

# Good Growth Plan 2014-2019

**Syngenta**

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visit\_data\_catalog\_at: <https://microdata.worldbank.org/index.php>

## Identification

### SURVEY ID NUMBER

GTM\_2014-2019\_GGP-P\_v01\_M\_v01\_A\_OCS

### TITLE

Good Growth Plan 2014-2019

### COUNTRY/ECONOMY

Name	Country code
Guatemala	GTM

### 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 Guatemala were selected based on the following criterion:

- Region: Petén, Retalhuleu, Jutiapa, Chimaltenango
- Low Tech (One weed & insect control spraying) - Not all RFs and BFs comply, approved by Kynetec]

## data\_collection

### DATES OF DATA COLLECTION

Start	End
2014	2019

### DATA COLLECTION MODE

Face-to-face [f2f]

## questionnaires

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### 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

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### 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	<a href="#">Link</a>

### 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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## CITATION REQUIREMENTS

The Good Growth Plan Progress Data - Productivity 2019

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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

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## DDI DOCUMENT ID

DDI\_GTM\_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 (GTM\_2014-2019\_GGP-P\_v01\_EN\_M\_A\_OCS). The following two metadata fields were edited - Document ID and Survey ID.

**data\_dictionary**

<b>Data file</b>	<b>Cases</b>	<b>variables</b>
<b>fertilizers</b>	0	17
<b>seed_treatment</b>	0	24
<b>Farm_level_data</b>	0	32
<b>Global_farm_data</b>	0	238
<b>Crop_protection</b>	0	32
<b>Location</b>	0	19
<b>Activities and Machinery (Q382)</b>	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:	24

**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	q233c_d	Q233C. d. PRODUCT 1: Dosage	
V38	q233c_e	Q233C. e. PRODUCT 1: Unit of quantity	
V39	q233c_f	Q233C. f. PRODUCT 1: Amount of H2O solved in LITERS per <HECT>	
V40	q233c_g	Q233C. g. PRODUCT 1: Pest/disease/ weed targeted	
V41	syngenta	CODED VARIABLE Syngenta product? (1 = YES; 0 = NO)	

total: 24

**Data file: Farm\_level\_data**

Cases: 0

variables: 32

**variables**

ID	Name	Label	Question
V42	HarvestYear	Data collection wave	
V43	Region	Syngenta's definition of Region	
V44	Territory	Syngenta's definition of Territory	
V45	GrowingArea	To which field/plot does the information relate to?	
V46	ClusterID	Unique cluster ID	
V47	country	Country	
V48	Farmtype	Farm type	
V49	GrowerID	Unique respondent ID	
V50	Crop	The crop of focus	
V51	AreaSize	Q57. Size of growing area A for <TARG1> in <HECT>	
V52	CropSize	Q5.Total cultivated area of <TARG1> in this season in <HECT>	
V53	FarmSize	Q6. Total size of your farm/cultivated area for all crops in <HECT>	
V54	Landproductivity	Land efficiency in ton/ha	
V55	PesticideApplicationEfficiency	Number of field applications used per ton produced	
V56	NutrientEfficiency	Kgs of nitrogen used per ton produced	
V57	PhosphorusEfficiency	Kgs of phosphorus used per ton produced	
V58	PotassiumEfficiency	Kgs of potassium used per ton produced	
V59	SeedEfficiency	Kgs of seeds used per ton produced	
V60	PesticideEfficiency	Kgs of active ingredients from pesticides used in kilogram per ton produced	
V61	HerbicideEfficiency	Kgs of active ingredients from herbicides used per ton produced	
V62	FungicideEfficiency	Kgs of active ingredients from fungicides used per ton produced	
V63	InsecticideEfficiency	Kgs of active ingredients from insecticides used per ton produced	
V64	IrrigationWaterEfficiency	Litres of irrigation water used per ton produced	
V65	LaborEfficiency	Amount of labor hours per unit of crop output produced	
V66	MachineryEfficiency	Amount of machinery used in hours per unit of crop output produced	
V67	SyngentaShare	Percentage of syngenta products used compared to total number of products used	
V68	User_vs_non_user	Does the grower use Syngenta products?	
V69	protocol	have received a crop program and/or any recommendations this season?	
V70	field_preparation	Date of first field preparation	
V71	planting_date	Date of sowing or planting	
V72	harvest_begin	Date when harvest started	
V73	harvest_end	Date when harvest ended	

total: 32

**Data file: Global\_farm\_data**

Cases:	0
variables:	238

**variables**

ID	Name	Label	Question
V74	Territory	Syngenta definition of territory (sub-region)	
V75	country	Country	
V76	ClusterID	Unique cluster ID	
V77	GrowerID	Unique respondent ID	
V78	GrowingArea	To which field/plot does the information relate to?	
V79	Farmtype	Farmtype	
V80	q1c3	Q1.C3. Since you have participated before, we'd like to share with you your individual performance report	
V81	q1f	Q1. F. Would it be okay for you for Syngenta to contact you with follow-up information on The Good Growth Plan?	
V82	crop	Crop of focus	
V83	q56A2_2	Q56A2. Growing area changed from previous year- I hired another area	
V84	q56A2_96	Q56A2. Growing area changed from previous year- Other specify 1	
V85	q56A2_99	Q56A2. Growing area changed from previous year? Don't know / no answer	
V86	q57a	Q57A. How certain you are of the size indication for growing area A?	
V87	q4055	Q4055. TON/HEC Yield objective for area A for <CROP> at beginning of this season?	
V88	q19	Q19. Surname	
V89	q20	Q20. First name	
V90	q21	Q21. Phone number	
V91	q22	Q22. E-mail address	
V92	q27	Q27. Year of birth	
V93	q28	Q28. Gender	
V94	q31	Q31. Until what age did you go to school?	
V95	q30	Q30. Are you a full-time or part-time farmer?	
V96	q30b	Q30. B. How long have you been engaged in farming activities?	
V97	q33	Q33. Did you receive an agronomical/agricultural education?	
V98	q34	Q34. Are you a member of a producer group, association or cooperative for <CROP>?	
V99	q35c	Q35. C. Overall, how satisfied would you say you are with your life these days?	
V100	q37a	Q37.A. Do you have signs of soil erosion by water on	
V101	q37b	Q37.B. Do you have signs of soil erosion by wind on your farm?	
V102	q7001	Q7001. Have you changed your tillage practices for <TARGET CROP> in the past 20 years?	
V103	q7002	Q7002. How did you change your tillage practices for <TARGET CROP>?	
V104	q7003	Q7003. How many years ago did you change your tillage practices for <TARGET CROP>?	
V105	q7004	Q7004. Have you grown cover crop to manage soil health in the past 20 years for <CROP>?	
V106	q7005	Q7005. How many years ago did you start growing a cover crop for <TARGET CROP> ?	
V107	q7006	Q7006 Have you stopped growing a cover crop in the past 20 years for <TARGET CROP>?	
V108	q7007	Q7007. How many years ago did you stop growing a cover crop for <TARGET CROP>?	
V109	q7008	Q7008. For <Crop> was any land converted from arable land/grassland/forest in the past 20 years?	

ID	Name	Label	Question
V110	q7009	Q7009. How did the use of your land change for <TARGET CROP>?	
V111	q7010	Q7010. How many years ago did the function of your land change for <TARGET CROP>?	
V112	q65	Q65. Do you practice intercropping for <TARGET CROP> ?	
V113	q66_2	Q66. Which crops do you intercrop? Banana	
V114	q66_6	Q66. Which crops do you intercrop? Coffee	
V115	q66_7	Q66. Which crops do you intercrop? Corn	
V116	q66_19	Q66. Which crops do you intercrop? Tomato	
V117	q66_58	Q66. Which crops do you intercrop? Lettuce	
V118	q66_80	Q66. Which crops do you intercrop? Pulses (lentils, beans, peas)	
V119	q66_96	Q66. Which crops do you intercrop? Other specify 1	
V120	q66_99	Q66. Which crops do you intercrop? Don't know/no answer	
V121	q60	Q60. Do you rotate crops on growing area A for <TARGET CROP>?	
V122	q61_7	Q61. What crops are you cultivating in rotation? Corn	
V123	q61_13	Q61. What crops are you cultivating in rotation? Potato	
V124	q61_19	Q61. What crops are you cultivating in rotation? Tomato	
V125	q61_20	Q61. What crops are you cultivating in rotation? Watermelon	
V126	q61_80	Q61. What crops are you cultivating in rotation? Pulses (lentils, beans, peas)	
V127	q61_96	Q61. What crops are you cultivating in rotation? Other. Specify 1	
V128	q61_97	Q61. What crops are you cultivating in rotation? Other. Specify 2	
V129	q67	Q67. What is the soil type of growing area A for <TARGET CROP>?	
V130	q67b	Q67B. Texture is your soil on growing area A for <TARGET CROP> this season?	
V131	q7011	Q7011. How moist would rate your soil on growing area A for <TARGET CROP> this season?	
V132	q7012	Q7012 Rate the drainage of water through the soil on area A for <TARGET CROP> this season?	
V133	q55e1	Q55E1.Partook in training/meeting on crop/agricultural practices in the past 2 years?	
V134	q5500	Q5500. During the training/meeting, at least 15 minutes talking about safe-use practices	
V135	q55E2_4	Q55E2. Who organized this training? Cooperative	
V136	q55E2_5	Q55E2. Who organized this training? Agronomist/advisor	
V137	q55E2_6	Q55E2. Who organized this training? Supplier	
V138	q55E2_7	Q55E2. Who organized this training? Governmental organization (e.g. Ministry)	
V139	q55E2_96	Q55E2. Who organized this training? Other specify 1:	
V140	q5501	Q5501. Have you been contacted by a Syngenta representative during the past season?	
V141	q5502_2	Q5502. Can you describe how the Syngenta representative contacted you? They visited my farm	
V142	q5503	Q5503. How useful was contact with the Syngenta Representative	
V143	q4041a	Q4041.A. Do you feel the need to follow training on crop cultivation in the near future?	
V144	q54_1	Q54. Where do you deposit the rest water after spraying? Citerne (phytobac, heliosecc, sentinel, biofilter)	
V145	q54_2	Q54. Where do you deposit the rest water after spraying? In fields	
V146	q54_3	Q54. Where do you deposit the rest water after spraying? In rivers, streams, drain or via the ditch	
V147	q54_96	Q54. Where do you deposit the rest water after spraying? Other specify 1:	
V148	q54_99	Q54. Where do you deposit the rest water after spraying? Don't know / no answer	
V149	q54_oth1	Q54. Other 1:: Q54. Where do you deposit the rest water after spraying?	
V150	q55a_1	Q55a. Where do you clean your sprain equipment? On farm	
V151	q55b_1	Q55b. Where do you dispose the water used for cleaning you equipment? On field	
V152	q55b_2	Q55b. Where do you dispose the water used for cleaning you equipment? Citerne	

ID	Name	Label	Question
V153	q55b_3	Q55b. Where do you dispose the water used for cleaning you equipment? On an unpaved surface	
V154	q55b_4	Q55b. Where do you dispose the water used for cleaning you equipment? On a paved surface (drain / dike)	
V155	q55b_96	Q55b. Where do you dispose the water used for cleaning you equipment? Other specify 1:	
V156	q55b_99	Q55b. Where do you dispose the water used for cleaning you equipment? Don't know / no answer	
V157	q55c	Q55. C. Do you store the sprayer protected from rain?	
V158	q55d	Q55. D. Do you use drift-reducing nozzles on your sprayer?	
V159	q72	Q72. When did the first field preparation start for growing area A for <TARGET CROP> ?	
V160	q73	Q73. KGs/HECT of seeds sown for growing area A for <TARGET CROP>	
V161	q74	Q74. When was the crop sown / planted for growing area A for <TARGET CROP>?	
V162	q7400	Q7400. Have you sown/planted <TARGET CROP> in the same period as last year?	
V163	q197	Q197. What is the year of planting for growing area A for <TARGET CROP>?	
V164	q183	Q183. Do you prune growing area A for <TARGET CROP>?	
V165	q4062a	Q4062. When did the pruning period of the trees start for growing area A for <TARGET CROP>?	
V166	q4062b	Q4062. When did the pruning period of the trees start for growing area A for <TARGET CROP>?	
V167	q231b	Q231B. Are your seeds coated with crop protection products?	
V168	q233	Q233. Do you use on-farm or pre-treated seed treatment to treat the seeds for growing area A for <TARGET CROP>?	
V169	q397new	Q397_NEW. If you have received a crop program and/or any recommendations for growing to implement this season.	
V170	q224a	Q224 A. Did you perform a soil test for <TARGET CROP>?	
V171	q224	Q224. Do you apply organic fertilizers for <TARGET CROP>?	
V172	q226	Q226. Do you apply chemical fertilizers for <TARGET CROP>?	
V173	q229b1	Q229B1.Total number of applications you perform with chemical fertilizers on growing area for <TARGET CROP>?	
V174	q229b2	Q229B2.Total number of applications you perform with organic fertilizers on growing area for <TARGET CROP>?	
V175	q240e_1	Q240E. We would like to better understand the pest pressure on the selected growing areas. INSECT PRESSURE	
V176	q240e_2	Q240E. We would like to better understand the pest pressure on the selected growing areas. DISEASE PRESSURE	
V177	q240e_3	Q240E. We would like to better understand the pest pressure on the selected growing areas. WEED PRESSURE	
V178	q240en	Q240.E1. Do you generally use drift-reducing nozzles on your sprayer?	
V179	q240d	Q240D. Note down the total number of treatments you perform with crop protection products	
V180	q75	Q75. What is the final stand i.e. the number of plants - per <SQUARE METER>/<TARGET CROP>?	
V181	q76	Q76. Prior to harvest, indicate the percentage of the plot area that is lodged for <TARGET CROP>?	
V182	q243a	Q243. When was the harvest period for <TARGET CROP>?	
V183	q243b	Q243. When was the harvest period for <TARGET CROP>?	
V184	q243bb	Q243b. Have you harvested <TARGET CROP> in the same period as last year?	
V185	q274a	Q274. Yield that has been achieved for growing area A for corn in <TON> per <HECTARES>? Grain yield	
V186	q274b	Q274. Yield that has been achieved for growing area A for corn in <TON> per <HECTARES>? Silage yield	

ID	Name	Label	Question
V187	q274c	Q274. Yield that has been achieved for growing area A for corn in <TON> per <HECTARES>? Cobs yield	
V188	q4094_1	Q4094. Who measured the yield on each of the growing areas? Myself	
V189	q4094_2	Q4094. Who measured the yield on each of the growing areas? Dealer/store	
V190	q4094_3	Q4094. Who measured the yield on each of the growing areas? Manufacturer/representative	
V191	q4094_4	Q4094. Who measured the yield on each of the growing areas? Independent advisor	
V192	q4094_96	Q4094. Who measured the yield on each of the growing areas? Other specify1	
V193	q4094_98	Q4094. Who measured the yield on each of the growing areas? Other specify3	
V194	q4095a	Q4095. A. Compared to previous year, would you say your yield has ...?	
V195	q4096a	Q4096. A. How satisfied are you with your yield this season?	
V196	q4097a	Q4097. A. How satisfied are you with the price you received on the market?	
V197	q251	Q251. % of crop damaged at the time of harvest (total lost - not marketable) for <TARGET CROP>?	
V198	q201	Q201. When did the first trees reach the flowering stage for growing area A for <TARGET CROP> ?	
V199	q204	Q204. Could you please indicate the average number of fruits per tree for <TARGET CROP>?	
V200	q360a	Q360. When was the harvest period for <TARGET CROP>?	
V201	q360b	Q360. When was the harvest period for <TARGET CROP>?	
V202	q360bb	Q360b. Have you harvested <TARGET CROP> in the same period as last year?	
V203	q362	Q362. What is the coffee yield that has been achieved for coffee in <TON> per <HECTARES>?	
V204	q3630	Q3630. What is the percentage fruit losses/damaged for <TARGET CROP>?.	
V205	q144	Q144. What is the final stand for sugarcane? number of plants per <MC2> .	
V206	q148c	Q148. C. % of sugarcane failures in %-age at 60 days after planting for sugarcane?	
V207	q148d	Q148. D. % of sugarcane failures in %-age at 200 days after planting for sugarcane?	
V208	q148e	Q148. E. Prior to harvest, % of the plot area that is lodged for sugarcane?	
V209	q319a	Q319. When was the harvest period for sugarcane?	
V210	q319b	Q319. When was the harvest period for sugarcane?	
V211	q320	Q320. What is the total <TON> of cane per <HECT> that has been achieved for sugarcane?	
V212	q321	Q321. What is the TRS (total recovered sugar) for sugarcane? Please write down the TRS. <TON>/<HECT>	
V213	q324	Q324. Nitrogen content (N) of cane for each growing area of sugarcane?.	
V214	q339a	Q339. When was the harvest period for banana?	
V215	q339b	Q339. When was the harvest period for banana?	
V216	q246_1	Q246. % of the harvest of your target crop is used for own consumption	
V217	q246_2	Q246. % of the harvest of your target crop is used for feeding livestock	
V218	q246_3	Q246. % of the harvest of your target crop is used for harvest sold	
V219	q4002	Q4002. Did you take measures to prevent post-harvest loss for <TARGET CROP>?	
V220	q7013	Q7013. How do you deal with crop residue of <TARGET CROP>?	
V221	q377	Q377. What is the estimated revenue in <DOLLAR>/<HECTARES> for growing area A of <TARGET CROP>?	
V222	q378	Q378. Could you please indicate the estimated revenue in general? <DOLLAR>/<HECTARES>.	
V223	q379	Q379.A Can you please explain your answer for <TARGET CROP>?	
V224	q380	Q380. What is your total input cost for <TARGET CROP> from first field preparation until harvest?	
V225	q4111_1	Q4111. Actual costs SEEDS for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V226	q4111_2	Q4111. Actual costs FERTILIZERZ for <TARGET CROP>?<DOLLAR>/<HECTARES>	

ID	Name	Label	Question
V227	q4111_3	Q4111. Actual costs LABOR for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V228	q4111_4	Q4111. Actual costs MACHINERY <TARGET CROP>?<DOLLAR>/<HECTARES>	
V229	q4111_5	Q4111. Actual costs WATER USE for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V230	q4111_6	Q4111. Actual costs FUEL for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V231	q4111_7	Q4111. Actual costs RENT/LOAN for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V232	q4111_8	Q4111. Actual costs FUNGICIDES for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V233	q4111_9	Q4111. Actual costs HERBICIDES for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V234	q4111_10	Q4111. Actual costs INSECTICIDES <TARGET CROP>?<DOLLAR>/<HECTARES>	
V235	q4111_98	Q4111. Actual costs DRYING for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V236	q381_1	Q381. Percentage of TREES/SEED costs out of the total input cost for <TARGET CROP>?	
V237	q381_2	Q381. Percentage of FERTILIZERS costs out of the total input cost for <TARGET CROP>?	
V238	q381_3	Q381. Percentage of PESTICIDES costs out of the total input cost for <TARGET CROP>?	
V239	q381_4	Q381. Percentage of LABOR costs out of the total input cost for <TARGET CROP>?	
V240	q381_5	Q381. Percentage of MACHINERY costs of the total input cost for <TARGET CROP>?	
V241	q381_6	Q381. Percentage of WATER USE costs out of the total input cost for <TARGET CROP>?	
V242	q381_7	Q381. Percentage of FUEL costs out of the total input cost for <TARGET CROP>?	
V243	q381_8	Q381. Percentage of ELECTRICITY costs out of the total input cost for <TARGET CROP>?	
V244	q381_9	Q381. Percentage of GAS costs out of the total input cost for <TARGET CROP>?	
V245	q381_10	Q381. Percentage of RENT/LOAN costs out of the total input cost for <TARGET CROP>?	
V246	q381_98	Q381. Percentage of OTHER costs out of the total input cost for <TARGET CROP>?	
V247	q4121	Q4121. In general for the whole cultivation period, rate the weather conditions for <TARGET CROP>?	
V248	q387_1	Q387. What was the impact for target crop? Reduced yield	
V249	q387_2	Q387. What was the impact for target crop? Reduced yield quality	
V250	q387_3	Q387. What was the impact for target crop? No impact	
V251	q388	Q388. How would you say the level of rainfall was for growing area A	
V252	q388b	Q388. B. You mentioned you had less rainfall this season than usual. Was this problematic?	
V253	q388d	Q388D. You mentioned you had more rainfall this season than usual. Was this problematic?	
V254	q3880	Q3880. How would you say the temperature was during this season ?	
V255	q3880b	Q3880 B. You mentioned you had lower temperatures this season than usual. Was this problematic?	
V256	q3880d	Q3880 D. You mentioned you had higher temperatures this season than usual. Was this problematic?	
V257	q389	Q389. What is the MAIN water source of <TARGET CROP> during this season?	
V258	q390	Q390. What is the number of days you have been irrigating <TARGET CROP>?	
V259	q391	Q391. What is the average amount of hours per day you have been irrigating of <TARGET CROP>?	
V260	q392	Q392. What is the amount of liters that is discharged per hour of <TARGET CROP>?	
V261	q399c	Q399.C. How satisfied are you with the crop program and/or recommendations for <TARGET CROP>?	
V262	date1	field preparation	
V263	date2	sowing/planting	
V264	date3a	begin harvest	
V265	date3b	end harvest	
V266	harvestyear	Data collection wave	
V267	q141	Q141. Sugarcane variety that has been planted	
V268	q142	Q142. What is the date of planting for sugarcane?	

