

Good Growth Plan 2014-2019

Syngenta

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Identification

SURVEY ID NUMBER

KEN_2014-2019_GGP-P_v01_M_v01_A_OCS

TITLE

Good Growth Plan 2014-2019

COUNTRY/ECONOMY

Name	Country code
Kenya	KEN

STUDY TYPE

Agricultural Survey [ag/oth]

ABSTRACT

Syngenta is committed to increasing crop productivity and to using limited resources such as land, water and inputs more efficiently. Since 2014, Syngenta has been measuring trends in agricultural input efficiency on a global network of real farms. The Good Growth Plan dataset shows aggregated productivity and resource efficiency indicators by harvest year. The data has been collected from more than 4,000 farms and covers more than 20 different crops in 46 countries. The data (except USA data and for Barley in UK, Germany, Poland, Czech Republic, France and Spain) was collected, consolidated and reported by Kynetec (previously Market Probe), an independent market research agency. It can be used as benchmarks for crop yield and input efficiency.

KIND OF DATA

Sample survey data [ssd]

UNIT OF ANALYSIS

Agricultural holdings

Scope

NOTES

Data was collected on the usage of inputs, such as crop protection products, chemical fertilizer, seeding rates, labor hours, machinery usage hours, and marketable crop yield on a per hectare basis.

TOPICS

Topic	Vocabulary
Agriculture & Rural Development	FAO
Environment	FAO
Agricultural input efficiency	FAO

KEYWORDS

Keyword
Input efficiency
Crop productivity
Agriculture
The Good Growth Plan

Coverage

GEOGRAPHIC COVERAGE

National coverage

Producers and sponsors

PRIMARY INVESTIGATORS

Name
Syngenta

PRODUCERS

Name	Role
Kynetec	Technical assistance

Sampling

SAMPLING PROCEDURE

A. Sample design

Farms are grouped in clusters, which represent a crop grown in an area with homogenous agro- ecological conditions and include comparable types of farms. The sample includes reference and benchmark farms. The reference farms were selected by Syngenta and the benchmark farms were randomly selected by Kynetec within the same cluster.

B. Sample size

Sample sizes for each cluster are determined with the aim to measure statistically significant increases in crop efficiency over time. This is done by Kynetec based on target productivity increases and assumptions regarding the variability of farm metrics in each cluster. The smaller the expected increase, the larger the sample size needed to measure significant differences over time. Variability within clusters is assumed based on public research and expert opinion. In addition, growers are also grouped in clusters as a means of keeping variances under control, as well as distinguishing between growers in terms of crop size, region and technological level. A minimum sample size of 20 interviews per cluster is needed. The minimum number of reference farms is 5 of 20. The optimal number of reference farms is 10 of 20 (balanced sample).

C. Selection procedure

The respondents were picked randomly using a “quota based random sampling” procedure. Growers were first randomly selected and then checked if they complied with the quotas for crops, region, farm size etc. To avoid clustering high number of interviews at one sampling point, interviewers were instructed to do a maximum of 5 interviews in one village.

BF Screened from Kenya were selected based on the following criterion:

(a) Smallholder potato growers

Location: Gwakiongo, Ol njororok, Wanjohi, Molo

BACKGROUND: Open field potatoes

RF: Flood or drip irrigation BF: No irrigation

Ploughing with a tractor or manually (e.g. with a hoe)

Usage of chemical and/or organic fertilizers

Selling the harvest is the main after harvest activity

(b) Smallholder tomato growers

Location: Kitengela

BACKGROUND: Open field tomatoes

Flood or drip irrigation

Ploughing with a tractor or manually (e.g. with a hoe, a slasher)

Usage of chemical and/or organic fertilizers

Selling the harvest is the main after harvest activity

data_collection

DATES OF DATA COLLECTION

Start	End
2014	2019

DATA COLLECTION MODE

Face-to-face [f2f]

questionnaires

QUESTIONNAIRES

Data collection tool for 2019 covered the following information:

(A) PRE- HARVEST INFORMATION

PART I: Screening

PART II: Contact Information

PART III: Farm Characteristics

a. Biodiversity conservation

b. Soil conservation

c. Soil erosion

d. Description of growing area

e. Training on crop cultivation and safety measures

PART IV: Farming Practices - Before Harvest

a. Planting and fruit development - Field crops

b. Planting and fruit development - Tree crops

c. Planting and fruit development - Sugarcane

d. Planting and fruit development - Cauliflower

e. Seed treatment

(B) HARVEST INFORMATION

PART V: Farming Practices - After Harvest

a. Fertilizer usage

b. Crop protection products

c. Harvest timing & quality per crop - Field crops

d. Harvest timing & quality per crop - Tree crops

e. Harvest timing & quality per crop - Sugarcane

f. Harvest timing & quality per crop - Banana

g. After harvest

PART VI - Other inputs - After Harvest

a. Input costs

b. Abiotic stress

c. Irrigation

See all questionnaires in external materials tab

data_processing

DATA EDITING

Data processing:

Kynetec uses SPSS (Statistical Package for the Social Sciences) for data entry, cleaning, analysis, and reporting. After collection, the farm data is entered into a local database, reviewed, and quality-checked by the local Kynetec agency. In the case of missing values or inconsistencies, farmers are re-contacted. In some cases, grower data is verified with local experts

(e.g. retailers) to ensure data accuracy and validity. After country-level cleaning, the farm-level data is submitted to the global Kynetec headquarters for processing. In the case of missing values or inconsistencies, the local Kynetec office was re-contacted to clarify and solve issues.

Quality assurance

Various consistency checks and internal controls are implemented throughout the entire data collection and reporting process in order to ensure unbiased, high quality data.

- Screening: Each grower is screened and selected by Kynetec based on cluster-specific criteria to ensure a comparable group of growers within each cluster. This helps keeping variability low.
- Evaluation of the questionnaire: The questionnaire aligns with the global objective of the project and is adapted to the local context (e.g. interviewers and growers should understand what is asked). Each year the questionnaire is evaluated based on several criteria, and updated where needed.
- Briefing of interviewers: Each year, local interviewers - familiar with the local context of farming -are thoroughly briefed to fully comprehend the questionnaire to obtain unbiased, accurate answers from respondents.
- Cross-validation of the answers:
 - o Kynetec captures all growers' responses through a digital data-entry tool. Various logical and consistency checks are automated in this tool (e.g. total crop size in hectares cannot be larger than farm size)
 - o Kynetec cross validates the answers of the growers in three different ways:
 1. Within the grower (check if growers respond consistently during the interview)
 2. Across years (check if growers respond consistently throughout the years)
 3. Within cluster (compare a grower's responses with those of others in the group)
 - o All the above mentioned inconsistencies are followed up by contacting the growers and asking them to verify their answers. The data is updated after verification. All updates are tracked.
- Check and discuss evolutions and patterns: Global evolutions are calculated, discussed and reviewed on a monthly basis jointly by Kynetec and Syngenta.
- Sensitivity analysis: sensitivity analysis is conducted to evaluate the global results in terms of outliers, retention rates and overall statistical robustness. The results of the sensitivity analysis are discussed jointly by Kynetec and Syngenta.
- It is recommended that users interested in using the administrative level 1 variable in the location dataset use this variable with care and crosscheck it with the postal code variable.

data_appraisal

DATA APPRAISAL

Due to the above mentioned checks, irregularities in fertilizer usage data were discovered which had to be corrected:

For data collection wave 2014, respondents were asked to give a total estimate of the fertilizer NPK-rates that were applied in the fields. From 2015 onwards, the questionnaire was redesigned to be more precise and obtain data by individual fertilizer products. The new method of measuring fertilizer inputs leads to more accurate results, but also makes a year-on-year comparison difficult. After evaluating several solutions to this problems, 2014 fertilizer usage (NPK input) was re-estimated by calculating a weighted average of fertilizer usage in the following years.

Access policy

CONTACTS

Name	Affiliation	Email	URL
The Good Growth Plan team	Syngenta	goodgrowthplan.data@syngenta.com	Link

CONFIDENTIALITY

The users shall not take any action with the purpose of identifying any individual entity (i.e. person, household, enterprise, etc.) in the micro dataset(s). If such a disclosure is made inadvertently, no use will be made of the information, and it will be reported immediately to FAO

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- The micro dataset cannot be re-disseminated by users or shared with anyone other than the individuals that are granted access to the micro dataset by FAO.

CITATION REQUIREMENTS

The Good Growth Plan Progress Data - Productivity 2019

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DISCLAIMER

The user of the data acknowledges that the original collector of the data, the authorized distributor of the data, and the relevant funding agency bear no responsibility for use of the data or for interpretations or inferences based upon such uses

Metadata production

DDI DOCUMENT ID

DDI_KEN_2014-2019_GGP-P_v01_M_v01_A_OCS

PRODUCERS

Name	Abbreviation	Affiliation	Role
Office of Chief Statistician	OCS	Food and Agriculture Organization	Metadata producer
Development Economics Data Group	DECDG	The World Bank	Metadata adapted for World Bank Microdata Library

DATE OF METADATA PRODUCTION

2023-01-26

DDI DOCUMENT VERSION

Version 01 (January 2023): This metadata was downloaded from the FAO website (<https://microdata.fao.org/index.php/catalog>) and it is identical to FAO version (KEN_2014-2019_GGP-P_v01_EN_M_A_OCS). The following two metadata fields were edited - Document ID and Survey ID.

data_dictionary

Data file	Cases	variables
fertilizers	0	17
seed_treatment	0	26
Farm_level_data	0	32
Global_farm_data	0	282
Crop_protection	0	32
Location	0	19
Activities and Machinery (Q382)	0	9

Data file: fertilizers

Cases:	0
variables:	17

variables

ID	Name	Label	Question
V1	harvestyear	Data collection wave	
V2	GrowingArea	To which field/plot does the information relate to?	
V3	ClusterID	Unique cluster ID	
V4	country	Country	
V5	Farmtype	Farm Type	
V6	GrowerID	Unique respondent ID	
V7	product	Unique code of a product that was applied	
V8	crop	The crop of focus	
V9	q229ca	Q229C a. Timing of (fertilizer) application AREA A	
V10	q229cb	Q229C b.Type of product	
V11	q229cd	Q229C d. Dosage (in KG/HECT or LITER/HECT)	
V12	q229ce	Q229C e. Unit of quantity	
V13	q229cf	Q229C f. Amount of H2O solved in LITERS per HECT	
V14	q229cg	Q229C g. Percentage N (in %)	
V15	q229ch	Q229C h. Percentage P (P2O5) (in %)	
V16	q229ci	Q229C i. Percentage K (K2O) (in %)	
V17	q229cj	Q229C j. Equipment type	

total: 17

Data file: seed_treatment

Cases:	0
variables:	26

variables

ID	Name	Label	Question
V18	harvestyear	Data collection wave	
V19	GrowingArea	To which field/plot does the information relate to?	
V20	ClusterID	Unique cluster ID	
V21	country	Country	
V22	Farmtype	FARMTYPE	
V23	GrowerID	Unique respondent ID	
V24	product	Unique code of a product that was applied	
V25	crop	The crop of focus	
V26	q73	What is the amount of seeds in <KG> that has been sown per <HECT> ?	
V27	q233c_a	Q233C. a. Timing of product application	
V28	q233c_b	Q233C. b.Type of product	
V29	q233c_c	Q233C. c. Brand product name	
V30	q233c_c2	Q233C. c2. Brand product formulation	
V31	c233c_c	CODED VARIABLE - stringcode	
V32	c233ca1	CODED VARIABLE - active ingredient1	
V33	c233cp1	CODED VARIABLE - amount of ai1	
V34	c233cu1	CODED VARIABLE - unit (% or Gr)	
V35	c233ca2	CODED VARIABLE - active ingredient2	
V36	c233cp2	CODED VARIABLE - amount of ai2	
V37	c233ca3	CODED VARIABLE - active ingredient3	
V38	c233cp3	CODED VARIABLE - amount of ai3	
V39	q233c_d	Q233C. d. PRODUCT 1: Dosage	
V40	q233c_e	Q233C. e. PRODUCT 1: Unit of quantity	
V41	q233c_f	Q233C. f. PRODUCT 1: Amount of H2O solved in LITERS per <HECT>	
V42	q233c_g	Q233C. g. PRODUCT 1: Pest/disease/ weed targeted	
V43	syngenta	CODED VARIABLE Syngenta product? (1 = YES; 0 = NO)	

total: 26

Data file: Farm_level_data

Cases: 0

variables: 32

variables

ID	Name	Label	Question
V44	HarvestYear	Data collection wave	
V45	Region	Syngenta's definition of Region	
V46	Territory	Syngenta's definition of Territory	
V47	GrowingArea	To which field/plot does the information relate to?	
V48	ClusterID	Unique cluster ID	
V49	country	Country	
V50	Farmtype	Farm type	
V51	GrowerID	Unique respondent ID	
V52	Crop	The crop of focus	
V53	AreaSize	Q57. Size of growing area A for <TARG1> in <HECT>	
V54	CropSize	Q5.Total cultivated area of <TARG1> in this season in <HECT>	
V55	FarmSize	Q6. Total size of your farm/cultivated area for all crops in <HECT>	
V56	Landproductivity	Land efficiency in ton/ha	
V57	PesticideApplicationEfficiency	Number of field applications used per ton produced	
V58	NutrientEfficiency	Kgs of nitrogen used per ton produced	
V59	PhosphorusEfficiency	Kgs of phosphorus used per ton produced	
V60	PotassiumEfficiency	Kgs of potassium used per ton produced	
V61	SeedEfficiency	Kgs of seeds used per ton produced	
V62	PesticideEfficiency	Kgs of active ingredients from pesticides used in kilogram per ton produced	
V63	HerbicideEfficiency	Kgs of active ingredients from herbicides used per ton produced	
V64	FungicideEfficiency	Kgs of active ingredients from fungicides used per ton produced	
V65	InsecticideEfficiency	Kgs of active ingredients from insecticides used per ton produced	
V66	IrrigationWaterEfficiency	Litres of irrigation water used per ton produced	
V67	LaborEfficiency	Amount of labor hours per unit of crop output produced	
V68	MachineryEfficiency	Amount of machinery used in hours per unit of crop output produced	
V69	SyngentaShare	Percentage of syngenta products used compared to total number of products used	
V70	User_vs_non_user	Does the grower use Syngenta products?	
V71	protocol	have received a crop program and/or any recommendations this season?	
V72	field_preparation	Date of first field preparation	
V73	planting_date	Date of sowing or planting	
V74	harvest_begin	Date when harvest started	
V75	harvest_end	Date when harvest ended	

total: 32

Data file: Global_farm_data

Cases:	0
variables:	282

variables

ID	Name	Label	Question
V76	Territory	Syngenta definition of territory (sub-region)	
V77	country	Country	
V78	ClusterID	Unique cluster ID	
V79	GrowerID	Unique respondent ID	
V80	GrowingArea	To which field/plot does the information relate to?	
V81	Farmtype	Farmtype	
V82	q1c3	Q1.C3. Since you have participated before, we'd like to share with you your individual performance report	
V83	q1f	Q1. F. Would it be okay for you for Syngenta to contact you with follow-up information on The Good Growth Plan?	
V84	crop	Crop of focus	
V85	q56A2_1	Q56A2. Growing area changed from previous year- did not plant this area due to crop rotation	
V86	q56A2_2	Q56A2. Growing area changed from previous year- I hired another area	
V87	q56A2_4	Q56A2. Growing area changed from previous year- I left my field fallow	
V88	q56A2_6	Q56A2. Growing area changed from previous year- Do not cultivate Crop on that area anymore	
V89	q57a	Q57A. How certain you are of the size indication for growing area A?	
V90	q4055	Q4055. TON/HEC Yield objective for area A for <CROP> at beginning of this season?	
V91	q19	Q19. Surname	
V92	q20	Q20. First name	
V93	q21	Q21. Phone number	
V94	q22	Q22. E-mail address	
V95	q27	Q27. Year of birth	
V96	q28	Q28. Gender	
V97	q31	Q31. Until what age did you go to school?	
V98	q30	Q30. Are you a full-time or part-time farmer?	
V99	q30b	Q30. B. How long have you been engaged in farming activities?	
V100	q33	Q33. Did you receive an agronomical/agricultural education?	
V101	q34	Q34. Are you a member of a producer group, association or cooperative for <CROP>?	
V102	q35c	Q35. C. Overall, how satisfied would you say you are with your life these days?	
V103	q37a	Q37.A. Do you have signs of soil erosion by water on	
V104	q37b	Q37.B. Do you have signs of soil erosion by wind on your farm?	
V105	q7001	Q7001. Have you changed your tillage practices for <TARGET CROP> in the past 20 years?	
V106	q7002	Q7002. How did you change your tillage practices for <TARGET CROP>?	
V107	q7003	Q7003. How many years ago did you change your tillage practices for <TARGET CROP>?	
V108	q7004	Q7004. Have you grown cover crop to manage soil health in the past 20 years for <CROP>?	
V109	q7005	Q7005. How many years ago did you start growing a cover crop for <TARGET CROP> ?	
V110	q7006	Q7006 Have you stopped growing a cover crop in the past 20 years for <TARGET CROP>?	

ID	Name	Label	Question
V111	q7007	Q7007. How many years ago did you stop growing a cover crop for <TARGET CROP>?	
V112	q7008	Q7008. For <Crop> was any land converted from arable land/grassland/forest in the past 20 years?	
V113	q7009	Q7009. How did the use of your land change for <TARGET CROP>?	
V114	q7010	Q7010. How many years ago did the function of your land change for <TARGET CROP>?	
V115	q65	Q65. Do you practice intercropping for <TARGET CROP> ?	
V116	q66_1	Q66. Which crops do you intercrop? Apples	
V117	q66_2	Q66. Which crops do you intercrop? Banana	
V118	q66_3	Q66. Which crops do you intercrop? Barley	
V119	q66_6	Q66. Which crops do you intercrop? Coffee	
V120	q66_7	Q66. Which crops do you intercrop? Corn	
V121	q66_11	Q66. Which crops do you intercrop? Pear	
V122	q66_12	Q66. Which crops do you intercrop? Pepper	
V123	q66_13	Q66. Which crops do you intercrop? Potato	
V124	q66_15	Q66. Which crops do you intercrop? Soybean	
V125	q66_17	Q66. Which crops do you intercrop? Sugarcane	
V126	q66_18	Q66. Which crops do you intercrop? Sunflower	
V127	q66_19	Q66. Which crops do you intercrop? Tomato	
V128	q66_20	Q66. Which crops do you intercrop? Watermelon	
V129	q66_21	Q66. Which crops do you intercrop? Wheat	
V130	q66_26	Q66. Which crops do you intercrop? Berries	
V131	q66_30	Q66. Which crops do you intercrop? Cabbage	
V132	q66_31	Q66. Which crops do you intercrop? Carrot	
V133	q66_51	Q66. Which crops do you intercrop? Grassland (pasture/artificial/temporary)	
V134	q66_53	Q66. Which crops do you intercrop? Herbs (coriander, cinnamon)	
V135	q66_55	Q66. Which crops do you intercrop? Kale	
V136	q66_60	Q66. Which crops do you intercrop? Managu (African nighshade)	
V137	q66_64	Q66. Which crops do you intercrop? Nuts	
V138	q66_67	Q66. Which crops do you intercrop? Onion	
V139	q66_75	Q66. Which crops do you intercrop? Passion fruit	
V140	q66_80	Q66. Which crops do you intercrop? Pulses (lentils, beans, peas)	
V141	q66_81	Q66. Which crops do you intercrop? Pumpkin/squash	
V142	q66_87	Q66. Which crops do you intercrop? Spinach	
V143	q66_96	Q66. Which crops do you intercrop? Other specify 1	
V144	q66_97	Q66. Which crops do you intercrop? Other specify 2	
V145	q60	Q60. Do you rotate crops on growing area A for <TARGET CROP>?	
V146	q61_1	Q61. What crops are you cultivating in rotation? Apples	
V147	q61_2	Q61. What crops are you cultivating in rotation? Banana	
V148	q61_3	Q61. What crops are you cultivating in rotation? Barley	
V149	q61_4	Q61. What crops are you cultivating in rotation? Cauliflower	
V150	q61_7	Q61. What crops are you cultivating in rotation? Corn	
V151	q61_12	Q61. What crops are you cultivating in rotation? Pepper	
V152	q61_13	Q61. What crops are you cultivating in rotation? Potato	
V153	q61_15	Q61. What crops are you cultivating in rotation? Soybean	
V154	q61_18	Q61. What crops are you cultivating in rotation? Sunflower	
V155	q61_19	Q61. What crops are you cultivating in rotation? Tomato	

ID	Name	Label	Question
V156	q61_20	Q61. What crops are you cultivating in rotation? Watermelon	
V157	q61_21	Q61. What crops are you cultivating in rotation? Wheat	
V158	q61_30	Q61. What crops are you cultivating in rotation? Cabbage	
V159	q61_31	Q61. What crops are you cultivating in rotation? Carrot	
V160	q61_41	Q61. What crops are you cultivating in rotation? Cucumber	
V161	q61_53	Q61. What crops are you cultivating in rotation? Herbs	
V162	q61_55	Q61. What crops are you cultivating in rotation? Kale	
V163	q61_65	Q61. What crops are you cultivating in rotation? Oats	
V164	q61_67	Q61. What crops are you cultivating in rotation? Onion	
V165	q61_80	Q61. What crops are you cultivating in rotation? Pulses (lentils, beans, peas)	
V166	q61_87	Q61. What crops are you cultivating in rotation? Spinach	
V167	q61_96	Q61. What crops are you cultivating in rotation? Other. Specify 1	
V168	q61_97	Q61. What crops are you cultivating in rotation? Other. Specify 2	
V169	q61_98	Q61. What crops are you cultivating in rotation? Other. Specify 3	
V170	q61_99	Q61. What crops are you cultivating in rotation? Don't know / no answer	
V171	q67	Q67. What is the soil type of growing area A for <TARGET CROP>?	
V172	q67b	Q67B. Texture is your soil on growing area A for <TARGET CROP> this season?	
V173	q7011	Q7011. How moist would rate your soil on growing area A for <TARGET CROP> this season?	
V174	q7012	Q7012 Rate the drainage of water through the soil on area A for <TARGET CROP> this season?	
V175	q55e1	Q55E1.Partook in training/meeting on crop/agricultural practices in the past 2 years?	
V176	q5500	Q5500. During the training/meeting, at least 15 minutes talking about safe-use practices	
V177	q55E2_1	Q55E2. Who organized this training? Syngenta representative	
V178	q55E2_3	Q55E2. Who organized this training? Extension officer	
V179	q55E2_4	Q55E2. Who organized this training? Cooperative	
V180	q55E2_5	Q55E2. Who organized this training? Agronomist/advisor	
V181	q55E2_6	Q55E2. Who organized this training? Supplier	
V182	q55E2_7	Q55E2. Who organized this training? Governmental organization (e.g. Ministry)	
V183	q55E2_96	Q55E2. Who organized this training? Other specify 1:	
V184	q5501	Q5501. Have you been contacted by a Syngenta representative during the past season?	
V185	q5502_1	Q5502. Can you describe how the Syngenta representative contacted you? Demonstration day	
V186	q5502_2	Q5502. Can you describe how the Syngenta representative contacted you? They visited my farm	
V187	q5502_3	Q5502. Can you describe how the Syngenta representative contacted you? Received a brochure	
V188	q5502_4	Q5502. Can you describe how the Syngenta representative contacted you? Phone call	
V189	q5502_96	Q5502. Can you describe how the Syngenta representative contacted you? Other specify 1:	
V190	q5503	Q5503. How useful was contact with the Syngenta Representative	
V191	q4041a	Q4041.A. Do you feel the need to follow training on crop cultivation in the near future?	
V192	q54_1	Q54. Where do you deposit the rest water after spraying? Citerne (phytobac, heliosec, sentinel, biofilter)	
V193	q54_2	Q54. Where do you deposit the rest water after spraying? In fields	
V194	q54_3	Q54. Where do you deposit the rest water after spraying? In rivers, streams, drain or via the ditch	
V195	q54_96	Q54. Where do you deposit the rest water after spraying? Other specify 1:	
V196	q54_97	Q54. Where do you deposit the rest water after spraying? Other specify 2:	

ID	Name	Label	Question
V197	q54_99	Q54. Where do you deposit the rest water after spraying? Don't know / no answer	
V198	q54_oth1	Q54. Other 1:: Q54. Where do you deposit the rest water after spraying?	
V199	q54_oth2	Q54. Other 2:: Q54. Where do you deposit the rest water after spraying?	
V200	q55a_1	Q55a. Where do you clean your sprain equipment? On farm	
V201	q55b_1	Q55b. Where do you dispose the water used for cleaning you equipment? On field	
V202	q55b_2	Q55b. Where do you dispose the water used for cleaning you equipment? Citerne	
V203	q55b_3	Q55b. Where do you dispose the water used for cleaning you equipment? On an unpaved surface	
V204	q55b_4	Q55b. Where do you dispose the water used for cleaning you equipment? On a paved surface (drain / dike)	
V205	q55b_96	Q55b. Where do you dispose the water used for cleaning you equipment? Other specify 1:	
V206	q55b_99	Q55b. Where do you dispose the water used for cleaning you equipment? Don't know / no answer	
V207	q55c	Q55. C. Do you store the sprayer protected from rain?	
V208	q55d	Q55. D. Do you use drift-reducing nozzles on your sprayer?	
V209	q71c	Q71. C. Could you please note down the strengths of the Barley variety that you have sown.	
V210	q72	Q72. When did the first field preparation start for growing area A for <TARGET CROP> ?	
V211	q73	Q73. KGs/HECT of seeds sown for growing area A for <TARGET CROP>	
V212	q73a1	Q73A1. What is the amount of seeds that has been sown for growing area A?	
V213	q123b	Q123. B. Which type of potatoes do you cultivate on growing area A for potato?	
V214	q151	Q151. Are <TARGET CROP> grown on open field or in a greenhouse for growing area A?	
V215	q154a	Q154. A. # of plants transplanted per <MC2> for growing area A for <TARGET CROP>?	
V216	q74	Q74. When was the crop sown / planted for growing area A for <TARGET CROP>?	
V217	q7400	Q7400. Have you sown/planted <TARGET CROP> in the same period as last year?	
V218	q231b	Q231B. Are your seeds coated with crop protection products?	
V219	q233	Q233. Do you use on-farm or pre-treated seed treatment to treat the seeds for growing area A for <TARGET CROP>?	
V220	q397new	Q397_NEW. If you have received a crop program and/or any recommendations for growing to implement this season.	
V221	q224a	Q224 A. Did you perform a soil test for <TARGET CROP>?	
V222	q224	Q224. Do you apply organic fertilizers for <TARGET CROP>?	
V223	q226	Q226. Do you apply chemical fertilizers for <TARGET CROP>?	
V224	q229b1	Q229B1.Total number of applications you perform with chemical fertilizers on growing area for <TARGET CROP>?	
V225	q229b2	Q229B2.Total number of applications you perform with organic fertilizers on growing area for <TARGET CROP>?	
V226	q240e_1	Q240E. We would like to better understand the pest pressure on the selected growing areas. INSECT PRESSURE	
V227	q240e_2	Q240E. We would like to better understand the pest pressure on the selected growing areas. DISEASE PRESSURE	
V228	q240e_3	Q240E. We would like to better understand the pest pressure on the selected growing areas. WEED PRESSURE	
V229	q240en	Q240.E1. Do you generally use drift-reducing nozzles on your sprayer?	
V230	q240d	Q240D. Note down the total number of treatments you perform with crop protection products	
V231	q75	Q75. What is the final stand i.e. the number of plants - per <SQUARE METER>/<TARGET CROP>?	
V232	q76	Q76. Prior to harvest, indicate the percentage of the plot area that is lodged for <TARGET CROP>?	
V233	q243a	Q243. When was the harvest period for <TARGET CROP>?	

