

# Good Growth Plan 2014-2019

**Syngenta**

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

## Identification

### SURVEY ID NUMBER

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

### TITLE

Good Growth Plan 2014-2019

### COUNTRY/ECONOMY

Name	Country code
Morocco	MAR

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

##### (a) Smallholder wheat growers

Location: Fes and El Hajeb

Rain-fed or 'water motor'-irrigation (via code 98)

Ploughing with a tractor

Usage of chemical and/or organic fertilizers

Selling, storing, or home consuming (via code 98) the harvest are the main after harvest activities

##### (a) Smallholder potato growers

Location: Doukkala, Mediouna & Berrechid

Drip irrigation or 'water motor'-irrigation (via code 98)

Ploughing with a tractor

Usage of chemical and/or organic fertilizers

Selling, storing, or home consuming (via code 98) the harvest are the main after harvest activities

## data\_collection

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### 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\_MAR\_2014-2019\_GGP-P\_v01\_M\_v01\_A\_OCS

**PRODUCERS**

<b>Name</b>	<b>Abbreviation</b>	<b>Affiliation</b>	<b>Role</b>
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 (MAR\_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	22
<b>Farm_level_data</b>	0	32
<b>Global_farm_data</b>	0	249
<b>Crop_protection</b>	0	34
<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:	22

**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	q233c_d	Q233C. d. PRODUCT 1: Dosage	
V36	q233c_e	Q233C. e. PRODUCT 1: Unit of quantity	
V37	q233c_f	Q233C. f. PRODUCT 1: Amount of H2O solved in LITERS per <HECT>	
V38	q233c_g	Q233C. g. PRODUCT 1: Pest/disease/ weed targeted	
V39	syngenta	CODED VARIABLE Syngenta product? (1 = YES; 0 = NO)	

total: 22

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

Cases: 0

variables: 32

**variables**

ID	Name	Label	Question
V40	HarvestYear	Data collection wave	
V41	Region	Syngenta's definition of Region	
V42	Territory	Syngenta's definition of Territory	
V43	GrowingArea	To which field/plot does the information relate to?	
V44	ClusterID	Unique cluster ID	
V45	country	Country	
V46	Farmtype	Farm type	
V47	GrowerID	Unique respondent ID	
V48	Crop	The crop of focus	
V49	AreaSize	Q57. Size of growing area A for <TARG1> in <HECT>	
V50	CropSize	Q5.Total cultivated area of <TARG1> in this season in <HECT>	
V51	FarmSize	Q6. Total size of your farm/cultivated area for all crops in <HECT>	
V52	Landproductivity	Land efficiency in ton/ha	
V53	PesticideApplicationEfficiency	Number of field applications used per ton produced	
V54	NutrientEfficiency	Kgs of nitrogen used per ton produced	
V55	PhosphorusEfficiency	Kgs of phosphorus used per ton produced	
V56	PotassiumEfficiency	Kgs of potassium used per ton produced	
V57	SeedEfficiency	Kgs of seeds used per ton produced	
V58	PesticideEfficiency	Kgs of active ingredients from pesticides used in kilogram per ton produced	
V59	HerbicideEfficiency	Kgs of active ingredients from herbicides used per ton produced	
V60	FungicideEfficiency	Kgs of active ingredients from fungicides used per ton produced	
V61	InsecticideEfficiency	Kgs of active ingredients from insecticides used per ton produced	
V62	IrrigationWaterEfficiency	Litres of irrigation water used per ton produced	
V63	LaborEfficiency	Amount of labor hours per unit of crop output produced	
V64	MachineryEfficiency	Amount of machinery used in hours per unit of crop output produced	
V65	SyngentaShare	Percentage of syngenta products used compared to total number of products used	
V66	User_vs_non_user	Does the grower use Syngenta products?	
V67	protocol	have received a crop program and/or any recommendations this season?	
V68	field_preparation	Date of first field preparation	
V69	planting_date	Date of sowing or planting	
V70	harvest_begin	Date when harvest started	
V71	harvest_end	Date when harvest ended	

total: 32

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

Cases:	0
variables:	249

**variables**

ID	Name	Label	Question
V72	Territory	Syngenta definition of territory (sub-region)	
V73	country	Country	
V74	ClusterID	Unique cluster ID	
V75	GrowerID	Unique respondent ID	
V76	GrowingArea	To which field/plot does the information relate to?	
V77	Farmtype	Farmtype	
V78	q1c3	Q1.C3. Since you have participated before, we'd like to share with you your individual performance report	
V79	q1f	Q1. F. Would it be okay for you for Syngenta to contact you with follow-up information on The Good Growth Plan?	
V80	crop	Crop of focus	
V81	q56A2_1	Q56A2. Growing area changed from previous year- did not plant this area due to crop rotation	
V82	q56A2_2	Q56A2. Growing area changed from previous year- I hired another area	
V83	q56A2_4	Q56A2. Growing area changed from previous year- I left my field fallow	
V84	q57a	Q57A. How certain you are of the size indication for growing area A?	
V85	q4055	Q4055. TON/HEC Yield objective for area A for <CROP> at beginning of this season?	
V86	q19	Q19. Surname	
V87	q20	Q20. First name	
V88	q21	Q21. Phone number	
V89	q22	Q22. E-mail address	
V90	q27	Q27. Year of birth	
V91	q28	Q28. Gender	
V92	q31	Q31. Until what age did you go to school?	
V93	q30	Q30. Are you a full-time or part-time farmer?	
V94	q30b	Q30. B. How long have you been engaged in farming activities?	
V95	q33	Q33. Did you receive an agronomical/agricultural education?	
V96	q34	Q34. Are you a member of a producer group, association or cooperative for <CROP>?	
V97	q35c	Q35. C. Overall, how satisfied would you say you are with your life these days?	
V98	q37a	Q37.A. Do you have signs of soil erosion by water on	
V99	q37b	Q37.B. Do you have signs of soil erosion by wind on your farm?	
V100	q7001	Q7001. Have you changed your tillage practices for <TARGET CROP> in the past 20 years?	
V101	q7002	Q7002. How did you change your tillage practices for <TARGET CROP>?	
V102	q7003	Q7003. How many years ago did you change your tillage practices for <TARGET CROP>?	
V103	q7004	Q7004. Have you grown cover crop to manage soil health in the past 20 years for <CROP>?	
V104	q7005	Q7005. How many years ago did you start growing a cover crop for <TARGET CROP> ?	
V105	q7006	Q7006 Have you stopped growing a cover crop in the past 20 years for <TARGET CROP>?	
V106	q7007	Q7007. How many years ago did you stop growing a cover crop for <TARGET CROP>?	