ID	Name	Label	Question
V269	q145	Q145. What is the replanting cycle (generation) for sugarcane?	
V270	q145oth	Other specify: :Q145. What is the replanting cycle (generation) for sugarcane?	
V271	q149	Q149. For the plant cane in the first cycle, total <TON> of cane per <HECT>	
V272	q215	Q215. When did the first field preparation start for cauliflower?	
V273	q218	Q218. When have the young plants been planted for cauliflower?	
V274	q4000_1	q4000_1. To whom do you sell your yield - I sell it on the local market	
V275	q4000_2	q4000_2. To whom do you sell your yield - I sell it to a trader	
V276	q4000_3	q4000_3. To whom do you sell your yield - I sell it to a wholesaler	
V277	q4000_4	q4000_4. To whom do you sell your yield - I sell it to a feed processing plant	
V278	q4000_5	q4000_5. To whom do you sell your yield - I sell it to a cooperative I am part of	
V279	q4000_6	q4000_6. To whom do you sell your yield -I sell it under a contract	
V280	q4000_7	q4000_7. To whom do you sell your yield -Government owned rural collection center	
V281	q4000_99	q4000_99. To whom do you sell your yield -Don't know / no answer	
V282	q389_2	q389_2. Which water source has been used for irrigation? Private well	
V283	q389_3	q389_3. Which water source has been used for irrigation? Private borehole	
V284	q389_5	q389_5. Which water source has been used for irrigation? Public lake, pond	
V285	q389_6	q389_6. Which water source has been used for irrigation? Rainwater in a tank	
V286	q399	Q399. Please explain why you follow or do not follow the crop program and/or recommendations.	
V287	q397	Q397. Received a recommended growing protocol or crop program from an agricultural advisor?	
V288	q397b_oth1	Q397B. From whom did you receive the protocol/crop program? Other 1	
V289	q397c	Q397C. Did you receive a protocol/crop program from Syngenta?	
V290	q397d_oth	Q397.D. From which manufacturer have you received a protocol/crop program? OTHER	
V291	q35a_1	Q35.A. What group/association/cooperative are a member of? 1ST	
V292	q35a_2	Q35.A. What group/association/cooperative are a member of? 2ND	
V293	q58	Q58. In general, what is the topography of your growing area?	
V294	q58oth	Q58. In general, what is the topography of your growing area? OTHER	
V295	q230_1	Bought seeds	
V296	q230_2	Saved seeds	
V297	q203	Q203. When did the fruit development start for coffee?	
V298	q4001	Q4001. % of crop lost in-between harvest and storage or selling <TARG1>?	
V299	q146	Q146. What is the replanting cycle for sugarcane?	
V300	q147	Q147. When have the young plants been planted ?	
V301	q247_1a	Q247. BUYER 1 % of yield	
V302	q247_2a	Q247. BUYER 2 % of yield	
V303	q247_3a	Q247. BUYER 3 % of yield	
V304	q247_4a	Q247. BUYER 4 % of yield	
V305	q247_5a	Q247. BUYER 5 % of yield	
V306	q247_1b	Q247. BUYER 1 price per metric ton	
V307	q247_2b	Q247. BUYER 2 price per metric ton	
V308	q247_3b	Q247. BUYER 3 price per metric ton	
V309	q247_4b	Q247. BUYER 4 price per metric ton	
V310	q247_5b	Q247. BUYER 5 price per metric ton	
V311	q325	Q325. % of canes damaged at harvest for sugarcane?	

total: 238

**Data file: Crop\_protection**

Cases: 0

variables: 32

**variables**

ID	Name	Label	Question
V312	harvestyear	Data collection wave	
V313	GrowingArea	To which field/plot does the information relate to?	
V314	ClusterID	Unique cluster ID	
V315	country	Country	
V316	Farmtype	FARMTYPE	
V317	GrowerID	Unique respondent ID	
V318	product	Unique code of a product within application	
V319	crop	The crop of focus	
V320	application	Unique code of an application per field per grower	
V321	q241a	Q241 a. Timing of product application	
V322	q241b	Q241 b.Type of product	
V323	q241c	Q241 c . Brand product name	
V324	q241c1	Q241 c1. Brand product formulation	
V325	c241c	CODED VARIABLE - stringcode	
V326	c241ca1	CODED VARIABLE - active ingredient1	
V327	c241cp1	CODED VARIABLE - amount of ai1	
V328	c241cu1	CODED VARIABLE - unit (% or Gr)	
V329	c241ca2	CODED VARIABLE - active ingredient2	
V330	c241cp2	CODED VARIABLE - amount of ai2	
V331	c241ca3	CODED VARIABLE - active ingredient3	
V332	c241cp3	CODED VARIABLE - amount of ai3	
V333	c241cpt	CODED VARIABLE - total amount of ai	
V334	q241d	CODED VARIABLE Q241 d. Dosage ?	
V335	q241e	CODED VARIABLE Q241 e. Unit of quantity	
V336	q241f	Q241 f. Amount of H2O solved in LITERS per <HECTARE>	
V337	q241g	Q241 g. Pest/disease/ weed targeted ?	
V338	q241h	Q241 h. Level of pest/ disease/ weed pressure	
V339	q241i	Q241 i. Percentage of the area treated against pests/ diseases/ weeds	
V340	q241j	Q241 j. Percentage of crop free of pests/ diseases/ weeds at harvest (in %)	
V341	q241k	Q241 k. Equipment type ?	
V342	q241n	Q241 n. What is the timing of the treatment - before crop-emergence or after crop-emergence	
V343	syngenta	CODED VARIABLE Syngenta product? (1 = YES; 0 = NO)	

total: 32

**Data file: Location**

Cases:	0
variables:	19

**variables**

ID	Name	Label	Question
V344	harvestyear	Year in which the data was collected	
V345	country	Country	
V346	ClusterID	Unique identifier per cluster	
V347	GrowerID	Unique identifier per grower	
V348	GrowingArea	Field code (A or B)	
V349	CORNER	Multiple corners of same field can be registered (only from 2018 onwards)	
V350	gps_option	gps_option	
V351	gps_shape	Description of the field (from 2018 onwards)	
V352	q22d_lat_deg	Latitude degrees	
V353	q22d_lat_min	Latitude minutes	
V354	q22d_lat_sec	Latitude seconds	
V355	q22d_lon_deg	Longitude degrees	
V356	q22d_lon_min	Longitude minutes	
V357	q22d_lon_sec	Longitude seconds	
V358	remark_area	Remark from the interviewer (2019 onwards)	
V359	q151	Q151. Open field or in a greenhouse?	
V360	q1f	Q1. F. Would it be okay for you for this company to contact you with information on The GGP?	
V361	q25	Q25. Farm address - postal code	
V362	admin_level_1	administrative area 1	

total: 19

**Data file: Activities and Machinery (Q382)**

Cases: 0

variables: 9

**variables**

ID	Name	Label	Question
V363	harvestyear	Year in which the data was collected	
V364	country	Country	
V365	crop	Crop	
V366	ClusterID	Unique identifier per cluster	
V367	farmtype	Reference farms versus Benchmark farms	
V368	GrowerID	Unique identifier per grower	
V369	GrowingArea	Field code (A or B)	
V370	activity	Which activities did the grower do on his field?	
V371	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
GuatemalaCoffee1	GuatemalaCoffee1
GuatemalaMaize1	GuatemalaMaize1
GuatemalaSugarcane1	GuatemalaSugarcane1

## COUNTRY: Country

Data file: fertilizers

### Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
Guatemala	Guatemala

## 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**

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## CATEGORIES

<b>Value</b>	<b>Category</b>
15100200	15100200
15101700	15101700
15103400	15103400
15103900	15103900
15150000	15150000
15150100	15150100
15150300	15150300
15150500	15150500
15150600	15150600
15150800	15150800
15150900	15150900
15151000	15151000
15151100	15151100
15151200	15151200
15151500	15151500
15152000	15152000
15152200	15152200
15152400	15152400
15152500	15152500
15152600	15152600
15200100	15200100
15200300	15200300
15200400	15200400
15200500	15200500
15200600	15200600
15200700	15200700
15200800	15200800
15200900	15200900
15201000	15201000
15201100	15201100
15201200	15201200
15201300	15201300
15201400	15201400
15201500	15201500

15201600	15201600
15201800	15201800
15201900	15201900
15202000	15202000
15202100	15202100
15202200	15202200
15202300	15202300
15202400	15202400
15202600	15202600
15202800	15202800
15202900	15202900
15203100	15203100
15203200	15203200
15203300	15203300
15203500	15203500
15203600	15203600
15203700	15203700
15203800	15203800
15204000	15204000
15204300	15204300
15204500	15204500
15204700	15204700
15204800	15204800
15204900	15204900
15205000	15205000
15205100	15205100
15205200	15205200
15205300	15205300
15205400	15205400
15205500	15205500
15206000	15206000
15206100	15206100
15206200	15206200
15206300	15206300
15206400	15206400
15206500	15206500
15206600	15206600
15206700	15206700
15206800	15206800

15206900	15206900
15207000	15207000
15207100	15207100
15207200	15207200
15207300	15207300
15207400	15207400
15207500	15207500
15207600	15207600
15207700	15207700
15251600	15251600
15251700	15251700
15251800	15251800
15251900	15251900
15252000	15252000
15252100	15252100
15252200	15252200
15252300	15252300
15252400	15252400
15252500	15252500
15252600	15252600

## 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

#### CATEGORIES

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

**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
Coffee	Coffee
Corn	Corn
Sugarcane	Sugarcane

**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
2014-04-06	2014-04-06
2014-04-10	2014-04-10
2014-04-15	2014-04-15
2014-04-25	2014-04-25
2014-05-01	2014-05-01
2014-05-02	2014-05-02
2014-05-04	2014-05-04
2014-05-05	2014-05-05
2014-05-08	2014-05-08
2014-05-09	2014-05-09
2014-05-10	2014-05-10
2014-05-11	2014-05-11
2014-05-12	2014-05-12
2014-05-13	2014-05-13
2014-05-15	2014-05-15

2014-05-18	2014-05-18
2014-05-20	2014-05-20
2014-06-04	2014-06-04
2014-06-05	2014-06-05
2014-06-06	2014-06-06
2014-06-07	2014-06-07
2014-06-08	2014-06-08
2014-06-09	2014-06-09
2014-06-10	2014-06-10
2014-06-11	2014-06-11
2014-06-12	2014-06-12
2014-06-15	2014-06-15
2014-06-17	2014-06-17
2014-06-18	2014-06-18
2014-06-20	2014-06-20
2014-06-21	2014-06-21
2014-06-28	2014-06-28
2014-07-02	2014-07-02
2014-07-04	2014-07-04
2014-07-08	2014-07-08
2014-07-09	2014-07-09
2014-07-10	2014-07-10
2014-07-15	2014-07-15
2014-07-17	2014-07-17
2014-07-18	2014-07-18
2014-07-20	2014-07-20
2014-07-22	2014-07-22
2014-08-01	2014-08-01
2014-08-07	2014-08-07
2014-08-08	2014-08-08
2014-08-11	2014-08-11
2014-08-20	2014-08-20
2014-08-25	2014-08-25
2014-09-10	2014-09-10
2015-05-04	2015-05-04
2015-05-07	2015-05-07
2015-05-10	2015-05-10
2015-05-11	2015-05-11
2015-05-13	2015-05-13

2015-05-18	2015-05-18
2015-05-20	2015-05-20
2015-05-22	2015-05-22
2015-05-25	2015-05-25
2015-05-26	2015-05-26
2015-05-28	2015-05-28
2015-06-04	2015-06-04
2015-06-10	2015-06-10
2015-06-11	2015-06-11
2015-06-15	2015-06-15
2015-06-22	2015-06-22
2015-06-24	2015-06-24
2015-06-29	2015-06-29
2015-07-08	2015-07-08
2015-07-13	2015-07-13
2015-07-15	2015-07-15
2015-07-17	2015-07-17
2015-07-20	2015-07-20
2015-07-23	2015-07-23
2015-07-29	2015-07-29
2015-07-31	2015-07-31
2015-08-03	2015-08-03
2015-08-04	2015-08-04
2015-08-10	2015-08-10
2015-08-17	2015-08-17
2015-08-20	2015-08-20
2017-03-01	2017-03-01
2017-03-30	2017-03-30
2017-04-01	2017-04-01
2017-04-15	2017-04-15
2017-05-01	2017-05-01
2017-05-02	2017-05-02
2017-05-30	2017-05-30
2017-06-01	2017-06-01
2017-06-04	2017-06-04
2017-06-15	2017-06-15
2017-06-30	2017-06-30
2017-07-01	2017-07-01
2017-08-01	2017-08-01

2017-08-15	2017-08-15
2017-08-30	2017-08-30
2017-09-01	2017-09-01
2017-09-30	2017-09-30
2017-10-15	2017-10-15
2018-04-30	2018-04-30
2018-05-01	2018-05-01
2018-05-15	2018-05-15
2018-05-20	2018-05-20
2018-05-30	2018-05-30
2018-06-01	2018-06-01
2018-06-02	2018-06-02
2018-06-04	2018-06-04
2018-06-15	2018-06-15
2018-07-01	2018-07-01
2018-07-02	2018-07-02
2018-07-15	2018-07-15
2018-08-01	2018-08-01
2018-08-03	2018-08-03
2018-08-15	2018-08-15
2018-08-16	2018-08-16
2018-08-20	2018-08-20
2018-08-25	2018-08-25
2018-09-01	2018-09-01
2018-09-16	2018-09-16
2018-10-30	2018-10-30
2018-10-31	2018-10-31
2018-11-03	2018-11-03
2019-05-01	2019-05-01
2019-05-15	2019-05-15
2019-06-15	2019-06-15
2019-07-01	2019-07-01
2019-07-15	2019-07-15
2019-07-30	2019-07-30
2019-08-01	2019-08-01
2019-08-15	2019-08-15
2019-08-30	2019-08-30
2019-09-01	2019-09-01
2019-09-15	2019-09-15

2019-09-20	2019-09-20
2019-10-01	2019-10-01
2019-10-30	2019-10-30
2019-11-15	2019-11-15
2019-11-30	2019-11-30

### 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: 0.65 - 2726.20883607003 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 - 572.4 Format: Numeric

### Q229CG: Q229C g. Percentage N (in %)

Data file: fertilizers

#### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 46 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 - 50 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 - 60 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
GuatemalaMaize1	GuatemalaMaize1
GuatemalaSugarcane1	GuatemalaSugarcane1

**COUNTRY: Country****Data file:** seed\_treatment**Overview**

Valid: 0    Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
Guatemala	Guatemala

### 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
15103400	15103400
15103900	15103900
15130400	15130400
15150000	15150000
15150200	15150200
15150300	15150300
15150500	15150500
15150600	15150600
15150800	15150800

15150900	15150900
15151000	15151000
15151200	15151200
15151300	15151300
15151400	15151400
15151500	15151500
15151600	15151600
15153200	15153200
15153300	15153300
15153900	15153900
15154200	15154200
15201200	15201200
15203300	15203300
15203500	15203500
15203600	15203600
15203700	15203700
15204000	15204000
15204300	15204300
15204500	15204500
15205300	15205300
15205500	15205500
15251600	15251600
15251900	15251900
15252300	15252300
15252400	15252400
15252500	15252500

## 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

## 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
Corn	Corn
Sugarcane	Sugarcane

## 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: 12.6 - 68.1552209017509 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
2014-05-10	2014-05-10
2015-04-18	2015-04-18
2015-04-19	2015-04-19
2015-05-05	2015-05-05
2015-05-10	2015-05-10

2015-05-11	2015-05-11
2015-05-14	2015-05-14
2015-05-17	2015-05-17
2015-05-19	2015-05-19
2016-03-15	2016-03-15
2016-03-18	2016-03-18
2016-05-01	2016-05-01
2016-05-05	2016-05-05
2016-05-10	2016-05-10
2016-05-15	2016-05-15
2016-05-18	2016-05-18
2016-05-20	2016-05-20
2016-05-21	2016-05-21
2018-04-15	2018-04-15
2018-04-30	2018-04-30
2018-05-15	2018-05-15
2019-05-05	2019-05-05
2019-05-10	2019-05-10
2019-05-15	2019-05-15

## 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
CARBOXIN	CARBOXIN
CYPERMETHRIN	CYPERMETHRIN
Do not know	Do not know
IMIDACLOPRID	IMIDACLOPRID
LAMBDA CYHALOTHRIN	LAMBDA CYHALOTHRIN
NIKOSULPHURON	NIKOSULPHURON
PARAQUAT	PARAQUAT
PARATHION METHYL	PARATHION METHYL
PROFENOFOS	PROFENOFOS
THIAMETHOXAM	THIAMETHOXAM
THIODICARB	THIODICARB

### C233CP1: CODED VARIABLE - amount of ai1

Data file: seed\_treatment

#### Overview

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 10    Range: 20 - 6000    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
CAPTAN	CAPTAN
CHLORPYRIFOS ETHYL	CHLORPYRIFOS ETHYL
LUFENURON	LUFENURON
SPIROTETRAMAT	SPIROTETRAMAT

**C233CP2: CODED VARIABLE - amount of ai2****Data file:** seed\_treatment**Overview**

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 10    Range: 20 - 450    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 - 23    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	1
2	286.2
3	779.89499999999998
4	350
5	6
6	525
7	2002.8552233792409

8	3845.4820288881428
9	178.875
10	640.91367148135714
11	1431
12	61.712014332101674
13	110.23
14	275.57499999999999
15	71.55
16	2.8620000000000001
17	4.2930000000000001
18	1.431
19	500.85
20	858.6
21	572.4
22	429.3
23	2862