ID	Name	Label	Question
V234	q243b	Q243. When was the harvest period for <TARGET CROP>?	
V235	q243bb	Q243b. Have you harvested <TARGET CROP> in the same period as last year?	
V236	q244	Q244. Marketable yield that has been achieved for growing area A for <TARGET CROP> in <TON> per <HECTARES>?	
V237	q299	Q299. What is the tuber yield that has been achieved for potato in <TON>/<HECTARES>?	
V238	q4094_1	Q4094. Who measured the yield on each of the growing areas? Myself	
V239	q4094_2	Q4094. Who measured the yield on each of the growing areas? Dealer/store	
V240	q4094_3	Q4094. Who measured the yield on each of the growing areas? Manufacturer/representative	
V241	q4094_5	Q4094. Who measured the yield on each of the growing areas? Cooperative	
V242	q4094_96	Q4094. Who measured the yield on each of the growing areas? Other specify1	
V243	q4094_98	Q4094. Who measured the yield on each of the growing areas? Other specify3	
V244	q4094_99	Q4094. Who measured the yield on each of the growing areas? Don't know / no answer	
V245	q4095a	Q4095. A. Compared to previous year, would you say your yield has ...?	
V246	q4096a	Q4096. A. How satisfied are you with your yield this season?	
V247	q4097a	Q4097. A. How satisfied are you with the price you received on the market?	
V248	q251	Q251. % of crop damaged at the time of harvest (total lost - not marketable) for <TARGET CROP>?	
V249	q4091	Q4091. What is the average size (diameter) of one tomato/pepper harvested on average? (cm)	
V250	q4092	Q4092. What is the number of marketable tomatoes/peppers fruits per square meter?	
V251	q360a	Q360. When was the harvest period for <TARGET CROP>?	
V252	q360b	Q360. When was the harvest period for <TARGET CROP>?	
V253	q319a	Q319. When was the harvest period for sugarcane?	
V254	q319b	Q319. When was the harvest period for sugarcane?	
V255	q339a	Q339. When was the harvest period for banana?	
V256	q339b	Q339. When was the harvest period for banana?	
V257	q246_1	Q246. % of the harvest of your target crop is used for own consumption	
V258	q246_2	Q246. % of the harvest of your target crop is used for feeding livestock	
V259	q246_3	Q246. % of the harvest of your target crop is used for harvest sold	
V260	q4002	Q4002. Did you take measures to prevent post-harvest loss for <TARGET CROP>?	
V261	q7013	Q7013. How do you deal with crop residue of <TARGET CROP>?	
V262	q377	Q377. What is the estimated revenue in <DOLLAR>/<HECTARES> for growing area A of <TARGET CROP>?	
V263	q378	Q378. Could you please indicate the estimated revenue in general? <DOLLAR>/<HECTARES>.	
V264	q379	Q379.A Can you please explain your answer for <TARGET CROP>?	
V265	q380	Q380. What is your total input cost for <TARGET CROP> from first field preparation until harvest?	
V266	q4111_1	Q4111. Actual costs SEEDS for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V267	q4111_2	Q4111. Actual costs FERTILIZER for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V268	q4111_3	Q4111. Actual costs LABOR for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V269	q4111_4	Q4111. Actual costs MACHINERY <TARGET CROP>?<DOLLAR>/<HECTARES>	
V270	q4111_5	Q4111. Actual costs WATER USE for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V271	q4111_6	Q4111. Actual costs FUEL for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V272	q4111_7	Q4111. Actual costs RENT/LOAN for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V273	q4111_8	Q4111. Actual costs FUNGICIDES for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V274	q4111_9	Q4111. Actual costs HERBICIDES for <TARGET CROP>?<DOLLAR>/<HECTARES>	

ID	Name	Label	Question
V275	q4111_10	Q4111. Actual costs INSECTICIDES <TARGET CROP>?<DOLLAR>/<HECTARES>	
V276	q4111_98	Q4111. Actual costs DRYING for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V277	q381_1	Q381. Percentage of TREES/SEED costs out of the total input cost for <TARGET CROP>?	
V278	q381_2	Q381. Percentage of FERTILIZERS costs out of the total input cost for <TARGET CROP>?	
V279	q381_3	Q381. Percentage of PESTICIDES costs out of the total input cost for <TARGET CROP>?	
V280	q381_4	Q381. Percentage of LABOR costs out of the total input cost for <TARGET CROP>?	
V281	q381_5	Q381. Percentage of MACHINERY costs of the total input cost for <TARGET CROP>?	
V282	q381_6	Q381. Percentage of WATER USE costs out of the total input cost for <TARGET CROP>?	
V283	q381_7	Q381. Percentage of FUEL costs out of the total input cost for <TARGET CROP>?	
V284	q381_8	Q381. Percentage of ELECTRICITY costs out of the total input cost for <TARGET CROP>?	
V285	q381_9	Q381. Percentage of GAS costs out of the total input cost for <TARGET CROP>?	
V286	q381_10	Q381. Percentage of RENT/LOAN costs out of the total input cost for <TARGET CROP>?	
V287	q381_98	Q381. Percentage of OTHER costs out of the total input cost for <TARGET CROP>?	
V288	q4121	Q4121. In general for the whole cultivation period, rate the weather conditions for <TARGET CROP>?	
V289	q387_1	Q387. What was the impact for target crop? Reduced yield	
V290	q387_2	Q387. What was the impact for target crop? Reduced yield quality	
V291	q387_3	Q387. What was the impact for target crop? No impact	
V292	q387_96	Q387. What was the impact for target crop? Other. Specify 1:	
V293	q387_oth1	Q387.Other. Impact for growing area A on the <TARGET CROP>?	
V294	q388	Q388. How would you say the level of rainfall was for growing area A	
V295	q388b	Q388. B. You mentioned you had less rainfall this season than usual. Was this problematic?	
V296	q388d	Q388D. You mentioned you had more rainfall this season than usual. Was this problematic?	
V297	q3880	Q3880. How would you say the temperature was during this season ?	
V298	q3880b	Q3880 B. You mentioned you had lower temperatures this season than usual. Was this problematic?	
V299	q3880d	Q3880 D. You mentioned you had higher temperatures this season than usual. Was this problematic?	
V300	q389	Q389. What is the MAIN water source of <TARGET CROP> during this season?	
V301	q390	Q390. What is the number of days you have been irrigating <TARGET CROP>?	
V302	q391	Q391. What is the average amount of hours per day you have been irrigating of <TARGET CROP>?	
V303	q392	Q392. What is the amount of liters that is discharged per hour of <TARGET CROP>?	
V304	q7016	Q7016. Please indicate what percentage of the area is irrigated for <TARGET CROP>	
V305	q7017	Q7017. Which method of irrigation did you apply for <TARGET CROP>?	
V306	q399c	Q399.C. How satisfied are you with the crop program and/or recommendations for <TARGET CROP>?	
V307	q399e1	Q399. E1. What is your opinion about the in-furrow technology you applied?	
V308	date1	field preparation	
V309	date2	sowing/planting	
V310	date3a	begin harvest	
V311	date3b	end harvest	
V312	harvestyear	Data collection wave	
V313	q215	Q215. When did the first field preparation start for cauliflower?	
V314	q218	Q218. When have the young plants been planted for cauliflower?	
V315	q4000_1	q4000_1. To whom do you sell your yield - I sell it on the local market	
V316	q4000_2	q4000_2. To whom do you sell your yield - I sell it to a trader	

ID	Name	Label	Question
V317	q4000_3	q4000_3. To whom do you sell your yield - I sell it to a wholesaler	
V318	q4000_4	q4000_4. To whom do you sell your yield - I sell it to a feed processing plant	
V319	q4000_5	q4000_5. To whom do you sell your yield - I sell it to a cooperative I am part of	
V320	q4000_6	q4000_6. To whom do you sell your yield -I sell it under a contract	
V321	q4000_96	q4000_96. To whom do you sell your yield -Other. Specify 1:	
V322	q4000_oth1	Q4000b. Can you please tell us what are your main sources for selling the harvest? Other. Specify 1	
V323	q389_1	q389_1. Which water source has been used for irrigation? Private connection to pipeline	
V324	q389_2	q389_2. Which water source has been used for irrigation? Private well	
V325	q389_3	q389_3. Which water source has been used for irrigation? Private borehole	
V326	q389_4	q389_4. Which water source has been used for irrigation? Public river, stream	
V327	q389_5	q389_5. Which water source has been used for irrigation? Public lake, pond	
V328	q389_6	q389_6. Which water source has been used for irrigation? Rainwater in a tank	
V329	q399	Q399. Please explain why you follow or do not follow the crop program and/or recommendations.	
V330	q397	Q397. Received a recommended growing protocol or crop program from an agricultural advisor?	
V331	q397b_oth1	Q397B. From whom did you receive the protocol/crop program? Other 1	
V332	q397b_oth2	Q397B. From whom did you receive the protocol/crop program? Other 2	
V333	q397c	Q397C. Did you receive a protocol/crop program from Syngenta?	
V334	q397d_oth	Q397.D. From which manufacturer have you received a protocol/crop program? OTHER	
V335	q35a_1	Q35.A. What group/association/cooperative are a member of? 1ST	
V336	q35a_2	Q35.A. What group/association/cooperative are a member of? 2ND	
V337	q35a_3	Q35.A. What group/association/cooperative are a member of? 3RD	
V338	q58	Q58. In general, what is the topography of your growing area?	
V339	q230_1	Bought seeds	
V340	q230_2	Saved seeds	
V341	q327	Q327. Please indicate the number of harvests/pickings per year for tomatoes/peppers?	
V342	q302	Q302. What is the percentage of decay for potato?	
V343	q303	Q303. What is the percentage of shrink loss for potato?	
V344	q4001	Q4001. % of crop lost in-between harvest and storage or selling <TARG1>?	
V345	q152	Q152. Are <TARG1> grown in an active greenhouse or a passive greenhouse?	
V346	q147	Q147. When have the young plants been planted ?	
V347	q247_1a	Q247. BUYER 1 % of yield	
V348	q247_2a	Q247. BUYER 2 % of yield	
V349	q247_3a	Q247. BUYER 3 % of yield	
V350	q247_4a	Q247. BUYER 4 % of yield	
V351	q247_5a	Q247. BUYER 5 % of yield	
V352	q247_1b	Q247. BUYER 1 price per metric ton	
V353	q247_2b	Q247. BUYER 2 price per metric ton	
V354	q247_3b	Q247. BUYER 3 price per metric ton	
V355	q247_4b	Q247. BUYER 4 price per metric ton	
V356	q247_5b	Q247. BUYER 5 price per metric ton	
V357	q301	Q301. What is the starch content per potato? (%)	

total: 282

Data file: Crop_protection

Cases: 0

variables: 32

variables

ID	Name	Label	Question
V358	harvestyear	Data collection wave	
V359	GrowingArea	To which field/plot does the information relate to?	
V360	ClusterID	Unique cluster ID	
V361	country	Country	
V362	Farmtype	FARMTYPE	
V363	GrowerID	Unique respondent ID	
V364	product	Unique code of a product within application	
V365	crop	The crop of focus	
V366	application	Unique code of an application per field per grower	
V367	q241a	Q241 a. Timing of product application	
V368	q241b	Q241 b.Type of product	
V369	q241c	Q241 c . Brand product name	
V370	q241c1	Q241 c1. Brand product formulation	
V371	c241c	CODED VARIABLE - stringcode	
V372	c241ca1	CODED VARIABLE - active ingredient1	
V373	c241cp1	CODED VARIABLE - amount of ai1	
V374	c241cu1	CODED VARIABLE - unit (% or Gr)	
V375	c241ca2	CODED VARIABLE - active ingredient2	
V376	c241cp2	CODED VARIABLE - amount of ai2	
V377	c241ca3	CODED VARIABLE - active ingredient3	
V378	c241cp3	CODED VARIABLE - amount of ai3	
V379	c241cpt	CODED VARIABLE - total amount of ai	
V380	q241d	CODED VARIABLE Q241 d. Dosage ?	
V381	q241e	CODED VARIABLE Q241 e. Unit of quantity	
V382	q241f	Q241 f. Amount of H2O solved in LITERS per <HECTARE>	
V383	q241g	Q241 g. Pest/disease/ weed targeted ?	
V384	q241h	Q241 h. Level of pest/ disease/ weed pressure	
V385	q241i	Q241 i. Percentage of the area treated against pests/ diseases/ weeds	
V386	q241j	Q241 j. Percentage of crop free of pests/ diseases/ weeds at harvest (in %)	
V387	q241k	Q241 k. Equipment type ?	
V388	q241n	Q241 n. What is the timing of the treatment - before crop-emergence or after crop-emergence	
V389	syngenta	CODED VARIABLE Syngenta product? (1 = YES; 0 = NO)	

total: 32

Data file: Location

Cases:	0
variables:	19

variables

ID	Name	Label	Question
V390	harvestyear	Year in which the data was collected	
V391	country	Country	
V392	ClusterID	Unique identifier per cluster	
V393	GrowerID	Unique identifier per grower	
V394	GrowingArea	Field code (A or B)	
V395	CORNER	Multiple corners of same field can be registered (only from 2018 onwards)	
V396	gps_option	gps_option	
V397	gps_shape	Description of the field (from 2018 onwards)	
V398	q22d_lat_deg	Latitude degrees	
V399	q22d_lat_min	Latitude minutes	
V400	q22d_lat_sec	Latitude seconds	
V401	q22d_lon_deg	Longitude degrees	
V402	q22d_lon_min	Longitude minutes	
V403	q22d_lon_sec	Longitude seconds	
V404	remark_area	Remark from the interviewer (2019 onwards)	
V405	q151	Q151. Open field or in a greenhouse?	
V406	q1f	Q1. F. Would it be okay for you for this company to contact you with information on The GGP?	
V407	q25	Q25. Farm address - postal code	
V408	admin_level_1	administrative area 1	

total: 19

Data file: Activities and Machinery (Q382)

Cases: 0

variables: 9

variables

ID	Name	Label	Question
V409	harvestyear	Year in which the data was collected	
V410	country	Country	
V411	crop	Crop	
V412	ClusterID	Unique identifier per cluster	
V413	farmtype	Reference farms versus Benchmark farms	
V414	GrowerID	Unique identifier per grower	
V415	GrowingArea	Field code (A or B)	
V416	activity	Which activities did the grower do on his field?	
V417	Machinery	Did he use power driven equipment to complete this activity?	

total: 9

HARVESTYEAR: Data collection wave**Data file: fertilizers****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 2015 - 2019 Format: Numeric

Q229CB: Q229C b.Type of product**Data file: fertilizers****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Chemical fertilizer
2	Organic fertilizer

GROWINGAREA: To which field/plot does the information relate to?**Data file: fertilizers****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	A
2	B

CLUSTERID: Unique cluster ID**Data file: fertilizers****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
KenyaPotato1	KenyaPotato1
KenyaPotato1+2	KenyaPotato1+2
KenyaPotato2	KenyaPotato2
KenyaPotato3	KenyaPotato3
KenyaTomato1	KenyaTomato1
KenyaTomato1+2	KenyaTomato1+2
KenyaTomato2	KenyaTomato2
KenyaWheat1	KenyaWheat1
KenyaWheat2	KenyaWheat2

COUNTRY: Country

Data file: fertilizers

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
Kenya	Kenya

FARMTYPE: Farm Type

Data file: fertilizers

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
BF	BF
RF	RF

GROWERID: Unique respondent ID**Data file: fertilizers****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
24102300	24102300
24103900	24103900
24104100	24104100
24107500	24107500
24111500	24111500
24112000	24112000
24112100	24112100
24112300	24112300
24112400	24112400
24112600	24112600
24112700	24112700
24112800	24112800
24112900	24112900
24113000	24113000
24113100	24113100
24113400	24113400
24113600	24113600
24116100	24116100
24117100	24117100
24117200	24117200
24117300	24117300
24117400	24117400
24117500	24117500
24117600	24117600
24131100	24131100
24140600	24140600
24140700	24140700
24200100	24200100

24200400	24200400
24200500	24200500
24200600	24200600
24200700	24200700
24200900	24200900
24201000	24201000
24201100	24201100
24201200	24201200
24201300	24201300
24201400	24201400
24201500	24201500
24201700	24201700
24201800	24201800
24202400	24202400
24202500	24202500
24202600	24202600
24202700	24202700
24202800	24202800
24202900	24202900
24203000	24203000
24203100	24203100
24203200	24203200
24203300	24203300
24203400	24203400
24203500	24203500
24203600	24203600
24203700	24203700
24203800	24203800
24204400	24204400
24204500	24204500
24204800	24204800
24204900	24204900
24205000	24205000
24205100	24205100
24205200	24205200
24205300	24205300
24205500	24205500
24205600	24205600
24205700	24205700

24205800	24205800
24205900	24205900
24206000	24206000
24206200	24206200
24206300	24206300
24206400	24206400
24206500	24206500
24206600	24206600
24206700	24206700
24206800	24206800
24206900	24206900
24207000	24207000
24207100	24207100
24207200	24207200
24207300	24207300
24207600	24207600
24207700	24207700
24207800	24207800
24207900	24207900
24208100	24208100
24208300	24208300
24208400	24208400
24208500	24208500
24208600	24208600
24208700	24208700
24208900	24208900
24209000	24209000
24209100	24209100
24209200	24209200
24209300	24209300
24209400	24209400
24209500	24209500
24209700	24209700
24209900	24209900
24210000	24210000
24210100	24210100
24210200	24210200
24210300	24210300
24210400	24210400

24210500	24210500
24210600	24210600
24210800	24210800
24211100	24211100
24211300	24211300
24212500	24212500
24213800	24213800
24213900	24213900
24214000	24214000
24214100	24214100
24214200	24214200
24214500	24214500
24214600	24214600
24214700	24214700
24214900	24214900
24215100	24215100
24215400	24215400
24215500	24215500
24215600	24215600
24215700	24215700
24216000	24216000
24216100	24216100
24216200	24216200
24216300	24216300
24216400	24216400
24216500	24216500
24216600	24216600
24216700	24216700
24216800	24216800
24216900	24216900
24217700	24217700
24217800	24217800
24218000	24218000
24218100	24218100
24218200	24218200
24218300	24218300
24218400	24218400
24218500	24218500
24218600	24218600

24218700	24218700
24218800	24218800
24218900	24218900
24219000	24219000
24219100	24219100
24219200	24219200
24219300	24219300
24219400	24219400
24219500	24219500
24219600	24219600
24219700	24219700
24219800	24219800
24219900	24219900
24230000	24230000
24230100	24230100
24230200	24230200
24230300	24230300
24230400	24230400
24230500	24230500
24230600	24230600
24230700	24230700
24230800	24230800
24230900	24230900
24231000	24231000
24240100	24240100
24240200	24240200
24240300	24240300
24240400	24240400
24240500	24240500

PRODUCT: Unique code of a product that was applied

Data file: fertilizers

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

Value	Category
1	1
2	2
3	3
4	4
5	5
6	6

CROP: The crop of focus

Data file: fertilizers

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
Potato	Potato
Tomato	Tomato
Wheat	Wheat

Q229CA: Q229C a. Timing of (fertilizer) application AREA A

Data file: fertilizers

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
2014-05-27	2014-05-27
2014-06-12	2014-06-12
2014-07-15	2014-07-15
2014-07-19	2014-07-19
2014-07-29	2014-07-29
2014-08-02	2014-08-02

2014-08-04	2014-08-04
2014-08-05	2014-08-05
2014-08-09	2014-08-09
2014-08-10	2014-08-10
2014-08-25	2014-08-25
2014-09-10	2014-09-10
2014-09-15	2014-09-15
2014-09-25	2014-09-25
2014-10-01	2014-10-01
2014-10-08	2014-10-08
2014-10-15	2014-10-15
2014-10-17	2014-10-17
2014-11-28	2014-11-28
2014-11-30	2014-11-30
2014-12-20	2014-12-20
2015-01-01	2015-01-01
2015-01-02	2015-01-02
2015-01-03	2015-01-03
2015-02-17	2015-02-17
2015-02-24	2015-02-24
2015-03-01	2015-03-01
2015-03-04	2015-03-04
2015-03-05	2015-03-05
2015-03-07	2015-03-07
2015-03-15	2015-03-15
2015-03-21	2015-03-21
2015-03-25	2015-03-25
2015-03-26	2015-03-26
2015-03-28	2015-03-28
2015-03-30	2015-03-30
2015-04-01	2015-04-01
2015-04-02	2015-04-02
2015-04-03	2015-04-03
2015-04-04	2015-04-04
2015-04-05	2015-04-05
2015-04-10	2015-04-10
2015-04-15	2015-04-15
2015-04-18	2015-04-18
2015-04-19	2015-04-19

2015-04-20	2015-04-20
2015-04-24	2015-04-24
2015-04-25	2015-04-25
2015-04-26	2015-04-26
2015-04-28	2015-04-28
2015-04-30	2015-04-30
2015-05-01	2015-05-01
2015-05-02	2015-05-02
2015-05-03	2015-05-03
2015-05-04	2015-05-04
2015-05-05	2015-05-05
2015-05-06	2015-05-06
2015-05-08	2015-05-08
2015-05-09	2015-05-09
2015-05-10	2015-05-10
2015-05-11	2015-05-11
2015-05-12	2015-05-12
2015-05-13	2015-05-13
2015-05-15	2015-05-15
2015-05-17	2015-05-17
2015-05-18	2015-05-18
2015-05-19	2015-05-19
2015-05-20	2015-05-20
2015-05-21	2015-05-21
2015-05-22	2015-05-22
2015-05-23	2015-05-23
2015-05-27	2015-05-27
2015-05-28	2015-05-28
2015-05-29	2015-05-29
2015-05-30	2015-05-30
2015-06-01	2015-06-01
2015-06-02	2015-06-02
2015-06-04	2015-06-04
2015-06-05	2015-06-05
2015-06-06	2015-06-06
2015-06-07	2015-06-07
2015-06-09	2015-06-09
2015-06-10	2015-06-10
2015-06-11	2015-06-11

2015-06-14	2015-06-14
2015-06-15	2015-06-15
2015-06-23	2015-06-23
2015-06-24	2015-06-24
2015-06-29	2015-06-29
2015-06-30	2015-06-30
2015-07-01	2015-07-01
2015-07-08	2015-07-08
2015-07-10	2015-07-10
2015-07-20	2015-07-20
2015-07-29	2015-07-29
2015-07-31	2015-07-31
2015-08-01	2015-08-01
2015-08-05	2015-08-05
2015-08-07	2015-08-07
2015-08-10	2015-08-10
2015-08-15	2015-08-15
2015-08-17	2015-08-17
2015-08-19	2015-08-19
2015-08-20	2015-08-20
2015-08-30	2015-08-30
2015-08-31	2015-08-31
2015-09-01	2015-09-01
2015-09-02	2015-09-02
2015-09-05	2015-09-05
2015-09-07	2015-09-07
2015-09-09	2015-09-09
2015-09-15	2015-09-15
2015-09-16	2015-09-16
2015-09-17	2015-09-17
2015-09-18	2015-09-18
2015-09-20	2015-09-20
2015-09-21	2015-09-21
2015-09-25	2015-09-25
2015-09-27	2015-09-27
2015-09-28	2015-09-28
2015-09-30	2015-09-30
2015-10-20	2015-10-20
2016-08-03	2016-08-03

2016-08-05	2016-08-05
2016-09-01	2016-09-01
2016-09-02	2016-09-02
2016-09-05	2016-09-05
2016-09-10	2016-09-10
2016-09-12	2016-09-12
2016-09-15	2016-09-15
2016-09-18	2016-09-18
2016-09-20	2016-09-20
2016-09-30	2016-09-30
2016-10-01	2016-10-01
2016-10-04	2016-10-04
2016-10-05	2016-10-05
2016-10-06	2016-10-06
2016-10-08	2016-10-08
2016-10-10	2016-10-10
2016-10-11	2016-10-11
2016-10-12	2016-10-12
2016-10-15	2016-10-15
2016-10-20	2016-10-20
2016-11-01	2016-11-01
2016-11-08	2016-11-08
2016-11-10	2016-11-10
2016-11-12	2016-11-12
2016-11-15	2016-11-15
2016-11-16	2016-11-16
2016-11-18	2016-11-18
2016-11-19	2016-11-19
2016-11-20	2016-11-20
2017-02-14	2017-02-14
2017-02-15	2017-02-15
2017-02-16	2017-02-16
2017-02-23	2017-02-23
2017-02-28	2017-02-28
2017-03-01	2017-03-01
2017-03-02	2017-03-02
2017-03-03	2017-03-03
2017-03-04	2017-03-04
2017-03-10	2017-03-10

2017-03-15	2017-03-15
2017-03-16	2017-03-16
2017-03-19	2017-03-19
2017-03-20	2017-03-20
2017-03-21	2017-03-21
2017-03-23	2017-03-23
2017-03-24	2017-03-24
2017-03-25	2017-03-25
2017-03-26	2017-03-26
2017-03-27	2017-03-27
2017-03-28	2017-03-28
2017-03-30	2017-03-30
2017-04-01	2017-04-01
2017-04-02	2017-04-02
2017-04-03	2017-04-03
2017-04-04	2017-04-04
2017-04-05	2017-04-05
2017-04-14	2017-04-14
2017-04-16	2017-04-16
2017-04-17	2017-04-17
2017-04-18	2017-04-18
2017-04-20	2017-04-20
2017-04-26	2017-04-26
2017-04-28	2017-04-28
2017-04-30	2017-04-30
2017-05-01	2017-05-01
2017-05-03	2017-05-03
2017-05-10	2017-05-10
2017-05-15	2017-05-15
2017-05-17	2017-05-17
2017-05-19	2017-05-19
2017-05-25	2017-05-25
2017-09-20	2017-09-20
2018-01-01	2018-01-01
2018-01-07	2018-01-07
2018-01-11	2018-01-11
2018-01-21	2018-01-21
2018-01-25	2018-01-25
2018-02-01	2018-02-01

2018-02-03	2018-02-03
2018-02-13	2018-02-13
2018-02-15	2018-02-15
2018-02-16	2018-02-16
2018-02-17	2018-02-17
2018-02-20	2018-02-20
2018-02-24	2018-02-24
2018-02-25	2018-02-25
2018-02-27	2018-02-27
2018-02-28	2018-02-28
2018-03-01	2018-03-01
2018-03-03	2018-03-03
2018-03-05	2018-03-05
2018-03-06	2018-03-06
2018-03-09	2018-03-09
2018-03-10	2018-03-10
2018-03-12	2018-03-12
2018-03-13	2018-03-13
2018-03-14	2018-03-14
2018-03-15	2018-03-15
2018-03-17	2018-03-17
2018-03-19	2018-03-19
2018-03-20	2018-03-20
2018-03-25	2018-03-25
2018-03-28	2018-03-28
2018-03-29	2018-03-29
2018-03-30	2018-03-30
2018-03-31	2018-03-31
2018-04-01	2018-04-01
2018-04-02	2018-04-02
2018-04-04	2018-04-04
2018-04-05	2018-04-05
2018-04-06	2018-04-06
2018-04-07	2018-04-07
2018-04-10	2018-04-10
2018-04-12	2018-04-12
2018-04-14	2018-04-14
2018-04-15	2018-04-15
2018-04-17	2018-04-17

2018-04-20	2018-04-20
2018-04-27	2018-04-27
2018-04-28	2018-04-28
2018-04-30	2018-04-30
2018-05-03	2018-05-03
2018-05-10	2018-05-10
2018-05-14	2018-05-14
2018-05-17	2018-05-17
2018-05-21	2018-05-21
2018-05-23	2018-05-23
2018-05-29	2018-05-29
2018-06-10	2018-06-10
2018-06-11	2018-06-11
2019-01-05	2019-01-05
2019-02-05	2019-02-05
2019-02-24	2019-02-24
2019-03-01	2019-03-01
2019-03-04	2019-03-04
2019-03-05	2019-03-05
2019-03-06	2019-03-06
2019-03-07	2019-03-07
2019-03-08	2019-03-08
2019-03-10	2019-03-10
2019-03-12	2019-03-12
2019-03-13	2019-03-13
2019-03-15	2019-03-15
2019-03-16	2019-03-16
2019-03-18	2019-03-18
2019-03-21	2019-03-21
2019-03-23	2019-03-23
2019-03-24	2019-03-24
2019-03-25	2019-03-25
2019-03-27	2019-03-27
2019-03-28	2019-03-28
2019-03-30	2019-03-30
2019-04-01	2019-04-01
2019-04-02	2019-04-02
2019-04-03	2019-04-03
2019-04-04	2019-04-04

2019-04-05	2019-04-05
2019-04-06	2019-04-06
2019-04-08	2019-04-08
2019-04-10	2019-04-10
2019-04-12	2019-04-12
2019-04-13	2019-04-13
2019-04-14	2019-04-14
2019-04-15	2019-04-15
2019-04-16	2019-04-16
2019-04-17	2019-04-17
2019-04-18	2019-04-18
2019-04-19	2019-04-19
2019-04-20	2019-04-20
2019-04-21	2019-04-21
2019-04-22	2019-04-22
2019-04-23	2019-04-23
2019-04-24	2019-04-24
2019-04-25	2019-04-25
2019-04-26	2019-04-26
2019-04-27	2019-04-27
2019-04-28	2019-04-28
2019-04-29	2019-04-29
2019-04-30	2019-04-30
2019-05-01	2019-05-01
2019-05-02	2019-05-02
2019-05-03	2019-05-03
2019-05-07	2019-05-07
2019-05-09	2019-05-09
2019-05-10	2019-05-10
2019-05-12	2019-05-12
2019-05-15	2019-05-15
2019-05-16	2019-05-16
2019-05-17	2019-05-17
2019-05-19	2019-05-19
2019-05-20	2019-05-20
2019-05-24	2019-05-24
2019-05-26	2019-05-26
2019-05-30	2019-05-30
2019-06-08	2019-06-08

2019-06-12	2019-06-12
2019-06-14	2019-06-14
2019-06-20	2019-06-20

Q229CD: Q229C d. Dosage (in KG/HECT or LITER/HECT)