ID	Name	Label	Question
V107	q7008	Q7008. For <Crop> was any land converted from arable land/grassland/forest in the past 20 years?	
V108	q7009	Q7009. How did the use of your land change for <TARGET CROP>?	
V109	q7010	Q7010. How many years ago did the function of your land change for <TARGET CROP>?	
V110	q65	Q65. Do you practice intercropping for <TARGET CROP> ?	
V111	q66_1	Q66. Which crops do you intercrop? Apples	
V112	q66_3	Q66. Which crops do you intercrop? Barley	
V113	q66_4	Q66. Which crops do you intercrop? Cauliflower	
V114	q66_7	Q66. Which crops do you intercrop? Corn	
V115	q66_12	Q66. Which crops do you intercrop? Pepper	
V116	q66_13	Q66. Which crops do you intercrop? Potato	
V117	q66_15	Q66. Which crops do you intercrop? Soybean	
V118	q66_19	Q66. Which crops do you intercrop? Tomato	
V119	q66_20	Q66. Which crops do you intercrop? Watermelon	
V120	q66_21	Q66. Which crops do you intercrop? Wheat	
V121	q66_80	Q66. Which crops do you intercrop? Pulses (lentils, beans, peas)	
V122	q66_99	Q66. Which crops do you intercrop? Don't know/no answer	
V123	q60	Q60. Do you rotate crops on growing area A for <TARGET CROP>?	
V124	q61_1	Q61. What crops are you cultivating in rotation? Apples	
V125	q61_3	Q61. What crops are you cultivating in rotation? Barley	
V126	q61_4	Q61. What crops are you cultivating in rotation? Cauliflower	
V127	q61_7	Q61. What crops are you cultivating in rotation? Corn	
V128	q61_12	Q61. What crops are you cultivating in rotation? Pepper	
V129	q61_13	Q61. What crops are you cultivating in rotation? Potato	
V130	q61_15	Q61. What crops are you cultivating in rotation? Soybean	
V131	q61_18	Q61. What crops are you cultivating in rotation? Sunflower	
V132	q61_19	Q61. What crops are you cultivating in rotation? Tomato	
V133	q61_20	Q61. What crops are you cultivating in rotation? Watermelon	
V134	q61_21	Q61. What crops are you cultivating in rotation? Wheat	
V135	q61_22	Q61. What crops are you cultivating in rotation? Alfalfa/lucerna	
V136	q61_25	Q61. What crops are you cultivating in rotation? Beets/roots (turnip, yam)	
V137	q61_27	Q61. What crops are you cultivating in rotation? Bitter melon	
V138	q61_31	Q61. What crops are you cultivating in rotation? Carrot	
V139	q61_32	Q61. What crops are you cultivating in rotation? Cassava	
V140	q61_45	Q61. What crops are you cultivating in rotation? Fennel	
V141	q61_53	Q61. What crops are you cultivating in rotation? Herbs	
V142	q61_58	Q61. What crops are you cultivating in rotation? Lettuce	
V143	q61_62	Q61. What crops are you cultivating in rotation? Millet	
V144	q61_65	Q61. What crops are you cultivating in rotation? Oats	
V145	q61_67	Q61. What crops are you cultivating in rotation? Onion	
V146	q61_68	Q61. What crops are you cultivating in rotation? Other melons	
V147	q61_77	Q61. What crops are you cultivating in rotation? Pineapple	
V148	q61_80	Q61. What crops are you cultivating in rotation? Pulses (lentils, beans, peas)	
V149	q61_89	Q61. What crops are you cultivating in rotation? Sugar beet	
V150	q61_96	Q61. What crops are you cultivating in rotation? Other. Specify 1	
V151	q67	Q67. What is the soil type of growing area A for <TARGET CROP>?	

