename Questionnaires/q-rwa-nisr-sas-2017-secreening-eng.docx

Reports

Rwanda Seasonal Agriculture Survey Report 2017

Title Rwanda Seasonal Agriculture Survey Report 2017
Author(s) NISR
Country Rwanda
Language English
Publisher(s) NISR
Description This is the annual report for SAS 2017
Filename Report/rwa-nisr-sas-annual-report-2017-eng.pdf