Data file: fertilizers

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0.5 - 5000 Format: Numeric

Q229CE: Q229C e. Unit of quantity

Data file: fertilizers

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
KG/HECT	KG/HECT
LITER/HECT	LITER/HECT

Q229CF: Q229C f. Amount of H2O solved in LITERS per HECT

Data file: fertilizers

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 1000 Format: Numeric

Q229CG: Q229C g. Percentage N (in %)

Data file: fertilizers

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 70 Format: Numeric

Q229CH: Q229C h. Percentage P (P2O5) (in %)**Data file: fertilizers****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 46 Format: Numeric

Q229CI: Q229C i. Percentage K (K2O) (in %)**Data file: fertilizers****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 30 Format: Numeric

Q229CJ: Q229C j. Equipment type**Data file: fertilizers****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
Granular applicator	Granular applicator
Hand operated sprayers (e.g. knapsack),	Hand operated sprayers (e.g. knapsack),
Other	Other

HARVESTYEAR: Data collection wave**Data file:** seed_treatment**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 2015 - 2019 Format: Numeric

GROWINGAREA: To which field/plot does the information relate to?**Data file:** seed_treatment**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
A	A
B	B

CLUSTERID: Unique cluster ID**Data file:** seed_treatment**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
KenyaPotato1	KenyaPotato1
KenyaPotato1+2	KenyaPotato1+2
KenyaTomato1	KenyaTomato1
KenyaTomato1+2	KenyaTomato1+2
KenyaTomato2	KenyaTomato2
KenyaWheat1	KenyaWheat1
KenyaWheat2	KenyaWheat2

COUNTRY: Country**Data file: seed_treatment****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
Kenya	Kenya

FARMTYPE: FARMTYPE**Data file: seed_treatment****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
BF	BF
RF	RF

GROWERID: Unique respondent ID**Data file: seed_treatment****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
24103900	24103900
24111500	24111500
24112100	24112100
24112800	24112800

24112900	24112900
24113000	24113000
24113100	24113100
24113200	24113200
24113400	24113400
24113500	24113500
24113600	24113600
24116100	24116100
24131100	24131100
24140600	24140600
24140700	24140700
24202500	24202500
24203500	24203500
24205100	24205100
24205200	24205200
24205300	24205300
24206200	24206200
24206500	24206500
24206600	24206600
24206700	24206700
24207100	24207100
24207800	24207800
24208600	24208600
24208700	24208700
24208900	24208900
24209000	24209000
24209100	24209100
24209500	24209500
24210000	24210000
24210100	24210100
24210200	24210200
24210300	24210300
24210400	24210400
24210500	24210500
24210600	24210600
24210700	24210700
24210800	24210800
24210900	24210900
24211000	24211000

24211100	24211100
24211200	24211200
24211300	24211300
24211400	24211400
24213800	24213800
24213900	24213900
24214000	24214000
24214100	24214100
24214200	24214200
24214300	24214300
24214500	24214500
24214600	24214600
24214700	24214700
24214900	24214900
24215100	24215100
24215400	24215400
24215500	24215500
24215600	24215600
24215700	24215700
24215800	24215800
24216000	24216000
24216100	24216100
24216200	24216200
24216300	24216300
24216400	24216400
24216500	24216500
24216700	24216700
24216800	24216800
24230000	24230000
24230100	24230100
24230200	24230200
24230300	24230300
24230400	24230400
24230900	24230900
24231000	24231000
24240100	24240100
24240200	24240200
24240300	24240300
24240400	24240400

24240500

24240500

PRODUCT: Unique code of a product that was applied**Data file:** seed_treatment**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
1	1
2	2
3	3
4	4
5	5

CROP: The crop of focus**Data file:** seed_treatment**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
Potato	Potato
Tomato	Tomato
Wheat	Wheat

Q73: What is the amount of seeds in that has been sown per ?**Data file:** seed_treatment**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0.02 - 2200 Format: Numeric

Q233C_A: Q233C. a. Timing of product application**Data file: seed_treatment****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
2014-03-11	2014-03-11
2014-03-15	2014-03-15
2014-03-21	2014-03-21
2014-04-01	2014-04-01
2014-04-05	2014-04-05
2014-04-11	2014-04-11
2014-04-12	2014-04-12
2014-04-13	2014-04-13
2014-04-15	2014-04-15
2014-05-15	2014-05-15
2014-05-18	2014-05-18
2014-05-20	2014-05-20
2014-06-15	2014-06-15
2014-06-20	2014-06-20
2014-06-26	2014-06-26
2014-07-26	2014-07-26
2014-08-01	2014-08-01
2014-08-15	2014-08-15
2014-08-16	2014-08-16
2014-08-25	2014-08-25
2014-09-21	2014-09-21
2015-02-05	2015-02-05
2015-03-04	2015-03-04
2015-03-12	2015-03-12
2015-03-20	2015-03-20
2015-03-24	2015-03-24
2015-03-26	2015-03-26
2015-04-01	2015-04-01

2015-04-05	2015-04-05
2015-04-08	2015-04-08
2015-04-11	2015-04-11
2015-04-15	2015-04-15
2015-04-17	2015-04-17
2015-04-25	2015-04-25
2015-05-11	2015-05-11
2015-06-20	2015-06-20
2015-07-11	2015-07-11
2015-07-20	2015-07-20
2015-07-22	2015-07-22
2015-07-25	2015-07-25
2015-08-01	2015-08-01
2015-08-06	2015-08-06
2015-08-10	2015-08-10
2015-08-11	2015-08-11
2015-08-12	2015-08-12
2015-08-13	2015-08-13
2015-08-14	2015-08-14
2015-08-15	2015-08-15
2015-08-16	2015-08-16
2015-08-17	2015-08-17
2015-08-20	2015-08-20
2015-08-21	2015-08-21
2015-09-20	2015-09-20
2016-02-01	2016-02-01
2016-02-20	2016-02-20
2016-04-29	2016-04-29
2018-03-01	2018-03-01
2018-04-01	2018-04-01

Q233C_B: Q233C. b.Type of product

Data file: seed_treatment

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Fungicide
2	Insecticide
3	Plant growth regulator/harvest aids/adjuvants
4	Herbicide

Q233C_C: Q233C. c. Brand product name

Data file: seed_treatment

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q233C_C2: Q233C. c2. Brand product formulation

Data file: seed_treatment

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

C233C_C: CODED VARIABLE - stringcode

Data file: seed_treatment

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

C233CA1: CODED VARIABLE - active ingredient1

Data file: seed_treatment

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
ALPHA-CYPERMETHRIN	ALPHA-CYPERMETHRIN
CARBENDAZIM	CARBENDAZIM
CHLORANTRANILIPROLE	CHLORANTRANILIPROLE
CLOQUINTOCET-MEXYL	CLOQUINTOCET-MEXYL
COPPER SALTS OF FATTY AND ROSIN ACIDS	COPPER SALTS OF FATTY AND ROSIN ACIDS
COPPER-OXYCHLORIDE	COPPER-OXYCHLORIDE
CYPERMETHRIN	CYPERMETHRIN
DIFENOCONAZOLE	DIFENOCONAZOLE
Do not know	Do not know
IMIDACLOPRID	IMIDACLOPRID
IODOSULFURON-M	IODOSULFURON-M
LAMBDA CYHALOTHRIN	LAMBDA CYHALOTHRIN
LUFENURON	LUFENURON
MANCOZEB (VONDOZEB)	MANCOZEB (VONDOZEB)
METRIBUZIN	METRIBUZIN
TEBUCONAZOLE	TEBUCONAZOLE
THIAMETHOXAM	THIAMETHOXAM
TRIASULFURON	TRIASULFURON

C233CP1: CODED VARIABLE - amount of ai1**Data file:** seed_treatment**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 2 - 500 Format: Numeric

C233CU1: CODED VARIABLE - unit (% or Gr)**Data file:** seed_treatment**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
%	%
g/l	g/l

C233CA2: CODED VARIABLE - active ingredient2**Data file:** seed_treatment**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
BETA-CYFLUTHRIN	BETA-CYFLUTHRIN
CHLOREPYROPHOS	CHLOREPYROPHOS
IMIDACLOPRID	IMIDACLOPRID
LAMBDA CYHALOTHRIN	LAMBDA CYHALOTHRIN
MEFENPIR-DIETIL	MEFENPIR-DIETIL
METALAXIL	METALAXIL
METALAXIL-M	METALAXIL-M
PINOXADEN	PINOXADEN
THIAMETHOXAM	THIAMETHOXAM

C233CP2: CODED VARIABLE - amount of ai2**Data file:** seed_treatment**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 4 - 350 Format: Numeric

C233CA3: CODED VARIABLE - active ingredient3**Data file:** seed_treatment**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
DIFENOCONAZOLE	DIFENOCONAZOLE
METSULFURON	METSULFURON

C233CP3: CODED VARIABLE - amount of ai3**Data file:** seed_treatment**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 2 - 6 Format: Numeric

Q233C_D: Q233C. d. PRODUCT 1: Dosage**Data file:** seed_treatment**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 22 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	100

2	70
3	200
4	400
5	50
6	60
7	300
8	150
9	40
10	500
11	600
12	30
13	125
14	2000
15	250
16	1000
17	20
18	6
19	160
20	2400
21	240
22	310

Q233C_E: Q233C. e. PRODUCT 1: Unit of quantity

Data file: seed_treatment

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
G/KG	G/KG
GRAM/HECT	GRAM/HECT
MILLILITER/HECT	MILLILITER/HECT

Q233C_F: Q233C. f. PRODUCT 1: Amount of H2O solved in LITERS per**Data file: seed_treatment****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 15 - 500 Format: Numeric

Q233C_G: Q233C. g. PRODUCT 1: Pest/disease/ weed targeted**Data file: seed_treatment****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
99	99
Aphids	Aphids
Blight	Blight
Butterfly	Butterfly
Cutworms	Cutworms
DK	DK
Don't know	Don't know
Don't know / no answer	Don't know / no answer
Pest	Pest
aphids	aphids
aphids/pest	aphids/pest
blight	blight
cold	cold
coldness	coldness
coldness/frost	coldness/frost
disease	disease
dk	dk
early blight	early blight
frost	frost
fungal	fungal
fungal nematoads	fungal nematoads
fungal/ disease	fungal/ disease
fungals	fungals

fungus	fungus
growth	growth
nutrition	nutrition
pest	pest
pests	pests
rust	rust
white flies	white flies

SYNGENTA: CODED VARIABLE Syngenta product? (1 = YES; 0 = NO)

Data file: seed_treatment

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Yes
2	No

HARVESTYEAR: Data collection wave**Data file:** Farm_level_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 2014 - 2019 Format: Numeric

REGION: Syngenta's definition of Region**Data file:** Farm_level_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
eame	eame

TERRITORY: Syngenta's definition of Territory**Data file:** Farm_level_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
africa middle-east	africa middle-east

GROWINGAREA: To which field/plot does the information relate to?**Data file:** Farm_level_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
A	A
B	B

CLUSTERID: Unique cluster ID

Data file: Farm_level_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
kenyapotato1	kenyapotato1
kenyapotato1+2	kenyapotato1+2
kenyapotato2	kenyapotato2
kenyapotato3	kenyapotato3
kenyatomato1	kenyatomato1
kenyatomato1+2	kenyatomato1+2
kenyatomato2	kenyatomato2
kenyawheat1	kenyawheat1
kenyawheat2	kenyawheat2

COUNTRY: Country

Data file: Farm_level_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
Kenya	Kenya

FARMTYPE: Farm type**Data file:** Farm_level_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
bf	bf
rf	rf

GROWERID: Unique respondent ID**Data file:** Farm_level_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
24102100	24102100
24102200	24102200
24102300	24102300
24103900	24103900
24104000	24104000
24104100	24104100
24104200	24104200
24104300	24104300
24107500	24107500
24111500	24111500
24111600	24111600
24111700	24111700
24111800	24111800
24111900	24111900

24112000	24112000
24112100	24112100
24112300	24112300
24112400	24112400
24112600	24112600
24112700	24112700
24112800	24112800
24112900	24112900
24113000	24113000
24113100	24113100
24113200	24113200
24113300	24113300
24113400	24113400
24113500	24113500
24113600	24113600
24116100	24116100
24117100	24117100
24117200	24117200
24117300	24117300
24117400	24117400
24117500	24117500
24117600	24117600
24131100	24131100
24140600	24140600
24140700	24140700
24200100	24200100
24200400	24200400
24200500	24200500
24200600	24200600
24200700	24200700
24200900	24200900
24201000	24201000
24201100	24201100
24201200	24201200
24201300	24201300
24201400	24201400
24201500	24201500
24201700	24201700
24201800	24201800

24201900	24201900
24202400	24202400
24202500	24202500
24202600	24202600
24202700	24202700
24202800	24202800
24202900	24202900
24203000	24203000
24203100	24203100
24203200	24203200
24203300	24203300
24203400	24203400
24203500	24203500
24203600	24203600
24203700	24203700
24203800	24203800
24204400	24204400
24204500	24204500
24204800	24204800
24204900	24204900
24205000	24205000
24205100	24205100
24205200	24205200
24205300	24205300
24205500	24205500
24205600	24205600
24205700	24205700
24205800	24205800
24205900	24205900
24206000	24206000
24206200	24206200
24206300	24206300
24206400	24206400
24206500	24206500
24206600	24206600
24206700	24206700
24206800	24206800
24206900	24206900
24207000	24207000

24207100	24207100
24207200	24207200
24207300	24207300
24207600	24207600
24207700	24207700
24207800	24207800
24207900	24207900
24208100	24208100
24208300	24208300
24208400	24208400
24208500	24208500
24208600	24208600
24208700	24208700
24208900	24208900
24209000	24209000
24209100	24209100
24209200	24209200
24209300	24209300
24209400	24209400
24209500	24209500
24209700	24209700
24209900	24209900
24210000	24210000
24210100	24210100
24210200	24210200
24210300	24210300
24210400	24210400
24210500	24210500
24210600	24210600
24210700	24210700
24210800	24210800
24210900	24210900
24211000	24211000
24211100	24211100
24211200	24211200
24211300	24211300
24211400	24211400
24212500	24212500
24213700	24213700

24213800	24213800
24213900	24213900
24214000	24214000
24214100	24214100
24214200	24214200
24214300	24214300
24214400	24214400
24214500	24214500
24214600	24214600
24214700	24214700
24214800	24214800
24214900	24214900
24215000	24215000
24215100	24215100
24215200	24215200
24215300	24215300
24215400	24215400
24215500	24215500
24215600	24215600
24215700	24215700
24215800	24215800
24215900	24215900
24216000	24216000
24216100	24216100
24216200	24216200
24216300	24216300
24216400	24216400
24216500	24216500
24216600	24216600
24216700	24216700
24216800	24216800
24216900	24216900
24217700	24217700
24217800	24217800
24218000	24218000
24218100	24218100
24218200	24218200
24218300	24218300
24218400	24218400

24218500	24218500
24218600	24218600
24218700	24218700
24218800	24218800
24218900	24218900
24219000	24219000
24219100	24219100
24219200	24219200
24219300	24219300
24219400	24219400
24219500	24219500
24219600	24219600
24219700	24219700
24219800	24219800
24219900	24219900
24230000	24230000
24230100	24230100
24230200	24230200
24230300	24230300
24230400	24230400
24230500	24230500
24230600	24230600
24230700	24230700
24230800	24230800
24230900	24230900
24231000	24231000
24240100	24240100
24240200	24240200
24240300	24240300
24240400	24240400
24240500	24240500

CROP: The crop of focus

Data file: Farm_level_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
potato	potato
tomato	tomato
wheat	wheat

AREASIZE: Q57. Size of growing area A for in

Data file: Farm_level_data

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0.02 - 370 Format: Numeric

CROPSIZE: Q5. Total cultivated area of in this season in

Data file: Farm_level_data

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0.02 - 379.2 Format: Numeric

FARMSIZE: Q6. Total size of your farm/cultivated area for all crops in

Data file: Farm_level_data

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0.1 - 849.84 Format: Numeric

LANDPRODUCTIVITY: Land efficiency in ton/ha

Data file: Farm_level_data

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0.1 - 48 Format: Numeric

PESTICIDEAPPLICATIONEFFICIENCY: Number of field applications used per ton produced

Data file: Farm_level_data

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 20 Format: Numeric

NUTRIENTEFFICIENCY: Kgs of nitrogen used per ton produced**Data file: Farm_level_data****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 900 Format: Numeric

PHOSPHORUSEFFICIENCY: Kgs of phosphorus used per ton produced**Data file: Farm_level_data****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 401.12 Format: Numeric

POTASSIUMEFFICIENCY: Kgs of potassium used per ton produced**Data file: Farm_level_data****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 150.909090909091 Format: Numeric

SEEEFFICIENCY: Kgs of seeds used per ton produced**Data file: Farm_level_data****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0.00133333333333333 - 15000 Format: Numeric

PESTICIDEEFFICIENCY: Kgs of active ingredients from pesticides used in kilogram per ton produced**Data file: Farm_level_data****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 12.06 Format: Numeric

HERBICIDEEFFICIENCY: Kgs of active ingredients from herbicides used per ton produced**Data file:** Farm_level_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 1.065 Format: Numeric

FUNGICIDEEFFICIENCY: Kgs of active ingredients from fungicides used per ton produced**Data file:** Farm_level_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 12.06 Format: Numeric

INSECTICIDEEFFICIENCY: Kgs of active ingredients from insecticides used per ton produced**Data file:** Farm_level_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 0.397666666666667 Format: Numeric

IRRIGATIONWATEREFFICIENCY: Litres of irrigation water used per ton produced**Data file:** Farm_level_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 6981818.18181818 Format: Numeric

LABOREFFICIENCY: Amount of labor hours per unit of crop output produced**Data file:** Farm_level_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0.0377379432820911 - 3775 Format: Numeric

MACHINERYEFFICIENCY: Amount of machinery used in hours per unit of crop output produced**Data file:** Farm_level_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 435.08 Format: Numeric

SYNGENTASHARE: Percentage of syngenta products used compared to total number of products used

Data file: Farm_level_data

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 100 Format: Numeric

USER_VS_NON_USER: Does the grower use Syngenta products?

Data file: Farm_level_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	non-user
2	exclusive user
3	mixed user

PROTOCOL: have received a crop program and/or any recommendations this season?

Data file: Farm_level_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	Did not receive any crop program
2	Received a complete crop program
3	Received recommendations but not a complete program

FIELD_PREPARATION: Date of first field preparation**Data file: Farm_level_data****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
2013-04-15	2013-04-15
2013-09-01	2013-09-01
2013-10-01	2013-10-01
2013-11-01	2013-11-01
2013-11-30	2013-11-30
2013-12-15	2013-12-15
2014-01-01	2014-01-01
2014-01-03	2014-01-03
2014-01-10	2014-01-10
2014-01-15	2014-01-15
2014-01-30	2014-01-30
2014-02-01	2014-02-01
2014-02-03	2014-02-03
2014-02-05	2014-02-05
2014-02-10	2014-02-10
2014-02-14	2014-02-14
2014-02-15	2014-02-15
2014-02-27	2014-02-27
2014-02-28	2014-02-28
2014-03-01	2014-03-01
2014-03-02	2014-03-02
2014-03-03	2014-03-03
2014-03-04	2014-03-04
2014-03-10	2014-03-10
2014-03-15	2014-03-15
2014-03-20	2014-03-20
2014-03-30	2014-03-30
2014-04-01	2014-04-01
2014-04-03	2014-04-03
2014-04-04	2014-04-04

2014-04-05	2014-04-05
2014-04-06	2014-04-06
2014-04-07	2014-04-07
2014-04-12	2014-04-12
2014-04-14	2014-04-14
2014-04-15	2014-04-15
2014-04-16	2014-04-16
2014-04-20	2014-04-20
2014-04-21	2014-04-21
2014-04-30	2014-04-30
2014-05-01	2014-05-01
2014-05-02	2014-05-02
2014-05-03	2014-05-03
2014-05-05	2014-05-05
2014-05-07	2014-05-07
2014-05-08	2014-05-08
2014-05-10	2014-05-10
2014-05-12	2014-05-12
2014-05-14	2014-05-14
2014-05-15	2014-05-15
2014-05-20	2014-05-20
2014-05-22	2014-05-22
2014-05-28	2014-05-28
2014-05-30	2014-05-30
2014-06-01	2014-06-01
2014-06-03	2014-06-03
2014-06-04	2014-06-04
2014-06-05	2014-06-05
2014-06-06	2014-06-06
2014-06-15	2014-06-15
2014-06-16	2014-06-16
2014-07-01	2014-07-01
2014-07-02	2014-07-02
2014-07-03	2014-07-03
2014-07-05	2014-07-05
2014-07-06	2014-07-06
2014-07-11	2014-07-11
2014-07-15	2014-07-15
2014-07-19	2014-07-19

2014-07-20	2014-07-20
2014-07-26	2014-07-26
2014-07-27	2014-07-27
2014-07-29	2014-07-29
2014-07-30	2014-07-30
2014-07-31	2014-07-31
2014-08-01	2014-08-01
2014-08-03	2014-08-03
2014-08-05	2014-08-05
2014-08-10	2014-08-10
2014-08-13	2014-08-13
2014-08-15	2014-08-15
2014-08-20	2014-08-20
2014-08-25	2014-08-25
2014-08-30	2014-08-30
2014-09-03	2014-09-03
2014-12-20	2014-12-20
2014-12-25	2014-12-25
2014-12-28	2014-12-28
2015-01-01	2015-01-01
2015-01-30	2015-01-30
2015-02-01	2015-02-01
2015-02-03	2015-02-03
2015-02-06	2015-02-06
2015-02-15	2015-02-15
2015-02-16	2015-02-16
2015-02-24	2015-02-24
2015-02-25	2015-02-25
2015-03-01	2015-03-01
2015-03-03	2015-03-03
2015-03-04	2015-03-04
2015-03-05	2015-03-05
2015-03-10	2015-03-10
2015-03-13	2015-03-13
2015-03-15	2015-03-15
2015-03-16	2015-03-16
2015-03-18	2015-03-18
2015-03-20	2015-03-20
2015-03-21	2015-03-21

2015-03-24	2015-03-24
2015-03-25	2015-03-25
2015-03-30	2015-03-30
2015-04-01	2015-04-01
2015-04-02	2015-04-02
2015-04-03	2015-04-03
2015-04-04	2015-04-04
2015-04-06	2015-04-06
2015-04-09	2015-04-09
2015-04-14	2015-04-14
2015-04-15	2015-04-15
2015-04-18	2015-04-18
2015-04-20	2015-04-20
2015-04-21	2015-04-21
2015-05-01	2015-05-01
2015-05-05	2015-05-05
2015-05-15	2015-05-15
2015-06-01	2015-06-01
2015-06-04	2015-06-04
2015-06-09	2015-06-09
2015-06-15	2015-06-15
2015-06-16	2015-06-16
2015-07-01	2015-07-01
2015-07-03	2015-07-03
2015-07-05	2015-07-05
2015-07-10	2015-07-10
2015-07-13	2015-07-13
2015-07-15	2015-07-15
2015-07-17	2015-07-17
2015-07-20	2015-07-20
2015-07-21	2015-07-21
2015-07-22	2015-07-22
2015-07-23	2015-07-23
2015-07-29	2015-07-29
2015-07-30	2015-07-30
2015-08-01	2015-08-01
2015-08-03	2015-08-03
2015-08-04	2015-08-04
2015-08-05	2015-08-05

2015-08-06	2015-08-06
2015-08-07	2015-08-07
2015-08-08	2015-08-08
2015-08-10	2015-08-10
2015-08-11	2015-08-11
2015-08-12	2015-08-12
2015-08-15	2015-08-15
2015-08-18	2015-08-18
2015-08-19	2015-08-19
2015-08-20	2015-08-20
2015-08-21	2015-08-21
2015-08-25	2015-08-25
2015-08-28	2015-08-28
2015-09-01	2015-09-01
2015-09-02	2015-09-02
2015-09-07	2015-09-07
2015-09-08	2015-09-08
2015-09-09	2015-09-09
2015-09-10	2015-09-10
2015-09-13	2015-09-13
2015-09-15	2015-09-15
2016-01-05	2016-01-05
2016-01-15	2016-01-15
2016-01-31	2016-01-31
2016-02-01	2016-02-01
2016-02-03	2016-02-03
2016-02-07	2016-02-07
2016-02-10	2016-02-10
2016-02-15	2016-02-15
2016-02-20	2016-02-20
2016-02-23	2016-02-23
2016-02-25	2016-02-25
2016-03-01	2016-03-01
2016-03-03	2016-03-03
2016-03-04	2016-03-04
2016-03-15	2016-03-15
2016-03-25	2016-03-25
2016-08-01	2016-08-01
2016-08-05	2016-08-05

2016-08-10	2016-08-10
2016-08-25	2016-08-25
2016-08-29	2016-08-29
2016-08-30	2016-08-30
2016-09-01	2016-09-01
2016-09-04	2016-09-04
2016-09-10	2016-09-10
2016-09-15	2016-09-15
2016-10-01	2016-10-01
2016-10-03	2016-10-03
2016-10-04	2016-10-04
2016-10-05	2016-10-05
2016-10-06	2016-10-06
2016-10-07	2016-10-07
2016-10-08	2016-10-08
2016-10-10	2016-10-10
2016-10-15	2016-10-15
2017-02-10	2017-02-10
2017-02-13	2017-02-13
2017-02-14	2017-02-14
2017-02-15	2017-02-15
2017-02-20	2017-02-20
2017-02-23	2017-02-23
2017-02-24	2017-02-24
2017-02-28	2017-02-28
2017-03-01	2017-03-01
2017-03-02	2017-03-02
2017-03-05	2017-03-05
2017-03-10	2017-03-10
2017-03-11	2017-03-11
2017-03-22	2017-03-22
2017-03-24	2017-03-24
2017-12-02	2017-12-02
2018-01-01	2018-01-01
2018-01-02	2018-01-02
2018-01-06	2018-01-06
2018-01-10	2018-01-10
2018-01-19	2018-01-19
2018-01-25	2018-01-25

2018-01-30	2018-01-30
2018-02-01	2018-02-01
2018-02-05	2018-02-05
2018-02-07	2018-02-07
2018-02-09	2018-02-09
2018-02-10	2018-02-10
2018-02-11	2018-02-11
2018-02-12	2018-02-12
2018-02-15	2018-02-15
2018-02-17	2018-02-17
2018-02-18	2018-02-18
2018-02-19	2018-02-19
2018-02-20	2018-02-20
2018-02-22	2018-02-22
2018-02-24	2018-02-24
2018-02-25	2018-02-25
2018-02-27	2018-02-27
2018-02-28	2018-02-28
2018-03-01	2018-03-01
2018-03-05	2018-03-05
2018-03-09	2018-03-09
2018-03-10	2018-03-10
2018-03-12	2018-03-12
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2018-03-30	2018-03-30
2018-04-01	2018-04-01
2018-04-05	2018-04-05
2019-01-05	2019-01-05
2019-01-21	2019-01-21
2019-01-26	2019-01-26
2019-01-30	2019-01-30
2019-02-05	2019-02-05
2019-02-12	2019-02-12
2019-02-15	2019-02-15
2019-02-17	2019-02-17
2019-02-18	2019-02-18
2019-02-20	2019-02-20
2019-03-02	2019-03-02
2019-03-05	2019-03-05

2019-03-06	2019-03-06
2019-03-07	2019-03-07
2019-03-12	2019-03-12
2019-03-14	2019-03-14
2019-03-15	2019-03-15
2019-03-18	2019-03-18
2019-03-20	2019-03-20
2019-03-22	2019-03-22
2019-03-25	2019-03-25
2019-03-26	2019-03-26
2019-03-28	2019-03-28
2019-04-01	2019-04-01
2019-04-02	2019-04-02
2019-04-05	2019-04-05
2019-04-07	2019-04-07
2019-04-08	2019-04-08

PLANTING_DATE: Date of sowing or planting

Data file: Farm_level_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

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2014-02-14	2014-02-14
2014-02-28	2014-02-28
2014-03-01	2014-03-01
2014-03-03	2014-03-03
2014-03-15	2014-03-15
2014-03-30	2014-03-30
2014-04-01	2014-04-01

2014-04-02	2014-04-02
2014-04-10	2014-04-10
2014-04-12	2014-04-12
2014-04-15	2014-04-15
2014-04-21	2014-04-21
2014-04-28	2014-04-28
2014-04-30	2014-04-30
2014-05-01	2014-05-01
2014-05-02	2014-05-02
2014-05-03	2014-05-03
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2014-05-13	2014-05-13
2014-05-15	2014-05-15
2014-05-16	2014-05-16
2014-05-19	2014-05-19
2014-05-20	2014-05-20
2014-05-29	2014-05-29
2014-05-30	2014-05-30
2014-06-01	2014-06-01
2014-06-15	2014-06-15
2014-06-18	2014-06-18
2014-06-20	2014-06-20
2014-06-30	2014-06-30
2014-07-01	2014-07-01
2014-07-03	2014-07-03
2014-07-05	2014-07-05
2014-07-12	2014-07-12
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2014-07-31	2014-07-31
2014-08-01	2014-08-01
2014-08-03	2014-08-03
2014-08-05	2014-08-05
2014-08-10	2014-08-10
2014-08-15	2014-08-15