### 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
ML/KG	ML/KG

### 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: 1 - 286.2 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
Cura Semillas	Cura Semillas
DK	DK
Don't know / no answer	Don't know / no answer
Folidol	Folidol
Gallina Ciega	Gallina Ciega
Gallina Ciega Y Gusano Barrenador	Gallina Ciega Y Gusano Barrenador
Gallina Ciega, Hormigas	Gallina Ciega, Hormigas
Gallina Ciega, Hormigas Y Otro Insectos	Gallina Ciega, Hormigas Y Otro Insectos
Gallina Ciego, Gusano Barrenador	Gallina Ciego, Gusano Barrenador
Gallina ciega	Gallina ciega
Gusano cogollero	Gusano cogollero
Insectos	Insectos
Insectos (Gallina Ciega)	Insectos (Gallina Ciega)
Insectos , Gallina Ciega	Insectos , Gallina Ciega
Insectos Como Hormigas Y Gallina Ciega.	Insectos Como Hormigas Y Gallina Ciega.
Malezas	Malezas
No Contentesto	No Contentesto
No Especifico	No Especifico
Plaga	Plaga
Plaga de semilla	Plaga de semilla
Plagas	Plagas
Plagas de suelo	Plagas de suelo
RYSOCTONIA, PHYTYUM, SCLEROTINIUM	RYSOCTONIA, PHYTYUM, SCLEROTINIUM
TRATADOR DE SEMILLAS	TRATADOR DE SEMILLAS
TRATADOR DESEMILLAS	TRATADOR DESEMILLAS
gallina cogollero	gallina cogollero

**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**

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## 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
latam	latam

**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
latin america north	latin america north

**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
guatemalacoffee1	guatemalacoffee1
guatemalamaize1	guatemalamaize1
guatemalasugarcane1	guatemalasugarcane1

## 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
Guatemala	Guatemala

## 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
15100200	15100200
15101700	15101700
15103400	15103400
15103900	15103900
15104600	15104600
15105700	15105700
15130400	15130400
15150000	15150000
15150100	15150100
15150200	15150200
15150300	15150300
15150500	15150500
15150600	15150600
15150700	15150700
15150800	15150800
15150900	15150900
15151000	15151000
15151100	15151100
15151200	15151200
15151300	15151300

15151400	15151400
15151500	15151500
15151600	15151600
15152000	15152000
15152100	15152100
15152200	15152200
15152300	15152300
15152400	15152400
15152500	15152500
15152600	15152600
15152700	15152700
15152800	15152800
15152900	15152900
15153200	15153200
15153300	15153300
15153400	15153400
15153500	15153500
15153600	15153600
15153700	15153700
15153800	15153800
15153900	15153900
15154000	15154000
15154100	15154100
15154200	15154200
15154300	15154300
15154400	15154400
15200100	15200100
15200300	15200300
15200400	15200400
15200500	15200500
15200600	15200600
15200700	15200700
15200800	15200800
15200900	15200900
15201000	15201000
15201100	15201100
15201200	15201200
15201300	15201300
15201400	15201400

15201500	15201500
15201600	15201600
15201800	15201800
15201900	15201900
15202000	15202000
15202100	15202100
15202200	15202200
15202300	15202300
15202400	15202400
15202500	15202500
15202600	15202600
15202700	15202700
15202800	15202800
15202900	15202900
15203000	15203000
15203100	15203100
15203200	15203200
15203300	15203300
15203500	15203500
15203600	15203600
15203700	15203700
15203800	15203800
15204000	15204000
15204100	15204100
15204200	15204200
15204300	15204300
15204400	15204400
15204500	15204500
15204700	15204700
15204800	15204800
15204900	15204900
15205000	15205000
15205100	15205100
15205200	15205200
15205300	15205300
15205400	15205400
15205500	15205500
15206000	15206000
15206100	15206100

15206200	15206200
15206300	15206300
15206400	15206400
15206500	15206500
15206600	15206600
15206700	15206700
15206800	15206800
15206900	15206900
15207000	15207000
15207100	15207100
15207200	15207200
15207300	15207300
15207400	15207400
15207500	15207500
15207600	15207600
15207700	15207700
15251600	15251600
15251700	15251700
15251800	15251800
15251900	15251900
15252000	15252000
15252100	15252100
15252200	15252200
15252300	15252300
15252400	15252400
15252500	15252500
15252600	15252600

## 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
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coffee	coffee
corn	corn
sugarcane	sugarcane

### 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: 0.223619846261356 - 1537.58 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: 0.48923 - 2655.82 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: 0.48923 - 2655.82 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: 0.454285714285714 - 171.72 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 - 3.42417889587701 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 - 168.903 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 - 73.641708 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 - 49.8843327587771 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: 1.69205683671092 - 60.0108863285857 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 - 5.1315 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 - 4.939 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 - 1.25166481687014 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 - 2.85355356870828 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 - 199974.823169763 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: 0.00173311513413795 - 764.4 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 - 976.465009483877 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

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### CATEGORIES

Value	Category
2014-03-07	2014-03-07
2014-03-10	2014-03-10
2014-04-10	2014-04-10
2014-04-11	2014-04-11
2014-04-14	2014-04-14
2014-04-20	2014-04-20
2014-04-22	2014-04-22
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
2014-05-07	2014-05-07
2014-05-08	2014-05-08
2014-05-10	2014-05-10
2014-05-15	2014-05-15
2014-05-20	2014-05-20
2015-03-09	2015-03-09
2015-03-16	2015-03-16
2015-04-06	2015-04-06
2015-04-13	2015-04-13
2015-04-14	2015-04-14
2015-04-15	2015-04-15
2015-04-17	2015-04-17
2015-04-19	2015-04-19
2015-04-20	2015-04-20
2015-04-22	2015-04-22
2015-04-27	2015-04-27
2015-04-29	2015-04-29
2015-05-04	2015-05-04
2015-05-11	2015-05-11
2015-05-14	2015-05-14
2015-11-25	2015-11-25
2015-11-28	2015-11-28
2015-11-30	2015-11-30

2016-01-05	2016-01-05
2016-03-01	2016-03-01
2016-03-03	2016-03-03
2016-03-05	2016-03-05
2016-03-10	2016-03-10
2016-03-15	2016-03-15
2016-03-18	2016-03-18
2016-03-20	2016-03-20
2016-03-21	2016-03-21
2016-04-01	2016-04-01
2016-04-05	2016-04-05
2016-04-23	2016-04-23
2016-04-24	2016-04-24
2016-04-25	2016-04-25
2016-04-26	2016-04-26
2016-04-28	2016-04-28
2016-05-14	2016-05-14
2016-12-12	2016-12-12
2017-02-01	2017-02-01
2017-02-02	2017-02-02
2017-03-01	2017-03-01
2017-03-15	2017-03-15
2017-04-01	2017-04-01
2017-04-05	2017-04-05
2017-04-15	2017-04-15
2017-04-20	2017-04-20
2018-01-30	2018-01-30
2018-02-01	2018-02-01
2018-02-15	2018-02-15
2018-02-28	2018-02-28
2018-03-01	2018-03-01
2018-03-15	2018-03-15
2018-03-30	2018-03-30
2018-04-30	2018-04-30
2019-01-15	2019-01-15
2019-02-01	2019-02-01
2019-02-10	2019-02-10
2019-02-15	2019-02-15
2019-03-10	2019-03-10

2019-03-15	2019-03-15
2019-03-17	2019-03-17
2019-03-27	2019-03-27
2019-04-01	2019-04-01
2019-04-10	2019-04-10
2019-04-15	2019-04-15

## 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

Value	Category
2014-03-23	2014-03-23
2014-04-18	2014-04-18
2014-04-20	2014-04-20
2014-05-03	2014-05-03
2014-05-05	2014-05-05
2014-05-08	2014-05-08
2014-05-09	2014-05-09
2014-05-10	2014-05-10
2014-05-11	2014-05-11
2014-05-12	2014-05-12
2014-05-14	2014-05-14
2014-05-23	2014-05-23
2014-05-25	2014-05-25
2014-06-01	2014-06-01
2014-06-03	2014-06-03
2014-06-08	2014-06-08
2014-06-10	2014-06-10
2014-06-11	2014-06-11
2014-06-15	2014-06-15
2014-07-04	2014-07-04
2014-07-06	2014-07-06

2015-05-06	2015-05-06
2015-05-10	2015-05-10
2015-05-11	2015-05-11
2015-05-13	2015-05-13
2015-05-14	2015-05-14
2015-05-15	2015-05-15
2015-05-18	2015-05-18
2015-05-20	2015-05-20
2015-05-23	2015-05-23
2015-05-25	2015-05-25
2015-06-04	2015-06-04
2015-06-08	2015-06-08
2015-07-01	2015-07-01
2016-01-01	2016-01-01
2016-04-15	2016-04-15
2016-04-18	2016-04-18
2016-05-01	2016-05-01
2016-05-05	2016-05-05
2016-05-10	2016-05-10
2016-05-12	2016-05-12
2016-05-15	2016-05-15
2016-05-18	2016-05-18
2016-05-19	2016-05-19
2016-05-20	2016-05-20
2016-05-21	2016-05-21
2016-05-22	2016-05-22
2017-04-30	2017-04-30
2017-05-01	2017-05-01
2017-05-03	2017-05-03
2017-05-05	2017-05-05
2017-05-06	2017-05-06
2017-05-08	2017-05-08
2017-05-10	2017-05-10
2017-05-12	2017-05-12
2017-05-14	2017-05-14
2017-05-15	2017-05-15
2017-05-19	2017-05-19
2017-05-25	2017-05-25
2017-05-28	2017-05-28

2018-04-15	2018-04-15
2018-04-30	2018-04-30
2018-05-01	2018-05-01
2018-05-03	2018-05-03
2018-05-15	2018-05-15
2018-05-30	2018-05-30
2019-04-01	2019-04-01
2019-04-15	2019-04-15
2019-04-20	2019-04-20
2019-04-30	2019-04-30
2019-05-01	2019-05-01
2019-05-03	2019-05-03
2019-05-05	2019-05-05
2019-05-10	2019-05-10
2019-05-12	2019-05-12
2019-05-13	2019-05-13
2019-05-15	2019-05-15
2019-05-16	2019-05-16
2019-05-18	2019-05-18
2019-05-20	2019-05-20

## **HARVEST\_BEGIN: Date when harvest started**

**Data file:** Farm\_level\_data

### **Overview**

Valid: 0    Invalid: 0

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

### **Questions and instructions**

#### CATEGORIES

<b>Value</b>	<b>Category</b>
2013-10-01	2013-10-01
2013-10-04	2013-10-04
2013-11-01	2013-11-01
2013-11-03	2013-11-03
2013-11-04	2013-11-04
2013-11-05	2013-11-05
2013-11-07	2013-11-07

2013-11-08	2013-11-08
2013-11-15	2013-11-15
2013-11-30	2013-11-30
2013-12-09	2013-12-09
2013-12-10	2013-12-10
2013-12-15	2013-12-15
2014-01-01	2014-01-01
2014-01-15	2014-01-15
2014-01-20	2014-01-20
2014-02-01	2014-02-01
2014-08-03	2014-08-03
2014-08-09	2014-08-09
2014-08-10	2014-08-10
2014-08-15	2014-08-15
2014-08-20	2014-08-20
2014-08-23	2014-08-23
2014-08-25	2014-08-25
2014-08-28	2014-08-28
2014-09-01	2014-09-01
2014-09-05	2014-09-05
2014-09-08	2014-09-08
2014-09-15	2014-09-15
2014-09-18	2014-09-18
2014-09-22	2014-09-22
2014-09-30	2014-09-30
2014-10-01	2014-10-01
2014-10-02	2014-10-02
2014-10-05	2014-10-05
2014-10-06	2014-10-06
2014-10-10	2014-10-10
2014-10-11	2014-10-11
2014-10-15	2014-10-15
2014-10-18	2014-10-18
2014-10-30	2014-10-30
2014-11-03	2014-11-03
2014-11-04	2014-11-04
2014-11-05	2014-11-05
2014-11-10	2014-11-10
2014-11-20	2014-11-20

2014-11-25	2014-11-25
2014-12-15	2014-12-15
2014-12-20	2014-12-20
2015-09-07	2015-09-07
2015-09-16	2015-09-16
2015-09-17	2015-09-17
2015-09-21	2015-09-21
2015-09-23	2015-09-23
2015-09-25	2015-09-25
2015-09-30	2015-09-30
2015-10-01	2015-10-01
2015-10-02	2015-10-02
2015-10-05	2015-10-05
2015-10-08	2015-10-08
2015-10-12	2015-10-12
2015-10-13	2015-10-13
2015-10-14	2015-10-14
2015-10-19	2015-10-19
2015-11-12	2015-11-12
2016-02-01	2016-02-01
2016-02-02	2016-02-02
2016-04-01	2016-04-01
2016-07-05	2016-07-05
2016-07-11	2016-07-11
2016-08-01	2016-08-01
2016-08-05	2016-08-05
2016-09-10	2016-09-10
2016-09-18	2016-09-18
2016-09-20	2016-09-20
2016-10-01	2016-10-01
2016-10-05	2016-10-05
2016-10-10	2016-10-10
2016-10-15	2016-10-15
2016-10-16	2016-10-16
2016-10-18	2016-10-18
2016-10-27	2016-10-27
2016-10-28	2016-10-28
2016-11-01	2016-11-01
2016-11-03	2016-11-03

2016-11-05	2016-11-05
2016-11-10	2016-11-10
2016-11-15	2016-11-15
2016-11-16	2016-11-16
2016-11-18	2016-11-18
2016-11-24	2016-11-24
2016-11-26	2016-11-26
2016-12-01	2016-12-01
2016-12-05	2016-12-05
2016-12-10	2016-12-10
2016-12-11	2016-12-11
2016-12-15	2016-12-15
2016-12-16	2016-12-16
2016-12-18	2016-12-18
2016-12-19	2016-12-19
2017-02-15	2017-02-15
2017-02-16	2017-02-16
2017-10-01	2017-10-01
2017-10-15	2017-10-15
2017-10-20	2017-10-20
2017-10-30	2017-10-30
2017-11-01	2017-11-01
2017-11-14	2017-11-14
2017-11-20	2017-11-20
2017-11-30	2017-11-30
2017-12-01	2017-12-01
2017-12-02	2017-12-02
2017-12-03	2017-12-03
2017-12-08	2017-12-08
2017-12-09	2017-12-09
2017-12-10	2017-12-10
2017-12-12	2017-12-12
2017-12-14	2017-12-14
2017-12-15	2017-12-15
2017-12-16	2017-12-16
2018-01-15	2018-01-15
2018-01-20	2018-01-20
2018-01-30	2018-01-30
2018-02-01	2018-02-01

2018-02-07	2018-02-07
2018-02-10	2018-02-10
2018-02-15	2018-02-15
2018-12-15	2018-12-15
2018-12-28	2018-12-28
2018-12-29	2018-12-29
2019-01-02	2019-01-02
2019-01-04	2019-01-04
2019-01-05	2019-01-05
2019-01-07	2019-01-07
2019-01-09	2019-01-09
2019-01-10	2019-01-10
2019-01-11	2019-01-11
2019-01-13	2019-01-13
2019-01-18	2019-01-18
2019-01-20	2019-01-20
2019-03-02	2019-03-02
2019-12-15	2019-12-15
2019-12-18	2019-12-18
2019-12-30	2019-12-30
2020-01-02	2020-01-02
2020-01-03	2020-01-03
2020-01-04	2020-01-04
2020-01-06	2020-01-06
2020-01-10	2020-01-10
2020-01-12	2020-01-12
2020-01-14	2020-01-14
2020-01-17	2020-01-17
2020-01-18	2020-01-18
2020-01-20	2020-01-20
2020-01-21	2020-01-21
2020-01-22	2020-01-22
2020-01-23	2020-01-23
2020-12-15	2020-12-15

**HARVEST\_END: Date when harvest ended**

**Data file: Farm\_level\_data**

## Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

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### CATEGORIES

Value	Category
2013-10-30	2013-10-30
2013-12-15	2013-12-15
2013-12-19	2013-12-19
2013-12-20	2013-12-20
2014-01-28	2014-01-28
2014-02-15	2014-02-15
2014-03-15	2014-03-15
2014-04-05	2014-04-05
2014-04-07	2014-04-07
2014-05-01	2014-05-01
2014-05-08	2014-05-08
2014-05-09	2014-05-09
2014-05-10	2014-05-10
2014-05-12	2014-05-12
2014-05-15	2014-05-15
2014-05-28	2014-05-28
2014-09-06	2014-09-06
2014-09-10	2014-09-10
2014-09-12	2014-09-12
2014-09-15	2014-09-15
2014-09-20	2014-09-20
2014-09-25	2014-09-25
2014-09-26	2014-09-26
2014-09-28	2014-09-28
2014-09-30	2014-09-30
2014-10-08	2014-10-08
2014-10-11	2014-10-11
2014-10-15	2014-10-15
2014-10-25	2014-10-25
2014-11-02	2014-11-02
2014-11-03	2014-11-03
2014-11-30	2014-11-30

2015-03-10	2015-03-10
2015-03-30	2015-03-30
2015-04-05	2015-04-05
2015-04-15	2015-04-15
2015-04-20	2015-04-20
2015-05-04	2015-05-04
2015-05-05	2015-05-05
2015-05-08	2015-05-08
2015-05-09	2015-05-09
2015-05-10	2015-05-10
2015-05-12	2015-05-12
2015-05-17	2015-05-17
2015-05-20	2015-05-20
2015-05-22	2015-05-22
2015-05-24	2015-05-24
2015-05-28	2015-05-28
2015-09-30	2015-09-30
2015-10-14	2015-10-14
2015-10-15	2015-10-15
2015-10-16	2015-10-16
2015-10-20	2015-10-20
2015-10-23	2015-10-23
2015-10-25	2015-10-25
2015-10-30	2015-10-30
2015-11-05	2015-11-05
2015-11-06	2015-11-06
2015-11-10	2015-11-10
2015-11-27	2015-11-27
2015-12-19	2015-12-19
2016-03-28	2016-03-28
2016-03-30	2016-03-30
2016-06-01	2016-06-01
2016-09-23	2016-09-23
2016-09-27	2016-09-27
2016-09-30	2016-09-30
2016-11-02	2016-11-02
2016-11-05	2016-11-05
2016-11-10	2016-11-10
2016-11-22	2016-11-22

2016-12-02	2016-12-02
2016-12-15	2016-12-15
2016-12-18	2016-12-18
2016-12-21	2016-12-21
2016-12-30	2016-12-30
2016-12-31	2016-12-31
2017-01-01	2017-01-01
2017-01-10	2017-01-10
2017-01-15	2017-01-15
2017-01-18	2017-01-18
2017-01-20	2017-01-20
2017-01-21	2017-01-21
2017-01-25	2017-01-25
2017-01-30	2017-01-30
2017-01-31	2017-01-31
2017-02-01	2017-02-01
2017-02-02	2017-02-02
2017-02-03	2017-02-03
2017-02-05	2017-02-05
2017-02-18	2017-02-18
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
2017-03-05	2017-03-05
2017-03-11	2017-03-11
2017-03-20	2017-03-20
2017-04-20	2017-04-20
2017-05-30	2017-05-30
2017-12-01	2017-12-01
2017-12-09	2017-12-09
2017-12-15	2017-12-15
2017-12-30	2017-12-30
2018-01-01	2018-01-01
2018-01-05	2018-01-05
2018-01-10	2018-01-10
2018-01-12	2018-01-12
2018-01-15	2018-01-15