ID	Name	Label	Question
V152	q67b	Q67B. Texture is your soil on growing area A for <TARGET CROP> this season?	
V153	q7011	Q7011. How moist would rate your soil on growing area A for <TARGET CROP> this season?	
V154	q7012	Q7012 Rate the drainage of water through the soil on area A for <TARGET CROP> this season?	
V155	q55e1	Q55E1.Partook in training/meeting on crop/agricultural practices in the past 2 years?	
V156	q5500	Q5500. During the training/meeting, at least 15 minutes talking about safe-use practices	
V157	q55E2_1	Q55E2. Who organized this training? Syngenta representative	
V158	q55E2_4	Q55E2. Who organized this training? Cooperative	
V159	q55E2_7	Q55E2. Who organized this training? Governmental organization (e.g. Ministry)	
V160	q55E2_96	Q55E2. Who organized this training? Other specify 1:	
V161	q55E2_99	Q55E2. Who organized this training? Don't know / no answer	
V162	q5501	Q5501. Have you been contacted by a Syngenta representative during the past season?	
V163	q5502_1	Q5502. Can you describe how the Syngenta representative contacted you? Demonstration day	
V164	q5502_2	Q5502. Can you describe how the Syngenta representative contacted you? They visited my farm	
V165	q5502_4	Q5502. Can you describe how the Syngenta representative contacted you? Phone call	
V166	q5503	Q5503. How useful was contact with the Syngenta Representative	
V167	q4041a	Q4041.A. Do you feel the need to follow training on crop cultivation in the near future?	
V168	q54_1	Q54. Where do you deposit the rest water after spraying? Citerne (phytobac, heliose, sentinel, biofilter)	
V169	q54_2	Q54. Where do you deposit the rest water after spraying? In fields	
V170	q54_3	Q54. Where do you deposit the rest water after spraying? In rivers, streams, drain or via the ditch	
V171	q54_96	Q54. Where do you deposit the rest water after spraying? Other specify 1:	
V172	q54_oth1	Q54. Other 1:: Q54. Where do you deposit the rest water after spraying?	
V173	q55a_1	Q55a. Where do you clean your sprain equipment? On farm	
V174	q55b_1	Q55b. Where do you dispose the water used for cleaning you equipment? On field	
V175	q55b_2	Q55b. Where do you dispose the water used for cleaning you equipment? Citerne	
V176	q55b_3	Q55b. Where do you dispose the water used for cleaning you equipment? On an unpaved surface	
V177	q55b_4	Q55b. Where do you dispose the water used for cleaning you equipment? On a paved surface (drain / dike)	
V178	q55b_96	Q55b. Where do you dispose the water used for cleaning you equipment? Other specify 1:	
V179	q55c	Q55. C. Do you store the sprayer protected from rain?	
V180	q55d	Q55. D. Do you use drift-reducing nozzles on your sprayer?	
V181	q72	Q72. When did the first field preparation start for growing area A for <TARGET CROP> ?	
V182	q73	Q73. KGs/HECT of seeds sown for growing area A for <TARGET CROP>	
V183	q73a1	Q73A1. What is the amount of seeds that has been sown for growing area A?	
V184	q73a1unit	Q73A1.UNIT Please indicate the measurement unit used?	
V185	q123b	Q123. B. Which type of potatoes do you cultivate on growing area A for potato?	
V186	q151	Q151. Are <TARGET CROP> grown on open field or in a greenhouse for growing area A?	
V187	q74	Q74. When was the crop sown / planted for growing area A for <TARGET CROP>?	
V188	q7400	Q7400. Have you sown/planted <TARGET CROP> in the same period as last year?	
V189	q231b	Q231B. Are your seeds coated with crop protection products?	
V190	q233	Q233. Do you use on-farm or pre-treated seed treatment to treat the seeds for growing area A for <TARGET CROP>?	

ID	Name	Label	Question
V191	q397new	Q397_NEW. If you have received a crop program and/or any recommendations for growing to implement this season.	
V192	q224a	Q224 A. Did you perform a soil test for <TARGET CROP>?	
V193	q224	Q224. Do you apply organic fertilizers for <TARGET CROP>?	
V194	q226	Q226. Do you apply chemical fertilizers for <TARGET CROP>?	
V195	q229b1	Q229B1.Total number of applications you perform with chemical fertilizers on growing area for <TARGET CROP>?	
V196	q229b2	Q229B2.Total number of applications you perform with organic fertilizers on growing area for <TARGET CROP>?	
V197	q240e_1	Q240E. We would like to better understand the pest pressure on the selected growing areas. INSECT PRESSURE	
V198	q240e_2	Q240E. We would like to better understand the pest pressure on the selected growing areas. DISEASE PRESSURE	
V199	q240e_3	Q240E. We would like to better understand the pest pressure on the selected growing areas. WEED PRESSURE	
V200	q240en	Q240.E1. Do you generally use drift-reducing nozzles on your sprayer?	
V201	q240d	Q240D. Note down the total number of treatments you perform with crop protection products	
V202	q75	Q75. What is the final stand i.e. the number of plants - per <SQUARE METER>/<TARGET CROP>?	
V203	q76	Q76. Prior to harvest, indicate the percentage of the plot area that is lodged for <TARGET CROP>?	
V204	q243a	Q243. When was the harvest period for <TARGET CROP>?	
V205	q243b	Q243. When was the harvest period for <TARGET CROP>?	
V206	q243bb	Q243b. Have you harvested <TARGET CROP> in the same period as last year?	
V207	q244	Q244. Marketable yield that has been achieved for growing area A for <TARGET CROP> in <TON> per <HECTARES>?	
V208	q274a	Q274. Yield that has been achieved for growing area A for corn in <TON> per <HECTARES>? Grain yield	
V209	q274b	Q274. Yield that has been achieved for growing area A for corn in <TON> per <HECTARES>? Silage yield	
V210	q299	Q299. What is the tuber yield that has been achieved for potato in <TON>/<HECTARES>?	
V211	q4094_1	Q4094. Who measured the yield on each of the growing areas? Myself	
V212	q4094_2	Q4094. Who measured the yield on each of the growing areas? Dealer/store	
V213	q4094_3	Q4094. Who measured the yield on each of the growing areas? Manufacturer/representative	
V214	q4094_4	Q4094. Who measured the yield on each of the growing areas? Independent advisor	
V215	q4094_5	Q4094. Who measured the yield on each of the growing areas? Cooperative	
V216	q4094_96	Q4094. Who measured the yield on each of the growing areas? Other specify1	
V217	q4094_98	Q4094. Who measured the yield on each of the growing areas? Other specify3	
V218	q4094_99	Q4094. Who measured the yield on each of the growing areas? Don't know / no answer	
V219	q4095a	Q4095. A. Compared to previous year, would you say your yield has ...?	
V220	q4096a	Q4096. A. How satisfied are you with your yield this season?	
V221	q4097a	Q4097. A. How satisfied are you with the price you received on the market?	
V222	q251	Q251. % of crop damaged at the time of harvest (total lost - not marketable) for <TARGET CROP>?	
V223	q360a	Q360. When was the harvest period for <TARGET CROP>?	
V224	q360b	Q360. When was the harvest period for <TARGET CROP>?	
V225	q319a	Q319. When was the harvest period for sugarcane?	
V226	q319b	Q319. When was the harvest period for sugarcane?	
V227	q339a	Q339. When was the harvest period for banana?	