2014-08-20	2014-08-20
2014-08-25	2014-08-25
2014-08-29	2014-08-29
2014-08-30	2014-08-30
2014-08-31	2014-08-31
2014-09-01	2014-09-01
2014-09-02	2014-09-02
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2015-03-01	2015-03-01
2015-03-05	2015-03-05
2015-03-10	2015-03-10
2015-03-18	2015-03-18
2015-03-20	2015-03-20
2015-03-25	2015-03-25
2015-03-30	2015-03-30
2015-04-01	2015-04-01
2015-04-02	2015-04-02
2015-04-05	2015-04-05
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2015-04-14	2015-04-14
2015-04-15	2015-04-15
2015-04-17	2015-04-17
2015-04-18	2015-04-18
2015-04-21	2015-04-21
2015-04-22	2015-04-22
2015-04-23	2015-04-23

2015-04-25	2015-04-25
2015-04-26	2015-04-26
2015-04-30	2015-04-30
2015-05-04	2015-05-04
2015-05-05	2015-05-05
2015-05-07	2015-05-07
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2015-05-15	2015-05-15
2015-05-16	2015-05-16
2015-05-17	2015-05-17
2015-05-18	2015-05-18
2015-05-20	2015-05-20
2015-05-21	2015-05-21
2015-05-24	2015-05-24
2015-05-30	2015-05-30
2015-06-02	2015-06-02
2015-06-05	2015-06-05
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2015-08-21	2015-08-21
2015-08-28	2015-08-28
2015-09-01	2015-09-01
2015-09-02	2015-09-02
2015-09-04	2015-09-04
2015-09-05	2015-09-05

2015-09-07	2015-09-07
2015-09-08	2015-09-08
2015-09-09	2015-09-09
2015-09-10	2015-09-10
2015-09-12	2015-09-12
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2016-03-02	2016-03-02
2016-03-05	2016-03-05
2016-03-08	2016-03-08
2016-03-10	2016-03-10
2016-03-14	2016-03-14
2016-03-15	2016-03-15

2016-03-20	2016-03-20
2016-03-23	2016-03-23
2016-04-05	2016-04-05
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2016-10-18	2016-10-18
2016-10-19	2016-10-19
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2016-10-22	2016-10-22
2016-10-30	2016-10-30
2017-02-27	2017-02-27
2017-03-03	2017-03-03
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2017-03-13	2017-03-13
2017-03-14	2017-03-14
2017-03-15	2017-03-15
2017-03-17	2017-03-17
2017-03-20	2017-03-20
2017-03-24	2017-03-24

2017-03-25	2017-03-25
2017-03-26	2017-03-26
2017-03-27	2017-03-27
2017-03-30	2017-03-30
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2019-02-15	2019-02-15
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2019-03-02	2019-03-02
2019-03-03	2019-03-03
2019-03-06	2019-03-06

2019-03-09	2019-03-09
2019-03-10	2019-03-10
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2019-03-17	2019-03-17
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2019-04-08	2019-04-08
2019-04-10	2019-04-10
2019-04-15	2019-04-15
2019-04-18	2019-04-18
2019-04-20	2019-04-20
2019-04-21	2019-04-21
2019-04-30	2019-04-30
2019-05-04	2019-05-04

HARVEST_BEGIN: Date when harvest started

Data file: Farm_level_data

Overview

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Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

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2014-07-30	2014-07-30
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2014-08-02	2014-08-02
2014-08-08	2014-08-08
2014-08-10	2014-08-10
2014-08-15	2014-08-15
2014-08-19	2014-08-19
2014-08-20	2014-08-20
2014-08-25	2014-08-25
2014-08-26	2014-08-26
2014-08-27	2014-08-27
2014-08-28	2014-08-28
2014-08-30	2014-08-30
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2014-09-10	2014-09-10
2014-09-15	2014-09-15
2014-09-18	2014-09-18
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2014-09-20	2014-09-20
2014-09-22	2014-09-22
2014-09-24	2014-09-24
2014-09-28	2014-09-28
2014-09-29	2014-09-29
2014-09-30	2014-09-30
2014-10-01	2014-10-01
2014-10-02	2014-10-02
2014-10-03	2014-10-03
2014-10-06	2014-10-06
2014-10-08	2014-10-08
2014-10-10	2014-10-10
2014-10-15	2014-10-15

2014-10-16	2014-10-16
2014-10-17	2014-10-17
2014-10-20	2014-10-20
2014-10-22	2014-10-22
2014-10-25	2014-10-25
2014-10-26	2014-10-26
2014-10-27	2014-10-27
2014-10-28	2014-10-28
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2015-02-15	2015-02-15
2015-02-25	2015-02-25
2015-02-27	2015-02-27
2015-03-01	2015-03-01
2015-03-05	2015-03-05
2015-03-10	2015-03-10

2015-03-11	2015-03-11
2015-03-15	2015-03-15
2015-06-03	2015-06-03
2015-06-15	2015-06-15
2015-07-01	2015-07-01
2015-07-02	2015-07-02
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2015-07-25	2015-07-25
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2015-08-12	2015-08-12
2015-08-13	2015-08-13
2015-08-14	2015-08-14
2015-08-17	2015-08-17
2015-08-20	2015-08-20
2015-08-30	2015-08-30
2015-09-01	2015-09-01
2015-09-08	2015-09-08
2015-09-15	2015-09-15
2015-09-19	2015-09-19
2015-09-24	2015-09-24
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2015-10-05	2015-10-05
2015-10-10	2015-10-10
2015-10-15	2015-10-15
2015-10-17	2015-10-17
2015-10-18	2015-10-18
2015-10-20	2015-10-20

2015-10-25	2015-10-25
2015-10-28	2015-10-28
2015-11-11	2015-11-11
2015-12-10	2015-12-10
2015-12-12	2015-12-12
2015-12-13	2015-12-13
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2016-02-29	2016-02-29
2016-03-02	2016-03-02
2016-03-03	2016-03-03
2016-03-05	2016-03-05
2016-03-10	2016-03-10
2016-03-15	2016-03-15
2016-07-01	2016-07-01

2016-07-02	2016-07-02
2016-07-05	2016-07-05
2016-07-06	2016-07-06
2016-07-08	2016-07-08
2016-07-10	2016-07-10
2016-07-20	2016-07-20
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2017-02-10	2017-02-10
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2017-02-18	2017-02-18
2017-02-19	2017-02-19
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2017-02-24	2017-02-24
2017-02-26	2017-02-26
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2017-02-28	2017-02-28
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2017-06-01	2017-06-01
2017-06-05	2017-06-05
2017-06-10	2017-06-10
2017-06-15	2017-06-15
2017-06-20	2017-06-20
2017-06-23	2017-06-23
2017-06-24	2017-06-24

2017-06-25	2017-06-25
2017-06-28	2017-06-28
2017-06-29	2017-06-29
2017-06-30	2017-06-30
2017-07-01	2017-07-01
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2018-07-20	2018-07-20
2018-08-09	2018-08-09
2019-03-06	2019-03-06
2019-04-17	2019-04-17
2019-04-20	2019-04-20
2019-04-25	2019-04-25

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2019-05-15	2019-05-15
2019-05-20	2019-05-20
2019-05-23	2019-05-23
2019-06-08	2019-06-08
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2019-08-15	2019-08-15
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2019-08-20	2019-08-20
2019-08-21	2019-08-21
2019-08-23	2019-08-23
2019-08-25	2019-08-25
2019-08-26	2019-08-26
2019-08-28	2019-08-28
2019-08-29	2019-08-29
2019-08-30	2019-08-30
2019-09-01	2019-09-01
2019-09-03	2019-09-03
2019-09-04	2019-09-04
2019-09-05	2019-09-05
2019-09-06	2019-09-06

HARVEST_END: Date when harvest ended

Data file: Farm_level_data

Overview

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Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

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2014-08-01	2014-08-01
2014-08-02	2014-08-02
2014-08-10	2014-08-10
2014-08-15	2014-08-15
2014-08-19	2014-08-19
2014-08-20	2014-08-20
2014-08-26	2014-08-26
2014-08-27	2014-08-27
2014-08-28	2014-08-28
2014-08-30	2014-08-30
2014-09-01	2014-09-01
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2014-09-11	2014-09-11
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2014-09-15	2014-09-15
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2014-09-22	2014-09-22
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2014-10-03	2014-10-03
2014-10-05	2014-10-05
2014-10-10	2014-10-10
2014-10-15	2014-10-15

2014-10-20	2014-10-20
2014-10-24	2014-10-24
2014-10-27	2014-10-27
2014-10-28	2014-10-28
2014-10-30	2014-10-30
2014-11-22	2014-11-22
2014-11-24	2014-11-24
2014-11-26	2014-11-26
2014-12-02	2014-12-02
2014-12-04	2014-12-04
2014-12-06	2014-12-06
2014-12-08	2014-12-08
2014-12-10	2014-12-10
2014-12-14	2014-12-14
2014-12-16	2014-12-16
2014-12-22	2014-12-22
2014-12-23	2014-12-23
2015-01-03	2015-01-03
2015-01-04	2015-01-04
2015-01-12	2015-01-12
2015-01-14	2015-01-14
2015-01-16	2015-01-16
2015-02-07	2015-02-07
2015-02-10	2015-02-10
2015-02-15	2015-02-15
2015-02-16	2015-02-16
2015-02-20	2015-02-20
2015-02-28	2015-02-28
2015-03-01	2015-03-01
2015-03-03	2015-03-03
2015-03-06	2015-03-06
2015-03-07	2015-03-07
2015-03-09	2015-03-09
2015-03-11	2015-03-11
2015-03-13	2015-03-13
2015-03-15	2015-03-15
2015-03-30	2015-03-30
2015-03-31	2015-03-31
2015-06-29	2015-06-29

2015-07-15	2015-07-15
2015-07-20	2015-07-20
2015-07-21	2015-07-21
2015-07-22	2015-07-22
2015-07-25	2015-07-25
2015-07-26	2015-07-26
2015-07-27	2015-07-27
2015-07-28	2015-07-28
2015-08-01	2015-08-01
2015-08-04	2015-08-04
2015-08-05	2015-08-05
2015-08-08	2015-08-08
2015-08-09	2015-08-09
2015-08-10	2015-08-10
2015-08-12	2015-08-12
2015-08-13	2015-08-13
2015-08-14	2015-08-14
2015-08-15	2015-08-15
2015-08-16	2015-08-16
2015-08-18	2015-08-18
2015-08-19	2015-08-19
2015-08-20	2015-08-20
2015-08-21	2015-08-21
2015-08-22	2015-08-22
2015-08-29	2015-08-29
2015-09-05	2015-09-05
2015-09-10	2015-09-10
2015-09-12	2015-09-12
2015-09-15	2015-09-15
2015-09-20	2015-09-20
2015-09-22	2015-09-22
2015-09-26	2015-09-26
2015-10-05	2015-10-05
2015-10-08	2015-10-08
2015-10-12	2015-10-12
2015-10-13	2015-10-13
2015-10-15	2015-10-15
2015-10-17	2015-10-17
2015-10-18	2015-10-18

2015-10-19	2015-10-19
2015-10-20	2015-10-20
2015-10-21	2015-10-21
2015-10-22	2015-10-22
2015-10-23	2015-10-23
2015-10-24	2015-10-24
2015-10-25	2015-10-25
2015-10-27	2015-10-27
2015-10-30	2015-10-30
2015-11-01	2015-11-01
2015-11-15	2015-11-15
2015-12-12	2015-12-12
2015-12-14	2015-12-14
2015-12-15	2015-12-15
2015-12-16	2015-12-16
2015-12-22	2015-12-22
2015-12-23	2015-12-23
2015-12-24	2015-12-24
2015-12-25	2015-12-25
2015-12-26	2015-12-26
2015-12-27	2015-12-27
2015-12-29	2015-12-29
2015-12-30	2015-12-30
2015-12-31	2015-12-31
2016-01-01	2016-01-01
2016-01-02	2016-01-02
2016-01-03	2016-01-03
2016-01-04	2016-01-04
2016-01-05	2016-01-05
2016-01-07	2016-01-07
2016-01-10	2016-01-10
2016-01-15	2016-01-15
2016-02-01	2016-02-01
2016-02-02	2016-02-02
2016-02-05	2016-02-05
2016-02-06	2016-02-06
2016-02-07	2016-02-07
2016-02-09	2016-02-09
2016-02-10	2016-02-10

2016-02-12	2016-02-12
2016-02-17	2016-02-17
2016-02-22	2016-02-22
2016-02-25	2016-02-25
2016-03-04	2016-03-04
2016-03-05	2016-03-05
2016-03-07	2016-03-07
2016-03-10	2016-03-10
2016-03-12	2016-03-12
2016-03-15	2016-03-15
2016-03-20	2016-03-20
2016-03-24	2016-03-24
2016-03-25	2016-03-25
2016-03-27	2016-03-27
2016-03-28	2016-03-28
2016-07-03	2016-07-03
2016-07-10	2016-07-10
2016-07-16	2016-07-16
2016-07-24	2016-07-24
2016-07-30	2016-07-30
2016-08-01	2016-08-01
2016-08-02	2016-08-02
2016-08-05	2016-08-05
2016-08-06	2016-08-06
2016-08-10	2016-08-10
2016-08-15	2016-08-15
2016-08-20	2016-08-20
2016-08-25	2016-08-25
2016-08-28	2016-08-28
2016-08-31	2016-08-31
2016-09-02	2016-09-02
2016-09-05	2016-09-05
2016-10-16	2016-10-16
2016-12-11	2016-12-11
2017-02-01	2017-02-01
2017-02-02	2017-02-02
2017-02-03	2017-02-03
2017-02-07	2017-02-07
2017-02-08	2017-02-08

2017-02-09	2017-02-09
2017-02-10	2017-02-10
2017-02-11	2017-02-11
2017-02-12	2017-02-12
2017-02-19	2017-02-19
2017-02-20	2017-02-20
2017-02-21	2017-02-21
2017-02-28	2017-02-28
2017-03-01	2017-03-01
2017-03-02	2017-03-02
2017-03-03	2017-03-03
2017-03-04	2017-03-04
2017-03-05	2017-03-05
2017-03-06	2017-03-06
2017-03-08	2017-03-08
2017-06-30	2017-06-30
2017-07-01	2017-07-01
2017-07-02	2017-07-02
2017-07-03	2017-07-03
2017-07-04	2017-07-04
2017-07-05	2017-07-05
2017-07-06	2017-07-06
2017-07-07	2017-07-07
2017-07-09	2017-07-09
2017-07-26	2017-07-26
2018-04-19	2018-04-19
2018-05-21	2018-05-21
2018-06-06	2018-06-06
2018-06-07	2018-06-07
2018-06-09	2018-06-09
2018-06-12	2018-06-12
2018-06-13	2018-06-13
2018-06-15	2018-06-15
2018-06-16	2018-06-16
2018-06-17	2018-06-17
2018-06-18	2018-06-18
2018-06-19	2018-06-19
2018-06-21	2018-06-21
2018-06-23	2018-06-23

2018-06-25	2018-06-25
2018-06-26	2018-06-26
2018-06-30	2018-06-30
2018-07-02	2018-07-02
2018-07-04	2018-07-04
2018-07-08	2018-07-08
2018-07-09	2018-07-09
2018-07-10	2018-07-10
2018-07-12	2018-07-12
2018-07-13	2018-07-13
2018-07-16	2018-07-16
2018-07-20	2018-07-20
2018-07-21	2018-07-21
2018-07-22	2018-07-22
2018-07-25	2018-07-25
2018-07-27	2018-07-27
2018-07-28	2018-07-28
2018-08-15	2018-08-15
2019-06-10	2019-06-10
2019-06-15	2019-06-15
2019-06-23	2019-06-23
2019-06-29	2019-06-29
2019-06-30	2019-06-30
2019-07-17	2019-07-17
2019-07-20	2019-07-20
2019-07-22	2019-07-22
2019-07-24	2019-07-24
2019-07-25	2019-07-25
2019-07-26	2019-07-26
2019-07-27	2019-07-27
2019-07-28	2019-07-28
2019-08-10	2019-08-10
2019-08-14	2019-08-14
2019-08-15	2019-08-15
2019-08-18	2019-08-18
2019-08-20	2019-08-20
2019-08-23	2019-08-23
2019-08-24	2019-08-24
2019-08-25	2019-08-25

2019-08-27	2019-08-27
2019-08-29	2019-08-29
2019-08-30	2019-08-30
2019-09-02	2019-09-02
2019-09-03	2019-09-03
2019-09-04	2019-09-04
2019-09-05	2019-09-05
2019-09-07	2019-09-07
2019-09-08	2019-09-08
2019-09-09	2019-09-09
2019-09-25	2019-09-25

TERRITORY: Syngenta definition of territory (sub-region)**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
africa middle-east	africa middle-east

COUNTRY: Country**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
Kenya	Kenya

CLUSTERID: Unique cluster ID**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
kenyapotato1	kenyapotato1
kenyapotato1+2	kenyapotato1+2
kenyapotato2	kenyapotato2
kenyapotato3	kenyapotato3
kenyatomato1	kenyatomato1

kenyatomato1+2	kenyatomato1+2
kenyatomato2	kenyatomato2
kenyawheat1	kenyawheat1
kenyawheat2	kenyawheat2

GROWERID: Unique respondent ID

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
24102100	24102100
24102200	24102200
24102300	24102300
24103900	24103900
24104000	24104000
24104100	24104100
24104200	24104200
24104300	24104300
24107500	24107500
24111500	24111500
24111600	24111600
24111700	24111700
24111800	24111800
24111900	24111900
24112000	24112000
24112100	24112100
24112300	24112300
24112400	24112400
24112600	24112600
24112700	24112700
24112800	24112800
24112900	24112900
24113000	24113000

24113100	24113100
24113200	24113200
24113300	24113300
24113400	24113400
24113500	24113500
24113600	24113600
24116100	24116100
24117100	24117100
24117200	24117200
24117300	24117300
24117400	24117400
24117500	24117500
24117600	24117600
24131100	24131100
24140600	24140600
24140700	24140700
24200100	24200100
24200400	24200400
24200500	24200500
24200600	24200600
24200700	24200700
24200900	24200900
24201000	24201000
24201100	24201100
24201200	24201200
24201300	24201300
24201400	24201400
24201500	24201500
24201700	24201700
24201800	24201800
24201900	24201900
24202400	24202400
24202500	24202500
24202600	24202600
24202700	24202700
24202800	24202800
24202900	24202900
24203000	24203000
24203100	24203100

24203200	24203200
24203300	24203300
24203400	24203400
24203500	24203500
24203600	24203600
24203700	24203700
24203800	24203800
24204400	24204400
24204500	24204500
24204800	24204800
24204900	24204900
24205000	24205000
24205100	24205100
24205200	24205200
24205300	24205300
24205500	24205500
24205600	24205600
24205700	24205700
24205800	24205800
24205900	24205900
24206000	24206000
24206200	24206200
24206300	24206300
24206400	24206400
24206500	24206500
24206600	24206600
24206700	24206700
24206800	24206800
24206900	24206900
24207000	24207000
24207100	24207100
24207200	24207200
24207300	24207300
24207600	24207600
24207700	24207700
24207800	24207800
24207900	24207900
24208100	24208100
24208300	24208300

24208400	24208400
24208500	24208500
24208600	24208600
24208700	24208700
24208900	24208900
24209000	24209000
24209100	24209100
24209200	24209200
24209300	24209300
24209400	24209400
24209500	24209500
24209700	24209700
24209900	24209900
24210000	24210000
24210100	24210100
24210200	24210200
24210300	24210300
24210400	24210400
24210500	24210500
24210600	24210600
24210700	24210700
24210800	24210800
24210900	24210900
24211000	24211000
24211100	24211100
24211200	24211200
24211300	24211300
24211400	24211400
24212500	24212500
24213700	24213700
24213800	24213800
24213900	24213900
24214000	24214000
24214100	24214100
24214200	24214200
24214300	24214300
24214400	24214400
24214500	24214500
24214600	24214600

24214700	24214700
24214800	24214800
24214900	24214900
24215000	24215000
24215100	24215100
24215200	24215200
24215300	24215300
24215400	24215400
24215500	24215500
24215600	24215600
24215700	24215700
24215800	24215800
24215900	24215900
24216000	24216000
24216100	24216100
24216200	24216200
24216300	24216300
24216400	24216400
24216500	24216500
24216600	24216600
24216700	24216700
24216800	24216800
24216900	24216900
24217700	24217700
24217800	24217800
24218000	24218000
24218100	24218100
24218200	24218200
24218300	24218300
24218400	24218400
24218500	24218500
24218600	24218600
24218700	24218700
24218800	24218800
24218900	24218900
24219000	24219000
24219100	24219100
24219200	24219200
24219300	24219300

24219400	24219400
24219500	24219500
24219600	24219600
24219700	24219700
24219800	24219800
24219900	24219900
24230000	24230000
24230100	24230100
24230200	24230200
24230300	24230300
24230400	24230400
24230500	24230500
24230600	24230600
24230700	24230700
24230800	24230800
24230900	24230900
24231000	24231000
24240100	24240100
24240200	24240200
24240300	24240300
24240400	24240400
24240500	24240500

GROWINGAREA: To which field/plot does the information relate to?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
a	a
b	b

FARMTYPE: Farmtype**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
bf	bf
rf	rf

Q1C3: Q1.C3. Since you have participated before, we'd like to share with you your individual performance report**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not so useful
2	very useful
3	rather useful
4	not useful at all

Q1F: Q1. F. Would it be okay for you for Syngenta to contact you with follow-up information on The Good Growth Plan?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

CROP: Crop of focus

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
potato	potato
tomato	tomato
wheat	wheat

Q56A2_1: Q56A2. Growing area changed from previous year- did not plant this area due to crop rotation

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q56A2_2: Q56A2. Growing area changed from previous year- I hired another area

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q56A2_4: Q56A2. Growing area changed from previous year- I left my field fallow

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q56A2_6: Q56A2. Growing area changed from previous year- Do not cultivate Crop on that area anymore

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q57A: Q57A. How certain you are of the size indication for growing area A?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
 Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
The size indicated is an estimate	The size indicated is an estimate
The size indicated was measured by a third party	The size indicated was measured by a third party
the size indicated is based on my own measurement	the size indicated is based on my own measurement

Q4055: Q4055. TON/HEC Yield objective for area A for at beginning of this season?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
 Type: Continuous Decimal: 0 Width: 10 Range: 2 - 250 Format: Numeric

Q19: Q19. Surname

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
 Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q20: Q20. First name

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
 Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q21: Q21. Phone number**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q22: Q22. E-mail address**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q27: Q27. Year of birth**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 1920 - 1995 Format: Numeric

Q33: Q33. Did you receive an agronomical/agricultural education?**Data file:** Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

Q34: Q34. Are you a member of a producer group, association or cooperative for ?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

Q35C: Q35. C. Overall, how satisfied would you say you are with your life these days?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
01 not satisfied at all	01 not satisfied at all
02	02
03	03
04	04
05	05

06	06
07	07
08	08
09	09
10 very satisfied	10 very satisfied

Q37A: Q37.A. Do you have signs of soil erosion by water on

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

Q37B: Q37.B. Do you have signs of soil erosion by wind on your farm?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q7001: Q7001. Have you changed your tillage practices for in the past 20 years?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q28: Q28. Gender

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	male
2	female

Q31: Q31. Until what age did you go to school?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 2 - 45 Format: Numeric

Q30: Q30. Are you a full-time or part-time farmer?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Full-time grower

2	Part-time grower
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Q30B: Q30. B. How long have you been engaged in farming activities?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 32 Format: Numeric

Q7002: Q7002. How did you change your tillage practices for ?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	from conventional tillage to reduced tillage
2	from no tillage to reduced tillage
3	from no tillage to conventional tillage
4	from reduced tillage to no tillage
5	from reduced to conventional tillage

Q7003: Q7003. How many years ago did you change your tillage practices for ?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 8 Format: Numeric

Q7004: Q7004. Have you grown cover crop to manage soil health in the past 20 years for ?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

Q7005: Q7005. How many years ago did you start growing a cover crop for ?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 16 Format: Numeric

Q7006: Q7006 Have you stopped growing a cover crop in the past 20 years for ?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

Q7007: Q7007. How many years ago did you stop growing a cover crop for ?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 4 Format: Numeric

Q7008: Q7008. For was any land converted from arable land/grassland/forest in the past 20 years?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

Q7009: Q7009. How did the use of your land change for ?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	from grassland to forest
2	from grassland to arable land
3	from forest to arable land
4	from arable land to forest

Q7010: Q7010. How many years ago did the function of your land change for ?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 16 Format: Numeric

Q65: Q65. Do you practice intercropping for ?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q66_1: Q66. Which crops do you intercrop? Apples

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_2: Q66. Which crops do you intercrop? Banana

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_3: Q66. Which crops do you intercrop? Barley

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q66_6: Q66. Which crops do you intercrop? Coffee

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_7: Q66. Which crops do you intercrop? Corn

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q66_11: Q66. Which crops do you intercrop? Pear

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_12: Q66. Which crops do you intercrop? Pepper

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_13: Q66. Which crops do you intercrop? Potato

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_15: Q66. Which crops do you intercrop? Soybean**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_17: Q66. Which crops do you intercrop? Sugarcane**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_18: Q66. Which crops do you intercrop? Sunflower**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_19: Q66. Which crops do you intercrop? Tomato**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_20: Q66. Which crops do you intercrop? Watermelon**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_21: Q66. Which crops do you intercrop? Wheat**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	mentioned

2	not mentioned
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Q66_26: Q66. Which crops do you intercrop? Berries

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_30: Q66. Which crops do you intercrop? Cabbage

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_31: Q66. Which crops do you intercrop? Carrot

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
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1	not mentioned
2	mentioned

Q66_51: Q66. Which crops do you intercrop? Grassland (pasture/artificial/temporary)

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_53: Q66. Which crops do you intercrop? Herbs (coriander, cinnamon)

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_55: Q66. Which crops do you intercrop? Kale

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_60: Q66. Which crops do you intercrop? Managu (African nighshade)

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_64: Q66. Which crops do you intercrop? Nuts

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_67: Q66. Which crops do you intercrop? Onion

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_75: Q66. Which crops do you intercrop? Passion fruit

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_80: Q66. Which crops do you intercrop? Pulses (lentils, beans, peas)

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_81: Q66. Which crops do you intercrop? Pumpkin/squash

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_87: Q66. Which crops do you intercrop? Spinach

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_96: Q66. Which crops do you intercrop? Other specify 1

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_97: Q66. Which crops do you intercrop? Other specify 2

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q60: Q60. Do you rotate crops on growing area A for ?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q61_1: Q61. What crops are you cultivating in rotation? Apples

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_2: Q61. What crops are you cultivating in rotation? Banana**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_3: Q61. What crops are you cultivating in rotation? Barley**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q61_4: Q61. What crops are you cultivating in rotation? Cauliflower**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_7: Q61. What crops are you cultivating in rotation? Corn**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q61_12: Q61. What crops are you cultivating in rotation? Pepper**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_13: Q61. What crops are you cultivating in rotation? Potato**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned

2	mentioned
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Q61_15: Q61. What crops are you cultivating in rotation? Soybean

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_18: Q61. What crops are you cultivating in rotation? Sunflower

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_19: Q61. What crops are you cultivating in rotation? Tomato

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
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1	mentioned
2	not mentioned

Q61_20: Q61. What crops are you cultivating in rotation? Watermelon

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_21: Q61. What crops are you cultivating in rotation? Wheat

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q61_30: Q61. What crops are you cultivating in rotation? Cabbage

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_31: Q61. What crops are you cultivating in rotation? Carrot

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_41: Q61. What crops are you cultivating in rotation? Cucumber

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_53: Q61. What crops are you cultivating in rotation? Herbs

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_55: Q61. What crops are you cultivating in rotation? Kale

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_65: Q61. What crops are you cultivating in rotation? Oats

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_67: Q61. What crops are you cultivating in rotation? Onion

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_80: Q61. What crops are you cultivating in rotation? Pulses (lentils, beans, peas)

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_87: Q61. What crops are you cultivating in rotation? Spinach

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_96: Q61. What crops are you cultivating in rotation? Other. Specify 1

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q61_97: Q61. What crops are you cultivating in rotation? Other. Specify 2

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_98: Q61. What crops are you cultivating in rotation? Other. Specify 3