2018-01-16	2018-01-16
2018-01-20	2018-01-20
2018-02-20	2018-02-20
2018-02-25	2018-02-25
2018-02-28	2018-02-28
2018-03-01	2018-03-01
2018-03-10	2018-03-10
2018-03-28	2018-03-28
2018-12-15	2018-12-15
2018-12-28	2018-12-28
2018-12-29	2018-12-29
2019-01-03	2019-01-03
2019-01-04	2019-01-04
2019-01-05	2019-01-05
2019-01-07	2019-01-07
2019-01-08	2019-01-08
2019-01-10	2019-01-10
2019-01-11	2019-01-11
2019-01-23	2019-01-23
2019-02-16	2019-02-16
2019-03-04	2019-03-04
2019-12-21	2019-12-21
2019-12-28	2019-12-28
2019-12-30	2019-12-30
2019-12-31	2019-12-31
2020-01-03	2020-01-03
2020-01-07	2020-01-07
2020-01-10	2020-01-10
2020-01-15	2020-01-15
2020-01-16	2020-01-16
2020-01-18	2020-01-18
2020-01-20	2020-01-20
2020-01-21	2020-01-21
2020-01-22	2020-01-22
2020-01-24	2020-01-24
2020-01-28	2020-01-28
2020-01-31	2020-01-31
2020-12-18	2020-12-18



**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
latin america north	latin america north

**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
Guatemala	Guatemala

**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
guatemalacoffee1	guatemalacoffee1
guatemalamaize1	guatemalamaize1
guatemalasugarcane1	guatemalasugarcane1

**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
15100200	15100200
15101700	15101700
15103400	15103400
15103900	15103900
15104600	15104600
15105700	15105700
15130400	15130400
15150000	15150000
15150100	15150100
15150200	15150200
15150300	15150300
15150500	15150500
15150600	15150600
15150700	15150700
15150800	15150800
15150900	15150900
15151000	15151000
15151100	15151100
15151200	15151200
15151300	15151300
15151400	15151400
15151500	15151500
15151600	15151600
15152000	15152000
15152100	15152100
15152200	15152200
15152300	15152300
15152400	15152400
15152500	15152500
15152600	15152600

15152700	15152700
15152800	15152800
15152900	15152900
15153200	15153200
15153300	15153300
15153400	15153400
15153500	15153500
15153600	15153600
15153700	15153700
15153800	15153800
15153900	15153900
15154000	15154000
15154100	15154100
15154200	15154200
15154300	15154300
15154400	15154400
15200100	15200100
15200300	15200300
15200400	15200400
15200500	15200500
15200600	15200600
15200700	15200700
15200800	15200800
15200900	15200900
15201000	15201000
15201100	15201100
15201200	15201200
15201300	15201300
15201400	15201400
15201500	15201500
15201600	15201600
15201800	15201800
15201900	15201900
15202000	15202000
15202100	15202100
15202200	15202200
15202300	15202300
15202400	15202400
15202500	15202500

15202600	15202600
15202700	15202700
15202800	15202800
15202900	15202900
15203000	15203000
15203100	15203100
15203200	15203200
15203300	15203300
15203500	15203500
15203600	15203600
15203700	15203700
15203800	15203800
15204000	15204000
15204100	15204100
15204200	15204200
15204300	15204300
15204400	15204400
15204500	15204500
15204700	15204700
15204800	15204800
15204900	15204900
15205000	15205000
15205100	15205100
15205200	15205200
15205300	15205300
15205400	15205400
15205500	15205500
15206000	15206000
15206100	15206100
15206200	15206200
15206300	15206300
15206400	15206400
15206500	15206500
15206600	15206600
15206700	15206700
15206800	15206800
15206900	15206900
15207000	15207000
15207100	15207100

15207200	15207200
15207300	15207300
15207400	15207400
15207500	15207500
15207600	15207600
15207700	15207700
15251600	15251600
15251700	15251700
15251800	15251800
15251900	15251900
15252000	15252000
15252100	15252100
15252200	15252200
15252300	15252300
15252400	15252400
15252500	15252500
15252600	15252600

## 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
coffee	coffee
corn	corn
sugarcane	sugarcane

**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\_96: Q56A2. Growing area changed from previous year- 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

**Q56A2\_99: Q56A2. Growing area changed from previous year? 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

**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
other specify:	other specify:
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: 0.648979591836735 - 94.1 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: 1924 - 1997    Format: Numeric

## 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

## 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

### 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 - 4 Format: Numeric

#### Questions and instructions

##### CATEGORIES

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

1	from conventional tillage to reduced tillage
2	from no tillage to reduced tillage
3	from conventional tillage to no tillage
4	from no tillage to conventional tillage

### 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: 0 - 56 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 - 3 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category
1	Full-time grower
2	other specify:
3	Part-time grower

### 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: 2 - 70 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
03	03
04	04
05	05
06	06
07	07
08	08
09	09
10 very satisfied	10 very satisfied

**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 - 10 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: 2 - 20 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 - 6 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 - 3 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category
1	from grassland to arable land
2	from forest to arable land
3	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 - 18 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\_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\_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\_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\_58: Q66. Which crops do you intercrop? Lettuce

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\_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\_99: Q66. Which crops do you intercrop? 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

## 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\_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\_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

**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
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\_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\_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
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### 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	sand soil
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 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category
1	yes
2	no

### 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

### 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
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\_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 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
1	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 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
1	not very useful

**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 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	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
1	Mentioned

**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\_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
Lo ocupa todo. No sobra el producto.	Lo ocupa todo. No sobra el producto.
No hay residuos	No hay residuos
No sobra agua residual	No sobra agua residual
enterrarlo	enterrarlo

**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 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	not mentioned
2	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

### 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
2014-03-07	2014-03-07
2014-03-10	2014-03-10
2014-04-10	2014-04-10
2014-04-11	2014-04-11
2014-04-14	2014-04-14
2014-04-20	2014-04-20
2014-04-22	2014-04-22
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
2014-05-07	2014-05-07
2014-05-08	2014-05-08
2014-05-10	2014-05-10
2014-05-15	2014-05-15
2014-05-20	2014-05-20
2015-11-25	2015-11-25
2015-11-28	2015-11-28
2015-11-30	2015-11-30
2016-01-05	2016-01-05
2016-03-01	2016-03-01
2016-03-03	2016-03-03
2016-03-05	2016-03-05
2016-03-10	2016-03-10
2016-03-15	2016-03-15
2016-03-18	2016-03-18
2016-03-20	2016-03-20
2016-03-21	2016-03-21
2016-04-01	2016-04-01
2016-04-05	2016-04-05
2016-04-23	2016-04-23
2016-04-24	2016-04-24
2016-04-25	2016-04-25
2016-04-26	2016-04-26
2016-04-28	2016-04-28
2016-12-12	2016-12-12
2017-02-01	2017-02-01

2017-02-02	2017-02-02
2017-03-01	2017-03-01
2017-03-15	2017-03-15
2017-04-01	2017-04-01
2017-04-05	2017-04-05
2017-04-15	2017-04-15
2017-04-20	2017-04-20
2018-01-30	2018-01-30
2018-02-01	2018-02-01
2018-02-15	2018-02-15
2018-02-28	2018-02-28
2018-03-01	2018-03-01
2018-03-15	2018-03-15
2018-03-30	2018-03-30
2018-04-30	2018-04-30
2019-01-15	2019-01-15
2019-02-01	2019-02-01
2019-02-10	2019-02-10
2019-02-15	2019-02-15
2019-03-10	2019-03-10
2019-03-15	2019-03-15
2019-03-17	2019-03-17
2019-03-27	2019-03-27
2019-04-01	2019-04-01
2019-04-10	2019-04-10
2019-04-15	2019-04-15

### 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: 5.1927787353715 - 68.1552209017509 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

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### CATEGORIES

Value	Category
2014-03-23	2014-03-23
2014-04-18	2014-04-18
2014-04-20	2014-04-20
2014-05-03	2014-05-03
2014-05-05	2014-05-05
2014-05-08	2014-05-08
2014-05-09	2014-05-09
2014-05-10	2014-05-10
2014-05-11	2014-05-11
2014-05-12	2014-05-12
2014-05-14	2014-05-14
2014-05-23	2014-05-23
2014-05-25	2014-05-25
2014-06-01	2014-06-01
2014-06-03	2014-06-03
2014-06-08	2014-06-08
2014-06-10	2014-06-10
2014-06-11	2014-06-11
2014-06-15	2014-06-15
2014-07-04	2014-07-04
2014-07-06	2014-07-06
2015-07-01	2015-07-01
2016-04-15	2016-04-15
2016-04-18	2016-04-18
2016-05-01	2016-05-01
2016-05-05	2016-05-05
2016-05-10	2016-05-10
2016-05-12	2016-05-12
2016-05-15	2016-05-15
2016-05-18	2016-05-18
2016-05-19	2016-05-19
2016-05-20	2016-05-20
2016-05-21	2016-05-21
2016-05-22	2016-05-22

2017-04-30	2017-04-30
2017-05-01	2017-05-01
2017-05-03	2017-05-03
2017-05-05	2017-05-05
2017-05-06	2017-05-06
2017-05-08	2017-05-08
2017-05-10	2017-05-10
2017-05-12	2017-05-12
2017-05-14	2017-05-14
2017-05-15	2017-05-15
2017-05-19	2017-05-19
2017-05-25	2017-05-25
2017-05-28	2017-05-28
2018-04-15	2018-04-15
2018-04-30	2018-04-30
2018-05-01	2018-05-01
2018-05-03	2018-05-03
2018-05-15	2018-05-15
2018-05-30	2018-05-30
2019-04-01	2019-04-01
2019-04-15	2019-04-15
2019-04-20	2019-04-20
2019-04-30	2019-04-30
2019-05-01	2019-05-01
2019-05-03	2019-05-03
2019-05-05	2019-05-05
2019-05-10	2019-05-10
2019-05-12	2019-05-12
2019-05-13	2019-05-13
2019-05-15	2019-05-15
2019-05-16	2019-05-16
2019-05-18	2019-05-18
2019-05-20	2019-05-20

### 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

## Q197: Q197. What is the year of planting 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
1986	1986
1989	1989
1990	1990
1992	1992
1994	1994
1995	1995
1996	1996
1998	1998
2000	2000
2001	2001
2002	2002
2003	2003
2004	2004
2005	2005
2006	2006
2007	2007
2008	2008
2009	2009
2010	2010
2011	2011

2012	2012
2013	2013

### Q183: Q183. Do you prune 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

### Q4062A: Q4062. When did the pruning period of the trees 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
2016-01-05	2016-01-05
2016-01-10	2016-01-10
2016-01-15	2016-01-15
2016-01-18	2016-01-18
2016-02-01	2016-02-01
2016-02-10	2016-02-10
2016-02-15	2016-02-15
2016-02-17	2016-02-17
2016-03-01	2016-03-01
2016-03-15	2016-03-15
2016-03-18	2016-03-18
2016-03-23	2016-03-23

2016-04-05	2016-04-05
2016-04-08	2016-04-08
2016-04-10	2016-04-10
2016-04-15	2016-04-15
2016-05-01	2016-05-01
2017-01-01	2017-01-01
2017-03-01	2017-03-01
2017-03-02	2017-03-02
2017-03-03	2017-03-03
2017-04-01	2017-04-01
2017-04-30	2017-04-30

### Q4062B: Q4062. When did the pruning period of the trees 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
2016-03-01	2016-03-01
2016-03-05	2016-03-05
2016-03-15	2016-03-15
2016-03-21	2016-03-21
2016-03-22	2016-03-22
2016-03-25	2016-03-25
2016-03-30	2016-03-30
2016-03-31	2016-03-31
2016-04-15	2016-04-15
2016-04-18	2016-04-18
2016-04-21	2016-04-21
2016-05-05	2016-05-05
2016-05-15	2016-05-15
2016-05-18	2016-05-18
2016-05-20	2016-05-20
2016-05-25	2016-05-25

2016-06-01	2016-06-01
2017-02-01	2017-02-01
2017-03-15	2017-03-15
2017-03-20	2017-03-20
2017-03-30	2017-03-30
2017-04-01	2017-04-01
2017-04-02	2017-04-02
2017-04-05	2017-04-05
2017-04-07	2017-04-07
2017-04-15	2017-04-15
2017-05-01	2017-05-01
2017-05-05	2017-05-05
2017-05-10	2017-05-10
2017-05-30	2017-05-30

### 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 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category
1	i did not receive any kind of crop program
2	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 - 4 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 - 3 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 - 5 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
1	low
2	no pressure
3	medium
4	high
5	don't know/no answer

**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 - 1 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category
1	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 - 6 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: 3.4 - 18 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
2013-10-01	2013-10-01
2013-10-04	2013-10-04
2013-11-01	2013-11-01
2013-11-03	2013-11-03
2013-11-04	2013-11-04
2013-11-05	2013-11-05
2013-11-07	2013-11-07
2013-11-08	2013-11-08
2013-11-15	2013-11-15
2013-11-30	2013-11-30
2013-12-01	2013-12-01
2013-12-02	2013-12-02
2013-12-03	2013-12-03
2013-12-05	2013-12-05
2013-12-06	2013-12-06
2013-12-09	2013-12-09
2013-12-10	2013-12-10
2013-12-14	2013-12-14
2013-12-15	2013-12-15
2013-12-20	2013-12-20
2014-01-01	2014-01-01
2014-01-15	2014-01-15
2014-01-20	2014-01-20
2014-02-01	2014-02-01
2014-08-03	2014-08-03
2014-08-09	2014-08-09
2014-08-10	2014-08-10
2014-08-15	2014-08-15

2014-08-20	2014-08-20
2014-08-23	2014-08-23
2014-08-25	2014-08-25
2014-08-28	2014-08-28
2014-09-01	2014-09-01
2014-09-05	2014-09-05
2014-09-08	2014-09-08
2014-09-15	2014-09-15
2014-09-18	2014-09-18
2014-09-22	2014-09-22
2014-09-30	2014-09-30
2014-10-01	2014-10-01
2014-10-10	2014-10-10
2014-10-30	2014-10-30
2016-08-01	2016-08-01
2016-08-05	2016-08-05
2016-09-10	2016-09-10
2016-09-18	2016-09-18
2016-09-20	2016-09-20
2016-10-15	2016-10-15
2016-10-16	2016-10-16
2016-10-27	2016-10-27
2016-10-28	2016-10-28
2016-11-01	2016-11-01
2016-11-10	2016-11-10
2016-11-15	2016-11-15
2016-11-16	2016-11-16
2016-12-01	2016-12-01
2016-12-10	2016-12-10
2016-12-15	2016-12-15
2016-12-18	2016-12-18
2016-12-19	2016-12-19
2017-02-15	2017-02-15
2017-02-16	2017-02-16
2017-11-30	2017-11-30
2017-12-01	2017-12-01
2017-12-02	2017-12-02
2017-12-03	2017-12-03
2017-12-08	2017-12-08

2017-12-09	2017-12-09
2017-12-10	2017-12-10
2017-12-12	2017-12-12
2017-12-14	2017-12-14
2017-12-15	2017-12-15
2017-12-16	2017-12-16
2018-12-15	2018-12-15
2018-12-28	2018-12-28
2018-12-29	2018-12-29
2019-01-02	2019-01-02
2019-01-04	2019-01-04
2019-01-05	2019-01-05
2019-01-07	2019-01-07
2019-01-09	2019-01-09
2019-01-10	2019-01-10
2019-01-11	2019-01-11
2019-01-13	2019-01-13
2019-01-18	2019-01-18
2019-01-20	2019-01-20
2019-03-02	2019-03-02
2019-12-15	2019-12-15
2019-12-18	2019-12-18
2019-12-30	2019-12-30
2020-01-02	2020-01-02
2020-01-03	2020-01-03
2020-01-04	2020-01-04
2020-01-06	2020-01-06
2020-01-10	2020-01-10
2020-01-12	2020-01-12
2020-01-14	2020-01-14
2020-01-17	2020-01-17
2020-01-18	2020-01-18
2020-01-20	2020-01-20
2020-01-21	2020-01-21
2020-01-22	2020-01-22
2020-01-23	2020-01-23
2020-12-15	2020-12-15

**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
2013-10-30	2013-10-30
2013-12-15	2013-12-15
2013-12-19	2013-12-19
2013-12-20	2013-12-20
2014-01-03	2014-01-03
2014-01-06	2014-01-06
2014-01-14	2014-01-14
2014-01-15	2014-01-15
2014-01-20	2014-01-20
2014-01-28	2014-01-28
2014-02-01	2014-02-01
2014-02-02	2014-02-02
2014-02-03	2014-02-03
2014-02-05	2014-02-05
2014-02-07	2014-02-07
2014-02-15	2014-02-15
2014-03-15	2014-03-15
2014-04-05	2014-04-05
2014-04-07	2014-04-07
2014-05-01	2014-05-01
2014-05-08	2014-05-08
2014-05-09	2014-05-09
2014-05-10	2014-05-10
2014-05-12	2014-05-12
2014-05-15	2014-05-15
2014-05-28	2014-05-28
2014-09-06	2014-09-06
2014-09-10	2014-09-10
2014-09-12	2014-09-12
2014-09-15	2014-09-15

2014-09-20	2014-09-20
2014-09-25	2014-09-25
2014-09-26	2014-09-26
2014-09-28	2014-09-28
2014-09-30	2014-09-30
2014-10-08	2014-10-08
2014-10-11	2014-10-11
2014-10-15	2014-10-15
2014-10-25	2014-10-25
2014-11-02	2014-11-02
2014-11-03	2014-11-03
2014-11-30	2014-11-30
2016-09-23	2016-09-23
2016-09-27	2016-09-27
2016-09-30	2016-09-30
2016-11-02	2016-11-02
2016-11-05	2016-11-05
2016-11-10	2016-11-10
2016-11-22	2016-11-22
2016-12-02	2016-12-02
2016-12-15	2016-12-15
2016-12-21	2016-12-21
2016-12-30	2016-12-30
2016-12-31	2016-12-31
2017-01-15	2017-01-15
2017-01-18	2017-01-18
2017-01-21	2017-01-21
2017-01-25	2017-01-25
2017-01-31	2017-01-31
2017-02-21	2017-02-21
2017-03-20	2017-03-20
2017-04-20	2017-04-20
2017-12-09	2017-12-09
2017-12-30	2017-12-30
2018-01-05	2018-01-05
2018-01-10	2018-01-10
2018-01-12	2018-01-12
2018-01-15	2018-01-15
2018-01-16	2018-01-16

2018-12-15	2018-12-15
2018-12-28	2018-12-28
2018-12-29	2018-12-29
2019-01-03	2019-01-03
2019-01-04	2019-01-04
2019-01-05	2019-01-05
2019-01-07	2019-01-07
2019-01-08	2019-01-08
2019-01-10	2019-01-10
2019-01-11	2019-01-11
2019-01-23	2019-01-23
2019-02-16	2019-02-16
2019-03-04	2019-03-04
2019-12-21	2019-12-21
2019-12-28	2019-12-28
2019-12-30	2019-12-30
2019-12-31	2019-12-31
2020-01-03	2020-01-03
2020-01-07	2020-01-07
2020-01-10	2020-01-10
2020-01-15	2020-01-15
2020-01-16	2020-01-16
2020-01-18	2020-01-18
2020-01-20	2020-01-20
2020-01-21	2020-01-21
2020-01-22	2020-01-22
2020-01-24	2020-01-24
2020-01-28	2020-01-28
2020-01-31	2020-01-31
2020-12-18	2020-12-18

## 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

#### Q274A: Q274. Yield that has been achieved for growing area A for corn in per ? Grain yield

Data file: Global\_farm\_data

##### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0.454285714285714 - 3.89387755102041 Format: Numeric

#### Q274B: Q274. Yield that has been achieved for growing area A for corn in per ? Silage yield

Data file: Global\_farm\_data

##### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0.973469387755102 - 152069 Format: Numeric

#### Q274C: Q274. Yield that has been achieved for growing area A for corn in per ? Cobs yield

Data file: Global\_farm\_data

##### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 1.33 - 4.15 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
---	-----------

### 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\_4: Q4094. Who measured the yield on each of the growing areas? Independent 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