ID	Name	Label	Question
V269	q3880d	Q3880 D. You mentioned you had higher temperatures this season than usual. Was this problematic?	
V270	q389	Q389. What is the MAIN water source of <TARGET CROP> during this season?	
V271	q390	Q390. What is the number of days you have been irrigating <TARGET CROP>?	
V272	q391	Q391. What is the average amount of hours per day you have been irrigating of <TARGET CROP>?	
V273	q392	Q392. What is the amount of liters that is discharged per hour of <TARGET CROP>?	
V274	q7016	Q7016. Please indicate what percentage of the area is irrigated for <TARGET CROP>	
V275	q7017	Q7017. Which method of irrigation did you apply for <TARGET CROP>?	
V276	q399c	Q399.C. How satisfied are you with the crop program and/or recommendations for <TARGET CROP>?	
V277	date1	field preparation	
V278	date2	sowing/planting	
V279	date3a	begin harvest	
V280	date3b	end harvest	
V281	harvestyear	Data collection wave	
V282	q215	Q215. When did the first field preparation start for cauliflower?	
V283	q218	Q218. When have the young plants been planted for cauliflower?	
V284	q4000_1	q4000_1. To whom do you sell your yield - I sell it on the local market	
V285	q4000_2	q4000_2. To whom do you sell your yield - I sell it to a trader	
V286	q4000_3	q4000_3. To whom do you sell your yield - I sell it to a wholesaler	
V287	q4000_4	q4000_4. To whom do you sell your yield - I sell it to a feed processing plant	
V288	q4000_5	q4000_5. To whom do you sell your yield - I sell it to a cooperative I am part of	
V289	q4000_6	q4000_6. To whom do you sell your yield -I sell it under a contract	
V290	q4000_96	q4000_96. To whom do you sell your yield -Other. Specify 1:	
V291	q4000_99	q4000_99. To whom do you sell your yield -Don't know / no answer	
V292	q4000_oth1	Q4000b. Can you please tell us what are your main sources for selling the harvest? Other. Specify 1	
V293	q389_1	q389_1. Which water source has been used for irrigation? Private connection to pipeline	
V294	q389_2	q389_2. Which water source has been used for irrigation? Private well	
V295	q389_4	q389_4. Which water source has been used for irrigation? Public river, stream	
V296	q389_5	q389_5. Which water source has been used for irrigation? Public lake, pond	
V297	q389_99	q389_99. Which water source has been used for irrigation? Don't know / no answer	
V298	q399	Q399. Please explain why you follow or do not follow the crop program and/or recommendations.	
V299	q397	Q397. Received a recommended growing protocol or crop program from an agricultural advisor?	
V300	q397c	Q397C. Did you receive a protocol/crop program from Syngenta?	
V301	q397d_oth	Q397.D. From which manufacturer have you received a protocol/crop program? OTHER	
V302	q35a_1	Q35.A. What group/association/cooperative are a member of? 1ST	
V303	q35a_2	Q35.A. What group/association/cooperative are a member of? 2ND	
V304	q35a_3	Q35.A. What group/association/cooperative are a member of? 3RD	
V305	q58	Q58. In general, what is the topography of your growing area?	
V306	q230_1	Bought seeds	
V307	q230_2	Saved seeds	
V308	q327	Q327. Please indicate the number of harvests/pickings per year for tomatoes/peppers?	
V309	q302	Q302. What is the percentage of decay for potato?	

ID	Name	Label	Question
V310	q303	Q303. What is the percentage of shrink loss for potato?	
V311	q4001	Q4001. % of crop lost in-between harvest and storage or selling <TARG1>?	
V312	q152	Q152. Are <TARG1> grown in an active greenhouse or a passive greenhouse?	
V313	q147	Q147. When have the young plants been planted ?	
V314	q247_1a	Q247. BUYER 1 % of yield	
V315	q247_2a	Q247. BUYER 2 % of yield	
V316	q247_3a	Q247. BUYER 3 % of yield	
V317	q247_1b	Q247. BUYER 1 price per metric ton	
V318	q247_2b	Q247. BUYER 2 price per metric ton	
V319	q247_3b	Q247. BUYER 3 price per metric ton	
V320	q301	Q301. What is the starch content per potato? (%)	

total: 249

**Data file: Crop\_protection**

Cases: 0

variables: 34

**variables**

ID	Name	Label	Question
V321	harvestyear	Data collection wave	
V322	GrowingArea	To which field/plot does the information relate to?	
V323	ClusterID	Unique cluster ID	
V324	country	Country	
V325	Farmtype	FARMTYPE	
V326	GrowerID	Unique respondent ID	
V327	product	Unique code of a product within application	
V328	crop	The crop of focus	
V329	application	Unique code of an application per field per grower	
V330	q241a	Q241 a. Timing of product application	
V331	q241b	Q241 b.Type of product	
V332	q241c	Q241 c . Brand product name	
V333	q241c1	Q241 c1. Brand product formulation	
V334	c241c	CODED VARIABLE - stringcode	
V335	c241ca1	CODED VARIABLE - active ingredient1	
V336	c241cp1	CODED VARIABLE - amount of ai1	
V337	c241cu1	CODED VARIABLE - unit (% or Gr)	
V338	c241ca2	CODED VARIABLE - active ingredient2	
V339	c241cp2	CODED VARIABLE - amount of ai2	
V340	c241ca3	CODED VARIABLE - active ingredient3	
V341	c241cp3	CODED VARIABLE - amount of ai3	
V342	c241ca4	CODED VARIABLE - active ingredient4	
V343	c241cp4	CODED VARIABLE - amount of ai4	
V344	c241cpt	CODED VARIABLE - total amount of ai	
V345	q241d	CODED VARIABLE Q241 d. Dosage ?	
V346	q241e	CODED VARIABLE Q241 e. Unit of quantity	
V347	q241f	Q241 f. Amount of H2O solved in LITERS per <HECTARE>	
V348	q241g	Q241 g. Pest/disease/ weed targeted ?	
V349	q241h	Q241 h. Level of pest/ disease/ weed pressure	
V350	q241i	Q241 i. Percentage of the area treated against pests/ diseases/ weeds	
V351	q241j	Q241 j. Percentage of crop free of pests/ diseases/ weeds at harvest (in %)	
V352	q241k	Q241 k. Equipment type ?	
V353	q241n	Q241 n. What is the timing of the treatment - before crop-emergence or after crop-emergence	
V354	syngenta	CODED VARIABLE Syngenta product? (1 = YES; 0 = NO)	