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_99: Q61. What crops are you cultivating in rotation? Don't know / no answer**Data file: Global_farm_data****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q67: Q67. What is the soil type of growing area A for ?**Data file: Global_farm_data****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	sandy clay soil
2	silty clay soil
3	clay soil
4	clay loam soil
5	loamy sand soil
6	sandy loam soil
7	silty clay loam soil
8	silt loam soil
9	sandy clay loam soil
10	loam soil
11	other. specify:
12	silt soil

Q67B: Q67B. Texture is your soil on growing area A for this season?**Data file: Global_farm_data**

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	light - this includes sandy soils that are easy to
2	medium - this includes loamy soils that are moderately
3	heavy - this includes clayey soils that are hard

Q7011: Q7011. How moist would rate your soil on growing area A for this season?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	moist
2	dry

Q7012: Q7012 Rate the drainage of water through the soil on area A for this season?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	good drainage
2	poor drainage

Q55E1: Q55E1.Partook in training/meeting on crop/agricultural practices in the past 2 years?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

Q5500: Q5500. During the training/meeting, at least 15 minutes talking about safe-use practices**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	yes

Q55E2_1: Q55E2. Who organized this training? Syngenta representative**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q55E2_3: Q55E2. Who organized this training? Extension officer**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q55E2_4: Q55E2. Who organized this training? Cooperative**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q55E2_5: Q55E2. Who organized this training? Agronomist/advisor**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned

2	mentioned
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Q55E2_6: Q55E2. Who organized this training? Supplier

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q55E2_7: Q55E2. Who organized this training? Governmental organization (e.g. Ministry)

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q55E2_96: Q55E2. Who organized this training? Other specify 1:

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
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1	not mentioned
2	mentioned

Q5501: Q5501. Have you been contacted by a Syngenta representative during the past season?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q5502_1: Q5502. Can you describe how the Syngenta representative contacted you? Demonstration day

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q5502_2: Q5502. Can you describe how the Syngenta representative contacted you? They visited my farm

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

**Q5502_3: Q5502. Can you describe how the Syngenta representative contacted you?
Received a brochure**

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q5502_4: Q5502. Can you describe how the Syngenta representative contacted you? Phone call

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q5502_96: Q5502. Can you describe how the Syngenta representative contacted you? Other specify 1:

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q5503: Q5503. How useful was contact with the Syngenta Representative

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	rather useful
2	very useful
3	not very useful
4	not useful at all

Q4041A: Q4041.A. Do you feel the need to follow training on crop cultivation in the near future?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

Q54_1: Q54. Where do you deposit the rest water after spraying? Citerne (phytobac, helioseco, sentinel, biofilter)**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Mentioned
2	Not mentioned

Q54_2: Q54. Where do you deposit the rest water after spraying? In fields**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Mentioned
2	Not mentioned

Q54_3: Q54. Where do you deposit the rest water after spraying? In rivers, streams, drain or via the ditch**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
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1	Mentioned
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Q54_96: Q54. Where do you deposit the rest water after spraying? Other specify 1:

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Mentioned

Q54_97: Q54. Where do you deposit the rest water after spraying? Other specify 2:

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Mentioned

Q54_99: Q54. Where do you deposit the rest water after spraying? Don't know / no answer

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Mentioned

Q54_OTH1: Q54. Other 1:: Q54. Where do you deposit the rest water after spraying?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
i measure correctly thus no water left	i measure correctly thus no water left
in a hole	in a hole
no extra measure exact water to be used	no extra measure exact water to be used
pit latrine	pit latrine
re spray on the crop	re spray on the crop
repeat the spraying until it's over	repeat the spraying until it's over

Q54_OTH2: Q54. Other 2:: Q54. Where do you deposit the rest water after spraying?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
mostly we do not have left spray mix	mostly we do not have left spray mix

Q55A_1: Q55a. Where do you clean your sprain equipment? On farm**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q55B_1: Q55b. Where do you dispose the water used for cleaning you equipment? On field

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q55B_2: Q55b. Where do you dispose the water used for cleaning you equipment? Citerne

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	mentioned

Q55B_3: Q55b. Where do you dispose the water used for cleaning you equipment? On an unpaved surface

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	mentioned

Q55B_4: Q55b. Where do you dispose the water used for cleaning you equipment? On a paved surface (drain / dike)

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	mentioned

Q55B_96: Q55b. Where do you dispose the water used for cleaning you equipment? Other specify 1:

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	mentioned

Q55B_99: Q55b. Where do you dispose the water used for cleaning you equipment? Don't know / no answer

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	mentioned

Q55C: Q55. C. Do you store the sprayer protected from rain?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q55D: Q55. D. Do you use drift-reducing nozzles on your sprayer?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q71C: Q71. C. Could you please note down the strengths of the Barley variety that you have

sown.

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
asila f1	asila f1
bravo	bravo
bravo 906s	bravo 906s
bravo f1	bravo f1
eden f1	eden f1
eva 1	eva 1
eva f1	eva f1
jelly.shagi.	jelly.shagi.
jerry shagi	jerry shagi
kilele	kilele
oxhl	oxhl
rambo	rambo
rambo 1	rambo 1
shagi	shagi
super shagi	super shagi
tinti f1	tinti f1

Q72: Q72. When did the first field preparation start for growing area A for ?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
2013-04-15	2013-04-15
2013-09-01	2013-09-01

2013-10-01	2013-10-01
2013-11-01	2013-11-01
2013-11-30	2013-11-30
2013-12-15	2013-12-15
2014-01-01	2014-01-01
2014-01-03	2014-01-03
2014-01-10	2014-01-10
2014-01-15	2014-01-15
2014-01-30	2014-01-30
2014-02-01	2014-02-01
2014-02-03	2014-02-03
2014-02-05	2014-02-05
2014-02-10	2014-02-10
2014-02-14	2014-02-14
2014-02-15	2014-02-15
2014-02-27	2014-02-27
2014-02-28	2014-02-28
2014-03-01	2014-03-01
2014-03-02	2014-03-02
2014-03-03	2014-03-03
2014-03-04	2014-03-04
2014-03-10	2014-03-10
2014-03-15	2014-03-15
2014-03-20	2014-03-20
2014-03-30	2014-03-30
2014-04-01	2014-04-01
2014-04-03	2014-04-03
2014-04-04	2014-04-04
2014-04-05	2014-04-05
2014-04-06	2014-04-06
2014-04-07	2014-04-07
2014-04-12	2014-04-12
2014-04-14	2014-04-14
2014-04-15	2014-04-15
2014-04-16	2014-04-16
2014-04-20	2014-04-20
2014-04-21	2014-04-21
2014-04-30	2014-04-30
2014-05-01	2014-05-01

2014-05-02	2014-05-02
2014-05-03	2014-05-03
2014-05-05	2014-05-05
2014-05-07	2014-05-07
2014-05-08	2014-05-08
2014-05-10	2014-05-10
2014-05-12	2014-05-12
2014-05-15	2014-05-15
2014-05-20	2014-05-20
2014-05-22	2014-05-22
2014-05-28	2014-05-28
2014-05-30	2014-05-30
2014-06-01	2014-06-01
2014-06-15	2014-06-15
2014-06-16	2014-06-16
2014-07-01	2014-07-01
2014-07-02	2014-07-02
2014-07-03	2014-07-03
2014-07-05	2014-07-05
2014-07-06	2014-07-06
2014-07-15	2014-07-15
2014-07-20	2014-07-20
2014-07-26	2014-07-26
2014-07-27	2014-07-27
2014-07-29	2014-07-29
2014-07-30	2014-07-30
2014-07-31	2014-07-31
2014-08-01	2014-08-01
2014-08-03	2014-08-03
2014-08-10	2014-08-10
2014-08-13	2014-08-13
2014-08-15	2014-08-15
2014-08-20	2014-08-20
2014-08-25	2014-08-25
2014-08-30	2014-08-30
2014-09-03	2014-09-03
2015-02-25	2015-02-25
2015-03-01	2015-03-01
2015-03-25	2015-03-25

2015-07-10	2015-07-10
2015-08-01	2015-08-01
2015-08-07	2015-08-07
2015-08-08	2015-08-08
2015-08-10	2015-08-10
2015-08-11	2015-08-11
2015-08-12	2015-08-12
2015-08-15	2015-08-15
2015-08-19	2015-08-19
2015-08-20	2015-08-20
2015-08-25	2015-08-25
2015-08-28	2015-08-28
2015-09-01	2015-09-01
2015-09-02	2015-09-02
2015-09-07	2015-09-07
2015-09-08	2015-09-08
2015-09-09	2015-09-09
2015-09-10	2015-09-10
2015-09-13	2015-09-13
2015-09-15	2015-09-15
2016-01-05	2016-01-05
2016-01-15	2016-01-15
2016-01-31	2016-01-31
2016-02-01	2016-02-01
2016-02-03	2016-02-03
2016-02-07	2016-02-07
2016-02-10	2016-02-10
2016-02-15	2016-02-15
2016-02-20	2016-02-20
2016-02-23	2016-02-23
2016-02-25	2016-02-25
2016-03-01	2016-03-01
2016-03-03	2016-03-03
2016-03-04	2016-03-04
2016-03-15	2016-03-15
2016-03-25	2016-03-25
2016-08-01	2016-08-01
2016-08-05	2016-08-05
2016-08-10	2016-08-10

2016-08-25	2016-08-25
2016-08-29	2016-08-29
2016-08-30	2016-08-30
2016-09-01	2016-09-01
2016-09-04	2016-09-04
2016-09-10	2016-09-10
2016-09-15	2016-09-15
2016-10-01	2016-10-01
2016-10-03	2016-10-03
2016-10-04	2016-10-04
2016-10-05	2016-10-05
2016-10-06	2016-10-06
2016-10-07	2016-10-07
2016-10-08	2016-10-08
2016-10-10	2016-10-10
2016-10-15	2016-10-15
2017-02-10	2017-02-10
2017-02-13	2017-02-13
2017-02-14	2017-02-14
2017-02-15	2017-02-15
2017-02-20	2017-02-20
2017-02-23	2017-02-23
2017-02-24	2017-02-24
2017-02-28	2017-02-28
2017-03-01	2017-03-01
2017-03-02	2017-03-02
2017-03-05	2017-03-05
2017-03-10	2017-03-10
2017-03-11	2017-03-11
2017-03-22	2017-03-22
2017-03-24	2017-03-24
2017-12-02	2017-12-02
2018-01-01	2018-01-01
2018-01-02	2018-01-02
2018-01-06	2018-01-06
2018-01-10	2018-01-10
2018-01-19	2018-01-19
2018-01-25	2018-01-25
2018-01-30	2018-01-30

2018-02-01	2018-02-01
2018-02-05	2018-02-05
2018-02-07	2018-02-07
2018-02-09	2018-02-09
2018-02-10	2018-02-10
2018-02-11	2018-02-11
2018-02-12	2018-02-12
2018-02-15	2018-02-15
2018-02-17	2018-02-17
2018-02-18	2018-02-18
2018-02-19	2018-02-19
2018-02-20	2018-02-20
2018-02-22	2018-02-22
2018-02-24	2018-02-24
2018-02-25	2018-02-25
2018-02-27	2018-02-27
2018-02-28	2018-02-28
2018-03-01	2018-03-01
2018-03-05	2018-03-05
2018-03-09	2018-03-09
2018-03-10	2018-03-10
2018-03-12	2018-03-12
2018-03-26	2018-03-26
2018-03-30	2018-03-30
2018-04-01	2018-04-01
2018-04-05	2018-04-05
2019-01-05	2019-01-05
2019-01-21	2019-01-21
2019-01-26	2019-01-26
2019-01-30	2019-01-30
2019-02-05	2019-02-05
2019-02-12	2019-02-12
2019-02-15	2019-02-15
2019-02-17	2019-02-17
2019-02-18	2019-02-18
2019-02-20	2019-02-20
2019-03-02	2019-03-02
2019-03-05	2019-03-05
2019-03-06	2019-03-06

2019-03-07	2019-03-07
2019-03-12	2019-03-12
2019-03-14	2019-03-14
2019-03-15	2019-03-15
2019-03-18	2019-03-18
2019-03-20	2019-03-20
2019-03-22	2019-03-22
2019-03-25	2019-03-25
2019-03-26	2019-03-26
2019-03-28	2019-03-28
2019-04-01	2019-04-01
2019-04-02	2019-04-02
2019-04-05	2019-04-05
2019-04-07	2019-04-07
2019-04-08	2019-04-08

Q73: Q73. KGs/HECT of seeds sown for growing area A for

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0.02 - 4000 Format: Numeric

Q73A1: Q73A1. What is the amount of seeds that has been sown for growing area A?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0.15 - 400 Format: Numeric

Q123B: Q123. B. Which type of potatoes do you cultivate on growing area A for potato?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 4 Format: Numeric

Questions and instructions

Value	Category
1	starch potatoes
2	potatoes for fresh use
3	seed potatoes
4	potatoes for process use

Q151: Q151. Are grown on open field or in a greenhouse for growing area A?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	active greenhouse
2	open field

Q154A: Q154. A. # of plants transplanted per for growing area A for ?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 4 - 15 Format: Numeric

Q74: Q74. When was the crop sown / planted for growing area A for ?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
2013-09-15	2013-09-15
2013-10-01	2013-10-01

2013-10-15	2013-10-15
2014-02-01	2014-02-01
2014-02-14	2014-02-14
2014-02-28	2014-02-28
2014-03-01	2014-03-01
2014-03-03	2014-03-03
2014-03-15	2014-03-15
2014-03-30	2014-03-30
2014-04-01	2014-04-01
2014-04-02	2014-04-02
2014-04-10	2014-04-10
2014-04-12	2014-04-12
2014-04-15	2014-04-15
2014-04-21	2014-04-21
2014-04-28	2014-04-28
2014-04-30	2014-04-30
2014-05-01	2014-05-01
2014-05-02	2014-05-02
2014-05-03	2014-05-03
2014-05-04	2014-05-04
2014-05-05	2014-05-05
2014-05-06	2014-05-06
2014-05-12	2014-05-12
2014-05-13	2014-05-13
2014-05-15	2014-05-15
2014-05-16	2014-05-16
2014-05-19	2014-05-19
2014-05-20	2014-05-20
2014-05-29	2014-05-29
2014-05-30	2014-05-30
2014-06-01	2014-06-01
2014-06-15	2014-06-15
2014-06-18	2014-06-18
2014-06-20	2014-06-20
2014-06-30	2014-06-30
2014-07-01	2014-07-01
2014-07-03	2014-07-03
2014-07-05	2014-07-05
2014-07-12	2014-07-12

2014-07-15	2014-07-15
2014-07-25	2014-07-25
2014-07-30	2014-07-30
2014-07-31	2014-07-31
2014-08-01	2014-08-01
2014-08-03	2014-08-03
2014-08-05	2014-08-05
2014-08-10	2014-08-10
2014-08-15	2014-08-15
2014-08-20	2014-08-20
2014-08-25	2014-08-25
2014-08-29	2014-08-29
2014-08-30	2014-08-30
2014-08-31	2014-08-31
2014-09-01	2014-09-01
2014-09-02	2014-09-02
2014-09-03	2014-09-03
2014-09-20	2014-09-20
2015-03-10	2015-03-10
2015-04-01	2015-04-01
2015-08-28	2015-08-28
2015-09-01	2015-09-01
2015-09-02	2015-09-02
2015-09-04	2015-09-04
2015-09-05	2015-09-05
2015-09-07	2015-09-07
2015-09-10	2015-09-10
2015-09-15	2015-09-15
2015-09-20	2015-09-20
2015-09-22	2015-09-22
2015-10-01	2015-10-01
2015-10-02	2015-10-02
2015-10-03	2015-10-03
2015-10-04	2015-10-04
2015-10-08	2015-10-08
2015-10-09	2015-10-09
2015-10-10	2015-10-10
2015-10-13	2015-10-13
2015-10-18	2015-10-18

2016-01-10	2016-01-10
2016-01-18	2016-01-18
2016-01-31	2016-01-31
2016-02-04	2016-02-04
2016-02-05	2016-02-05
2016-02-08	2016-02-08
2016-02-10	2016-02-10
2016-02-15	2016-02-15
2016-02-25	2016-02-25
2016-03-01	2016-03-01
2016-03-02	2016-03-02
2016-03-05	2016-03-05
2016-03-08	2016-03-08
2016-03-10	2016-03-10
2016-03-14	2016-03-14
2016-03-15	2016-03-15
2016-03-20	2016-03-20
2016-03-23	2016-03-23
2016-04-05	2016-04-05
2016-04-06	2016-04-06
2016-04-30	2016-04-30
2016-08-15	2016-08-15
2016-08-31	2016-08-31
2016-09-01	2016-09-01
2016-09-07	2016-09-07
2016-09-10	2016-09-10
2016-09-12	2016-09-12
2016-09-14	2016-09-14
2016-09-24	2016-09-24
2016-09-30	2016-09-30
2016-10-01	2016-10-01
2016-10-03	2016-10-03
2016-10-04	2016-10-04
2016-10-05	2016-10-05
2016-10-08	2016-10-08
2016-10-12	2016-10-12
2016-10-13	2016-10-13
2016-10-14	2016-10-14
2016-10-15	2016-10-15

2016-10-18	2016-10-18
2016-10-19	2016-10-19
2016-10-20	2016-10-20
2016-10-22	2016-10-22
2016-10-30	2016-10-30
2017-02-27	2017-02-27
2017-03-03	2017-03-03
2017-03-04	2017-03-04
2017-03-07	2017-03-07
2017-03-10	2017-03-10
2017-03-13	2017-03-13
2017-03-14	2017-03-14
2017-03-15	2017-03-15
2017-03-17	2017-03-17
2017-03-20	2017-03-20
2017-03-24	2017-03-24
2017-03-25	2017-03-25
2017-03-26	2017-03-26
2017-03-27	2017-03-27
2017-03-30	2017-03-30
2017-04-01	2017-04-01
2017-11-02	2017-11-02
2018-02-01	2018-02-01
2018-02-11	2018-02-11
2018-02-15	2018-02-15
2018-02-16	2018-02-16
2018-02-20	2018-02-20
2018-02-27	2018-02-27
2018-02-28	2018-02-28
2018-03-01	2018-03-01
2018-03-05	2018-03-05
2018-03-07	2018-03-07
2018-03-08	2018-03-08
2018-03-10	2018-03-10
2018-03-13	2018-03-13
2018-03-15	2018-03-15
2018-03-16	2018-03-16
2018-03-18	2018-03-18
2018-03-19	2018-03-19

2018-03-20	2018-03-20
2018-03-21	2018-03-21
2018-03-22	2018-03-22
2018-03-23	2018-03-23
2018-03-24	2018-03-24
2018-03-25	2018-03-25
2018-04-01	2018-04-01
2018-04-06	2018-04-06
2018-04-13	2018-04-13
2019-02-02	2019-02-02
2019-02-15	2019-02-15
2019-02-24	2019-02-24
2019-03-01	2019-03-01
2019-03-02	2019-03-02
2019-03-03	2019-03-03
2019-03-06	2019-03-06
2019-03-09	2019-03-09
2019-03-10	2019-03-10
2019-03-14	2019-03-14
2019-03-16	2019-03-16
2019-03-17	2019-03-17
2019-03-18	2019-03-18
2019-03-20	2019-03-20
2019-03-23	2019-03-23
2019-03-24	2019-03-24
2019-03-25	2019-03-25
2019-03-28	2019-03-28
2019-03-30	2019-03-30
2019-03-31	2019-03-31
2019-04-01	2019-04-01
2019-04-04	2019-04-04
2019-04-05	2019-04-05
2019-04-06	2019-04-06
2019-04-07	2019-04-07
2019-04-08	2019-04-08
2019-04-10	2019-04-10
2019-04-15	2019-04-15
2019-04-18	2019-04-18
2019-04-20	2019-04-20

2019-04-21	2019-04-21
2019-04-30	2019-04-30
2019-05-04	2019-05-04

Q7400: Q7400. Have you sown/planted in the same period as last year?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q231B: Q231B. Are your seeds coated with crop protection products?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

Q233: Q233. Do you use on-farm or pre-treated seed treatment to treat the seeds for growing area A for ?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	pre-treated seed treatment
2	on-farm seed treatment
3	none

Q397NEW: Q397_NEW. If you have received a crop program and/or any recommendations for growing to implement this season.

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	i did not receive any kind of crop program
2	i received a complete crop program (this
3	i received some recommendations but not a complete program

Q224A: Q224 A. Did you perform a soil test for ?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q224: Q224. Do you apply organic fertilizers for ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

Q226: Q226. Do you apply chemical fertilizers for ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q229B1: Q229B1.Total number of applications you perform with chemical fertilizers on growing area for ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

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

Q229B2: Q229B2.Total number of applications you perform with organic fertilizers on growing area for ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 2 Format: Numeric

Q240E_1: Q240E. We would like to better understand the pest pressure on the selected growing areas. INSECT PRESSURE

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	medium
2	no pressure
3	low
4	high

Q240E_2: Q240E. We would like to better understand the pest pressure on the selected growing areas. DISEASE PRESSURE

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	low
2	no pressure
3	medium
4	high

Q240E_3: Q240E. We would like to better understand the pest pressure on the selected growing areas. WEED PRESSURE

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	medium
2	low
3	high
4	no pressure

Q240EN: Q240.E1. Do you generally use drift-reducing nozzles on your sprayer?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q240D: Q240D. Note down the total number of treatments you perform with crop protection products

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Q75: Q75. What is the final stand i.e. the number of plants - per /?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 1 - 20 Format: Numeric

Q76: Q76. Prior to harvest, indicate the percentage of the plot area that is lodged for ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 100 Format: Numeric

Q243A: Q243. When was the harvest period for ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
2014-03-10	2014-03-10
2014-03-15	2014-03-15
2014-04-01	2014-04-01
2014-07-15	2014-07-15
2014-07-30	2014-07-30
2014-08-01	2014-08-01
2014-08-02	2014-08-02
2014-08-08	2014-08-08
2014-08-10	2014-08-10
2014-08-15	2014-08-15
2014-08-19	2014-08-19
2014-08-20	2014-08-20
2014-08-25	2014-08-25
2014-08-26	2014-08-26
2014-08-27	2014-08-27
2014-08-28	2014-08-28
2014-08-30	2014-08-30
2014-08-31	2014-08-31
2014-09-01	2014-09-01
2014-09-02	2014-09-02
2014-09-03	2014-09-03

2014-09-04	2014-09-04
2014-09-05	2014-09-05
2014-09-10	2014-09-10
2014-09-15	2014-09-15
2014-09-18	2014-09-18
2014-09-19	2014-09-19
2014-09-20	2014-09-20
2014-09-22	2014-09-22
2014-09-24	2014-09-24
2014-09-28	2014-09-28
2014-09-29	2014-09-29
2014-09-30	2014-09-30
2014-10-01	2014-10-01
2014-10-02	2014-10-02
2014-10-03	2014-10-03
2014-10-06	2014-10-06
2014-10-08	2014-10-08
2014-10-10	2014-10-10
2014-10-15	2014-10-15
2014-10-16	2014-10-16
2014-10-17	2014-10-17
2014-10-20	2014-10-20
2014-10-22	2014-10-22
2014-10-25	2014-10-25
2014-10-26	2014-10-26
2014-10-27	2014-10-27
2014-10-28	2014-10-28
2014-11-15	2014-11-15
2014-11-17	2014-11-17
2014-11-20	2014-11-20
2014-11-21	2014-11-21
2014-11-23	2014-11-23
2014-11-29	2014-11-29
2014-11-30	2014-11-30
2014-12-02	2014-12-02
2014-12-06	2014-12-06
2014-12-10	2014-12-10
2014-12-12	2014-12-12
2014-12-17	2014-12-17

2014-12-18	2014-12-18
2014-12-19	2014-12-19
2014-12-21	2014-12-21
2014-12-22	2014-12-22
2014-12-29	2014-12-29
2014-12-30	2014-12-30
2015-01-09	2015-01-09
2015-01-10	2015-01-10
2015-01-12	2015-01-12
2015-01-15	2015-01-15
2015-07-05	2015-07-05
2015-08-01	2015-08-01
2016-01-01	2016-01-01
2016-01-03	2016-01-03
2016-01-05	2016-01-05
2016-02-01	2016-02-01
2016-02-02	2016-02-02
2016-02-03	2016-02-03
2016-02-04	2016-02-04
2016-02-05	2016-02-05
2016-02-06	2016-02-06
2016-02-07	2016-02-07
2016-02-08	2016-02-08
2016-02-10	2016-02-10
2016-02-11	2016-02-11
2016-02-20	2016-02-20
2016-02-28	2016-02-28
2016-02-29	2016-02-29
2016-03-02	2016-03-02
2016-03-03	2016-03-03
2016-03-05	2016-03-05
2016-03-10	2016-03-10
2016-03-15	2016-03-15
2016-07-01	2016-07-01
2016-07-02	2016-07-02
2016-07-05	2016-07-05
2016-07-06	2016-07-06
2016-07-08	2016-07-08
2016-07-10	2016-07-10

2016-07-20	2016-07-20
2016-07-21	2016-07-21
2016-07-30	2016-07-30
2016-07-31	2016-07-31
2016-08-01	2016-08-01
2016-08-08	2016-08-08
2016-08-10	2016-08-10
2016-08-15	2016-08-15
2016-09-01	2016-09-01
2016-10-10	2016-10-10
2017-02-01	2017-02-01
2017-02-05	2017-02-05
2017-02-08	2017-02-08
2017-02-09	2017-02-09
2017-02-10	2017-02-10
2017-02-11	2017-02-11
2017-02-18	2017-02-18
2017-02-19	2017-02-19
2017-02-20	2017-02-20
2017-02-22	2017-02-22
2017-02-24	2017-02-24
2017-02-26	2017-02-26
2017-02-27	2017-02-27
2017-02-28	2017-02-28
2017-03-01	2017-03-01
2017-03-04	2017-03-04
2017-03-05	2017-03-05
2017-06-01	2017-06-01
2017-06-05	2017-06-05
2017-06-10	2017-06-10
2017-06-15	2017-06-15
2017-06-20	2017-06-20
2017-06-23	2017-06-23
2017-06-24	2017-06-24
2017-06-25	2017-06-25
2017-06-28	2017-06-28
2017-06-29	2017-06-29
2017-06-30	2017-06-30
2017-07-01	2017-07-01

2017-07-02	2017-07-02
2018-04-17	2018-04-17
2018-06-05	2018-06-05
2018-06-06	2018-06-06
2018-06-07	2018-06-07
2018-06-10	2018-06-10
2018-06-11	2018-06-11
2018-06-13	2018-06-13
2018-06-15	2018-06-15
2018-06-16	2018-06-16
2018-06-17	2018-06-17
2018-06-20	2018-06-20
2018-06-21	2018-06-21
2018-06-22	2018-06-22
2018-06-25	2018-06-25
2018-06-26	2018-06-26
2018-06-27	2018-06-27
2018-06-28	2018-06-28
2018-06-30	2018-06-30
2018-07-02	2018-07-02
2018-07-03	2018-07-03
2018-07-06	2018-07-06
2018-07-08	2018-07-08
2018-07-09	2018-07-09
2018-07-10	2018-07-10
2018-07-13	2018-07-13
2018-07-16	2018-07-16
2018-07-17	2018-07-17
2018-07-20	2018-07-20
2018-08-09	2018-08-09
2019-03-06	2019-03-06
2019-04-17	2019-04-17
2019-04-20	2019-04-20
2019-04-25	2019-04-25
2019-05-10	2019-05-10
2019-05-15	2019-05-15
2019-05-20	2019-05-20
2019-05-23	2019-05-23
2019-06-08	2019-06-08

2019-06-10	2019-06-10
2019-06-14	2019-06-14
2019-06-18	2019-06-18
2019-06-20	2019-06-20
2019-06-25	2019-06-25
2019-06-28	2019-06-28
2019-07-05	2019-07-05
2019-07-10	2019-07-10
2019-07-30	2019-07-30
2019-08-05	2019-08-05
2019-08-10	2019-08-10
2019-08-13	2019-08-13
2019-08-15	2019-08-15
2019-08-18	2019-08-18
2019-08-20	2019-08-20
2019-08-21	2019-08-21
2019-08-23	2019-08-23
2019-08-25	2019-08-25
2019-08-26	2019-08-26
2019-08-28	2019-08-28
2019-08-29	2019-08-29
2019-08-30	2019-08-30
2019-09-01	2019-09-01
2019-09-03	2019-09-03
2019-09-04	2019-09-04
2019-09-05	2019-09-05
2019-09-06	2019-09-06

Q243B: Q243. When was the harvest period for ?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
-------	----------