### 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

### 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 - 40 Format: Numeric

**Q201: Q201. When did the first trees reach the flowering stage 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
2013-04-01	2013-04-01
2013-04-03	2013-04-03
2013-04-10	2013-04-10
2013-05-01	2013-05-01
2013-05-04	2013-05-04
2013-05-24	2013-05-24
2013-06-01	2013-06-01
2013-06-03	2013-06-03
2013-06-05	2013-06-05
2014-02-04	2014-02-04
2014-05-15	2014-05-15
2014-05-18	2014-05-18
2014-05-20	2014-05-20
2014-05-25	2014-05-25
2014-10-06	2014-10-06
2016-03-15	2016-03-15
2016-04-05	2016-04-05
2016-05-08	2016-05-08
2016-05-10	2016-05-10
2016-05-15	2016-05-15
2016-05-18	2016-05-18

2016-05-30	2016-05-30
2016-06-12	2016-06-12
2016-06-27	2016-06-27
2016-07-01	2016-07-01
2016-07-25	2016-07-25
2016-07-30	2016-07-30
2016-09-09	2016-09-09
2016-09-10	2016-09-10
2016-09-11	2016-09-11
2016-09-15	2016-09-15
2016-09-18	2016-09-18
2016-10-10	2016-10-10
2016-10-12	2016-10-12
2017-04-01	2017-04-01
2017-04-30	2017-04-30
2017-05-01	2017-05-01
2017-05-15	2017-05-15
2017-05-30	2017-05-30
2017-06-01	2017-06-01

### Q204: Q204. Could you please indicate the average number of fruits per tree for ?

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 100 - 8000 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
2013-10-01	2013-10-01
2013-10-04	2013-10-04

2013-11-01	2013-11-01
2013-11-03	2013-11-03
2013-11-04	2013-11-04
2013-11-05	2013-11-05
2013-11-07	2013-11-07
2013-11-08	2013-11-08
2013-11-15	2013-11-15
2013-11-30	2013-11-30
2013-12-01	2013-12-01
2013-12-02	2013-12-02
2013-12-03	2013-12-03
2013-12-05	2013-12-05
2013-12-06	2013-12-06
2013-12-09	2013-12-09
2013-12-10	2013-12-10
2013-12-14	2013-12-14
2013-12-15	2013-12-15
2013-12-20	2013-12-20
2014-01-01	2014-01-01
2014-01-15	2014-01-15
2014-01-20	2014-01-20
2014-02-01	2014-02-01
2014-08-03	2014-08-03
2014-08-09	2014-08-09
2014-08-10	2014-08-10
2014-08-15	2014-08-15
2014-08-20	2014-08-20
2014-08-23	2014-08-23
2014-08-25	2014-08-25
2014-08-28	2014-08-28
2014-09-01	2014-09-01
2014-09-05	2014-09-05
2014-09-08	2014-09-08
2014-09-15	2014-09-15
2014-09-18	2014-09-18
2014-09-22	2014-09-22
2014-09-30	2014-09-30
2014-10-01	2014-10-01
2014-10-10	2014-10-10

2014-10-14	2014-10-14
2014-10-30	2014-10-30
2014-11-15	2014-11-15
2014-11-16	2014-11-16
2014-11-20	2014-11-20
2014-11-30	2014-11-30
2014-12-04	2014-12-04
2014-12-09	2014-12-09
2014-12-10	2014-12-10
2014-12-12	2014-12-12
2014-12-15	2014-12-15
2016-07-05	2016-07-05
2016-10-01	2016-10-01
2016-10-05	2016-10-05
2016-10-10	2016-10-10
2016-10-15	2016-10-15
2016-10-18	2016-10-18
2016-11-01	2016-11-01
2016-11-05	2016-11-05
2016-11-15	2016-11-15
2016-11-16	2016-11-16
2016-11-18	2016-11-18
2016-11-24	2016-11-24
2016-12-01	2016-12-01
2016-12-05	2016-12-05
2016-12-11	2016-12-11
2016-12-16	2016-12-16
2017-10-01	2017-10-01
2017-10-15	2017-10-15
2017-10-20	2017-10-20
2017-10-30	2017-10-30
2017-11-01	2017-11-01
2017-11-14	2017-11-14
2017-11-20	2017-11-20
2018-01-15	2018-01-15
2018-01-20	2018-01-20
2018-01-30	2018-01-30
2018-02-01	2018-02-01
2018-02-07	2018-02-07

2018-02-10	2018-02-10
2018-02-15	2018-02-15

### 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
2013-10-30	2013-10-30
2013-12-15	2013-12-15
2013-12-19	2013-12-19
2013-12-20	2013-12-20
2014-01-03	2014-01-03
2014-01-06	2014-01-06
2014-01-14	2014-01-14
2014-01-15	2014-01-15
2014-01-20	2014-01-20
2014-01-28	2014-01-28
2014-02-01	2014-02-01
2014-02-02	2014-02-02
2014-02-03	2014-02-03
2014-02-05	2014-02-05
2014-02-07	2014-02-07
2014-02-15	2014-02-15
2014-03-15	2014-03-15
2014-04-05	2014-04-05
2014-04-07	2014-04-07
2014-05-01	2014-05-01
2014-05-08	2014-05-08
2014-05-09	2014-05-09
2014-05-10	2014-05-10
2014-05-12	2014-05-12
2014-05-15	2014-05-15

2014-05-28	2014-05-28
2014-09-06	2014-09-06
2014-09-10	2014-09-10
2014-09-12	2014-09-12
2014-09-15	2014-09-15
2014-09-20	2014-09-20
2014-09-25	2014-09-25
2014-09-26	2014-09-26
2014-09-28	2014-09-28
2014-09-30	2014-09-30
2014-10-08	2014-10-08
2014-10-11	2014-10-11
2014-10-15	2014-10-15
2014-10-25	2014-10-25
2014-11-02	2014-11-02
2014-11-03	2014-11-03
2014-11-30	2014-11-30
2015-02-02	2015-02-02
2015-02-04	2015-02-04
2015-02-08	2015-02-08
2015-02-10	2015-02-10
2015-02-15	2015-02-15
2015-02-16	2015-02-16
2015-03-03	2015-03-03
2015-03-04	2015-03-04
2015-03-05	2015-03-05
2015-03-12	2015-03-12
2015-03-20	2015-03-20
2016-12-18	2016-12-18
2016-12-30	2016-12-30
2016-12-31	2016-12-31
2017-01-01	2017-01-01
2017-01-10	2017-01-10
2017-01-18	2017-01-18
2017-01-20	2017-01-20
2017-01-30	2017-01-30
2017-01-31	2017-01-31
2017-02-01	2017-02-01
2017-02-02	2017-02-02

2017-02-03	2017-02-03
2017-02-18	2017-02-18
2017-02-28	2017-02-28
2017-03-11	2017-03-11
2017-12-01	2017-12-01
2017-12-15	2017-12-15
2018-01-01	2018-01-01
2018-01-15	2018-01-15
2018-01-20	2018-01-20
2018-02-20	2018-02-20
2018-02-25	2018-02-25
2018-02-28	2018-02-28
2018-03-01	2018-03-01
2018-03-10	2018-03-10
2018-03-28	2018-03-28

### Q360BB: Q360b. 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	no
2	yes

### Q362: Q362. What is the coffee yield that has been achieved for coffee in per ?

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0.584081632653061 - 12.9795918367347 Format: Numeric

### Q3630: Q3630. What is the percentage fruit losses/damaged for ?.

Data file: Global\_farm\_data

**Overview**

Valid: 0 Invalid: 0

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

**Q144: Q144. What is the final stand for sugarcane? number of plants per .****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 1 - 18 Format: Numeric

**Q148C: Q148. C. % of sugarcane failures in %-age at 60 days after planting for sugarcane?****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

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

**Q148D: Q148. D. % of sugarcane failures in %-age at 200 days after planting for sugarcane?****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 1 - 90 Format: Numeric

**Q148E: Q148. E. Prior to harvest, % of the plot area that is lodged for sugarcane?****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

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

**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**

## CATEGORIES

Value	Category
2013-10-01	2013-10-01
2013-10-04	2013-10-04
2013-11-01	2013-11-01
2013-11-03	2013-11-03
2013-11-04	2013-11-04
2013-11-05	2013-11-05
2013-11-07	2013-11-07
2013-11-08	2013-11-08
2013-11-15	2013-11-15
2013-11-30	2013-11-30
2013-12-01	2013-12-01
2013-12-02	2013-12-02
2013-12-03	2013-12-03
2013-12-05	2013-12-05
2013-12-06	2013-12-06
2013-12-09	2013-12-09
2013-12-10	2013-12-10
2013-12-14	2013-12-14
2013-12-15	2013-12-15
2013-12-20	2013-12-20
2014-01-01	2014-01-01
2014-01-15	2014-01-15
2014-01-20	2014-01-20
2014-02-01	2014-02-01
2014-08-03	2014-08-03
2014-08-09	2014-08-09
2014-08-10	2014-08-10
2014-08-15	2014-08-15
2014-08-20	2014-08-20
2014-08-23	2014-08-23
2014-08-25	2014-08-25
2014-08-28	2014-08-28
2014-09-01	2014-09-01
2014-09-05	2014-09-05
2014-09-08	2014-09-08
2014-09-15	2014-09-15
2014-09-18	2014-09-18

2014-09-22	2014-09-22
2014-09-30	2014-09-30
2014-10-01	2014-10-01
2014-10-02	2014-10-02
2014-10-05	2014-10-05
2014-10-06	2014-10-06
2014-10-10	2014-10-10
2014-10-11	2014-10-11
2014-10-15	2014-10-15
2014-10-18	2014-10-18
2014-10-30	2014-10-30
2014-11-03	2014-11-03
2014-11-04	2014-11-04
2014-11-05	2014-11-05
2014-11-10	2014-11-10
2014-11-20	2014-11-20
2014-11-25	2014-11-25
2014-12-15	2014-12-15
2014-12-20	2014-12-20
2016-02-01	2016-02-01
2016-02-02	2016-02-02
2016-04-01	2016-04-01
2016-07-11	2016-07-11
2016-11-01	2016-11-01
2016-11-03	2016-11-03
2016-11-05	2016-11-05
2016-11-26	2016-11-26

### 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
-------	----------

2013-10-30	2013-10-30
2013-12-15	2013-12-15
2013-12-19	2013-12-19
2013-12-20	2013-12-20
2014-01-03	2014-01-03
2014-01-06	2014-01-06
2014-01-14	2014-01-14
2014-01-15	2014-01-15
2014-01-20	2014-01-20
2014-01-28	2014-01-28
2014-02-01	2014-02-01
2014-02-02	2014-02-02
2014-02-03	2014-02-03
2014-02-05	2014-02-05
2014-02-07	2014-02-07
2014-02-15	2014-02-15
2014-03-15	2014-03-15
2014-04-05	2014-04-05
2014-04-07	2014-04-07
2014-05-01	2014-05-01
2014-05-08	2014-05-08
2014-05-09	2014-05-09
2014-05-10	2014-05-10
2014-05-12	2014-05-12
2014-05-15	2014-05-15
2014-05-28	2014-05-28
2014-09-06	2014-09-06
2014-09-10	2014-09-10
2014-09-12	2014-09-12
2014-09-15	2014-09-15
2014-09-20	2014-09-20
2014-09-25	2014-09-25
2014-09-26	2014-09-26
2014-09-28	2014-09-28
2014-09-30	2014-09-30
2014-10-08	2014-10-08
2014-10-11	2014-10-11
2014-10-15	2014-10-15
2014-10-25	2014-10-25

2014-11-02	2014-11-02
2014-11-03	2014-11-03
2014-11-30	2014-11-30
2015-03-10	2015-03-10
2015-03-30	2015-03-30
2015-04-05	2015-04-05
2015-04-15	2015-04-15
2015-04-20	2015-04-20
2015-05-04	2015-05-04
2015-05-05	2015-05-05
2015-05-08	2015-05-08
2015-05-09	2015-05-09
2015-05-10	2015-05-10
2015-05-12	2015-05-12
2015-05-17	2015-05-17
2015-05-20	2015-05-20
2015-05-22	2015-05-22
2015-05-24	2015-05-24
2015-05-28	2015-05-28
2016-03-28	2016-03-28
2016-03-30	2016-03-30
2016-06-01	2016-06-01
2017-02-01	2017-02-01
2017-02-02	2017-02-02
2017-02-05	2017-02-05
2017-03-01	2017-03-01
2017-03-02	2017-03-02
2017-03-03	2017-03-03
2017-03-05	2017-03-05
2017-05-30	2017-05-30

**Q320: Q320. What is the total of cane per that has been achieved for sugarcane?**

**Data file:** Global\_farm\_data

### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 64.9 - 171.72 Format: Numeric

### Q321: Q321. What is the TRS (total recovered sugar) for sugarcane? Please write down the TRS. /

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 1 - 1100 Format: Numeric

### Q324: Q324. Nitrogen content (N) of cane for each growing area of sugarcane?.

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 85 Format: Numeric

### 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
2013-10-01	2013-10-01
2013-10-04	2013-10-04
2013-11-01	2013-11-01
2013-11-03	2013-11-03
2013-11-04	2013-11-04
2013-11-05	2013-11-05
2013-11-07	2013-11-07
2013-11-08	2013-11-08
2013-11-15	2013-11-15
2013-11-30	2013-11-30
2013-12-01	2013-12-01
2013-12-02	2013-12-02
2013-12-03	2013-12-03
2013-12-05	2013-12-05
2013-12-06	2013-12-06

2013-12-09	2013-12-09
2013-12-10	2013-12-10
2013-12-14	2013-12-14
2013-12-15	2013-12-15
2013-12-20	2013-12-20
2014-01-01	2014-01-01
2014-01-15	2014-01-15
2014-01-20	2014-01-20
2014-02-01	2014-02-01
2014-08-03	2014-08-03
2014-08-09	2014-08-09
2014-08-10	2014-08-10
2014-08-15	2014-08-15
2014-08-20	2014-08-20
2014-08-23	2014-08-23
2014-08-25	2014-08-25
2014-08-28	2014-08-28
2014-09-01	2014-09-01
2014-09-05	2014-09-05
2014-09-08	2014-09-08
2014-09-15	2014-09-15
2014-09-18	2014-09-18
2014-09-22	2014-09-22
2014-09-30	2014-09-30
2014-10-01	2014-10-01
2014-10-10	2014-10-10
2014-10-30	2014-10-30

### 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
-------	----------

2013-10-30	2013-10-30
2013-12-15	2013-12-15
2013-12-19	2013-12-19
2013-12-20	2013-12-20
2014-01-03	2014-01-03
2014-01-06	2014-01-06
2014-01-14	2014-01-14
2014-01-15	2014-01-15
2014-01-20	2014-01-20
2014-01-28	2014-01-28
2014-02-01	2014-02-01
2014-02-02	2014-02-02
2014-02-03	2014-02-03
2014-02-05	2014-02-05
2014-02-07	2014-02-07
2014-02-15	2014-02-15
2014-03-15	2014-03-15
2014-04-05	2014-04-05
2014-04-07	2014-04-07
2014-05-01	2014-05-01
2014-05-08	2014-05-08
2014-05-09	2014-05-09
2014-05-10	2014-05-10
2014-05-12	2014-05-12
2014-05-15	2014-05-15
2014-05-28	2014-05-28
2014-09-06	2014-09-06
2014-09-10	2014-09-10
2014-09-12	2014-09-12
2014-09-15	2014-09-15
2014-09-20	2014-09-20
2014-09-25	2014-09-25
2014-09-26	2014-09-26
2014-09-28	2014-09-28
2014-09-30	2014-09-30
2014-10-08	2014-10-08
2014-10-11	2014-10-11
2014-10-15	2014-10-15
2014-10-25	2014-10-25

2014-11-02	2014-11-02
2014-11-03	2014-11-03
2014-11-30	2014-11-30

### 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 - 10 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 - 4 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 leave it untreated
4	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: 1101.87 - 998122.5 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: 4114.125 - 21465 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: 815.67 - 636938.1 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 - 26616.6 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 - 255433.5 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 - 50085 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 - 354888 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 - 858.6 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 - 1431 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 - 1001.7 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 - 429.3 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 - 0 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 - 4293 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 - 1001.7 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 - 50 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 - 75 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 - 80 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 - 100 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 - 50 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 - 35 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 - 5 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 - 0 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 - 0 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 - 10 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

### 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	swamp/wetland

### 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: 4 - 130 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 - 23400 Format: Numeric

### 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
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1	rather satisfied
2	very satisfied
3	not satisfied at all
4	rather unsatisfied

## 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
2019-01-15	2019-01-15
2019-02-01	2019-02-01
2019-02-10	2019-02-10
2019-02-15	2019-02-15
2019-03-10	2019-03-10
2019-03-15	2019-03-15
2019-03-17	2019-03-17
2019-03-27	2019-03-27
2019-04-01	2019-04-01
2019-04-10	2019-04-10
2019-04-15	2019-04-15

## 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
2019-04-01	2019-04-01

2019-04-15	2019-04-15
2019-04-20	2019-04-20
2019-04-30	2019-04-30
2019-05-01	2019-05-01
2019-05-03	2019-05-03
2019-05-05	2019-05-05
2019-05-10	2019-05-10
2019-05-12	2019-05-12
2019-05-13	2019-05-13
2019-05-15	2019-05-15
2019-05-16	2019-05-16
2019-05-18	2019-05-18
2019-05-20	2019-05-20

### 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
2019-12-15	2019-12-15
2019-12-18	2019-12-18
2019-12-30	2019-12-30
2020-01-02	2020-01-02
2020-01-03	2020-01-03
2020-01-04	2020-01-04
2020-01-06	2020-01-06
2020-01-10	2020-01-10
2020-01-12	2020-01-12
2020-01-14	2020-01-14
2020-01-17	2020-01-17
2020-01-18	2020-01-18
2020-01-20	2020-01-20
2020-01-21	2020-01-21

2020-01-22	2020-01-22
2020-01-23	2020-01-23
2020-12-15	2020-12-15

### 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
2019-12-21	2019-12-21
2019-12-28	2019-12-28
2019-12-30	2019-12-30
2019-12-31	2019-12-31
2020-01-03	2020-01-03
2020-01-07	2020-01-07
2020-01-10	2020-01-10
2020-01-15	2020-01-15
2020-01-16	2020-01-16
2020-01-18	2020-01-18
2020-01-20	2020-01-20
2020-01-21	2020-01-21
2020-01-22	2020-01-22
2020-01-24	2020-01-24
2020-01-28	2020-01-28
2020-01-31	2020-01-31
2020-12-18	2020-12-18

### 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

**Q141: Q141. Sugarcane variety that has 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
047	047
CG 98-46, CP 7315	CG 98-46, CP 7315
CG 98-78	CG 98-78
CG 98-78, CP 7220-86	CG 98-78, CP 7220-86
CG 98-78, CP 7220-86, CP 7315-47	CG 98-78, CP 7220-86, CP 7315-47
CG 98-78, CP 7315-47	CG 98-78, CP 7315-47
CP 62-20-86	CP 62-20-86
CP 63-15-47	CP 63-15-47
CP 72	CP 72
CP 72-20-33	CP 72-20-33
CP 72-20-86	CP 72-20-86
CP 72-28-6	CP 72-28-6
CP 7220, CG 98-46, CG 98-78, CP 7315-47	CP 7220, CG 98-46, CG 98-78, CP 7315-47
CP 7220-86	CP 7220-86
CP 7220-86 , CP 7315-47	CP 7220-86 , CP 7315-47
CP 7220-86, CG 98-46	CP 7220-86, CG 98-46
CP 7220-86, CP 8811-65	CP 7220-86, CP 8811-65
CP 73	CP 73
CP 73-15-47	CP 73-15-47
CP 7315-47	CP 7315-47
CP 79-15-47	CP 79-15-47
CP 86-15-47	CP 86-15-47
CP 88-11-65	CP 88-11-65
CP 88-65	CP 88-65
MA 56-6-42	MA 56-6-42
SP 71-61-61	SP 71-61-61
Sao Paolo 71-61-61	Sao Paolo 71-61-61

**Q142: Q142. What is the date of planting 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
2009-01-01	2009-01-01
2011-01-01	2011-01-01
2013-01-01	2013-01-01
2014-01-01	2014-01-01
2015-01-20	2015-01-20
2015-01-23	2015-01-23
2015-01-26	2015-01-26
2015-01-30	2015-01-30
2015-03-12	2015-03-12
2015-04-14	2015-04-14
2015-06-01	2015-06-01
2015-09-01	2015-09-01
2015-09-25	2015-09-25
2015-10-01	2015-10-01
2015-10-20	2015-10-20
2015-11-10	2015-11-10
2015-11-15	2015-11-15
2015-11-20	2015-11-20
2015-12-01	2015-12-01
2016-05-01	2016-05-01
2016-05-15	2016-05-15
2016-07-22	2016-07-22

**Q145: Q145. What is the replanting cycle (generation) for sugarcane?****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	second cycle/ratoon
2	third cycle/ratoon
3	first cycle: plant cane
4	other specify: .