total: 34

**Data file: Location**

Cases:	0
variables:	19

**variables**

ID	Name	Label	Question
V355	harvestyear	Year in which the data was collected	
V356	country	Country	
V357	ClusterID	Unique identifier per cluster	
V358	GrowerID	Unique identifier per grower	
V359	GrowingArea	Field code (A or B)	
V360	CORNER	Multiple corners of same field can be registered (only from 2018 onwards)	
V361	gps_option	gps_option	
V362	gps_shape	Description of the field (from 2018 onwards)	
V363	q22d_lat_deg	Latitude degrees	
V364	q22d_lat_min	Latitude minutes	
V365	q22d_lat_sec	Latitude seconds	
V366	q22d_lon_deg	Longitude degrees	
V367	q22d_lon_min	Longitude minutes	
V368	q22d_lon_sec	Longitude seconds	
V369	remark_area	Remark from the interviewer (2019 onwards)	
V370	q151	Q151. Open field or in a greenhouse?	
V371	q1f	Q1. F. Would it be okay for you for this company to contact you with information on The GGP?	
V372	q25	Q25. Farm address - postal code	
V373	admin_level_1	administrative area 1	

total: 19

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

Cases: 0

variables: 9

**variables**

ID	Name	Label	Question
V374	harvestyear	Year in which the data was collected	
V375	country	Country	
V376	crop	Crop	
V377	ClusterID	Unique identifier per cluster	
V378	farmtype	Reference farms versus Benchmark farms	
V379	GrowerID	Unique identifier per grower	
V380	GrowingArea	Field code (A or B)	
V381	activity	Which activities did the grower do on his field?	
V382	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
MoroccoMaize1	MoroccoMaize1
MoroccoPotato1	MoroccoPotato1
MoroccoWheat1	MoroccoWheat1

## COUNTRY: Country

Data file: fertilizers

### Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
Morocco	Morocco

## 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

Value	Category
28112100	28112100
28112700	28112700
28112900	28112900
2811300	2811300
28115100	28115100
28117100	28117100
28117200	28117200
28117300	28117300
28117400	28117400
28122100	28122100
28122400	28122400
28123000	28123000
28123100	28123100
28123200	28123200
28123300	28123300
28123400	28123400
28132500	28132500
28132600	28132600
28132700	28132700
28132800	28132800
28132900	28132900
28133000	28133000
28133100	28133100
28133200	28133200
28133300	28133300
2815300	2815300
2818400	2818400
2818800	2818800
2820200	2820200
2820400	2820400
2820500	2820500
2820600	2820600
2820800	2820800
28210200	28210200

28210400	28210400
28210800	28210800
28210900	28210900
28211100	28211100
28211200	28211200
28211500	28211500
28211600	28211600
28211700	28211700
28211800	28211800
28211900	28211900
28212000	28212000
28212100	28212100
28212200	28212200
28212300	28212300
28212400	28212400
28212500	28212500
28212600	28212600
28212800	28212800
2821600	2821600
28217500	28217500
28217600	28217600
28217700	28217700
28217800	28217800
2822000	2822000
28220000	28220000
28220100	28220100
28220200	28220200
28220300	28220300
28220400	28220400
28220500	28220500
28220600	28220600
28220700	28220700
28220800	28220800
28220900	28220900
28221000	28221000
28221100	28221100
28221200	28221200
28221300	28221300
28221400	28221400

28221500	28221500
28221600	28221600
28221700	28221700
28221800	28221800
28221900	28221900
28222000	28222000
28222200	28222200
28222500	28222500
2822600	2822600
2822700	2822700
28227600	28227600
2822800	2822800
2822900	2822900
28230000	28230000
28230100	28230100
28230200	28230200
28230300	28230300
28230400	28230400
28230500	28230500
28230600	28230600
28230700	28230700
28230800	28230800
28230900	28230900
2823100	2823100
28231100	28231100
28231200	28231200
28231300	28231300
28231400	28231400
28231500	28231500
28231600	28231600
28231700	28231700
28231800	28231800
28231900	28231900
28232000	28232000
28232100	28232100
28232300	28232300
28232400	28232400
28232500	28232500
2825400	2825400

2825500	2825500
2825700	2825700
2825800	2825800
2825900	2825900
2826000	2826000
2826100	2826100
2826500	2826500
2826800	2826800
2827100	2827100
2827400	2827400
2827600	2827600
2827800	2827800
2828000	2828000
2828100	2828100
2828500	2828500
2828700	2828700
2829300	2829300
2829400	2829400

## 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
10	10
2	2
3	3
4	4
5	5
6	6
7	7
8	8

9	9
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## 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
Corn	Corn
Potato	Potato
Wheat	Wheat

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

Data file: fertilizers

### Overview

Valid: 0 Invalid: 0

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

### Questions and instructions

#### CATEGORIES

Value	Category
2014-11-01	2014-11-01
2014-11-02	2014-11-02
2014-11-04	2014-11-04
2014-11-10	2014-11-10
2014-11-15	2014-11-15
2014-11-20	2014-11-20
2014-11-25	2014-11-25
2014-12-01	2014-12-01
2014-12-02	2014-12-02
2014-12-05	2014-12-05
2014-12-10	2014-12-10
2014-12-15	2014-12-15