2014-03-10	2014-03-10
2014-03-15	2014-03-15
2014-04-01	2014-04-01
2014-07-30	2014-07-30
2014-08-01	2014-08-01
2014-08-02	2014-08-02
2014-08-10	2014-08-10
2014-08-15	2014-08-15
2014-08-19	2014-08-19
2014-08-20	2014-08-20
2014-08-26	2014-08-26
2014-08-27	2014-08-27
2014-08-28	2014-08-28
2014-08-30	2014-08-30
2014-09-01	2014-09-01
2014-09-02	2014-09-02
2014-09-04	2014-09-04
2014-09-05	2014-09-05
2014-09-10	2014-09-10
2014-09-11	2014-09-11
2014-09-14	2014-09-14
2014-09-15	2014-09-15
2014-09-19	2014-09-19
2014-09-20	2014-09-20
2014-09-22	2014-09-22
2014-09-27	2014-09-27
2014-09-28	2014-09-28
2014-09-29	2014-09-29
2014-09-30	2014-09-30
2014-10-01	2014-10-01
2014-10-02	2014-10-02
2014-10-03	2014-10-03
2014-10-05	2014-10-05
2014-10-10	2014-10-10
2014-10-15	2014-10-15
2014-10-20	2014-10-20
2014-10-24	2014-10-24
2014-10-27	2014-10-27
2014-10-28	2014-10-28

2014-10-30	2014-10-30
2014-11-22	2014-11-22
2014-11-24	2014-11-24
2014-11-26	2014-11-26
2014-12-02	2014-12-02
2014-12-04	2014-12-04
2014-12-06	2014-12-06
2014-12-08	2014-12-08
2014-12-10	2014-12-10
2014-12-14	2014-12-14
2014-12-16	2014-12-16
2014-12-22	2014-12-22
2014-12-23	2014-12-23
2015-01-03	2015-01-03
2015-01-04	2015-01-04
2015-01-12	2015-01-12
2015-01-14	2015-01-14
2015-01-16	2015-01-16
2015-08-05	2015-08-05
2015-08-18	2015-08-18
2016-01-02	2016-01-02
2016-01-10	2016-01-10
2016-01-15	2016-01-15
2016-02-01	2016-02-01
2016-02-05	2016-02-05
2016-02-06	2016-02-06
2016-02-07	2016-02-07
2016-02-09	2016-02-09
2016-02-10	2016-02-10
2016-02-12	2016-02-12
2016-02-17	2016-02-17
2016-02-22	2016-02-22
2016-02-25	2016-02-25
2016-03-04	2016-03-04
2016-03-05	2016-03-05
2016-03-07	2016-03-07
2016-03-10	2016-03-10
2016-03-12	2016-03-12
2016-03-15	2016-03-15

2016-03-20	2016-03-20
2016-03-24	2016-03-24
2016-03-25	2016-03-25
2016-03-27	2016-03-27
2016-03-28	2016-03-28
2016-07-03	2016-07-03
2016-07-10	2016-07-10
2016-07-16	2016-07-16
2016-07-24	2016-07-24
2016-07-30	2016-07-30
2016-08-01	2016-08-01
2016-08-02	2016-08-02
2016-08-05	2016-08-05
2016-08-06	2016-08-06
2016-08-10	2016-08-10
2016-08-15	2016-08-15
2016-08-20	2016-08-20
2016-08-25	2016-08-25
2016-08-28	2016-08-28
2016-08-31	2016-08-31
2016-09-02	2016-09-02
2016-09-05	2016-09-05
2016-10-16	2016-10-16
2017-02-01	2017-02-01
2017-02-02	2017-02-02
2017-02-03	2017-02-03
2017-02-07	2017-02-07
2017-02-08	2017-02-08
2017-02-09	2017-02-09
2017-02-10	2017-02-10
2017-02-11	2017-02-11
2017-02-12	2017-02-12
2017-02-19	2017-02-19
2017-02-20	2017-02-20
2017-02-21	2017-02-21
2017-02-28	2017-02-28
2017-03-01	2017-03-01
2017-03-02	2017-03-02
2017-03-03	2017-03-03

2017-03-04	2017-03-04
2017-03-05	2017-03-05
2017-03-06	2017-03-06
2017-03-08	2017-03-08
2017-06-30	2017-06-30
2017-07-01	2017-07-01
2017-07-02	2017-07-02
2017-07-03	2017-07-03
2017-07-04	2017-07-04
2017-07-05	2017-07-05
2017-07-06	2017-07-06
2017-07-07	2017-07-07
2017-07-09	2017-07-09
2017-07-26	2017-07-26
2018-04-19	2018-04-19
2018-05-21	2018-05-21
2018-06-06	2018-06-06
2018-06-07	2018-06-07
2018-06-09	2018-06-09
2018-06-12	2018-06-12
2018-06-13	2018-06-13
2018-06-15	2018-06-15
2018-06-16	2018-06-16
2018-06-17	2018-06-17
2018-06-18	2018-06-18
2018-06-19	2018-06-19
2018-06-21	2018-06-21
2018-06-23	2018-06-23
2018-06-25	2018-06-25
2018-06-26	2018-06-26
2018-06-30	2018-06-30
2018-07-02	2018-07-02
2018-07-04	2018-07-04
2018-07-08	2018-07-08
2018-07-09	2018-07-09
2018-07-10	2018-07-10
2018-07-12	2018-07-12
2018-07-13	2018-07-13
2018-07-16	2018-07-16

2018-07-20	2018-07-20
2018-07-21	2018-07-21
2018-07-22	2018-07-22
2018-07-25	2018-07-25
2018-07-27	2018-07-27
2018-07-28	2018-07-28
2018-08-15	2018-08-15
2019-06-10	2019-06-10
2019-06-15	2019-06-15
2019-06-23	2019-06-23
2019-06-29	2019-06-29
2019-06-30	2019-06-30
2019-07-17	2019-07-17
2019-07-20	2019-07-20
2019-07-22	2019-07-22
2019-07-24	2019-07-24
2019-07-25	2019-07-25
2019-07-26	2019-07-26
2019-07-27	2019-07-27
2019-07-28	2019-07-28
2019-08-10	2019-08-10
2019-08-14	2019-08-14
2019-08-15	2019-08-15
2019-08-18	2019-08-18
2019-08-20	2019-08-20
2019-08-23	2019-08-23
2019-08-24	2019-08-24
2019-08-25	2019-08-25
2019-08-27	2019-08-27
2019-08-29	2019-08-29
2019-08-30	2019-08-30
2019-09-02	2019-09-02
2019-09-03	2019-09-03
2019-09-04	2019-09-04
2019-09-05	2019-09-05
2019-09-07	2019-09-07
2019-09-08	2019-09-08
2019-09-09	2019-09-09
2019-09-25	2019-09-25

Q243BB: Q243b. Have you harvested in the same period as last year?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q244: Q244. Marketable yield that has been achieved for growing area A for in per ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0.1 - 27 Format: Numeric

Q299: Q299. What is the tuber yield that has been achieved for potato in /?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0.1 - 39 Format: Numeric

Q4094_1: Q4094. Who measured the yield on each of the growing areas? Myself**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned

2	mentioned
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Q4094_2: Q4094. Who measured the yield on each of the growing areas? Dealer/store

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q4094_3: Q4094. Who measured the yield on each of the growing areas?

Manufacturer/representative

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q4094_5: Q4094. Who measured the yield on each of the growing areas? Cooperative

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q4094_96: Q4094. Who measured the yield on each of the growing areas? Other specify1

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q4094_98: Q4094. Who measured the yield on each of the growing areas? Other specify3

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q4094_99: Q4094. Who measured the yield on each of the growing areas? Don't know / no answer

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q4095A: Q4095. A. Compared to previous year, would you say your yield has ...?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	increased
2	decreased
3	remained stable

Q4096A: Q4096. A. How satisfied are you with your yield this season?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	somewhat satisfied
2	very unsatisfied
3	very satisfied
4	somewhat unsatisfied

Q4097A: Q4097. A. How satisfied are you with the price you received on the market?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	very unsatisfied
2	somewhat satisfied
3	very satisfied
4	somewhat unsatisfied

Q251: Q251. % of crop damaged at the time of harvest (total lost - not marketable) for ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 70 Format: Numeric

Q4091: Q4091. What is the average size (diameter) of one tomato/pepper harvested on average? (cm)**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 1.5 - 6 Format: Numeric

Q4092: Q4092. What is the number of marketable tomatoes/peppers fruits per square meter?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 2 - 360 Format: Numeric

Q360A: Q360. When was the harvest period for ?**Data file:** Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
2014-03-10	2014-03-10
2014-03-15	2014-03-15
2014-04-01	2014-04-01
2014-07-15	2014-07-15
2014-07-30	2014-07-30
2014-08-01	2014-08-01
2014-08-02	2014-08-02
2014-08-08	2014-08-08
2014-08-10	2014-08-10
2014-08-15	2014-08-15
2014-08-19	2014-08-19
2014-08-20	2014-08-20
2014-08-25	2014-08-25
2014-08-26	2014-08-26
2014-08-27	2014-08-27
2014-08-28	2014-08-28
2014-08-30	2014-08-30
2014-08-31	2014-08-31
2014-09-01	2014-09-01
2014-09-02	2014-09-02
2014-09-03	2014-09-03
2014-09-04	2014-09-04
2014-09-05	2014-09-05
2014-09-10	2014-09-10
2014-09-15	2014-09-15
2014-09-18	2014-09-18
2014-09-19	2014-09-19
2014-09-20	2014-09-20
2014-09-22	2014-09-22
2014-09-24	2014-09-24
2014-09-28	2014-09-28
2014-09-29	2014-09-29

2014-09-30	2014-09-30
2014-10-01	2014-10-01
2014-10-02	2014-10-02
2014-10-03	2014-10-03
2014-10-06	2014-10-06
2014-10-08	2014-10-08
2014-10-10	2014-10-10
2014-10-15	2014-10-15
2014-10-16	2014-10-16
2014-10-17	2014-10-17
2014-10-20	2014-10-20
2014-10-22	2014-10-22
2014-10-25	2014-10-25
2014-10-26	2014-10-26
2014-10-27	2014-10-27
2014-10-28	2014-10-28
2014-11-15	2014-11-15
2014-11-17	2014-11-17
2014-11-20	2014-11-20
2014-11-21	2014-11-21
2014-11-23	2014-11-23
2014-11-29	2014-11-29
2014-11-30	2014-11-30
2014-12-02	2014-12-02
2014-12-06	2014-12-06
2014-12-10	2014-12-10
2014-12-12	2014-12-12
2014-12-17	2014-12-17
2014-12-18	2014-12-18
2014-12-19	2014-12-19
2014-12-21	2014-12-21
2014-12-22	2014-12-22
2014-12-29	2014-12-29
2014-12-30	2014-12-30
2015-01-09	2015-01-09
2015-01-10	2015-01-10
2015-01-12	2015-01-12
2015-01-15	2015-01-15

Q360B: Q360. When was the harvest period for ?**Data file: Global_farm_data****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
2014-03-10	2014-03-10
2014-03-15	2014-03-15
2014-04-01	2014-04-01
2014-07-30	2014-07-30
2014-08-01	2014-08-01
2014-08-02	2014-08-02
2014-08-10	2014-08-10
2014-08-15	2014-08-15
2014-08-19	2014-08-19
2014-08-20	2014-08-20
2014-08-26	2014-08-26
2014-08-27	2014-08-27
2014-08-28	2014-08-28
2014-08-30	2014-08-30
2014-09-01	2014-09-01
2014-09-02	2014-09-02
2014-09-04	2014-09-04
2014-09-05	2014-09-05
2014-09-10	2014-09-10
2014-09-11	2014-09-11
2014-09-14	2014-09-14
2014-09-15	2014-09-15
2014-09-19	2014-09-19
2014-09-20	2014-09-20
2014-09-22	2014-09-22
2014-09-27	2014-09-27
2014-09-28	2014-09-28
2014-09-29	2014-09-29

2014-09-30	2014-09-30
2014-10-01	2014-10-01
2014-10-02	2014-10-02
2014-10-03	2014-10-03
2014-10-05	2014-10-05
2014-10-10	2014-10-10
2014-10-15	2014-10-15
2014-10-20	2014-10-20
2014-10-24	2014-10-24
2014-10-27	2014-10-27
2014-10-28	2014-10-28
2014-10-30	2014-10-30
2014-11-22	2014-11-22
2014-11-24	2014-11-24
2014-11-26	2014-11-26
2014-12-02	2014-12-02
2014-12-04	2014-12-04
2014-12-06	2014-12-06
2014-12-08	2014-12-08
2014-12-10	2014-12-10
2014-12-14	2014-12-14
2014-12-16	2014-12-16
2014-12-22	2014-12-22
2014-12-23	2014-12-23
2015-01-03	2015-01-03
2015-01-04	2015-01-04
2015-01-12	2015-01-12
2015-01-14	2015-01-14
2015-01-16	2015-01-16

Q319A: Q319. When was the harvest period for sugarcane?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

Value	Category
2014-03-10	2014-03-10
2014-03-15	2014-03-15
2014-04-01	2014-04-01
2014-07-15	2014-07-15
2014-07-30	2014-07-30
2014-08-01	2014-08-01
2014-08-02	2014-08-02
2014-08-08	2014-08-08
2014-08-10	2014-08-10
2014-08-15	2014-08-15
2014-08-19	2014-08-19
2014-08-20	2014-08-20
2014-08-25	2014-08-25
2014-08-26	2014-08-26
2014-08-27	2014-08-27
2014-08-28	2014-08-28
2014-08-30	2014-08-30
2014-08-31	2014-08-31
2014-09-01	2014-09-01
2014-09-02	2014-09-02
2014-09-03	2014-09-03
2014-09-04	2014-09-04
2014-09-05	2014-09-05
2014-09-10	2014-09-10
2014-09-15	2014-09-15
2014-09-18	2014-09-18
2014-09-19	2014-09-19
2014-09-20	2014-09-20
2014-09-22	2014-09-22
2014-09-24	2014-09-24
2014-09-28	2014-09-28
2014-09-29	2014-09-29
2014-09-30	2014-09-30
2014-10-01	2014-10-01
2014-10-02	2014-10-02
2014-10-03	2014-10-03
2014-10-06	2014-10-06
2014-10-08	2014-10-08

2014-10-10	2014-10-10
2014-10-15	2014-10-15
2014-10-16	2014-10-16
2014-10-17	2014-10-17
2014-10-20	2014-10-20
2014-10-22	2014-10-22
2014-10-25	2014-10-25
2014-10-26	2014-10-26
2014-10-27	2014-10-27
2014-10-28	2014-10-28
2014-11-15	2014-11-15
2014-11-17	2014-11-17
2014-11-20	2014-11-20
2014-11-21	2014-11-21
2014-11-23	2014-11-23
2014-11-29	2014-11-29
2014-11-30	2014-11-30
2014-12-02	2014-12-02
2014-12-06	2014-12-06
2014-12-10	2014-12-10
2014-12-12	2014-12-12
2014-12-17	2014-12-17
2014-12-18	2014-12-18
2014-12-19	2014-12-19
2014-12-21	2014-12-21
2014-12-22	2014-12-22
2014-12-29	2014-12-29
2014-12-30	2014-12-30
2015-01-09	2015-01-09
2015-01-10	2015-01-10
2015-01-12	2015-01-12
2015-01-15	2015-01-15

Q319B: Q319. When was the harvest period for sugarcane?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
2014-03-10	2014-03-10
2014-03-15	2014-03-15
2014-04-01	2014-04-01
2014-07-30	2014-07-30
2014-08-01	2014-08-01
2014-08-02	2014-08-02
2014-08-10	2014-08-10
2014-08-15	2014-08-15
2014-08-19	2014-08-19
2014-08-20	2014-08-20
2014-08-26	2014-08-26
2014-08-27	2014-08-27
2014-08-28	2014-08-28
2014-08-30	2014-08-30
2014-09-01	2014-09-01
2014-09-02	2014-09-02
2014-09-04	2014-09-04
2014-09-05	2014-09-05
2014-09-10	2014-09-10
2014-09-11	2014-09-11
2014-09-14	2014-09-14
2014-09-15	2014-09-15
2014-09-19	2014-09-19
2014-09-20	2014-09-20
2014-09-22	2014-09-22
2014-09-27	2014-09-27
2014-09-28	2014-09-28
2014-09-29	2014-09-29
2014-09-30	2014-09-30
2014-10-01	2014-10-01
2014-10-02	2014-10-02
2014-10-03	2014-10-03
2014-10-05	2014-10-05
2014-10-10	2014-10-10
2014-10-15	2014-10-15

2014-10-20	2014-10-20
2014-10-24	2014-10-24
2014-10-27	2014-10-27
2014-10-28	2014-10-28
2014-10-30	2014-10-30
2014-11-22	2014-11-22
2014-11-24	2014-11-24
2014-11-26	2014-11-26
2014-12-02	2014-12-02
2014-12-04	2014-12-04
2014-12-06	2014-12-06
2014-12-08	2014-12-08
2014-12-10	2014-12-10
2014-12-14	2014-12-14
2014-12-16	2014-12-16
2014-12-22	2014-12-22
2014-12-23	2014-12-23
2015-01-03	2015-01-03
2015-01-04	2015-01-04
2015-01-12	2015-01-12
2015-01-14	2015-01-14
2015-01-16	2015-01-16

Q339A: Q339. When was the harvest period for banana?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
2014-03-10	2014-03-10
2014-03-15	2014-03-15
2014-04-01	2014-04-01
2014-07-15	2014-07-15
2014-07-30	2014-07-30

2014-08-01	2014-08-01
2014-08-02	2014-08-02
2014-08-08	2014-08-08
2014-08-10	2014-08-10
2014-08-15	2014-08-15
2014-08-19	2014-08-19
2014-08-20	2014-08-20
2014-08-25	2014-08-25
2014-08-26	2014-08-26
2014-08-27	2014-08-27
2014-08-28	2014-08-28
2014-08-30	2014-08-30
2014-08-31	2014-08-31
2014-09-01	2014-09-01
2014-09-02	2014-09-02
2014-09-03	2014-09-03
2014-09-04	2014-09-04
2014-09-05	2014-09-05
2014-09-10	2014-09-10
2014-09-15	2014-09-15
2014-09-18	2014-09-18
2014-09-19	2014-09-19
2014-09-20	2014-09-20
2014-09-22	2014-09-22
2014-09-24	2014-09-24
2014-09-28	2014-09-28
2014-09-29	2014-09-29
2014-09-30	2014-09-30
2014-10-01	2014-10-01
2014-10-02	2014-10-02
2014-10-03	2014-10-03
2014-10-06	2014-10-06
2014-10-08	2014-10-08
2014-10-10	2014-10-10
2014-10-15	2014-10-15
2014-10-16	2014-10-16
2014-10-17	2014-10-17
2014-10-20	2014-10-20
2014-10-22	2014-10-22

2014-10-25	2014-10-25
2014-10-26	2014-10-26
2014-10-27	2014-10-27
2014-10-28	2014-10-28
2014-11-15	2014-11-15
2014-11-17	2014-11-17
2014-11-20	2014-11-20
2014-11-21	2014-11-21
2014-11-23	2014-11-23
2014-11-29	2014-11-29
2014-11-30	2014-11-30
2014-12-02	2014-12-02
2014-12-06	2014-12-06
2014-12-10	2014-12-10
2014-12-12	2014-12-12
2014-12-17	2014-12-17
2014-12-18	2014-12-18
2014-12-19	2014-12-19
2014-12-21	2014-12-21
2014-12-22	2014-12-22
2014-12-29	2014-12-29
2014-12-30	2014-12-30
2015-01-09	2015-01-09
2015-01-10	2015-01-10
2015-01-12	2015-01-12
2015-01-15	2015-01-15

Q339B: Q339. When was the harvest period for banana?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
2014-03-10	2014-03-10

2014-03-15	2014-03-15
2014-04-01	2014-04-01
2014-07-30	2014-07-30
2014-08-01	2014-08-01
2014-08-02	2014-08-02
2014-08-10	2014-08-10
2014-08-15	2014-08-15
2014-08-19	2014-08-19
2014-08-20	2014-08-20
2014-08-26	2014-08-26
2014-08-27	2014-08-27
2014-08-28	2014-08-28
2014-08-30	2014-08-30
2014-09-01	2014-09-01
2014-09-02	2014-09-02
2014-09-04	2014-09-04
2014-09-05	2014-09-05
2014-09-10	2014-09-10
2014-09-11	2014-09-11
2014-09-14	2014-09-14
2014-09-15	2014-09-15
2014-09-19	2014-09-19
2014-09-20	2014-09-20
2014-09-22	2014-09-22
2014-09-27	2014-09-27
2014-09-28	2014-09-28
2014-09-29	2014-09-29
2014-09-30	2014-09-30
2014-10-01	2014-10-01
2014-10-02	2014-10-02
2014-10-03	2014-10-03
2014-10-05	2014-10-05
2014-10-10	2014-10-10
2014-10-15	2014-10-15
2014-10-20	2014-10-20
2014-10-24	2014-10-24
2014-10-27	2014-10-27
2014-10-28	2014-10-28
2014-10-30	2014-10-30

2014-11-22	2014-11-22
2014-11-24	2014-11-24
2014-11-26	2014-11-26
2014-12-02	2014-12-02
2014-12-04	2014-12-04
2014-12-06	2014-12-06
2014-12-08	2014-12-08
2014-12-10	2014-12-10
2014-12-14	2014-12-14
2014-12-16	2014-12-16
2014-12-22	2014-12-22
2014-12-23	2014-12-23
2015-01-03	2015-01-03
2015-01-04	2015-01-04
2015-01-12	2015-01-12
2015-01-14	2015-01-14
2015-01-16	2015-01-16

Q246_1: Q246. % of the harvest of your target crop is used for own consumption

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 100 Format: Numeric

Q246_2: Q246. % of the harvest of your target crop is used for feeding livestock

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 30 Format: Numeric

Q246_3: Q246. % of the harvest of your target crop is used for harvest sold

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 100 Format: Numeric

Q4002: Q4002. Did you take measures to prevent post-harvest loss for ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

Q7013: Q7013. How do you deal with crop residue of ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 6 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	i leave the crop residue on the field
2	i burn the crop residue
3	i remove the crop residue and use it as compost
4	i remove the crop residue and leave it untreated
5	i remove the crop residue and export it off farm
6	other. specify:

Q377: Q377. What is the estimated revenue in / for growing area A of ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 5000 - 3900000 Format: Numeric

Q378: Q378. Could you please indicate the estimated revenue in general? /.**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 20000 - 460000 Format: Numeric

Q379: Q379.A Can you please explain your answer for ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	average
2	low
3	very low
4	high
5	very high

Q380: Q380. What is your total input cost for from first field preparation until harvest?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 2900 - 300000 Format: Numeric

Q4111_1: Q4111. Actual costs SEEDS for ?/**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 65000 Format: Numeric

Q4111_2: Q4111. Actual costs FERTILIZERZ for ?/**Data file:** Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 65000 Format: Numeric

Q4111_3: Q4111. Actual costs LABOR for ?/**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 90000 Format: Numeric

Q4111_4: Q4111. Actual costs MACHINERY ?/**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 90000 Format: Numeric

Q4111_5: Q4111. Actual costs WATER USE for ?/**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 13000 Format: Numeric

Q4111_6: Q4111. Actual costs FUEL for ?/**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 15000 Format: Numeric

Q4111_7: Q4111. Actual costs RENT/LOAN for ?/**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 20000 Format: Numeric

Q4111_8: Q4111. Actual costs FUNGICIDES for ?/**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 50000 Format: Numeric

Q4111_9: Q4111. Actual costs HERBICIDES for ?/**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 6000 Format: Numeric

Q4111_10: Q4111. Actual costs INSECTICIDES ?/**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 15000 Format: Numeric

Q4111_98: Q4111. Actual costs DRYING for ?/**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 50000 Format: Numeric

Q381_1: Q381. Percentage of TREES/SEED costs out of the total input cost for ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 100 Format: Numeric

Q381_2: Q381. Percentage of FERTILIZERS costs out of the total input cost for ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 60 Format: Numeric

Q381_3: Q381. Percentage of PESTICIDES costs out of the total input cost for ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 75 Format: Numeric

Q381_4: Q381. Percentage of LABOR costs out of the total input cost for ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 80 Format: Numeric

Q381_5: Q381. Percentage of MACHINERY costs of the total input cost for ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 50 Format: Numeric

Q381_6: Q381. Percentage of WATER USE costs out of the total input cost for ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 40 Format: Numeric

Q381_7: Q381. Percentage of FUEL costs out of the total input cost for ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 40 Format: Numeric

Q381_8: Q381. Percentage of ELECTRICITY costs out of the total input cost for ?**Data file:** Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 20 Format: Numeric

Q381_9: Q381. Percentage of GAS costs out of the total input cost for ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 35 Format: Numeric

Q381_10: Q381. Percentage of RENT/LOAN costs out of the total input cost for ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 20 Format: Numeric

Q381_98: Q381. Percentage of OTHER costs out of the total input cost for ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 15 Format: Numeric

Q4121: Q4121. In general for the whole cultivation period, rate the weather conditions for ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	very favorable weather conditions
2	no favorable weather conditions
3	normal weather conditions

Q387_1: Q387. What was the impact for target crop? Reduced yield**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q387_2: Q387. What was the impact for target crop? Reduced yield quality**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q387_3: Q387. What was the impact for target crop? No impact**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q387_96: Q387. What was the impact for target crop? Other. Specify 1:**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q387_OTH1: Q387.Other. Impact for growing area A on the ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	no yield at all

Q388: Q388. How would you say the level of rainfall was for growing area A**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	somewhat more than usual
2	a lot less than usual

3	somewhat less than usual
4	a lot more than usual
5	the same as usual

Q388B: Q388. B. You mentioned you had less rainfall this season than usual. Was this problematic?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q388D: Q388D. You mentioned you had more rainfall this season than usual. Was this problematic?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

Q3880: Q3880. How would you say the temperature was during this season ?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	somewhat higher than usual
2	the same as usual
3	somewhat lower than usual
4	a lot higher than usual
5	a lot lower than usual

Q3880B: Q3880 B. You mentioned you had lower temperatures this season than usual. Was this problematic?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

Q3880D: Q3880 D. You mentioned you had higher temperatures this season than usual. Was this problematic?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

Q389: Q389. What is the MAIN water source of during this season?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	rain-fed (no equipment, only natural rainfall)
2	irrigated using irrigation equipment (e.g. rain,
3	other. specify 1:

Q390: Q390. What is the number of days you have been irrigating ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 2 - 238 Format: Numeric

Q391: Q391. What is the average amount of hours per day you have been irrigating of ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 1 - 24 Format: Numeric

Q392: Q392. What is the amount of liters that is discharged per hour of ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 1 - 40000 Format: Numeric

Q7016: Q7016. Please indicate what percentage of the area is irrigated for**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 70 - 100 Format: Numeric

Q7017: Q7017. Which method of irrigation did you apply for ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	propelling water as rain
2	flooding the area
3	micro-sprinklers that create a fog
4	dispersing drop by drop to the base of the plant
5	other. specify 1:

Q399C: Q399.C. How satisfied are you with the crop program and/or recommendations for ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	rather satisfied
2	very satisfied
3	not satisfied at all
4	rather unsatisfied

Q399E1: Q399. E1. What is your opinion about the in-furrow technology you applied?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
N/A	N/A

DATE1: field preparation

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
2019-01-05	2019-01-05
2019-01-21	2019-01-21
2019-01-26	2019-01-26
2019-01-30	2019-01-30
2019-02-05	2019-02-05
2019-02-12	2019-02-12
2019-02-15	2019-02-15
2019-02-17	2019-02-17
2019-02-18	2019-02-18
2019-02-20	2019-02-20
2019-03-02	2019-03-02
2019-03-05	2019-03-05
2019-03-06	2019-03-06
2019-03-07	2019-03-07
2019-03-12	2019-03-12
2019-03-14	2019-03-14
2019-03-15	2019-03-15
2019-03-18	2019-03-18
2019-03-20	2019-03-20
2019-03-22	2019-03-22
2019-03-25	2019-03-25
2019-03-26	2019-03-26

2019-03-28	2019-03-28
2019-04-01	2019-04-01
2019-04-02	2019-04-02
2019-04-05	2019-04-05
2019-04-07	2019-04-07
2019-04-08	2019-04-08

DATE2: sowing/planting

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
2019-02-02	2019-02-02
2019-02-15	2019-02-15
2019-02-24	2019-02-24
2019-03-01	2019-03-01
2019-03-02	2019-03-02
2019-03-03	2019-03-03
2019-03-06	2019-03-06
2019-03-09	2019-03-09
2019-03-10	2019-03-10
2019-03-14	2019-03-14
2019-03-16	2019-03-16
2019-03-17	2019-03-17
2019-03-18	2019-03-18
2019-03-20	2019-03-20
2019-03-23	2019-03-23
2019-03-24	2019-03-24
2019-03-25	2019-03-25
2019-03-28	2019-03-28
2019-03-30	2019-03-30
2019-03-31	2019-03-31
2019-04-01	2019-04-01

2019-04-04	2019-04-04
2019-04-05	2019-04-05
2019-04-06	2019-04-06
2019-04-07	2019-04-07
2019-04-08	2019-04-08
2019-04-10	2019-04-10
2019-04-15	2019-04-15
2019-04-18	2019-04-18
2019-04-20	2019-04-20
2019-04-21	2019-04-21
2019-04-30	2019-04-30
2019-05-04	2019-05-04