**Q145OTH: Other specify: .:Q145. What is the replanting cycle (generation) for sugarcane?**

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	ambos tipos de cultivo

**Q149: Q149. For the plant cane in the first cycle, total of cane per**

Data file: Global\_farm\_data

### Overview

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 10    Range: 6.489795918 - 171.72    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
2014-03-07	2014-03-07
2014-03-10	2014-03-10
2014-04-10	2014-04-10
2014-04-11	2014-04-11
2014-04-14	2014-04-14
2014-04-20	2014-04-20
2014-04-22	2014-04-22
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
2014-05-07	2014-05-07
2014-05-08	2014-05-08
2014-05-10	2014-05-10
2014-05-15	2014-05-15
2014-05-20	2014-05-20

## 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
2014-03-23	2014-03-23
2014-04-18	2014-04-18
2014-04-20	2014-04-20
2014-05-03	2014-05-03
2014-05-05	2014-05-05
2014-05-08	2014-05-08
2014-05-09	2014-05-09
2014-05-10	2014-05-10
2014-05-11	2014-05-11

2014-05-12	2014-05-12
2014-05-14	2014-05-14
2014-05-23	2014-05-23
2014-05-25	2014-05-25
2014-06-01	2014-06-01
2014-06-03	2014-06-03
2014-06-08	2014-06-08
2014-06-10	2014-06-10
2014-06-11	2014-06-11
2014-06-15	2014-06-15
2014-07-04	2014-07-04
2014-07-06	2014-07-06

### 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

**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
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### 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
1	not mentioned
2	mentioned

### Q4000\_7: q4000\_7. To whom do you sell your yield -Government owned rural collection center

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\_99: q4000\_99. To whom do you sell your yield -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

### 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\_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
APLICO SOLO LO QUE ME RECOMIENDA EL DEL AGROSERVICIO CUANDO LE PREGUNTO	APLICO SOLO LO QUE ME RECOMIENDA EL DEL AGROSERVICIO CUANDO LE PREGUNTO
Aplicación de herbicida para control de maleza, para tratar de reducir costos en días hombres.	Aplicación de herbicida para control de maleza, para tratar de reducir costos en días hombres.
Asi tenemos mejores cafetales	Asi tenemos mejores cafetales
Aunque lo sigue no quiso dar explicacion.	Aunque lo sigue no quiso dar explicacion.
Casi no tomo en cuenta las actividades debido a que ya no esta cuidando al cultivo.	Casi no tomo en cuenta las actividades debido a que ya no esta cuidando al cultivo.

Debido a que hab!a descuidado el cultivo , y hasta la otra temporada tomara en cuenta el programa. y as! para las dos parcelas	Debido a que hab!a descuidado el cultivo , y hasta la otra temporada tomara en cuenta el programa. y as! para las dos parcelas
En algunos casos no porque a veces ya es muy tarde o los productos pueden causar danos a la flor o el fruto	En algunos casos no porque a veces ya es muy tarde o los productos pueden causar danos a la flor o el fruto
Es buena idea seguirlo y traen novedades.	Es buena idea seguirlo y traen novedades.
Evaluar en campo la eficiencia de insecticida aplicado (jade)	Evaluar en campo la eficiencia de insecticida aplicado (jade)
FALTA DE INTERES	FALTA DE INTERES
FALTA DE INTERES PARA HACER EL ENSAYO DE MATERIAL VEGETAL.	FALTA DE INTERES PARA HACER EL ENSAYO DE MATERIAL VEGETAL.
Falta de apoyo	Falta de apoyo
Hay buenas tecnicas para mejorar las cosechas	Hay buenas tecnicas para mejorar las cosechas
Mas rendimiento	Mas rendimiento
Me ayuda a mejorar mis cultivos	Me ayuda a mejorar mis cultivos
Mejor producto	Mejor producto
NO COMPRO EN EL MISMO LADO Y ME DAN DIFERENTES PRODUCTOS	NO COMPRO EN EL MISMO LADO Y ME DAN DIFERENTES PRODUCTOS
NO CUENTO CON SUFICIENTES RECURSOS	NO CUENTO CON SUFICIENTES RECURSOS
NO LO USO DEL TODO	NO LO USO DEL TODO
NO NECESITO USAR ALGO MAS CUANDO YO SE QUE ES LO QUE QUIERE MI CULTIVO	NO NECESITO USAR ALGO MAS CUANDO YO SE QUE ES LO QUE QUIERE MI CULTIVO
NO TENGO TANTO RECURSO TANTO HUMANO COMO ECONOMICO.	NO TENGO TANTO RECURSO TANTO HUMANO COMO ECONOMICO.
No lo utilizo debido a que se apega a las t!nicas y productos con los que ya ha trabajado.	No lo utilizo debido a que se apega a las t!nicas y productos con los que ya ha trabajado.
No pudo realizar todas las actividades por falta de ingresos.	No pudo realizar todas las actividades por falta de ingresos.
No se sigue porque no tenemos dinero para comprar los insumos	No se sigue porque no tenemos dinero para comprar los insumos
No sigui! el protocolo debido que ya sabe como trabajar.	No sigui! el protocolo debido que ya sabe como trabajar.
No supo emplear el protocolo	No supo emplear el protocolo
No supo emplear el protocolo.	No supo emplear el protocolo.
No tenia muchos conocimientos ni recursos.	No tenia muchos conocimientos ni recursos.
Opta por seguirlo porque el es ganadero y no era de su conocimiento. Y para tener mejores resultados.	Opta por seguirlo porque el es ganadero y no era de su conocimiento. Y para tener mejores resultados.
POR FALTA DE RECURSOS ECONOMICOS Y POR LO LEJOS QUE VIVIMOS	POR FALTA DE RECURSOS ECONOMICOS Y POR LO LEJOS QUE VIVIMOS
POR QUE AVECES NO SE CUENTA CON EL PRODUCTO QUE TOCA Y USO EL QUE TENGA A LA MANO	POR QUE AVECES NO SE CUENTA CON EL PRODUCTO QUE TOCA Y USO EL QUE TENGA A LA MANO
PORFALTA DE DINERO	PORFALTA DE DINERO
PORQUE A VECES NO ALCANZA EL PRESUPUESTO	PORQUE A VECES NO ALCANZA EL PRESUPUESTO
PORQUE APLICO LO QUE EL CAFE VA NECESITNDO.	PORQUE APLICO LO QUE EL CAFE VA NECESITNDO.
PORQUE HAY PRODUCTOS QUE FUNCIONAN IGUAL O MEJOR Y SON MAS COMODOS	PORQUE HAY PRODUCTOS QUE FUNCIONAN IGUAL O MEJOR Y SON MAS COMODOS
PORQUE HAY VECES QUE NO SE UTILIZAN PORQUE NO HAY NECESIDAD	PORQUE HAY VECES QUE NO SE UTILIZAN PORQUE NO HAY NECESIDAD

PORQUE NO CUENTO CON SUFICIENTE RECURSO	PORQUE NO CUENTO CON SUFICIENTE RECURSO
PORQUE NO SE PUEDE COMPRAR	PORQUE NO SE PUEDE COMPRAR
PORQUE NO SIEMPRE TENEMOS LOS MISMOS PROBLEMAS	PORQUE NO SIEMPRE TENEMOS LOS MISMOS PROBLEMAS
PORQUE SALE ALGO CARO Y PARA LA EXTENSION DE TIERRA ES DEMASIADO ALTO	PORQUE SALE ALGO CARO Y PARA LA EXTENSION DE TIERRA ES DEMASIADO ALTO
PORQUE TRATO LA MANERA DE APLICAR LO MENOS POSIBLE DE PRODUCTOS QUIMICOS	PORQUE TRATO LA MANERA DE APLICAR LO MENOS POSIBLE DE PRODUCTOS QUIMICOS
PORQUE UNO BUSCA LO MAS BARATO O QUE SE AJUSTE AL PRESUPUESTO	PORQUE UNO BUSCA LO MAS BARATO O QUE SE AJUSTE AL PRESUPUESTO
PORQUE USO UN POCO DE CADA UNO	PORQUE USO UN POCO DE CADA UNO
PORQUE YO USO LO QUE CONOZCO Y E UTILIZADO ANTES Y ME HAN FUNCIONADO	PORQUE YO USO LO QUE CONOZCO Y E UTILIZADO ANTES Y ME HAN FUNCIONADO
Para avaluar rendimiento del maíz en cosecha, utilización de fertilizante Map (18-46-0)	Para avaluar rendimiento del maíz en cosecha, utilización de fertilizante Map (18-46-0)
Para tener mejores cosechas	Para tener mejores cosechas
Para tener mejores resultados	Para tener mejores resultados
Para tener un buen cultivo y no perder mucho	Para tener un buen cultivo y no perder mucho
Por a compra de los fertilizantes no siguoi del todo el programa.	Por a compra de los fertilizantes no siguoi del todo el programa.
Por la asesor!a que le dan a los productores	Por la asesor!a que le dan a los productores
Por las condiciones del tiempo	Por las condiciones del tiempo
Por las condiciones del tiempo es mejor llevar todo en orden para tener un mejor cultivo	Por las condiciones del tiempo es mejor llevar todo en orden para tener un mejor cultivo
Porque aplico un plan que le dio el tecnico y no le tiro cualquier cosa	Porque aplico un plan que le dio el tecnico y no le tiro cualquier cosa
Porque es una ayuda de los tecnico para los productores	Porque es una ayuda de los tecnico para los productores
Porque falta el dinero para comprar insumos	Porque falta el dinero para comprar insumos
Porque nos ayuda a mejorar nuestras cosechas	Porque nos ayuda a mejorar nuestras cosechas
Porque nos ayudan a mejorar la cosecha	Porque nos ayudan a mejorar la cosecha
Porque nos beneficia en el cultivo	Porque nos beneficia en el cultivo
Porque quieren aumentar la productividad y las recomendaciones son logicas	Porque quieren aumentar la productividad y las recomendaciones son logicas
Porque si no lo hace se fracasa en el cultivo y uno es el afectado.	Porque si no lo hace se fracasa en el cultivo y uno es el afectado.
Porque solo de esta forma se puede mejorar nuestras cosechas	Porque solo de esta forma se puede mejorar nuestras cosechas
Porque uno quiere ver los cambios y rendimiento	Porque uno quiere ver los cambios y rendimiento
Recomiendan remedios que salen caros y no funcionan	Recomiendan remedios que salen caros y no funcionan
Se sigue en lo que se puede porque cuando ya no hay dinero ya no se aplica todo lo que dicen	Se sigue en lo que se puede porque cuando ya no hay dinero ya no se aplica todo lo que dicen
Si lo siguio pero no funciono.	Si lo siguio pero no funciono.
Si se sigue pero no al 100% porque algunas veces no hay dinero	Si se sigue pero no al 100% porque algunas veces no hay dinero
Solo lo hacen para vender	Solo lo hacen para vender
Solo por los madurantes	Solo por los madurantes

Todavía esta evaluando si lo va a usar.	Todavía esta evaluando si lo va a usar.
Trabajo validado	Trabajo validado
USOLO QUE TENGO A LA MANO	USOLO QUE TENGO A LA MANO
UTILIZO EL QUE E UTILIZADO SIEMPRE	UTILIZO EL QUE E UTILIZADO SIEMPRE
UTILIZO EL QUE USADO SIEMPRE	UTILIZO EL QUE USADO SIEMPRE
Uno espera buenos resultados	Uno espera buenos resultados
Ver resultados a la par de la plantaci!n que no se intervino con el producto	Ver resultados a la par de la plantaci!n que no se intervino con el producto
Verificación de resultados durante el ciclo del cultivo, aplicación de insecticida preventivo al suelo	Verificación de resultados durante el ciclo del cultivo, aplicación de insecticida preventivo al suelo
como no tiene mucha informaci!n del protocolo de syngenta no lo uso en su totalidad.	como no tiene mucha informaci!n del protocolo de syngenta no lo uso en su totalidad.
el uso de qu!micos	el uso de qu!micos
esta poniendo en practica las capacitaciones.	esta poniendo en practica las capacitaciones.
ha puesto en practica lo de las capacitaciones.	ha puesto en practica lo de las capacitaciones.
la aplicaci!n de productos qu!mico	la aplicaci!n de productos qu!mico
la aplicaci!n de productos qu!micos	la aplicaci!n de productos qu!micos
la aplicaci!n de qu!micos, el uso adeudo de los instrumentos y las aplicaciones de manera preventiva.	la aplicaci!n de qu!micos, el uso adeudo de los instrumentos y las aplicaciones de manera preventiva.
la forma segura y tambi!n busco como reducir costos. la utilizaci!n de fertilizantes y pesticidas	la forma segura y tambi!n busco como reducir costos. la utilizaci!n de fertilizantes y pesticidas
le parece bien el programa pero no l pudo seguir porque le falta conocimiento para aplicar bien las dosis de fertilizantes, aparte que la roya esta afectando mucho y quiere cambiar de arboles.	le parece bien el programa pero no l pudo seguir porque le falta conocimiento para aplicar bien las dosis de fertilizantes, aparte que la roya esta afectando mucho y quiere cambiar de arboles.
los programas ayudan al cultivo, no se uso del todo el programa esta temporada.	los programas ayudan al cultivo, no se uso del todo el programa esta temporada.
no lo he usado pero pienso aplicarlo para la otra temporada.	no lo he usado pero pienso aplicarlo para la otra temporada.
no lo he usado pero pienso usarlo para la proxima temporada	no lo he usado pero pienso usarlo para la proxima temporada
no lo uso.	no lo uso.
no sigui! el protocolo, trabajo de la forma que conoce.	no sigui! el protocolo, trabajo de la forma que conoce.
no sigui! el protocolo.	no sigui! el protocolo.
no tenia muchos conocimientos ni recurso.	no tenia muchos conocimientos ni recurso.
no tomo en cuenta algunas actividades debido a que ya no esta cuidado el cutlivo.	no tomo en cuenta algunas actividades debido a que ya no esta cuidado el cutlivo.
no tuvo suficiente informaci!n para seguir los pasos correctos.	no tuvo suficiente informaci!n para seguir los pasos correctos.
no uso el protocolo	no uso el protocolo
no utilizo el protocolo.	no utilizo el protocolo.
por falta de conocimiento	por falta de conocimiento
por falta de informaci!n.	por falta de informaci!n.
por la compra de los fertilizantes no sigui! con los programas.	por la compra de los fertilizantes no sigui! con los programas.
por mejorar las condiciones de produccion	por mejorar las condiciones de produccion

por no entender en su totalidad el protocolo.	por no entender en su totalidad el protocolo.
por o comprender en su totalidad el protocolo	por o comprender en su totalidad el protocolo
por poco conocimiento	por poco conocimiento
porque no supo como seguir el programa	porque no supo como seguir el programa
porque no supo como seguir el programa.	porque no supo como seguir el programa.
porque no tiene suficientes conocimiento.	porque no tiene suficientes conocimiento.
porque se gasta más que los que se produce	porque se gasta más que los que se produce
porque tiene sus propias técnicas le han dado resultado.	porque tiene sus propias técnicas le han dado resultado.
solo algunas cosas	solo algunas cosas
solo algunas cosas, como el uso de los fertilizantes orgánicos, y la aplicación de agro químicos	solo algunas cosas, como el uso de los fertilizantes orgánicos, y la aplicación de agro químicos
utilizo algunas cosas del protocolo no del todo	utilizo algunas cosas del protocolo no del todo
utilizo algunas cosas del protocolo no del todo.	utilizo algunas cosas del protocolo no del todo.
utilizo algunas partes del protocolo ya que no le alcanzo el tiempo para seguir todos los pasos.	utilizo algunas partes del protocolo ya que no le alcanzo el tiempo para seguir todos los pasos.