2014-12-20	2014-12-20
2014-12-24	2014-12-24
2015-01-01	2015-01-01
2015-01-02	2015-01-02
2015-01-03	2015-01-03
2015-01-05	2015-01-05
2015-01-10	2015-01-10
2015-01-15	2015-01-15
2015-01-20	2015-01-20
2015-02-01	2015-02-01
2015-02-15	2015-02-15
2015-02-18	2015-02-18
2015-02-20	2015-02-20
2015-02-25	2015-02-25
2015-02-26	2015-02-26
2015-03-01	2015-03-01
2015-03-02	2015-03-02
2015-03-03	2015-03-03
2015-03-05	2015-03-05
2015-03-10	2015-03-10
2015-03-11	2015-03-11
2015-03-15	2015-03-15
2015-03-20	2015-03-20
2015-03-23	2015-03-23
2015-03-25	2015-03-25
2015-03-26	2015-03-26
2015-03-28	2015-03-28
2015-03-30	2015-03-30
2015-04-01	2015-04-01
2015-04-02	2015-04-02
2015-04-03	2015-04-03
2015-04-05	2015-04-05
2015-04-10	2015-04-10
2015-04-22	2015-04-22
2015-04-23	2015-04-23
2015-04-28	2015-04-28
2015-05-06	2015-05-06
2015-05-28	2015-05-28
2015-06-05	2015-06-05

2015-06-10	2015-06-10
2015-06-12	2015-06-12
2015-11-15	2015-11-15
2015-11-20	2015-11-20
2016-07-12	2016-07-12
2016-08-01	2016-08-01
2016-10-05	2016-10-05
2016-11-01	2016-11-01
2016-11-06	2016-11-06
2016-11-07	2016-11-07
2016-11-10	2016-11-10
2016-11-12	2016-11-12
2016-11-15	2016-11-15
2016-11-16	2016-11-16
2016-11-20	2016-11-20
2016-11-25	2016-11-25
2016-11-30	2016-11-30
2016-12-01	2016-12-01
2016-12-09	2016-12-09
2016-12-10	2016-12-10
2016-12-11	2016-12-11
2016-12-15	2016-12-15
2016-12-16	2016-12-16
2016-12-20	2016-12-20
2016-12-23	2016-12-23
2016-12-25	2016-12-25
2016-12-30	2016-12-30
2017-01-01	2017-01-01
2017-01-02	2017-01-02
2017-01-05	2017-01-05
2017-01-06	2017-01-06
2017-01-07	2017-01-07
2017-01-08	2017-01-08
2017-01-10	2017-01-10
2017-01-12	2017-01-12
2017-01-13	2017-01-13
2017-01-15	2017-01-15
2017-01-17	2017-01-17
2017-01-18	2017-01-18

2017-01-19	2017-01-19
2017-01-20	2017-01-20
2017-01-22	2017-01-22
2017-01-23	2017-01-23
2017-01-24	2017-01-24
2017-01-25	2017-01-25
2017-01-26	2017-01-26
2017-01-28	2017-01-28
2017-01-29	2017-01-29
2017-01-30	2017-01-30
2017-02-01	2017-02-01
2017-02-03	2017-02-03
2017-02-04	2017-02-04
2017-02-05	2017-02-05
2017-02-07	2017-02-07
2017-02-08	2017-02-08
2017-02-09	2017-02-09
2017-02-10	2017-02-10
2017-02-12	2017-02-12
2017-02-15	2017-02-15
2017-02-20	2017-02-20
2017-02-25	2017-02-25
2017-02-26	2017-02-26
2017-02-28	2017-02-28
2017-03-01	2017-03-01
2017-03-02	2017-03-02
2017-03-05	2017-03-05
2017-03-10	2017-03-10
2017-03-15	2017-03-15
2017-03-19	2017-03-19
2017-03-20	2017-03-20
2017-03-25	2017-03-25
2017-03-30	2017-03-30
2017-04-01	2017-04-01
2017-04-02	2017-04-02
2017-04-15	2017-04-15
2017-05-20	2017-05-20
2017-09-01	2017-09-01
2017-09-30	2017-09-30

2017-10-01	2017-10-01
2017-10-30	2017-10-30
2017-11-05	2017-11-05
2017-11-06	2017-11-06
2017-11-10	2017-11-10
2017-11-15	2017-11-15
2017-11-20	2017-11-20
2017-11-25	2017-11-25
2017-12-01	2017-12-01
2017-12-05	2017-12-05
2017-12-10	2017-12-10
2017-12-15	2017-12-15
2017-12-20	2017-12-20
2017-12-30	2017-12-30
2018-01-01	2018-01-01
2018-01-02	2018-01-02
2018-01-04	2018-01-04
2018-01-05	2018-01-05
2018-01-10	2018-01-10
2018-01-11	2018-01-11
2018-01-15	2018-01-15
2018-01-20	2018-01-20
2018-01-21	2018-01-21
2018-01-23	2018-01-23
2018-01-25	2018-01-25
2018-01-28	2018-01-28
2018-01-30	2018-01-30
2018-02-01	2018-02-01
2018-02-03	2018-02-03
2018-02-05	2018-02-05
2018-02-07	2018-02-07
2018-02-08	2018-02-08
2018-02-10	2018-02-10
2018-02-15	2018-02-15
2018-02-16	2018-02-16
2018-02-19	2018-02-19
2018-02-20	2018-02-20
2018-02-25	2018-02-25
2018-02-26	2018-02-26