DATE3A: begin harvest

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
1900-01-01	1900-01-01
2019-03-06	2019-03-06
2019-04-17	2019-04-17
2019-04-20	2019-04-20
2019-04-25	2019-04-25
2019-05-10	2019-05-10
2019-05-15	2019-05-15
2019-05-20	2019-05-20
2019-05-23	2019-05-23
2019-06-08	2019-06-08
2019-06-10	2019-06-10
2019-06-14	2019-06-14
2019-06-18	2019-06-18
2019-06-20	2019-06-20
2019-06-25	2019-06-25

2019-06-28	2019-06-28
2019-07-05	2019-07-05
2019-07-10	2019-07-10
2019-07-30	2019-07-30
2019-08-05	2019-08-05
2019-08-10	2019-08-10
2019-08-13	2019-08-13
2019-08-15	2019-08-15
2019-08-18	2019-08-18
2019-08-20	2019-08-20
2019-08-21	2019-08-21
2019-08-23	2019-08-23
2019-08-25	2019-08-25
2019-08-26	2019-08-26
2019-08-28	2019-08-28
2019-08-29	2019-08-29
2019-08-30	2019-08-30
2019-09-01	2019-09-01
2019-09-03	2019-09-03
2019-09-04	2019-09-04
2019-09-05	2019-09-05
2019-09-06	2019-09-06

DATE3B: end harvest

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
1900-01-01	1900-01-01
2019-06-10	2019-06-10
2019-06-15	2019-06-15
2019-06-23	2019-06-23
2019-06-29	2019-06-29

2019-06-30	2019-06-30
2019-07-17	2019-07-17
2019-07-20	2019-07-20
2019-07-22	2019-07-22
2019-07-24	2019-07-24
2019-07-25	2019-07-25
2019-07-26	2019-07-26
2019-07-27	2019-07-27
2019-07-28	2019-07-28
2019-08-10	2019-08-10
2019-08-14	2019-08-14
2019-08-15	2019-08-15
2019-08-18	2019-08-18
2019-08-20	2019-08-20
2019-08-23	2019-08-23
2019-08-24	2019-08-24
2019-08-25	2019-08-25
2019-08-27	2019-08-27
2019-08-29	2019-08-29
2019-08-30	2019-08-30
2019-09-02	2019-09-02
2019-09-03	2019-09-03
2019-09-04	2019-09-04
2019-09-05	2019-09-05
2019-09-07	2019-09-07
2019-09-08	2019-09-08
2019-09-09	2019-09-09
2019-09-25	2019-09-25

HARVESTYEAR: Data collection wave

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 2014 - 2019 Format: Numeric

Q215: Q215. When did the first field preparation start for cauliflower?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
2013-04-15	2013-04-15
2013-09-01	2013-09-01
2013-10-01	2013-10-01
2013-11-01	2013-11-01
2013-11-30	2013-11-30
2013-12-15	2013-12-15
2014-01-01	2014-01-01
2014-01-03	2014-01-03
2014-01-10	2014-01-10
2014-01-15	2014-01-15
2014-01-30	2014-01-30
2014-02-01	2014-02-01
2014-02-03	2014-02-03
2014-02-05	2014-02-05
2014-02-10	2014-02-10
2014-02-14	2014-02-14
2014-02-15	2014-02-15
2014-02-27	2014-02-27
2014-02-28	2014-02-28
2014-03-01	2014-03-01
2014-03-02	2014-03-02
2014-03-03	2014-03-03
2014-03-04	2014-03-04
2014-03-10	2014-03-10
2014-03-15	2014-03-15
2014-03-20	2014-03-20
2014-03-30	2014-03-30
2014-04-01	2014-04-01
2014-04-03	2014-04-03
2014-04-04	2014-04-04
2014-04-05	2014-04-05
2014-04-06	2014-04-06

2014-04-07	2014-04-07
2014-04-12	2014-04-12
2014-04-14	2014-04-14
2014-04-15	2014-04-15
2014-04-16	2014-04-16
2014-04-20	2014-04-20
2014-04-21	2014-04-21
2014-04-30	2014-04-30
2014-05-01	2014-05-01
2014-05-02	2014-05-02
2014-05-03	2014-05-03
2014-05-05	2014-05-05
2014-05-07	2014-05-07
2014-05-08	2014-05-08
2014-05-10	2014-05-10
2014-05-12	2014-05-12
2014-05-15	2014-05-15
2014-05-20	2014-05-20
2014-05-22	2014-05-22
2014-05-28	2014-05-28
2014-05-30	2014-05-30
2014-06-01	2014-06-01
2014-06-15	2014-06-15
2014-06-16	2014-06-16
2014-07-01	2014-07-01
2014-07-02	2014-07-02
2014-07-03	2014-07-03
2014-07-05	2014-07-05
2014-07-06	2014-07-06
2014-07-15	2014-07-15
2014-07-20	2014-07-20
2014-07-26	2014-07-26
2014-07-27	2014-07-27
2014-07-29	2014-07-29
2014-07-30	2014-07-30
2014-07-31	2014-07-31
2014-08-01	2014-08-01
2014-08-03	2014-08-03
2014-08-10	2014-08-10

2014-08-13	2014-08-13
2014-08-15	2014-08-15
2014-08-20	2014-08-20
2014-08-25	2014-08-25
2014-08-30	2014-08-30
2014-09-03	2014-09-03

Q218: Q218. When have the young plants been planted for cauliflower?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
2013-09-15	2013-09-15
2013-10-01	2013-10-01
2013-10-15	2013-10-15
2014-02-01	2014-02-01
2014-02-14	2014-02-14
2014-02-28	2014-02-28
2014-03-01	2014-03-01
2014-03-03	2014-03-03
2014-03-15	2014-03-15
2014-03-30	2014-03-30
2014-04-01	2014-04-01
2014-04-02	2014-04-02
2014-04-10	2014-04-10
2014-04-12	2014-04-12
2014-04-15	2014-04-15
2014-04-21	2014-04-21
2014-04-28	2014-04-28
2014-04-30	2014-04-30
2014-05-01	2014-05-01
2014-05-02	2014-05-02
2014-05-03	2014-05-03

2014-05-04	2014-05-04
2014-05-05	2014-05-05
2014-05-06	2014-05-06
2014-05-12	2014-05-12
2014-05-13	2014-05-13
2014-05-15	2014-05-15
2014-05-16	2014-05-16
2014-05-19	2014-05-19
2014-05-20	2014-05-20
2014-05-29	2014-05-29
2014-05-30	2014-05-30
2014-06-01	2014-06-01
2014-06-15	2014-06-15
2014-06-18	2014-06-18
2014-06-20	2014-06-20
2014-06-30	2014-06-30
2014-07-01	2014-07-01
2014-07-03	2014-07-03
2014-07-05	2014-07-05
2014-07-12	2014-07-12
2014-07-15	2014-07-15
2014-07-25	2014-07-25
2014-07-30	2014-07-30
2014-07-31	2014-07-31
2014-08-01	2014-08-01
2014-08-03	2014-08-03
2014-08-05	2014-08-05
2014-08-10	2014-08-10
2014-08-15	2014-08-15
2014-08-20	2014-08-20
2014-08-25	2014-08-25
2014-08-29	2014-08-29
2014-08-30	2014-08-30
2014-08-31	2014-08-31
2014-09-01	2014-09-01
2014-09-02	2014-09-02
2014-09-03	2014-09-03
2014-09-20	2014-09-20

Q4000_1: q4000_1. To whom do you sell your yield - I sell it on the local market**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q4000_2: q4000_2. To whom do you sell your yield - I sell it to a trader**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q4000_3: q4000_3. To whom do you sell your yield - I sell it to a wholesaler**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned

2	mentioned
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Q4000_4: q4000_4. To whom do you sell your yield - I sell it to a feed processing plant

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q4000_5: q4000_5. To whom do you sell your yield - I sell it to a cooperative I am part of

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q4000_6: q4000_6. To whom do you sell your yield -I sell it under a contract

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
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1	not mentioned
2	mentioned

Q4000_96: q4000_96. To whom do you sell your yield -Other. Specify 1:

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q4000_OTH1: Q4000b. Can you please tell us what are your main sources for selling the harvest? Other. Specify 1

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
feed livestock	feed livestock
feeding livestock	feeding livestock
feeding own livestock	feeding own livestock
feeding own livestock.	feeding own livestock.
i replanted	i replanted
keep seeds	keep seeds

Q389_1: q389_1. Which water source has been used for irrigation? Private connection to pipeline

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q389_2: q389_2. Which water source has been used for irrigation? Private well

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q389_3: q389_3. Which water source has been used for irrigation? Private borehole

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q389_4: q389_4. Which water source has been used for irrigation? Public river, stream**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q389_5: q389_5. Which water source has been used for irrigation? Public lake, pond**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q389_6: q389_6. Which water source has been used for irrigation? Rainwater in a tank**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q399: Q399. Please explain why you follow or do not follow the crop program and/or recommendations.

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
AS PART OF SYNGENTA PROGRAME I HAD TO ENSURE I FOLLOW FOR BETTER YIELDS,AS A DEMO-FARM AN OBLIGATION TO FOLLOW THE PROTOCOL	AS PART OF SYNGENTA PROGRAME I HAD TO ENSURE I FOLLOW FOR BETTER YIELDS,AS A DEMO-FARM AN OBLIGATION TO FOLLOW THE PROTOCOL
BECAUSE I INTEND TO ACHIEVE THE BEST YIELD IN MY FARM	BECAUSE I INTEND TO ACHIEVE THE BEST YIELD IN MY FARM
HOW TO GET THE BEST YIELD,PRODUCE QUALITY TOMATOES	HOW TO GET THE BEST YIELD,PRODUCE QUALITY TOMATOES
I was trained so that i get more yield after training	I was trained so that i get more yield after training
It has helped increase my yields	It has helped increase my yields
Maximize the output,good quality	Maximize the output,good quality
Sygenta represantive is not consisted in his visits. Theres no proper schedule to follow	Sygenta represantive is not consisted in his visits. Theres no proper schedule to follow
To improve my seasonal yield and reduce loses arising from diseases	To improve my seasonal yield and reduce loses arising from diseases
To improve my seasonal yield and reduce loses arising from preventablediseases	To improve my seasonal yield and reduce loses arising from preventablediseases
To meet the required standards for seed quality ,better market and increased yields	To meet the required standards for seed quality ,better market and increased yields
beacause i thought it was a better plan and i wanted higher yield	beacause i thought it was a better plan and i wanted higher yield
because have seen the results come true by getting better yields compared to before.	because have seen the results come true by getting better yields compared to before.
because i think it can be helpful informs of achieving good yield	because i think it can be helpful informs of achieving good yield
because i think it will help me achieve good yield	because i think it will help me achieve good yield
because i want to achieve my goal by getting high yields from my farm.	because i want to achieve my goal by getting high yields from my farm.
because i want to be an expert in farming sector	because i want to be an expert in farming sector
because it is recommended by the experts of agriculture.	because it is recommended by the experts of agriculture.
because the knowledge is important in farming and as farmer i must follow completely to achieve high yields	because the knowledge is important in farming and as farmer i must follow completely to achieve high yields
because the output is normally good when i follow the protocol	because the output is normally good when i follow the protocol

best protocol for good growth hence high yield.	best protocol for good growth hence high yield.
bounty fields in the areas i follows the protocol	bounty fields in the areas i follows the protocol
by following the program, my potatoes have never been infected by insecticide or blight	by following the program, my potatoes have never been infected by insecticide or blight
can't get some crop protection products like ridomill 100g	can't get some crop protection products like ridomill 100g
cant say	cant say
crop protection products prescribed are good and help farmers increase their yields	crop protection products prescribed are good and help farmers increase their yields
crop protection products recommended are very effective	crop protection products recommended are very effective
does better than the area i dont follow	does better than the area i dont follow
get exprience of farmers and best products from syngenta	get exprience of farmers and best products from syngenta
good protocal leading to high yield production	good protocal leading to high yield production
good protocol from syngena with high yield production.	good protocol from syngena with high yield production.
good protocol leading to high yield production	good protocol leading to high yield production
good protocol which results to high yield production	good protocol which results to high yield production
has alot of procedures on how to treat potato and i feel its difficult for me	has alot of procedures on how to treat potato and i feel its difficult for me
help me manage my crops	help me manage my crops
helps manage the crops	helps manage the crops
helps me to learn how to prepare the shamba and their chemical since the crop program comes experiment on my shamba	helps me to learn how to prepare the shamba and their chemical since the crop program comes experiment on my shamba
high profits	high profits
i always follow because this will helpme get good and high yield	i always follow because this will helpme get good and high yield
i always have a good guarantee to achieve more in terms of yield and cost effectiveness	i always have a good guarantee to achieve more in terms of yield and cost effectiveness
i didnt have enough cash to buy all the required chemicals	i didnt have enough cash to buy all the required chemicals
i follow it completely because i have gotten good yields before	i follow it completely because i have gotten good yields before
i follow it partially since i saw it can help in increasing my yields	i follow it partially since i saw it can help in increasing my yields
i follow so as to increase my potato yield	i follow so as to increase my potato yield
i follow the protocol completely because it enables me not to overlook any crop protection or fertilizer or manure application	i follow the protocol completely because it enables me not to overlook any crop protection or fertilizer or manure application
i follow them because they sound nice and will help me improve my yields	i follow them because they sound nice and will help me improve my yields
i follow to produce high quality,quantities of potato	i follow to produce high quality,quantities of potato
i follow to produce high quality,quantity of potato	i follow to produce high quality,quantity of potato
i have attained good results	i have attained good results
i have never gotten conviction to follow on them totally	i have never gotten conviction to follow on them totally
i usually follow the recommendations in order to get better results	i usually follow the recommendations in order to get better results
i want to do well in farming,so i follow the protocol	i want to do well in farming,so i follow the protocol

i wanted see if there is any difference to what i usually do.	i wanted see if there is any difference to what i usually do.
i wanted to try it and see if it will change my farming experience and have a new development	i wanted to try it and see if it will change my farming experience and have a new development
impressive results and better yields	impressive results and better yields
improve in crops	improve in crops
in order to do professional farming for better yield and therefore good income.	in order to do professional farming for better yield and therefore good income.
increase productivity	increase productivity
it enables me not to overlook any crop protection or fertilizer/manure application	it enables me not to overlook any crop protection or fertilizer/manure application
it has alot of procedures which i cant easily follow	it has alot of procedures which i cant easily follow
it has been so helpful for these years for who follow them	it has been so helpful for these years for who follow them
it has helped me improve on field management	it has helped me improve on field management
it help me to control pest in the farm	it help me to control pest in the farm
it helped improve yield	it helped improve yield
it helps to increase the yield	it helps to increase the yield
it helps to maximize my farm output	it helps to maximize my farm output
it is a good guide for farming	it is a good guide for farming
its about how to apply pest control products in a required way and soil conservation	its about how to apply pest control products in a required way and soil conservation
its fully beneficial to me and helped me harvest high yields and learn more aspects on farming	its fully beneficial to me and helped me harvest high yields and learn more aspects on farming
just to get a rough estimate guide	just to get a rough estimate guide
maximize profit,reduce soil erosion	maximize profit,reduce soil erosion
maximum yield from farm	maximum yield from farm
no good reason for not following fully	no good reason for not following fully
no much follow up	no much follow up
not intensive interest	not intensive interest
only follow whenever the sygenta hold a workshop with farmers	only follow whenever the sygenta hold a workshop with farmers
produce more yield. to know how to grow healthy crops	produce more yield. to know how to grow healthy crops
since i have different farm in different areas, its hard for me to attend	since i have different farm in different areas, its hard for me to attend
so as to get maximum yield	so as to get maximum yield
so as to improve yield	so as to improve yield
some crop protection products are unavailable	some crop protection products are unavailable
some of the crop protection products are unavailable e.g ridomill 100g	some of the crop protection products are unavailable e.g ridomill 100g
some products didn't work hence used products from other companies	some products didn't work hence used products from other companies
sometime the syngenta agents do not visit frequently to advice on the cpp or such issues. so we wait for long and follow our own ways.	sometime the syngenta agents do not visit frequently to advice on the cpp or such issues. so we wait for long and follow our own ways.
sygenta have not been so regular like before	sygenta have not been so regular like before

syngenta has improved my potato farming. their products have been of good use and marketable	syngenta has improved my potato farming. their products have been of good use and marketable
syngenta has improved my potatoe farming. their products have been of use and marketable	syngenta has improved my potatoe farming. their products have been of use and marketable
the advice are not so regular so i rely on myself	the advice are not so regular so i rely on myself
the amount of rainfall this season prevented me from follwoing the program	the amount of rainfall this season prevented me from follwoing the program
the days they visit it happens being busy so i request they be visiting the farms	the days they visit it happens being busy so i request they be visiting the farms
the growing protocol has helped me in getting better yields	the growing protocol has helped me in getting better yields
the program has benefited me towards good results	the program has benefited me towards good results
the protocol was beneficial they are thought on how they level their land	the protocol was beneficial they are thought on how they level their land
the recommendations are very helpful to my farming career. they are helped me realize high yield	the recommendations are very helpful to my farming career. they are helped me realize high yield
the results are good	the results are good
the results are good after following the program	the results are good after following the program
they are experts and they know what is ok	they are experts and they know what is ok
they do give hand outs and sometime we had our own notes from lectures	they do give hand outs and sometime we had our own notes from lectures
they do help me since am able to prevent some diseases.	they do help me since am able to prevent some diseases.
they don't vist accasionally and also come to specific people	they don't vist accasionally and also come to specific people
they have done research and it was only good to follow advice	they have done research and it was only good to follow advice
they have good programmes that when followed the yield is always high.	they have good programmes that when followed the yield is always high.
they have the best protocol leading to high yield production	they have the best protocol leading to high yield production
this has helped in gaining more knowledge of potatoe plantation and other products and also get more exprience with different farmers	this has helped in gaining more knowledge of potatoe plantation and other products and also get more exprience with different farmers
this program gives me expert advice on which fertilizers/pesticides to apply and when	this program gives me expert advice on which fertilizers/pesticides to apply and when
this program has given me expert advice onmany areas including recommending to me with the required crop protection products for my potatoes	this program has given me expert advice onmany areas including recommending to me with the required crop protection products for my potatoes
this season i delegated most of the duties since i was handling other matters so next time i will follow it	this season i delegated most of the duties since i was handling other matters so next time i will follow it
this season i did not use it strictly. i am planning to use it when i rotate to a new portion.	this season i did not use it strictly. i am planning to use it when i rotate to a new portion.
to cushion the yields from dropping	to cushion the yields from dropping
to get mamimum yields from farm	to get mamimum yields from farm
to get maximum yields from farm	to get maximum yields from farm
to get more knowledge about chemicals and how they function	to get more knowledge about chemicals and how they function
to get proper yields from farm	to get proper yields from farm
to help increase productivity,to maximize profit,prevent soil erosion	to help increase productivity,to maximize profit,prevent soil erosion

to improve my yields	to improve my yields
to improve the crop performance	to improve the crop performance
to improve the quality of fields	to improve the quality of fields
to improve the yield for maximum profitability	to improve the yield for maximum profitability
to increase my farm yield	to increase my farm yield
to increase production	to increase production
to is good since it improves my overall yield whenever i stick to the recommended protocol from the trainers.	to is good since it improves my overall yield whenever i stick to the recommended protocol from the trainers.
to know different tacktacks to use on my growing area	to know different tacktacks to use on my growing area
to know different types of methods to use on my growing area	to know different types of methods to use on my growing area
to manage the crop well and increase productivity	to manage the crop well and increase productivity
to maximise production.to reduce incidence of pest and diseases.to produce safe tomatoes for consumption	to maximise production.to reduce incidence of pest and diseases.to produce safe tomatoes for consumption
to optimize the crop performance at an economical price	to optimize the crop performance at an economical price
too busy in the farm since its a busy farm but a representative from syngenta pays a visit in my farm occassionally	too busy in the farm since its a busy farm but a representative from syngenta pays a visit in my farm occassionally
trials of wheat variety, to sort out problems with germination, to understand the effective usage of fertilizers	trials of wheat variety, to sort out problems with germination, to understand the effective usage of fertilizers
want to keep a good standard in the process of production	want to keep a good standard in the process of production

Q397: Q397. Received a recommended growing protocol or crop program from an agricultural advisor?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q397B_OTH1: Q397B. From whom did you receive the protocol/crop program? Other 1

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
ministry of agriculture	ministry of agriculture

Q397B_OTH2: Q397B. From whom did you receive the protocol/crop program? Other 2

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
parastatal(kari)	parastatal(kari)

Q397C: Q397C. Did you receive a protocol/crop program from Syngenta?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q397D_OTH: Q397.D. From which manufacturer have you received a protocol/crop program? OTHER

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q35A_1: Q35.A. What group/association/cooperative are a member of? 1ST

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
Agriculture association, Ahnasya Almadin center	Agriculture association, Ahnasya Almadin center
Alumasi self help group	Alumasi self help group
Barley growers association	Barley growers association
Bayer medium cereal growers association	Bayer medium cereal growers association
Bines self help group	Bines self help group
Breeders society of kenya	Breeders society of kenya
C.G.A-cereals growers association	C.G.A-cereals growers association
CFA (commnity farmers association)	CFA (commnity farmers association)
Capital sacco	Capital sacco
Coffee growers cooperative society	Coffee growers cooperative society
Cosmopolitan sacco	Cosmopolitan sacco
Green growers association	Green growers association
Imani welfare group	Imani welfare group
Karionga jikaze group-treasurer	Karionga jikaze group-treasurer
Kipkebe dairy goat association	Kipkebe dairy goat association
Mau narok agape co-operative sacco	Mau narok agape co-operative sacco
Mau narok rural farmers sacco	Mau narok rural farmers sacco
Meru central	Meru central
Merwaimani welfare group	Merwaimani welfare group
Metro sacco	Metro sacco
Mirangine dairy cooperative society	Mirangine dairy cooperative society
Mogombet techgaa youth group	Mogombet techgaa youth group

Moiben Co-op society	Moiben Co-op society
Moro farmers cooperative	Moro farmers cooperative
Mwehoko self help group	Mwehoko self help group
Njoro farde self help group	Njoro farde self help group
Tuinuane self help group	Tuinuane self help group
cant remember	cant remember
enangan	enangan
green vision	green vision
ishamba	ishamba
isiolo tomato growers association.	isiolo tomato growers association.
milimani agronoist	milimani agronoist
milimani agronomist	milimani agronomist
mirangine self help	mirangine self help
new molo farmers co-operative society	new molo farmers co-operative society
new molo potato co-operative	new molo potato co-operative
penura food	penura food
peruna foods	peruna foods
riwa youth group	riwa youth group
rumwe farmers cooperative society	rumwe farmers cooperative society
syngenta nairobi farm group	syngenta nairobi farm group
tunza afya ya jamii south group	tunza afya ya jamii south group
tunza afya ya jamii yako	tunza afya ya jamii yako
ushirika	ushirika
wanjohi cooperative society.	wanjohi cooperative society.

Q35A_2: Q35.A. What group/association/cooperative are a member of? 2ND

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
Bines self help group	Bines self help group
Cereal growers association	Cereal growers association
Cheptum Farmers Society	Cheptum Farmers Society

Green growers association	Green growers association
Mogombet techgaa youth group	Mogombet techgaa youth group
Namea; (club of wheat farmers) association	Namea; (club of wheat farmers) association
Njoro farde self help group	Njoro farde self help group
green vision	green vision
kifadak(kitengela)	kifadak(kitengela)
oljorok potato growers	oljorok potato growers

Q35A_3: Q35.A. What group/association/cooperative are a member of? 3RD

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
Mwehoko self help group	Mwehoko self help group

Q58: Q58. In general, what is the topography of your growing area?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	flat
2	gentle slope
3	steep slope
4	hilly
5	valley

Q230_1: Bought seeds**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned
3	other

Q230_2: Saved seeds**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned
3	other

Q327: Q327. Please indicate the number of harvests/pickings per year for tomatoes/peppers?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 1 - 16 Format: Numeric

Q302: Q302. What is the percentage of decay for potato?**Data file:** Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 25 Format: Numeric

Q303: Q303. What is the percentage of shrink loss for potato?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 30 Format: Numeric

Q4001: Q4001. % of crop lost in-between harvest and storage or selling ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 25 Format: Numeric

Q152: Q152. Are grown in an active greenhouse or a passive greenhouse?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	active greenhouse
2	passive greenhouse

Q147: Q147. When have the young plants been planted ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
1900-01-01	1900-01-01
2013-09-15	2013-09-15
2013-10-01	2013-10-01
2013-10-15	2013-10-15
2014-02-01	2014-02-01
2014-02-14	2014-02-14
2014-02-28	2014-02-28
2014-03-01	2014-03-01
2014-03-03	2014-03-03
2014-03-15	2014-03-15
2014-03-30	2014-03-30
2014-04-01	2014-04-01
2014-04-02	2014-04-02
2014-04-10	2014-04-10
2014-04-12	2014-04-12
2014-04-15	2014-04-15
2014-04-21	2014-04-21
2014-04-28	2014-04-28
2014-04-30	2014-04-30
2014-05-01	2014-05-01
2014-05-02	2014-05-02
2014-05-03	2014-05-03
2014-05-04	2014-05-04
2014-05-05	2014-05-05
2014-05-06	2014-05-06
2014-05-12	2014-05-12
2014-05-13	2014-05-13
2014-05-15	2014-05-15
2014-05-16	2014-05-16
2014-05-19	2014-05-19
2014-05-20	2014-05-20
2014-05-29	2014-05-29
2014-05-30	2014-05-30
2014-06-01	2014-06-01
2014-06-15	2014-06-15
2014-06-18	2014-06-18
2014-06-20	2014-06-20

2014-06-30	2014-06-30
2014-07-01	2014-07-01
2014-07-03	2014-07-03
2014-07-05	2014-07-05
2014-07-12	2014-07-12
2014-07-15	2014-07-15
2014-07-25	2014-07-25
2014-07-30	2014-07-30
2014-07-31	2014-07-31
2014-08-01	2014-08-01
2014-08-03	2014-08-03
2014-08-05	2014-08-05
2014-08-10	2014-08-10
2014-08-15	2014-08-15
2014-08-20	2014-08-20
2014-08-25	2014-08-25
2014-08-29	2014-08-29
2014-08-30	2014-08-30
2014-08-31	2014-08-31
2014-09-01	2014-09-01
2014-09-02	2014-09-02
2014-09-03	2014-09-03
2014-09-20	2014-09-20

Q247_1A: Q247. BUYER 1 % of yield

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 10 - 100 Format: Numeric

Q247_2A: Q247. BUYER 2 % of yield

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 5 - 55 Format: Numeric

Q247_3A: Q247. BUYER 3 % of yield**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 5 - 40 Format: Numeric

Q247_4A: Q247. BUYER 4 % of yield**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 15 - 25 Format: Numeric

Q247_5A: Q247. BUYER 5 % of yield**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 5 - 40 Format: Numeric

Q247_1B: Q247. BUYER 1 price per metric ton**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 2500 - 90000 Format: Numeric

Q247_2B: Q247. BUYER 2 price per metric ton**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 3000 - 90000 Format: Numeric

Q247_3B: Q247. BUYER 3 price per metric ton**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 2000 - 26000 Format: Numeric

Q247_4B: Q247. BUYER 4 price per metric ton**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 1500 - 23000 Format: Numeric

Q247_5B: Q247. BUYER 5 price per metric ton**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 7500 - 28000 Format: Numeric

Q301: Q301. What is the starch content per potato? (%)**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 2 - 100 Format: Numeric

HARVESTYEAR: Data collection wave**Data file:** Crop_protection**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 2014 - 2019 Format: Numeric

GROWINGAREA: To which field/plot does the information relate to?**Data file:** Crop_protection**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
A	A
B	B

CLUSTERID: Unique cluster ID**Data file:** Crop_protection**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
KenyaPotato1	KenyaPotato1
KenyaPotato1+2	KenyaPotato1+2
KenyaPotato2	KenyaPotato2
KenyaPotato3	KenyaPotato3
KenyaTomato1	KenyaTomato1
KenyaTomato1+2	KenyaTomato1+2
KenyaTomato2	KenyaTomato2
KenyaWheat1	KenyaWheat1
KenyaWheat2	KenyaWheat2

COUNTRY: Country**Data file: Crop_protection****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
Kenya	Kenya

FARMTYPE: FARMTYPE**Data file: Crop_protection****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
BF	BF
RF	RF

GROWERID: Unique respondent ID**Data file: Crop_protection****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
24102100	24102100
24102200	24102200