### 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
ANACAFE	ANACAFE
Francisco , Agr!nomo	Francisco , Agr!nomo

### 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
ANACAFÉ	ANACAFÉ
ANACAFÉ ACAFESAN	ANACAFÉ ACAFESAN
ASOCIACIÓN CAFICULTORES SAN MARTÍN	ASOCIACIÓN CAFICULTORES SAN MARTÍN
Acagua	Acagua
Asasgua	Asasgua
Asegrap	Asegrap
Asociaci!n de Ca!eros	Asociaci!n de Ca!eros
Asociaci!n de caficultores ACAFESAM DE SAN MARTIN	Asociaci!n de caficultores ACAFESAM DE SAN MARTIN
Asociacion de Papayeros de la Muscam	Asociacion de Papayeros de la Muscam
Asociacion de tecnicos azucareras	Asociacion de tecnicos azucareras
Atagua	Atagua
COOP. FLOR DEL CAFE	COOP. FLOR DEL CAFE
Cooperativa Agricola Integral La Montana	Cooperativa Agricola Integral La Montana
Cooperativa Agricola Integral RL	Cooperativa Agricola Integral RL
Cooperativa Agricola La MONTa!a	Cooperativa Agricola La MONTa!a
Guayacan	Guayacan
Sequicana	Sequicana
Union de Caneros del Sur	Union de Caneros del Sur

### 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
Asociacion de Tecnicos de Guatemala	Asociacion de Tecnicos de Guatemala
Santa Fe RL	Santa Fe RL

**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 - 6 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	flat
2	gentle slope
3	steep slope
4	hilly
5	other. specify:
6	valley

**Q58OTH: Q58. In general, what is the topography of your growing area? OTHER****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
Ondulado	Ondulado
Semiondulada	Semiondulada

**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 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

## Q203: Q203. When did the fruit development start for coffee?

Data file: Global\_farm\_data

### Overview

Valid: 0 Invalid: 0

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

### Questions and instructions

#### CATEGORIES

Value	Category
2013-05-01	2013-05-01
2013-05-15	2013-05-15
2013-06-01	2013-06-01
2013-06-10	2013-06-10
2013-07-01	2013-07-01
2013-07-15	2013-07-15
2013-08-01	2013-08-01
2014-05-20	2014-05-20
2014-06-14	2014-06-14
2014-06-15	2014-06-15

2014-06-18	2014-06-18
2014-06-20	2014-06-20
2014-06-21	2014-06-21
2014-06-25	2014-06-25
2014-06-28	2014-06-28
2014-07-15	2014-07-15
2014-12-07	2014-12-07
2016-05-18	2016-05-18
2016-05-20	2016-05-20
2016-06-20	2016-06-20
2016-07-05	2016-07-05
2016-07-10	2016-07-10
2016-07-12	2016-07-12
2016-07-13	2016-07-13
2016-07-30	2016-07-30
2016-08-20	2016-08-20
2016-08-21	2016-08-21
2016-08-25	2016-08-25
2016-09-15	2016-09-15
2016-09-18	2016-09-18
2016-10-10	2016-10-10
2016-10-15	2016-10-15
2016-10-18	2016-10-18
2016-10-20	2016-10-20
2016-11-15	2016-11-15
2017-05-01	2017-05-01
2017-06-01	2017-06-01
2017-06-30	2017-06-30
2017-07-01	2017-07-01

#### 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 - 85 Format: Numeric

**Q146: Q146. What is the replanting cycle for sugarcane?****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	fifth cycle/ratoon
2	first cycle: plant cane
3	fourth cycle/ratoon
4	sixth cycle/ratoon
5	third cycle/ratoon

**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
2014-03-23	2014-03-23
2014-04-18	2014-04-18
2014-04-20	2014-04-20
2014-05-03	2014-05-03
2014-05-05	2014-05-05
2014-05-08	2014-05-08
2014-05-09	2014-05-09
2014-05-10	2014-05-10
2014-05-11	2014-05-11
2014-05-12	2014-05-12
2014-05-14	2014-05-14
2014-05-23	2014-05-23
2014-05-25	2014-05-25

2014-06-01	2014-06-01
2014-06-03	2014-06-03
2014-06-08	2014-06-08
2014-06-10	2014-06-10
2014-06-11	2014-06-11
2014-06-15	2014-06-15
2014-07-04	2014-07-04
2014-07-06	2014-07-06
2015-07-01	2015-07-01
2016-01-01	2016-01-01

### Q247\_1A: Q247. BUYER 1 % of yield

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 20 - 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: 0 - 50 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: 0 - 50 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: 0 - 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: 0 - 0 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: 180 - 78264 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: 0 - 108700 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: 0 - 82612 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: 0 - 82612 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: 0 - 0 Format: Numeric

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**Q325: Q325. % of canes damaged at harvest for sugarcane?****Data file: Global\_farm\_data****Overview**

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 10    Range: 0 - 30    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
GuatemalaCoffee1	GuatemalaCoffee1
GuatemalaMaize1	GuatemalaMaize1
GuatemalaSugarcane1	GuatemalaSugarcane1

**COUNTRY: Country****Data file:** Crop\_protection**Overview**

Valid: 0    Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
Guatemala	Guatemala

### 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
15100200	15100200
15101700	15101700
15103400	15103400
15103900	15103900
15104600	15104600
15105700	15105700
15130400	15130400
15150000	15150000
15150100	15150100

15150200	15150200
15150300	15150300
15150500	15150500
15150600	15150600
15150700	15150700
15150800	15150800
15150900	15150900
15151000	15151000
15151100	15151100
15151200	15151200
15151300	15151300
15151400	15151400
15151500	15151500
15151600	15151600
15152000	15152000
15152100	15152100
15152200	15152200
15152300	15152300
15152400	15152400
15152500	15152500
15152600	15152600
15152700	15152700
15152800	15152800
15152900	15152900
15153200	15153200
15153300	15153300
15153400	15153400
15153500	15153500
15153600	15153600
15153700	15153700
15153800	15153800
15153900	15153900
15154000	15154000
15154100	15154100
15154200	15154200
15154300	15154300
15154400	15154400
15200100	15200100
15200300	15200300

15200400	15200400
15200500	15200500
15200600	15200600
15200700	15200700
15200800	15200800
15200900	15200900
15201000	15201000
15201100	15201100
15201200	15201200
15201300	15201300
15201400	15201400
15201500	15201500
15201600	15201600
15201800	15201800
15201900	15201900
15202000	15202000
15202100	15202100
15202200	15202200
15202300	15202300
15202400	15202400
15202500	15202500
15202600	15202600
15202700	15202700
15202800	15202800
15202900	15202900
15203000	15203000
15203100	15203100
15203200	15203200
15203300	15203300
15203500	15203500
15203600	15203600
15203700	15203700
15203800	15203800
15204000	15204000
15204100	15204100
15204200	15204200
15204300	15204300
15204400	15204400
15204500	15204500

15204700	15204700
15204800	15204800
15204900	15204900
15205000	15205000
15205100	15205100
15205200	15205200
15205300	15205300
15205400	15205400
15205500	15205500
15206000	15206000
15206100	15206100
15206200	15206200
15206300	15206300
15206400	15206400
15206500	15206500
15206600	15206600
15206700	15206700
15206800	15206800
15207000	15207000
15207100	15207100
15207200	15207200
15207300	15207300
15207400	15207400
15207500	15207500
15207600	15207600
15207700	15207700
15251600	15251600
15251700	15251700
15251800	15251800
15251900	15251900
15252000	15252000
15252100	15252100
15252200	15252200
15252300	15252300
15252400	15252400
15252500	15252500
15252600	15252600

**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
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
Coffee	Coffee
Corn	Corn
Sugarcane	Sugarcane

**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
2	2
3	3
4	4
5	5
6	6

### 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
2013-01-15	2013-01-15
2013-02-20	2013-02-20
2013-04-01	2013-04-01
2013-04-03	2013-04-03
2013-04-05	2013-04-05
2013-04-16	2013-04-16
2013-05-01	2013-05-01
2013-05-02	2013-05-02
2013-05-03	2013-05-03
2013-05-04	2013-05-04
2013-05-05	2013-05-05
2013-05-06	2013-05-06
2013-05-07	2013-05-07
2013-05-10	2013-05-10

2013-05-12	2013-05-12
2013-05-14	2013-05-14
2013-05-15	2013-05-15
2013-05-17	2013-05-17
2013-05-18	2013-05-18
2013-05-19	2013-05-19
2013-05-20	2013-05-20
2013-05-24	2013-05-24
2013-05-26	2013-05-26
2013-06-01	2013-06-01
2013-06-02	2013-06-02
2013-06-03	2013-06-03
2013-06-04	2013-06-04
2013-06-05	2013-06-05
2013-06-06	2013-06-06
2013-06-09	2013-06-09
2013-06-10	2013-06-10
2013-06-12	2013-06-12
2013-06-15	2013-06-15
2013-06-26	2013-06-26
2013-06-28	2013-06-28
2013-06-30	2013-06-30
2013-07-01	2013-07-01
2013-07-04	2013-07-04
2013-07-05	2013-07-05
2013-07-06	2013-07-06
2013-07-07	2013-07-07
2013-07-08	2013-07-08
2013-07-10	2013-07-10
2013-07-12	2013-07-12
2013-07-13	2013-07-13
2013-07-15	2013-07-15
2013-07-24	2013-07-24
2013-08-01	2013-08-01
2013-08-02	2013-08-02
2013-08-04	2013-08-04
2013-08-05	2013-08-05
2013-08-06	2013-08-06
2013-08-09	2013-08-09

2013-08-10	2013-08-10
2013-08-14	2013-08-14
2013-08-15	2013-08-15
2013-08-17	2013-08-17
2013-09-10	2013-09-10
2013-09-15	2013-09-15
2013-10-05	2013-10-05
2013-12-07	2013-12-07
2013-12-09	2013-12-09
2014-03-06	2014-03-06
2014-04-02	2014-04-02
2014-04-05	2014-04-05
2014-04-06	2014-04-06
2014-04-16	2014-04-16
2014-04-20	2014-04-20
2014-05-02	2014-05-02
2014-05-05	2014-05-05
2014-05-06	2014-05-06
2014-05-07	2014-05-07
2014-05-08	2014-05-08
2014-05-09	2014-05-09
2014-05-10	2014-05-10
2014-05-11	2014-05-11
2014-05-13	2014-05-13
2014-05-14	2014-05-14
2014-05-15	2014-05-15
2014-05-16	2014-05-16
2014-05-17	2014-05-17
2014-05-18	2014-05-18
2014-05-19	2014-05-19
2014-05-20	2014-05-20
2014-05-24	2014-05-24
2014-05-25	2014-05-25
2014-05-26	2014-05-26
2014-05-28	2014-05-28
2014-05-29	2014-05-29
2014-06-01	2014-06-01
2014-06-05	2014-06-05
2014-06-08	2014-06-08

2014-06-09	2014-06-09
2014-06-10	2014-06-10
2014-06-12	2014-06-12
2014-06-13	2014-06-13
2014-06-15	2014-06-15
2014-06-18	2014-06-18
2014-06-19	2014-06-19
2014-06-20	2014-06-20
2014-06-30	2014-06-30
2014-07-02	2014-07-02
2014-07-05	2014-07-05
2014-07-07	2014-07-07
2014-07-08	2014-07-08
2014-07-10	2014-07-10
2014-07-12	2014-07-12
2014-07-15	2014-07-15
2014-07-17	2014-07-17
2014-07-18	2014-07-18
2014-07-20	2014-07-20
2014-07-24	2014-07-24
2014-07-25	2014-07-25
2014-07-26	2014-07-26
2014-07-28	2014-07-28
2014-07-30	2014-07-30
2014-08-01	2014-08-01
2014-08-02	2014-08-02
2014-08-03	2014-08-03
2014-08-05	2014-08-05
2014-08-06	2014-08-06
2014-08-08	2014-08-08
2014-08-10	2014-08-10
2014-08-12	2014-08-12
2014-08-15	2014-08-15
2014-08-18	2014-08-18
2014-08-20	2014-08-20
2014-08-22	2014-08-22
2014-08-25	2014-08-25
2014-08-28	2014-08-28
2014-08-30	2014-08-30

2014-09-02	2014-09-02
2014-09-03	2014-09-03
2014-09-04	2014-09-04
2014-09-05	2014-09-05
2014-09-09	2014-09-09
2014-09-10	2014-09-10
2014-09-12	2014-09-12
2014-09-15	2014-09-15
2014-09-20	2014-09-20
2014-09-24	2014-09-24
2014-10-06	2014-10-06
2015-02-20	2015-02-20
2015-04-20	2015-04-20
2015-04-23	2015-04-23
2015-04-30	2015-04-30
2015-05-05	2015-05-05
2015-05-08	2015-05-08
2015-05-12	2015-05-12
2015-05-14	2015-05-14
2015-05-18	2015-05-18
2015-05-20	2015-05-20
2015-05-25	2015-05-25
2015-05-27	2015-05-27
2015-05-28	2015-05-28
2015-06-01	2015-06-01
2015-06-02	2015-06-02
2015-06-03	2015-06-03
2015-06-08	2015-06-08
2015-06-10	2015-06-10
2015-06-15	2015-06-15
2015-06-16	2015-06-16
2015-06-17	2015-06-17
2015-06-19	2015-06-19
2015-06-22	2015-06-22
2015-06-24	2015-06-24
2015-07-02	2015-07-02
2015-07-06	2015-07-06
2015-07-07	2015-07-07
2015-07-08	2015-07-08

2015-07-09	2015-07-09
2015-07-13	2015-07-13
2015-07-14	2015-07-14
2015-07-17	2015-07-17
2015-07-20	2015-07-20
2015-07-30	2015-07-30
2015-08-10	2015-08-10
2015-08-13	2015-08-13
2015-08-24	2015-08-24
2015-08-25	2015-08-25
2015-09-07	2015-09-07
2015-09-08	2015-09-08
2015-09-09	2015-09-09
2015-09-10	2015-09-10
2015-12-02	2015-12-02
2016-01-01	2016-01-01
2016-01-02	2016-01-02
2016-01-10	2016-01-10
2016-01-22	2016-01-22
2016-02-01	2016-02-01
2016-02-02	2016-02-02
2016-02-20	2016-02-20
2016-03-01	2016-03-01
2016-03-03	2016-03-03
2016-04-01	2016-04-01
2016-04-05	2016-04-05
2016-05-05	2016-05-05
2016-05-10	2016-05-10
2016-05-11	2016-05-11
2016-05-12	2016-05-12
2016-05-15	2016-05-15
2016-05-18	2016-05-18
2016-05-20	2016-05-20
2016-05-22	2016-05-22
2016-05-23	2016-05-23
2016-05-25	2016-05-25
2016-05-28	2016-05-28
2016-05-30	2016-05-30
2016-06-01	2016-06-01

2016-06-04	2016-06-04
2016-06-05	2016-06-05
2016-06-06	2016-06-06
2016-06-08	2016-06-08
2016-06-10	2016-06-10
2016-06-11	2016-06-11
2016-06-12	2016-06-12
2016-06-15	2016-06-15
2016-06-17	2016-06-17
2016-06-18	2016-06-18
2016-06-20	2016-06-20
2016-06-25	2016-06-25
2016-07-01	2016-07-01
2016-07-04	2016-07-04
2016-07-05	2016-07-05
2016-07-07	2016-07-07
2016-07-10	2016-07-10
2016-07-12	2016-07-12
2016-07-15	2016-07-15
2016-07-20	2016-07-20
2016-07-22	2016-07-22
2016-07-25	2016-07-25
2016-08-20	2016-08-20
2016-08-21	2016-08-21
2016-09-11	2016-09-11
2016-09-12	2016-09-12
2016-09-20	2016-09-20
2017-01-30	2017-01-30
2017-05-01	2017-05-01
2017-06-01	2017-06-01
2017-06-04	2017-06-04
2017-07-01	2017-07-01
2017-07-10	2017-07-10
2017-08-01	2017-08-01
2017-09-01	2017-09-01
2017-10-01	2017-10-01
2017-11-01	2017-11-01
2018-02-02	2018-02-02
2018-04-01	2018-04-01

2018-04-15	2018-04-15
2018-04-24	2018-04-24
2018-05-01	2018-05-01
2018-05-05	2018-05-05
2018-05-10	2018-05-10
2018-05-15	2018-05-15
2018-05-31	2018-05-31
2018-06-07	2018-06-07
2018-06-15	2018-06-15
2018-06-30	2018-06-30
2018-07-15	2018-07-15
2018-07-19	2018-07-19
2018-07-20	2018-07-20
2018-07-22	2018-07-22
2018-08-09	2018-08-09
2019-03-15	2019-03-15
2019-04-15	2019-04-15
2019-04-20	2019-04-20
2019-04-30	2019-04-30
2019-05-02	2019-05-02
2019-05-03	2019-05-03
2019-05-05	2019-05-05
2019-05-10	2019-05-10
2019-05-15	2019-05-15
2019-05-16	2019-05-16
2019-05-20	2019-05-20
2019-06-01	2019-06-01
2019-07-15	2019-07-15
2019-08-01	2019-08-01
2019-08-15	2019-08-15
2019-09-12	2019-09-12
2019-09-15	2019-09-15

## Q241B: Q241 b.Type of product

Data file: Crop\_protection

### Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	Herbicide
2	Insecticide
3	Fungicide
4	Plant growth regulator, harvest aids, adjuvants
5	Miticides, acaricides
6	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
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
2,4 D	2,4 D
2,4 D AMINA	2,4 D AMINA
2,4-D	2,4-D
2,4-DICHLOROPHENOXYACETIC ACID	2,4-DICHLOROPHENOXYACETIC ACID
ACETOCHLORE	ACETOCHLORE
ACIDIFYER	ACIDIFYER
ALDICARB	ALDICARB
AMETRYN	AMETRYN
ATRAZINE	ATRAZINE
AZOXYSTROBIN	AZOXYSTROBIN
BENOMIL	BENOMIL
BUPROFEZIN	BUPROFEZIN
CAPTAN	CAPTAN
CARBENDAZIM	CARBENDAZIM
CARBOXIN	CARBOXIN
CHLOREPYROPHOS	CHLOREPYROPHOS
CHLORPYRIFOS ETHYL	CHLORPYRIFOS ETHYL
CLOMAZONE	CLOMAZONE
COPPER	COPPER

COPPER-OXYCHLORIDE	COPPER-OXYCHLORIDE
COPPER-SULFATE	COPPER-SULFATE
COUMATETRALYL	COUMATETRALYL
CU-HYDROXIDE*	CU-HYDROXIDE*
CYFLUTHRIN	CYFLUTHRIN
CYPERMETHRIN	CYPERMETHRIN
CYPROCONAZOLE	CYPROCONAZOLE
DIAZINON	DIAZINON
DIQUAT	DIQUAT
DIURON	DIURON
Do not know	Do not know
ENDOSULFAN	ENDOSULFAN
EPOXYCONAZOLE	EPOXYCONAZOLE
ETHOPROPHOS (ETHOPROP)	ETHOPROPHOS (ETHOPROP)
FIPRONIL	FIPRONIL
FLUAZIFOP-P-B	FLUAZIFOP-P-B
FLUBENDIAMIDE	FLUBENDIAMIDE
FLUOPICOLIDE*	FLUOPICOLIDE*
FOLPET	FOLPET
GLUFOSINATE-AMMONIUM	GLUFOSINATE-AMMONIUM
GLYPHOSATE	GLYPHOSATE
GLYPHOSATE-POTASSIUM-SALT	GLYPHOSATE-POTASSIUM-SALT
HALOSULFURON-METHYL	HALOSULFURON-METHYL
HEXAZINONA	HEXAZINONA
IMIDACLOPRID	IMIDACLOPRID
INDAZIFLAM	INDAZIFLAM
LAMBDA CYHALOTHRIN	LAMBDA CYHALOTHRIN
LUFENURON	LUFENURON
MALATHION (MALDISON)(MERCAPTOTHION)	MALATHION (MALDISON)(MERCAPTOTHION)
MANCOZEB (VONDOZEB)	MANCOZEB (VONDOZEB)
METHOMYL	METHOMYL
NIKOSULPHURON	NIKOSULPHURON
OXAMYL	OXAMYL
PARAQUAT	PARAQUAT
PARATHION METHYL	PARATHION METHYL
PENDIMETHALIN	PENDIMETHALIN
PERMETHRIN	PERMETHRIN
PHORATE	PHORATE
PHOXIM	PHOXIM

PICLORAM	PICLORAM
PROCHLORAZ	PROCHLORAZ
PROFENOFOS	PROFENOFOS
QUARTZ	QUARTZ
S-METOLACHLOR	S-METOLACHLOR
SPINOSAD	SPINOSAD
TEBUCONAZOLE	TEBUCONAZOLE
TERBUFOS	TERBUFOS
TERBUTRINE	TERBUTRINE
THIAMETHOXAM	THIAMETHOXAM
THIODICARB	THIODICARB
THIOPHANATE-METYL	THIOPHANATE-METYL
TRIADIMENOL	TRIADIMENOL
TRIASULFURON	TRIASULFURON
TRIFLOXYSTROBINE	TRIFLOXYSTROBINE
TRYFLOXYSULFURON SODICO	TRYFLOXYSULFURON SODICO

## C241CP1: CODED VARIABLE - amount of ai1

Data file: Crop\_protection

### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0.41 - 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
AMETRYN	AMETRYN
ATRAZINE	ATRAZINE
CAPTAN	CAPTAN
CARBENDAZIM	CARBENDAZIM
CHLOROTHALONIL	CHLOROTHALONIL
CYPROCONAZOLE	CYPROCONAZOLE
DICAMBA	DICAMBA
LAMBDA CYHALOTHRIN	LAMBDA CYHALOTHRIN
LUFENURON	LUFENURON
METSULFURON-METHYL	METSULFURON-METHYL
NON-IONIC FLUID	NON-IONIC FLUID
PICLORAM	PICLORAM
PIRIMICARB	PIRIMICARB
PROFENOFOS	PROFENOFOS
QUARTZ	QUARTZ
SPIROTETRAMAT	SPIROTETRAMAT
TRIADIMENOL	TRIADIMENOL

**C241CP2: CODED VARIABLE - amount of ai2****Data file:** Crop\_protection**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0.6 - 600 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
Do not know	Do not know

### C241CP3: CODED VARIABLE - amount of ai3

Data file: Crop\_protection

#### Overview

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 10    Range: 1.8 - 1.8    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: 0.41 - 626    Format: Numeric