2018-02-27	2018-02-27
2018-02-28	2018-02-28
2018-03-01	2018-03-01
2018-03-02	2018-03-02
2018-03-03	2018-03-03
2018-03-10	2018-03-10
2018-03-15	2018-03-15
2018-03-16	2018-03-16
2018-03-20	2018-03-20
2018-03-25	2018-03-25
2018-03-30	2018-03-30
2018-04-01	2018-04-01
2018-04-05	2018-04-05
2018-04-14	2018-04-14
2018-04-15	2018-04-15
2018-04-20	2018-04-20
2018-04-25	2018-04-25
2018-04-30	2018-04-30
2018-08-10	2018-08-10
2018-09-30	2018-09-30
2018-10-01	2018-10-01
2018-10-10	2018-10-10
2018-10-15	2018-10-15
2018-11-01	2018-11-01
2018-11-02	2018-11-02
2018-11-04	2018-11-04
2018-11-05	2018-11-05
2018-11-06	2018-11-06
2018-11-07	2018-11-07
2018-11-09	2018-11-09
2018-11-10	2018-11-10
2018-11-15	2018-11-15
2018-11-20	2018-11-20
2018-12-01	2018-12-01
2018-12-15	2018-12-15
2018-12-20	2018-12-20
2018-12-25	2018-12-25
2019-01-01	2019-01-01
2019-01-02	2019-01-02

2019-01-03	2019-01-03
2019-01-07	2019-01-07
2019-01-10	2019-01-10
2019-01-15	2019-01-15
2019-01-20	2019-01-20
2019-01-21	2019-01-21
2019-01-22	2019-01-22
2019-02-01	2019-02-01
2019-02-10	2019-02-10
2019-02-15	2019-02-15
2019-02-20	2019-02-20
2019-02-25	2019-02-25
2019-02-28	2019-02-28
2019-03-01	2019-03-01
2019-03-02	2019-03-02
2019-03-10	2019-03-10
2019-03-15	2019-03-15
2019-03-20	2019-03-20
2019-03-25	2019-03-25
2019-03-30	2019-03-30
2019-04-01	2019-04-01
2019-04-10	2019-04-10
2019-04-15	2019-04-15
2019-04-20	2019-04-20
2019-04-25	2019-04-25
2019-04-30	2019-04-30
2019-05-01	2019-05-01
2019-05-05	2019-05-05
2019-05-10	2019-05-10
2019-05-15	2019-05-15
2019-05-20	2019-05-20
2019-05-25	2019-05-25
2019-06-15	2019-06-15

## 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: 2 - 60000    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 - 500    Format: Numeric

---

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

Data file: fertilizers

#### Overview

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 10    Range: 0 - 48    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 - 55    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 - 21 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
Hand operated sprayers (e.g. knapsack),	Hand operated sprayers (e.g. knapsack),
Motorized boom sprayer	Motorized boom sprayer
Other	Other

---

**HARVESTYEAR: Data collection wave****Data file:** seed\_treatment**Overview**

Valid: 0    Invalid: 0

Type: Discrete    Decimal: 0    Width: 12    Range: 2015 - 2017    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
MoroccoWheat1	MoroccoWheat1

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

Valid: 0    Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
Morocco	Morocco

### 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
28115100	28115100
28132500	28132500
28132600	28132600
28132700	28132700
28132800	28132800
28132900	28132900
28230000	28230000
28230100	28230100
28230200	28230200

28230300	28230300
28230400	28230400
28230500	28230500
28230600	28230600
28230700	28230700
28230800	28230800
28230900	28230900
28231100	28231100
28231200	28231200
28231300	28231300
28231400	28231400
28231500	28231500
28231600	28231600
28231700	28231700
28231800	28231800
28231900	28231900
28232000	28232000
28232100	28232100
28232300	28232300
2825700	2825700

## 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

## 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
Wheat	Wheat

### Q73: What is the amount of seeds in that has been sown per ?

Data file: seed\_treatment

## Overview

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 10 Range: 160 - 220 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
2015-01-20	2015-01-20
2015-12-20	2015-12-20

### Q233C\_B: Q233C. b.Type of product

Data file: seed\_treatment

## Overview

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

## Questions and instructions

### CATEGORIES

Value	Category
1	Fungicide
2	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
2,4 D	2,4 D
Do not know	Do not know
EPOXYCONAZOLE	EPOXYCONAZOLE

**C233CP1: CODED VARIABLE - amount of ai1****Data file:** seed\_treatment**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 125 - 225 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

**Q233C\_D: Q233C. d. PRODUCT 1: Dosage****Data file:** seed\_treatment

## Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	100

## 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
MILLILITER/HECT	MILLILITER/HECT

## Q233C\_F: Q233C. f. PRODUCT 1: Amount of H2O solved in LITERS per

Data file: seed\_treatment

## Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 90 - 90 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
-------	----------

Ben hamou	Ben hamou
Don't know / no answer	Don't know / no answer
Rouille	Rouille

## 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 - 1    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category
1	No

**HARVESTYEAR: Data collection wave****Data file:** Farm\_level\_data**Overview**

Valid: 0 Invalid: 0

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

**REGION: Syngenta's definition of Region****Data file:** Farm\_level\_data**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
eame	eame

**TERRITORY: Syngenta's definition of Territory****Data file:** Farm\_level\_data**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
africa middle-east	africa middle-east

**GROWINGAREA: To which field/plot does the information relate to?****Data file:** Farm\_level\_data**Overview**

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
A	A
B	B

## CLUSTERID: Unique cluster ID

Data file: Farm\_level\_data

### Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
morocco maize1	morocco maize1
morocco potato1	morocco potato1
morocco tomato1	morocco tomato1
morocco wheat1	morocco wheat1

## 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
Morocco	Morocco

## 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
28112100	28112100
28112700	28112700
28112900	28112900
2811300	2811300
28115100	28115100
28117100	28117100
28117200	28117200
28117300	28117300
28117400	28117400
28122100	28122100
28122300	28122300
28122400	28122400
28123000	28123000
28123100	28123100
28123200	28123200
28123300	28123300
28123400	28123400
28132500	28132500