24102300	24102300
24103900	24103900
24104100	24104100
24104200	24104200
24104300	24104300
24107500	24107500
24111500	24111500
24111600	24111600
24111700	24111700
24111800	24111800
24111900	24111900
24112000	24112000
24112100	24112100
24112300	24112300
24112400	24112400
24112600	24112600
24112700	24112700
24112800	24112800
24112900	24112900
24113000	24113000
24113100	24113100
24113200	24113200
24113300	24113300
24113400	24113400
24113500	24113500
24113600	24113600
24116100	24116100
24117100	24117100
24117200	24117200
24117300	24117300
24117400	24117400
24117500	24117500
24117600	24117600
24131100	24131100
24140600	24140600
24140700	24140700
24200100	24200100
24200400	24200400
24200500	24200500

24200600	24200600
24200700	24200700
24200900	24200900
24201000	24201000
24201100	24201100
24201200	24201200
24201300	24201300
24201400	24201400
24201500	24201500
24201700	24201700
24201800	24201800
24201900	24201900
24202400	24202400
24202500	24202500
24202600	24202600
24202700	24202700
24202800	24202800
24202900	24202900
24203000	24203000
24203100	24203100
24203200	24203200
24203300	24203300
24203400	24203400
24203500	24203500
24203600	24203600
24203700	24203700
24203800	24203800
24204400	24204400
24204500	24204500
24204800	24204800
24204900	24204900
24205000	24205000
24205100	24205100
24205200	24205200
24205300	24205300
24205500	24205500
24205600	24205600
24205700	24205700
24205800	24205800

24205900	24205900
24206000	24206000
24206200	24206200
24206300	24206300
24206400	24206400
24206500	24206500
24206600	24206600
24206700	24206700
24206800	24206800
24206900	24206900
24207000	24207000
24207100	24207100
24207200	24207200
24207300	24207300
24207600	24207600
24207700	24207700
24207800	24207800
24207900	24207900
24208100	24208100
24208300	24208300
24208400	24208400
24208500	24208500
24208600	24208600
24208700	24208700
24208900	24208900
24209000	24209000
24209100	24209100
24209200	24209200
24209300	24209300
24209400	24209400
24209500	24209500
24209700	24209700
24209900	24209900
24210000	24210000
24210100	24210100
24210200	24210200
24210300	24210300
24210400	24210400
24210500	24210500

24210600	24210600
24210700	24210700
24210800	24210800
24210900	24210900
24211000	24211000
24211100	24211100
24211200	24211200
24211300	24211300
24211400	24211400
24212500	24212500
24213700	24213700
24213800	24213800
24213900	24213900
24214000	24214000
24214100	24214100
24214200	24214200
24214300	24214300
24214400	24214400
24214500	24214500
24214600	24214600
24214700	24214700
24214800	24214800
24214900	24214900
24215000	24215000
24215100	24215100
24215200	24215200
24215300	24215300
24215400	24215400
24215500	24215500
24215600	24215600
24215700	24215700
24215800	24215800
24215900	24215900
24216000	24216000
24216100	24216100
24216200	24216200
24216300	24216300
24216400	24216400
24216500	24216500

24216600	24216600
24216700	24216700
24216800	24216800
24216900	24216900
24217700	24217700
24217800	24217800
24218000	24218000
24218100	24218100
24218200	24218200
24218300	24218300
24218400	24218400
24218500	24218500
24218600	24218600
24218700	24218700
24218800	24218800
24218900	24218900
24219000	24219000
24219100	24219100
24219200	24219200
24219300	24219300
24219400	24219400
24219500	24219500
24219600	24219600
24219700	24219700
24219800	24219800
24219900	24219900
24230000	24230000
24230100	24230100
24230200	24230200
24230300	24230300
24230400	24230400
24230500	24230500
24230600	24230600
24230700	24230700
24230800	24230800
24230900	24230900
24231000	24231000
24240100	24240100
24240200	24240200

24240300	24240300
24240400	24240400
24240500	24240500

PRODUCT: Unique code of a product within application

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
1	1
10	10
11	11
12	12
13	13
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

CROP: The crop of focus

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
-------	----------

Potato	Potato
Tomato	Tomato
Wheat	Wheat

APPLICATION: Unique code of an application per field per grower

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
1	1
10	10
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

Q241A: Q241 a. Timing of product application

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
2013-08-30	2013-08-30
2013-09-12	2013-09-12
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Q241B: Q241 b.Type of product

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 7 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Herbicide
2	Insecticide
3	Fungicide
4	Plant growth regulator, harvest aids,adjuvants

5	Nematicides, molluscicides
6	Miticides, acaricides
7	Rodenticides

Q241C: Q241 c . Brand product name

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q241C1: Q241 c1. Brand product formulation

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

C241C: CODED VARIABLE - stringcode

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
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confidential

confidential

C241CA1: CODED VARIABLE - active ingredient1**Data file: Crop_protection****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
ABAMECTIN (AVERMECTIN B)	ABAMECTIN (AVERMECTIN B)
ACETAMIPRID	ACETAMIPRID
ALPHA-CYPERMETHRIN	ALPHA-CYPERMETHRIN
AMIDOSZULFURON	AMIDOSZULFURON
AMINO ACIDS	AMINO ACIDS
ASCOPHYLLUM NODUSOM EXTRACT	ASCOPHYLLUM NODUSOM EXTRACT
ATRAZINE	ATRAZINE
AZADIRACHTIN (NEEM-TREE-SEEDS-DERIV.)	AZADIRACHTIN (NEEM-TREE-SEEDS-DERIV.)
AZOXYSTROBIN	AZOXYSTROBIN
BENALAXYL	BENALAXYL
BETA-CYFLUTHRIN	BETA-CYFLUTHRIN
BIFENTRIN	BIFENTRIN
BORON	BORON
BRODIFACUUM	BRODIFACUUM
BROMOXINIL OTTANOATO	BROMOXINIL OTTANOATO
CARBENDAZIM	CARBENDAZIM
CHLORANTRANILIPROLE	CHLORANTRANILIPROLE
CHLOREPYROPHOS	CHLOREPYROPHOS
CHLOROTHALONIL	CHLOROTHALONIL
CLODINAFOB-PROPARGYL	CLODINAFOB-PROPARGYL
CLOPYRALID*	CLOPYRALID*
CLOQUINTOCET-MEXYL	CLOQUINTOCET-MEXYL
COPPER SALTS OF FATTY AND ROSIN ACIDS	COPPER SALTS OF FATTY AND ROSIN ACIDS
COPPER-OXYCHLORIDE	COPPER-OXYCHLORIDE
CU-OXYCHLORIDE	CU-OXYCHLORIDE
CYMOXANYLE	CYMOXANYLE

CYPERMETHRIN	CYPERMETHRIN
DELTAMETHRIN	DELTAMETHRIN
DIAFENTHIURON	DIAFENTHIURON
DIFENOCONAZOLE	DIFENOCONAZOLE
DIMETHOATE	DIMETHOATE
DIMETHOMORPH	DIMETHOMORPH
DITHIANON	DITHIANON
Do not know	Do not know
EMAMECTIN	EMAMECTIN
EMAMECTIN BENZOATE	EMAMECTIN BENZOATE
ETHEFON	ETHEFON
FENOXAPROP-P-ETHYL	FENOXAPROP-P-ETHYL
FLORASULAM	FLORASULAM
FLUBENDIAMIDE	FLUBENDIAMIDE
FLUFENACET	FLUFENACET
FLUROXYPYR	FLUROXYPYR
FOMESAFEN	FOMESAFEN
FOSETYL-AL	FOSETYL-AL
GLYPHOSATE	GLYPHOSATE
IMIDACLOPRID	IMIDACLOPRID
INDOXACARB	INDOXACARB
IODOSULFURON-M	IODOSULFURON-M
LAMBDA CYHALOTHRIN	LAMBDA CYHALOTHRIN
LUFENURON	LUFENURON
MALATHION (MALDISON)(MERCAPTOTHION)	MALATHION (MALDISON)(MERCAPTOTHION)
MANCOZEB (VONDOZEB)	MANCOZEB (VONDOZEB)
MANDIPROPAMID	MANDIPROPAMID
MESOSULFURON METHYL	MESOSULFURON METHYL
METALAXIL	METALAXIL
METALAXIL-M	METALAXIL-M
METHYL-BROMIDE (BROMOMETHANE)	METHYL-BROMIDE (BROMOMETHANE)
METRIBUZIN	METRIBUZIN
NONYLPHENOXY POLYETHOXY ETHANOL	NONYLPHENOXY POLYETHOXY ETHANOL
PARAQUAT DICHLORIDE	PARAQUAT DICHLORIDE
PENDIMETHALIN	PENDIMETHALIN
PHOSTHAZATE	PHOSTHAZATE
PIPERONYL BUTOXIDE	PIPERONYL BUTOXIDE
PROFENOFOS	PROFENOFOS
PROPINEB	PROPINEB

PROPOXICARBAZONE-SODIUM	PROPOXICARBAZONE-SODIUM
QUARTZ	QUARTZ
S-METOLACHLOR	S-METOLACHLOR
SPIROMESIFEN	SPIROMESIFEN
SULPHUR	SULPHUR
TEBUCONAZOLE	TEBUCONAZOLE
THIAMETHOXAM	THIAMETHOXAM
THIOCYCLAM-HYDROGEN-OXALATE (THIOCYCLAM)	THIOCYCLAM-HYDROGEN-OXALATE (THIOCYCLAM)
TRIASULFURON	TRIASULFURON
TRIFLOXYSTROBINE	TRIFLOXYSTROBINE

C241CP1: CODED VARIABLE - amount of ai1

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0.005 - 960 Format: Numeric

C241CU1: CODED VARIABLE - unit (% or Gr)

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	g/l
2	percent

C241CA2: CODED VARIABLE - active ingredient2

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
ABAMECTIN (AVERMECTIN B)	ABAMECTIN (AVERMECTIN B)
BETA-CYFLUTHRIN	BETA-CYFLUTHRIN
CHLOREPYROPHOS	CHLOREPYROPHOS
CLOPYRALID*	CLOPYRALID*
CLOQUINTOCET-MEXYL	CLOQUINTOCET-MEXYL
CYMOXANYLE	CYMOXANYLE
CYPERMETHRIN	CYPERMETHRIN
DIFENOCONAZOLE	DIFENOCONAZOLE
FLUMETSULAM	FLUMETSULAM
FLUROXYPYR	FLUROXYPYR
IMIDACLOPRID	IMIDACLOPRID
IODOSULFURON-M	IODOSULFURON-M
JODOSZULFURON	JODOSZULFURON
LAMBDA CYHALOTHRIN	LAMBDA CYHALOTHRIN
MANCOZEB (VONDOZEB)	MANCOZEB (VONDOZEB)
MCPA	MCPA
MESOSULFURON METHYL	MESOSULFURON METHYL
METALAXIL	METALAXIL
METALAXIL-M	METALAXIL-M
PINOXADEN	PINOXADEN
PROPICONAZOLE	PROPICONAZOLE
PYRETHRINS	PYRETHRINS
QUARTZ	QUARTZ
SPIROTETRAMAT	SPIROTETRAMAT
TEBUCONAZOLE	TEBUCONAZOLE
THIAMETHOXAM	THIAMETHOXAM
TRIADIMEFON	TRIADIMEFON
TRIADIMENOL	TRIADIMENOL
TRIFLOXYSTROBINE	TRIFLOXYSTROBINE

C241CP2: CODED VARIABLE - amount of ai2

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 3 - 500 Format: Numeric

C241CA3: CODED VARIABLE - active ingredient3

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0
 Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
MCPA	MCPA
MEFENPIR-DIETIL	MEFENPIR-DIETIL

C241CP3: CODED VARIABLE - amount of ai3

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0
 Type: Continuous Decimal: 0 Width: 10 Range: 2 - 266.7 Format: Numeric

C241CPT: CODED VARIABLE - total amount of ai

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0
 Type: Continuous Decimal: 0 Width: 10 Range: 2.5 - 800 Format: Numeric

Q241D: CODED VARIABLE Q241 d. Dosage ?

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0
 Type: Continuous Decimal: 0 Width: 10 Range: 0.14 - 30000 Format: Numeric

Q241E: CODED VARIABLE Q241 e. Unit of quantity

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	MILLILITER/HECT
2	GRAM/HECT

Q241F: Q241 f. Amount of H2O solved in LITERS per

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 5000 Format: Numeric

Q241G: Q241 g. Pest/disease/ weed targeted ?

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
-1	-1
99	99
absoluta	absoluta
adjuvant	adjuvant
adjuvants	adjuvants
adsyvant	adsyvant
aflix	aflix
all weeds	all weeds
amaranthus	amaranthus
amphid catepillars	amphid catepillars
amphids	amphids
ampid	ampid

antracnose	antracnose
aphid	aphid
aphids	aphids
aphids & rust	aphids & rust
aphids ; cutworms	aphids ; cutworms
aphids ; whiteflies	aphids ; whiteflies
aphids insects caterpillar	aphids insects caterpillar
aphids thrips caterpillars	aphids thrips caterpillars
aphids white flies thrips	aphids white flies thrips
aphids worms	aphids worms
aphids; white flies	aphids; white flies
aphids;cutworms	aphids;cutworms
aphids;cutworms;white flies	aphids;cutworms;white flies
aphids;leaf miners	aphids;leaf miners
aphids;thrip	aphids;thrip
aphids;whitefly;cutworms	aphids;whitefly;cutworms
arphids	arphids
arust	arust
bactaria eg rust	bactaria eg rust
bacterial disease	bacterial disease
ballworm;tuta leaf minor	ballworm;tuta leaf minor
ballworms; tuta	ballworms; tuta
beetle	beetle
bilam	bilam
black jack	black jack
black mites	black mites
black spots	black spots
blight	blight
blight & amphids	blight & amphids
blight ; leaf spots	blight ; leaf spots
blight grey mould	blight grey mould
blight;rust	blight;rust
blights	blights
booster	booster
braad leaves	braad leaves
broad leaf	broad leaf
broad leaf & grass weed	broad leaf & grass weed
broad leaf & grass weeds	broad leaf & grass weeds
broad leaves	broad leaves

broad leaves;grass	broad leaves;grass
broadleaf	broadleaf
broadleaves	broadleaves
cartepillar	cartepillar
cartepiller	cartepiller
catapiller	catapiller
caterpilars	caterpilars
caterpillar	caterpillar
caterpillar aphids	caterpillar aphids
caterpillar tutor	caterpillar tutor
caterpillar warms	caterpillar warms
caterpillars	caterpillars
caterpillar	caterpillar
caterpillers	caterpillers
catterpillar	catterpillar
catterpillar	catterpillar
catworm	catworm
catworms	catworms
centipedes	centipedes
change	change
chong'e	chong'e
coach grass	coach grass
cold	cold
coldness	coldness
control of grass	control of grass
crop protection	crop protection
cut worm white	cut worm white
cut worm white flies	cut worm white flies
cut worms	cut worms
cut wworms	cut wworms
cutting pests	cutting pests
cutting worm	cutting worm
cutworm	cutworm
cutworms	cutworms
cutworms ; whiteflies	cutworms ; whiteflies
cutworms white flies	cutworms white flies
cutworms;tuta aphids ; leaf minors	cutworms;tuta aphids ; leaf minors
disease	disease
diseases	diseases

don't know	don't know
down middew	down middew
downy mildaw powder	downy mildaw powder
downy mildew	downy mildew
dumping off disease insects	dumping off disease insects
early ; late blight	early ; late blight
early blight	early blight
early blight; late blight	early blight; late blight
earlybird	earlybird
flies	flies
flies ; black ants	flies ; black ants
frost	frost
frost ; bacteria	frost ; bacteria
frost; ampids	frost; ampids
fruit fly	fruit fly
fruit worm	fruit worm
fruiting	fruiting
fungal disease	fungal disease
fungal diseases	fungal diseases
fungal infection	fungal infection
fungal infections	fungal infections
fungi	fungi
fungi;pests	fungi;pests
fungus	fungus
gakaraku	gakaraku
grass	grass
grass weed	grass weed
grass weed & broadleaf	grass weed & broadleaf
grass weeds	grass weeds
grasses	grasses
grasshopper	grasshopper
growth	growth
growth booster	growth booster
growth boosters	growth boosters
growth regulator	growth regulator
herbicides	herbicides
herbs	herbs
insect	insect
insecticide	insecticide

insects	insects
insects thrips	insects thrips
late blight	late blight
lateblight	lateblight
leaf & stem rust	leaf & stem rust
leaf blight	leaf blight
leaf miners	leaf miners
leaf minor; tuta absolution; white fly	leaf minor; tuta absolution; white fly
leaf rust	leaf rust
leaf rust & stem rust	leaf rust & stem rust
leaf spot botricis	leaf spot botricis
leaf spots	leaf spots
leaf-rust	leaf-rust
leafrust	leafrust
mathane	mathane
matharu	matharu
mildew	mildew
mildraw	mildraw
millepedes	millepedes
mites	mites
mites black	mites black
mites; thrips	mites; thrips
moth	moth
moths	moths
n;a	n;a
needsstar grass	needsstar grass
nematodes	nematodes
nematods	nematods
overall crop protection	overall crop protection
overall protect	overall protect
peruvian leaf miner	peruvian leaf miner
pest	pest
pest ;disease	pest ;disease
pest disease	pest disease
pest-cutworm white flies	pest-cutworm white flies
pest;diseases	pest;diseases
pestmites	pestmites
pests	pests
pests;disease	pests;disease

plant boosters	plant boosters
plant booster	plant booster
plant growth	plant growth
potato blight	potato blight
potato blite	potato blite
powdery	powdery
powdery mildew	powdery mildew
powdery mildews	powdery mildews
powerdery	powerdery
preemergence	preemergence
prochelen	prochelen
protection	protection
protection against fungi;thrimp	protection against fungi;thrimp
pygrass	pygrass
red spider mites	red spider mites
regulator	regulator
retardation	retardation
rst;lead	rst;lead
rust	rust
rust ;worms	rust ;worms
rust; fungus	rust; fungus
rust;head	rust;head
rygrass	rygrass
sanghi weeds	sanghi weeds
soil pest	soil pest
spider	spider
spots	spots
stem rust	stem rust
stem rust; leaf rust	stem rust; leaf rust
stem rust;pests	stem rust;pests
sucking chewing insecticide nematodes	sucking chewing insecticide nematodes
termites	termites
thawani	thawani
thawavi	thawavi
thingi	thingi
thrips	thrips
thrips aphids	thrips aphids
thrips aphids white flies	thrips aphids white flies
thrips caterpillars	thrips caterpillars

thrips white	thrips white
thrips; caterpillars	thrips; caterpillars
thrips; white fly	thrips; white fly
tuba moth	tuba moth
tuta	tuta
tuta absoluta	tuta absoluta
tuta absoluta;spider mites;thrips	tuta absoluta;spider mites;thrips
tuta absolution; caterpillars; aphids	tuta absolution; caterpillars; aphids
tuta;caterpillar;aphids ; white flies	tuta;caterpillar;aphids ; white flies
tuta;leaf minor	tuta;leaf minor
tutor	tutor
tworms 2	tworms 2
ume	ume
weed	weed
weed targeted	weed targeted
weeds	weeds
wet flies	wet flies
wet fly	wet fly
wetflies	wetflies
wheat rust	wheat rust
wheat rust;stem	wheat rust;stem
whileflies cutworms	whileflies cutworms
whit flies;thrips ; spider mites	whit flies;thrips ; spider mites
white flies	white flies
white flies tuta	white flies tuta
white flies; amphids	white flies; amphids
white flies;thrips	white flies;thrips
white flies;thrips ; spider mites	white flies;thrips ; spider mites
white flies;thrips ; tuta	white flies;thrips ; tuta
white fly	white fly
white fly & aphids	white fly & aphids
white fly; cutworm	white fly; cutworm
white fly; tutor; absolution	white fly; tutor; absolution
white fly aphids	white fly aphids
white lies; thrips	white lies; thrips
whiteflies	whiteflies
whiteflies ; aphids	whiteflies ; aphids
whiteflies;caterpillars	whiteflies;caterpillars
whitefly	whitefly

wiid grass	wiid grass
wild grass	wild grass
wild oat	wild oat
wilt	wilt
worm	worm
worms	worms
worms; aphids	worms; aphids
yellow leaves weeds rust	yellow leaves weeds rust
yellow rust	yellow rust
yellow stem & rust	yellow stem & rust
yellow stem &rust	yellow stem &rust

Q241H: Q241 h. Level of pest/ disease/ weed pressure

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	Medium pressure
2	Low pressure
3	High pressure

Q241I: Q241 i. Percentage of the area treated against pests/ diseases/ weeds

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 100 Format: Numeric

Q241J: Q241 j. Percentage of crop free of pests/ diseases/ weeds at harvest (in %)

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 100 Format: Numeric

Q241K: Q241 k. Equipment type ?**Data file:** Crop_protection**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Motorized boom sprayer
2	Hand operated sprayers (e.g. knapsack),
3	Airblast sprayer
4	Other
5	Granular applicator

Q241N: Q241 n. What is the timing of the treatment - before crop-emergence or after crop-emergence**Data file:** Crop_protection**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	After crop-emergence (crop already emerged)
2	Before crop-emergence (soil is treated)

SYNGENTA: CODED VARIABLE Syngenta product? (1 = YES; 0 = NO)**Data file:** Crop_protection**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	No
2	Yes

HARVESTYEAR: Year in which the data was collected**Data file: Location****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 2014 - 2019 Format: Numeric

COUNTRY: Country**Data file: Location****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
Kenya	Kenya

CLUSTERID: Unique identifier per cluster**Data file: Location****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
KenyaPotato1	KenyaPotato1
KenyaPotato1+2	KenyaPotato1+2
KenyaPotato2	KenyaPotato2
KenyaPotato3	KenyaPotato3
KenyaTomato1	KenyaTomato1
KenyaTomato1+2	KenyaTomato1+2
KenyaTomato2	KenyaTomato2
KenyaWheat1	KenyaWheat1
KenyaWheat2	KenyaWheat2

GROWERID: Unique identifier per grower**Data file: Location****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 24102100 - 24240500 Format: Numeric

GROWINGAREA: Field code (A or B)**Data file: Location****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
A	A
B	B

CORNER: Multiple corners of same field can be registered (only from 2018 onwards)**Data file: Location****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
1	1
2	2
One gps location of each farm	One gps location of each farm
One gps location of each growingarea	One gps location of each growingarea

GPS_OPTION: gps_option**Data file: Location**

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	interviewer captures at least two points per field

GPS_SHAPE: Description of the field (from 2018 onwards)

Data file: Location

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Irregular shape
2	Rectangle
3	Square
4	Triangle

Q22D_LAT_DEG: Latitude degrees

Data file: Location

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q22D_LAT_MIN: Latitude minutes**Data file: Location****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q22D_LAT_SEC: Latitude seconds**Data file: Location****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q22D_LON_DEG: Longitude degrees**Data file: Location****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q22D_LON_MIN: Longitude minutes**Data file: Location**

Overview

Valid: 0 Invalid: 0
 Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q22D_LON_SEC: Longitude seconds

Data file: Location

Overview

Valid: 0 Invalid: 0
 Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

REMARK_AREA: Remark from the interviewer (2019 onwards)

Data file: Location

Overview

Valid: 0 Invalid: 0
 Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
ok	ok

Q151: Q151. Open field or in a greenhouse?

Data file: Location

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Active Greenhouse
2	Open field

Q1F: Q1. F. Would it be okay for you for this company to contact you with information on The GGP?

Data file: Location

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
No	No
Yes	Yes

Q25: Q25. Farm address - postal code

Data file: Location

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
-	-
-1	-1
00241	00241
169	169
19	19
195	195

19697	19697
19697-0020	19697-0020
2	2
20100	20100
20101	20101
20106	20106
20106 Molo	20106 Molo
20111	20111
20121	20121
20124	20124
20124-158	20124-158
20300	20300
20302	20302
20305	20305
20400	20400
20422	20422
21024	21024
217	217
228	228
237	237
241	241
242	242
25	25
25-20124	25-20124
3	3
30100	30100
30307	30307
4-00241	4-00241
40	40
401	401
41-00241	41-00241
4101	4101
440-20302	440-20302
4713-00506	4713-00506
497-0042	497-0042
53	53
60200	60200
60241	60241
60903	60903

62224	62224
74250-0020	74250-0020
75	75
7676-00200	7676-00200
7696-00200	7696-00200
79697-0020	79697-0020
8135-00100	8135-00100
893-20106	893-20106
91-00241	91-00241
98-Molo	98-Molo
98-molo	98-molo

ADMIN_LEVEL_1: administrative area 1

Data file: Location

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
Baringo County	Baringo County
Bomet County	Bomet County
Embu County	Embu County
Isiolo County	Isiolo County
Kajiado County	Kajiado County
Kiambu County	Kiambu County
Kirinyaga County	Kirinyaga County
Kisumu County	Kisumu County
Laikipia County	Laikipia County
Machakos County	Machakos County
Meru County	Meru County
Mombasa County	Mombasa County
Nairobi County	Nairobi County
Nakuru County	Nakuru County
Nandi County	Nandi County
Narok County	Narok County

Nyandarua County	Nyandarua County
Nyeri County	Nyeri County
Rift Valley	Rift Valley
Siaya	Siaya
Tharaka-Nithi County	Tharaka-Nithi County
Uasin Gishu County	Uasin Gishu County
Wilaya ya Kajiado	Wilaya ya Kajiado
Wilaya ya Kiambu	Wilaya ya Kiambu

HARVESTYEAR: Year in which the data was collected**Data file: Activities and Machinery (Q382)****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 2014 - 2019 Format: Numeric

COUNTRY: Country**Data file: Activities and Machinery (Q382)****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
Kenya	Kenya

CROP: Crop**Data file: Activities and Machinery (Q382)****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
Potato	Potato
Tomato	Tomato
Wheat	Wheat

CLUSTERID: Unique identifier per cluster**Data file: Activities and Machinery (Q382)****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
KenyaPotato1	KenyaPotato1
KenyaPotato1+2	KenyaPotato1+2
KenyaPotato2	KenyaPotato2
KenyaPotato3	KenyaPotato3
KenyaTomato1	KenyaTomato1
KenyaTomato1+2	KenyaTomato1+2
KenyaTomato2	KenyaTomato2
KenyaWheat1	KenyaWheat1
KenyaWheat2	KenyaWheat2

FARMTYPE: Reference farms versus Benchmark farms

Data file: Activities and Machinery (Q382)

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Reference farm
2	Benchmark farm

GROWERID: Unique identifier per grower

Data file: Activities and Machinery (Q382)

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
24102100	24102100

24102200	24102200
24102300	24102300
24103900	24103900
24104000	24104000
24104100	24104100
24104200	24104200
24104300	24104300
24107500	24107500
24111500	24111500
24111600	24111600
24111700	24111700
24111800	24111800
24111900	24111900
24112000	24112000
24112100	24112100
24112300	24112300
24112400	24112400
24112600	24112600
24112700	24112700
24112800	24112800
24112900	24112900
24113000	24113000
24113100	24113100
24113200	24113200
24113300	24113300
24113400	24113400
24113500	24113500
24113600	24113600
24116100	24116100
24117100	24117100
24117200	24117200
24117300	24117300
24117400	24117400
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GROWINGAREA: Field code (A or B)

Data file: Activities and Machinery (Q382)

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	A
2	B

ACTIVITY: Which activities did the grower do on his field?

Data file: Activities and Machinery (Q382)

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 18 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Clearing
2	Ploughing
3	Digging
4	Ridging
5	Ripping
6	Land levelling
7	Applying fertilizers
8	Mulching
9	Sowing or planting

10	Scouting for pests and diseases
11	Applying pesticides
12	Irrigating
13	Weeding
14	Harvesting
15	Post handling
16	Processing
17	Transport
18	Seed Treatment

MACHINERY: Did he use power driven equipment to complete this activity?

Data file: Activities and Machinery (Q382)

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Yes
2	No

study_resources

questionnaires

2014 GGP Questionnaire Master

title 2014 GGP Questionnaire Master
 language English
 filename 2014 GGP Questionnaire Master.pdf

2015 GGP Questionnaire Master

title 2015 GGP Questionnaire Master
 language English
 filename 2015 GGP Questionnaire Master.pdf

2016 GGP Questionnaire Master

title 2016 GGP Questionnaire Master
 language English
 filename 2016 GGP Questionnaire Master.pdf

2017 GGP Questionnaire Master

title 2017 GGP Questionnaire Master
 language English
 filename 2017 GGP Questionnaire Master.pdf

2018 GGP Questionnaire Master

title 2018 GGP Questionnaire Master
 language English
 filename 2018 GGP Questionnaire Master.pdf

2019 GGP Questionnaire Master

title 2019 GGP Questionnaire Master
 language English
 filename 2019 GGP Questionnaire Master.pdf

reports

Enabling a set change in farm efficiency (productivity brochure)

title Enabling a set change in farm efficiency (productivity brochure)
 language English
 filename SYT-GGP-c1productivity-brochure.pdf

The Good Growth Plan Progress Data - Productivity 2019

title The Good Growth Plan Progress Data - Productivity 2019
language English
filename SYT-GGP-c1productivity-description-2019_0.pdf