### Q241D: CODED VARIABLE Q241 d. Dosage ?

Data file: Crop\_protection

#### Overview

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 10    Range: 2.862 - 22896    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
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## 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 - 2289.6 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
99	99
;maleza	;maleza
acaros	acaros
actara	actara
alternaria	alternaria
antracnosis; cercospora	antracnosis; cercospora
antracnosis; roya; hojo de gallo	antracnosis; roya; hojo de gallo
barrenador	barrenador
bledo; flor amarilla	bledo; flor amarilla
bledo; flor amarilla; yerbamora	bledo; flor amarilla; yerbamora
bledo; hierva de paloma	bledo; hierva de paloma
bledo; verdolaga; flor amarilla; gramineas en	bledo; verdolaga; flor amarilla; gramineas en
bledo; yerbamora	bledo; yerbamora
broca	broca
broca; chacuatete	broca; chacuatete
caminadora	caminadora
canutillo; mozote	canutillo; mozote
canutillo; mozote; bledo	canutillo; mozote; bledo
cercospora; antracnosis	cercospora; antracnosis
cercospora; botritis	cercospora; botritis

cercospora; phoma	cercospora; phoma
chinche	chinche
chinche salibosa	chinche salibosa
chinche salibosa;mosca pinta	chinche salibosa;mosca pinta
chinche salivosa	chinche salivosa
chinche; cochinilla	chinche; cochinilla
chinche;barrenador	chinche;barrenador
chinchés	chinchés
chnche salivosa	chnche salivosa
cochinilla; chinche	cochinilla; chinche
cochinilla; gallina ciega; barrenador	cochinilla; gallina ciega; barrenador
cogollero	cogollero
cogollero; falso medidor	cogollero; falso medidor
cogoyero; nochero	cogoyero; nochero
cojoyero; nochero	cojoyero; nochero
cola de zorro; pasto perro tripa de gallina	cola de zorro; pasto perro tripa de gallina
complejo mancha de asfalto	complejo mancha de asfalto
cortador agrotis sp	cortador agrotis sp
cortador agrotys sp	cortador agrotys sp
coyolillo	coyolillo
don't know	don't know
don?t know	don?t know
eescobillo; mozote; tripa de gallina;verdolaga;	eescobillo; mozote; tripa de gallina;verdolaga;
en su totalidad	en su totalidad
escama; ara?a roja	escama; ara?a roja
falso medidor	falso medidor
flor amarilla; yerbamora	flor amarilla; yerbamora
gallina ciega	gallina ciega
gallina ciega ;gusano alambre	gallina ciega ;gusano alambre
gallina ciega phyllophaga sp	gallina ciega phyllophaga sp
gallina ciega phyllophagasp	gallina ciega phyllophagasp
gallina ciega; barrenador	gallina ciega; barrenador
gallina ciega; barrenador de la caña	gallina ciega; barrenador de la caña
gallina ciega; gusano alamb; chinche	gallina ciega; gusano alamb; chinche
gallina ciega; gusano alambre;barrenador	gallina ciega; gusano alambre;barrenador
gallina ciega; gusano nochero	gallina ciega; gusano nochero
gallina siega; gusano alambre	gallina siega; gusano alambre
gallinaza	gallinaza
grama digitaria; vermuda; cola de zorro; jhonson	grama digitaria; vermuda; cola de zorro; jhonson

grama; digitaria; jaragua; cola zorro; sacte jhonson;	grama; digitaria; jaragua; cola zorro; sacte jhonson;
gramineas	gramineas
gramineas ciperaceas;hojas achas	gramineas ciperaceas;hojas achas
gramineas como sacate maravilla	gramineas como sacate maravilla
gramineas hoja ancha	gramineas hoja ancha
gramineas sacates;hojas anchas; como blede; mala madre; hierva mora; tripa de gallina	gramineas sacates;hojas anchas; como blede; mala madre; hierva mora; tripa de gallina
gramineas; hoja ancha;ciperaceas	gramineas; hoja ancha;ciperaceas
gramineas; sacate jhonson;ciprerus	gramineas; sacate jhonson;ciprerus
gramineas; sacates;hojas anchas	gramineas; sacates;hojas anchas
gramineas;cyperaceas	gramineas;cyperaceas
gramineas;hojas ancha; sacate maravilla	gramineas;hojas ancha; sacate maravilla
gramineas;hojas anchas	gramineas;hojas anchas
gusano ;	gusano ;
gusano alambre	gusano alambre
gusano alambre; barrenador;gallinaa siega	gusano alambre; barrenador;gallinaa siega
gusano alambre; gallina ciega; barrenador	gusano alambre; gallina ciega; barrenador
gusano alambre; gallina ciega;barrenador	gusano alambre; gallina ciega;barrenador
gusano cogollero	gusano cogollero
gusano cogollero; de la fruta;nochero	gusano cogollero; de la fruta;nochero
gusano cogollero;chinche	gusano cogollero;chinche
gusano cogollero;nochero	gusano cogollero;nochero
gusano cogoyero;falso medidor	gusano cogoyero;falso medidor
gusano cogoyero;nochero	gusano cogoyero;nochero
gusano del suelo; cochinilla roya; cercospora	gusano del suelo; cochinilla roya; cercospora
gusano nochero	gusano nochero
gusano nochero; de la fruta; cogollero;chinche	gusano nochero; de la fruta; cogollero;chinche
gusano nochero;cogollero	gusano nochero;cogollero
gusano; chinche;mosca pinta	gusano; chinche;mosca pinta
gusano; mosca pinta	gusano; mosca pinta
gusanos nochero;cogollero	gusanos nochero;cogollero
gusanos; larvas de lepidopteros;gallina ciega	gusanos; larvas de lepidopteros;gallina ciega
herbicida preemergente	herbicida preemergente
herbicida selectivo para caña de azucar	herbicida selectivo para caña de azucar
hierba	hierba
hierva amarga; quimiche; coyolillo	hierva amarga; quimiche; coyolillo
hoja ancha; mozote; sarza	hoja ancha; mozote; sarza
hoja ancha; pie de paloma; blede; higuierillo	hoja ancha; pie de paloma; blede; higuierillo
hoja ancha; sacate maravilla	hoja ancha; sacate maravilla

hoja ancha; sacate maravilla;coyolillo	hoja ancha; sacate maravilla;coyolillo
hoja ancha;zacates	hoja ancha;zacates
hojas anchas; gramineas	hojas anchas; gramineas
hojas anchas;gramineas; zacate johnson; blede; portulaca	hojas anchas;gramineas; zacate johnson; blede; portulaca
hongo	hongo
hongo phytium; alternaria	hongo phytium; alternaria
hongos	hongos
hongos phytium; rhysoctonia;sclerotinium	hongos phytium; rhysoctonia;sclerotinium
hongos rhysoctonia; phytium;sclerotinium	hongos rhysoctonia; phytium;sclerotinium
hongos ryzoctonia	hongos ryzoctonia
hongos tizon; podredumbre de la hoja	hongos tizon; podredumbre de la hoja
insectos	insectos
insectos ; todos	insectos ; todos
insectos como ara!a roja	insectos como ara!a roja
inssectos	inssectos
larvas;chinchas	larvas;chinchas
lengua de vaca	lengua de vaca
mal de hilachas	mal de hilachas
mal de hilachas; mancha de hierro	mal de hilachas; mancha de hierro
malas hierbas de hoja ancha	malas hierbas de hoja ancha
maleas	maleas
malesas de hoja ancha; poaceas;cyperaceas	malesas de hoja ancha; poaceas;cyperaceas
malesas de hoja ancha; poaceas;cyperaceas como coyolillo;zarza	malesas de hoja ancha; poaceas;cyperaceas como coyolillo;zarza
malesas de hoja ancha;gramineas	malesas de hoja ancha;gramineas
malesas perennes como enredos;quimiche	malesas perennes como enredos;quimiche
malesas perennes como mala madre;anuales como pata de paloma;	malesas perennes como mala madre;anuales como pata de paloma;
maleza	maleza
maleza de hoja ancha	maleza de hoja ancha
maleza graminea;hoja ancha	maleza graminea;hoja ancha
maleza gramineas anuales	maleza gramineas anuales
maleza hoja ancha	maleza hoja ancha
maleza varios	maleza varios
maleza; gramineas	maleza; gramineas
malezas	malezas
malezas anuales como sacates;pajillas	malezas anuales como sacates;pajillas
malezas anuales;;ciperaceas	malezas anuales;;ciperaceas
malezas anuales;;ciperaceas ; hoja ancha;ciperaceas	malezas anuales;;ciperaceas ; hoja ancha;ciperaceas
malezas blede; verdolaga; cola de zorro;	malezas blede; verdolaga; cola de zorro;

malezas bleado; verdolaga; mozote; pastos	malezas bleado; verdolaga; mozote; pastos
malezas como gramineas;de hoja ancha	malezas como gramineas;de hoja ancha
malezas de hoaj ancha; bleado; verdolaga; flor amarilla	malezas de hoaj ancha; bleado; verdolaga; flor amarilla
malezas de hoja ancha gramineas;cyperaceas	malezas de hoja ancha gramineas;cyperaceas
malezas de hoja ancha; bleado; higuierillo; mala madre; verdoalga	malezas de hoja ancha; bleado; higuierillo; mala madre; verdoalga
malezas de hoja ancha; cyperaceas	malezas de hoja ancha; cyperaceas
malezas de hoja ancha; sacate maravilla; coyolillo	malezas de hoja ancha; sacate maravilla; coyolillo
malezas de hoja ancha;anuales	malezas de hoja ancha;anuales
malezas de hoja ancha;cyperaceas como coyolillo	malezas de hoja ancha;cyperaceas como coyolillo
malezas de hoja ancha;gramineas	malezas de hoja ancha;gramineas
malezas de hoja ancha;gramineas sacatillo; bleado verdolaga	malezas de hoja ancha;gramineas sacatillo; bleado verdolaga
malezas de hoja ancha;perennes	malezas de hoja ancha;perennes
malezas de hoja ancha;poaceas	malezas de hoja ancha;poaceas
malezas de hoja ancha;poaceas; preemergente	malezas de hoja ancha;poaceas; preemergente
malezas de hoja anchay gramineas	malezas de hoja anchay gramineas
malezas de hoja anchay perennes	malezas de hoja anchay perennes
malezas de hoja ancha;perennes	malezas de hoja ancha;perennes
malezas gramineas;hojas anchas	malezas gramineas;hojas anchas
malezas hoja ancha; bleado; verdolaga; mozote	malezas hoja ancha; bleado; verdolaga; mozote
malezas poaceas como sacate jhonson	malezas poaceas como sacate jhonson
malezas todas	malezas todas
malezas; cola de zorro	malezas; cola de zorro
malezas; gramineas	malezas; gramineas
malezas; hoja ancha	malezas; hoja ancha
malezasde hoja ancha; bleado; flor amarilla	malezasde hoja ancha; bleado; flor amarilla
mancha de asfalto	mancha de asfalto
mancha de hierro	mancha de hierro
minador; chinche	minador; chinche
mosca blanca	mosca blanca
mosca pinta	mosca pinta
mozote; pata de gallina; coyolillo; bermuda; bleado; verdolaga	mozote; pata de gallina; coyolillo; bermuda; bleado; verdolaga
nochero; cogollero	nochero; cogollero
phoma	phoma
phoma; hojo de gallo	phoma; hojo de gallo
plagas del suelo gallina ciega	plagas del suelo gallina ciega
plagas gallina ciega; barrenador	plagas gallina ciega; barrenador
por plagas	por plagas
quilete; pata de gallina; cola zorro	quilete; pata de gallina; cola zorro

quimiche; hierba amarga; cogoyero; languade vaca	quimiche; hierba amarga; cogoyero; languade vaca
quimiche; hierva amarga; coyolillo; lengua de vaca	quimiche; hierva amarga; coyolillo; lengua de vaca
regulador de crecimiento	regulador de crecimiento
roya	roya
roya; antracnosis; ojo de gallo	roya; antracnosis; ojo de gallo
roya; broca	roya; broca
roya; cercospora; ojo de gallo; phoma	roya; cercospora; ojo de gallo; phoma
roya; phoma; ojo de gallo	roya; phoma; ojo de gallo
rysoctonia	rysoctonia
sacate jhonson	sacate jhonson
sacate jhonson; gramineas	sacate jhonson; gramineas
sacate jonson; gramineas	sacate jonson; gramineas
sacate maravilla; jhonson	sacate maravilla; jhonson
sacate maravilla; sacate jhonson	sacate maravilla; sacate jhonson
sacate; gramineas;ciperaceas	sacate; gramineas;ciperaceas
sacate; pajilla; blede; verdoalga; pata de gallina; coyolillo	sacate; pajilla; blede; verdoalga; pata de gallina; coyolillo
sacate; pajilla; blede; verdolaga; pata de gallina; coyolillo	sacate; pajilla; blede; verdolaga; pata de gallina; coyolillo
sacate; pajilla; blede;verdolaga; pata de gallina; coyolillo	sacate; pajilla; blede;verdolaga; pata de gallina; coyolillo
todo	todo
todos	todos
total	total
tratador de semilla	tratador de semilla
tratador de semillas; gallina siega; gusano alambre	tratador de semillas; gallina siega; gusano alambre
tratamiento de esquejes	tratamiento de esquejes
tratamiento de semilllas; gusano de la raiz; nochero;gallina siega	tratamiento de semilllas; gusano de la raiz; nochero;gallina siega
tripa de pollo; quilete; bleeo; vermuda; flor amarilla	tripa de pollo; quilete; bleeo; vermuda; flor amarilla
trips; cochinilla	trips; cochinilla
verdolaga; blede; flor amarilla; dormidera;gramineas en	verdolaga; blede; flor amarilla; dormidera;gramineas en
zacate jhonson	zacate jhonson
zacate jhonson; brachiaria	zacate jhonson; brachiaria
zacate johnson	zacate johnson
zarza dormilona; pie de paloma; zacates	zarza dormilona; pie de paloma; zacates
ácaros	ácaros

## 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: 10 - 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 - 6 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	Aerial applicator
6	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
Guatemala	Guatemala

**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
GuatemalaCoffee1	GuatemalaCoffee1
GuatemalaMaize1	GuatemalaMaize1
GuatemalaSugarcane1	GuatemalaSugarcane1

**GROWERID: Unique identifier per grower****Data file: Location****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 15100200 - 15252600 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
10	10
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
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 - 2    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	interviewer captures at least two points per field
2	interviewer walks around the 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 - 3    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	Irregular shape
2	Rectangle
3	Square

**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 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
1	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
0	0
04004	04004
05002	05002
05006	05006
06002	06002

1	1
11001	11001
11007	11007
11010	11010
17010	17010
22005	22005
4003	4003
4004	4004
4006	4006
5000	5000
5001	5001
5002	5002
5003	5003
5006	5006
5007	5007
502	502
6001	6001
6002	6002
6010	6010
6025	6025
9012	9012

## 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
Alta Verapaz	Alta Verapaz
Chimaltenango	Chimaltenango
Chiquimula	Chiquimula
Escuintla	Escuintla
Guatemala	Guatemala
Huehuetenango	Huehuetenango

Jutiapa	Jutiapa
Petén	Petén
Retalhuleu	Retalhuleu
Sacatepéquez	Sacatepéquez
San Marcos	San Marcos
Santa Rosa	Santa Rosa
Suchitepéquez	Suchitepéquez
Zacapa	Zacapa

**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
Guatemala	Guatemala

**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
Coffee	Coffee
Corn	Corn
Sugarcane	Sugarcane

**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
GuatemalaCoffee1	GuatemalaCoffee1
GuatemalaMaize1	GuatemalaMaize1
GuatemalaSugarcane1	GuatemalaSugarcane1

## 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
15100200	15100200
15101700	15101700
15103400	15103400
15103900	15103900
15104600	15104600
15105700	15105700
15130400	15130400

15150000	15150000
15150100	15150100
15150200	15150200
15150300	15150300
15150400	15150400
15150500	15150500
15150600	15150600
15150700	15150700
15150800	15150800
15150900	15150900
15151000	15151000
15151100	15151100
15151200	15151200
15151300	15151300
15151400	15151400
15151500	15151500
15151600	15151600
15152000	15152000
15152100	15152100
15152200	15152200
15152300	15152300
15152400	15152400
15152500	15152500
15152600	15152600
15152700	15152700
15152800	15152800
15152900	15152900
15153200	15153200
15153300	15153300
15153400	15153400
15153500	15153500
15153600	15153600
15153700	15153700
15153800	15153800
15153900	15153900
15154000	15154000
15154100	15154100
15154200	15154200
15154300	15154300

15154400	15154400
15200100	15200100
15200300	15200300
15200400	15200400
15200500	15200500
15200600	15200600
15200700	15200700
15200800	15200800
15200900	15200900
15201000	15201000
15201100	15201100
15201200	15201200
15201300	15201300
15201400	15201400
15201500	15201500
15201600	15201600
15201800	15201800
15201900	15201900
15202000	15202000
15202100	15202100
15202200	15202200
15202300	15202300
15202400	15202400
15202500	15202500
15202600	15202600
15202700	15202700
15202800	15202800
15202900	15202900
15203000	15203000
15203100	15203100
15203200	15203200
15203300	15203300
15203500	15203500
15203600	15203600
15203700	15203700
15203800	15203800
15204000	15204000
15204100	15204100
15204200	15204200

15204300	15204300
15204400	15204400
15204500	15204500
15204700	15204700
15204800	15204800
15204900	15204900
15205000	15205000
15205100	15205100
15205200	15205200
15205300	15205300
15205400	15205400
15205500	15205500
15206000	15206000
15206100	15206100
15206200	15206200
15206300	15206300
15206400	15206400
15206500	15206500
15206600	15206600
15206700	15206700
15206800	15206800
15206900	15206900
15207000	15207000
15207100	15207100
15207200	15207200
15207300	15207300
15207400	15207400
15207500	15207500
15207600	15207600
15207700	15207700
15251600	15251600
15251700	15251700
15251800	15251800
15251900	15251900
15252000	15252000
15252100	15252100
15252200	15252200
15252300	15252300
15252400	15252400

15252500	15252500
15252600	15252600

### **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 - 22    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	Pruning
14	Weeding
15	Harvesting
16	Post handling
17	Processing
18	Transport
19	Other
20	Seed Treatment
21	Top/side grafting
22	Pruning II

### **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

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title 2014 GGP Questionnaire Master  
 language English  
 filename 2014 GGP Questionnaire Master.pdf

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### 2015 GGP Questionnaire Master

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title 2015 GGP Questionnaire Master  
 language English  
 filename 2015 GGP Questionnaire Master.pdf

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### 2016 GGP Questionnaire Master

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title 2016 GGP Questionnaire Master  
 language English  
 filename 2016 GGP Questionnaire Master.pdf

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### 2017 GGP Questionnaire Master

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title 2017 GGP Questionnaire Master  
 language English  
 filename 2017 GGP Questionnaire Master.pdf

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### 2018 GGP Questionnaire Master

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title 2018 GGP Questionnaire Master  
 language English  
 filename 2018 GGP Questionnaire Master.pdf

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### 2019 GGP Questionnaire Master

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title 2019 GGP Questionnaire Master  
 language English  
 filename 2019 GGP Questionnaire Master.pdf

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## reports

### Enabling a set change in farm efficiency (productivity brochure)

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title Enabling a set change in farm efficiency (productivity brochure)  
 language English  
 filename SYT-GGP-c1productivity-brochure.pdf

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## The Good Growth Plan Progress Data - Productivity 2019

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title The Good Growth Plan Progress Data - Productivity 2019  
language English  
filename SYT-GGP-c1productivity-description-2019\_0.pdf

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