28132600	28132600
28132700	28132700
28132800	28132800
28132900	28132900
28133000	28133000
28133100	28133100
28133200	28133200
28133300	28133300
2815200	2815200
2815300	2815300
2817200	2817200
2818400	2818400
2818800	2818800
2818900	2818900
2819000	2819000
2819100	2819100
2819200	2819200
2819500	2819500
2820100	2820100
2820200	2820200
2820300	2820300
2820400	2820400
2820500	2820500
2820600	2820600
2820700	2820700
2820800	2820800
2820900	2820900
2821000	2821000
28210200	28210200
28210400	28210400
28210800	28210800
28210900	28210900
2821100	2821100
28211100	28211100
28211200	28211200
28211500	28211500
28211600	28211600
28211700	28211700
28211800	28211800

28211900	28211900
2821200	2821200
28212000	28212000
28212100	28212100
28212200	28212200
28212300	28212300
28212400	28212400
28212500	28212500
28212600	28212600
28212800	28212800
2821400	2821400
2821500	2821500
2821600	2821600
2821700	2821700
28217500	28217500
28217600	28217600
28217700	28217700
28217800	28217800
2821800	2821800
2822000	2822000
28220000	28220000
28220100	28220100
28220200	28220200
28220300	28220300
28220400	28220400
28220500	28220500
28220600	28220600
28220700	28220700
28220800	28220800
28220900	28220900
2822100	2822100
28221000	28221000
28221100	28221100
28221200	28221200
28221300	28221300
28221400	28221400
28221500	28221500
28221600	28221600
28221700	28221700

28221800	28221800
28221900	28221900
2822200	2822200
28222000	28222000
28222200	28222200
28222500	28222500
2822300	2822300
2822600	2822600
2822700	2822700
28227600	28227600
2822800	2822800
2822900	2822900
2823000	2823000
28230000	28230000
28230100	28230100
28230200	28230200
28230300	28230300
28230400	28230400
28230500	28230500
28230600	28230600
28230700	28230700
28230800	28230800
28230900	28230900
2823100	2823100
28231000	28231000
28231100	28231100
28231200	28231200
28231300	28231300
28231400	28231400
28231500	28231500
28231600	28231600
28231700	28231700
28231800	28231800
28231900	28231900
2823200	2823200
28232000	28232000
28232100	28232100
28232200	28232200
28232300	28232300

28232400	28232400
28232500	28232500
2823300	2823300
2823400	2823400
2823500	2823500
2823600	2823600
2823700	2823700
2823800	2823800
2823900	2823900
2824000	2824000
2824100	2824100
2824200	2824200
2824300	2824300
2824500	2824500
2824600	2824600
2824700	2824700
2824800	2824800
2824900	2824900
2825000	2825000
2825100	2825100
2825400	2825400
2825500	2825500
2825600	2825600
2825700	2825700
2825800	2825800
2825900	2825900
2826000	2826000
2826100	2826100
2826200	2826200
2826300	2826300
2826400	2826400
2826500	2826500
2826600	2826600
2826700	2826700
2826800	2826800
2826900	2826900
2827000	2827000
2827100	2827100
2827300	2827300

2827400	2827400
2827500	2827500
2827600	2827600
2827700	2827700
2827800	2827800
2827900	2827900
2828000	2828000
2828100	2828100
2828200	2828200
2828300	2828300
2828400	2828400
2828500	2828500
2828600	2828600
2828700	2828700
2829300	2829300
2829400	2829400

## 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
corn	corn
potato	potato
tomato	tomato
wheat	wheat

## AREASIZE: Q57. Size of growing area A for in

Data file: Farm\_level\_data

### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0.4 - 250 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: 0.5 - 250 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: 1.5 - 600 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: 0.9 - 90 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 - 2.2222222222222222 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 - 79 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 - 13.3706666666667 Format: Numeric

**POTASSIUM EFFICIENCY: 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 - 17.43 Format: Numeric

**SEED EFFICIENCY: Kgs of seeds used per ton produced****Data file:** Farm\_level\_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0.533333333333333 - 300 Format: Numeric

**PESTICIDE EFFICIENCY: 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 - 2.048 Format: Numeric

**HERBICIDE EFFICIENCY: Kgs of active ingredients from herbicides used per ton produced****Data file:** Farm\_level\_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 1.55555555555556 Format: Numeric

**FUNGICIDE EFFICIENCY: 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 - 1.12 Format: Numeric



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

## Questions and instructions

### CATEGORIES

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

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

Data file: Farm\_level\_data

### Overview

Valid: 0    Invalid: 0

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

## Questions and instructions

### CATEGORIES

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

## ■ **FIELD\_PREPARATION: Date of first field preparation**

Data file: Farm\_level\_data

### Overview

Valid: 0    Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
2013-01-08	2013-01-08
2013-02-11	2013-02-11
2013-06-01	2013-06-01
2013-07-01	2013-07-01
2013-07-07	2013-07-07

2013-07-10	2013-07-10
2013-07-15	2013-07-15
2013-07-16	2013-07-16
2013-07-20	2013-07-20
2013-08-01	2013-08-01
2013-08-15	2013-08-15
2013-09-01	2013-09-01
2013-09-03	2013-09-03
2013-09-14	2013-09-14
2013-09-15	2013-09-15
2013-09-30	2013-09-30
2013-10-01	2013-10-01
2013-10-09	2013-10-09
2013-10-15	2013-10-15
2014-01-12	2014-01-12
2014-02-01	2014-02-01
2014-03-01	2014-03-01
2014-03-02	2014-03-02
2014-03-04	2014-03-04
2014-03-05	2014-03-05
2014-03-06	2014-03-06
2014-03-07	2014-03-07
2014-03-08	2014-03-08
2014-03-09	2014-03-09
2014-03-10	2014-03-10
2014-03-12	2014-03-12
2014-03-18	2014-03-18
2014-03-20	2014-03-20
2014-04-01	2014-04-01
2014-06-01	2014-06-01
2014-06-02	2014-06-02
2014-06-03	2014-06-03
2014-06-06	2014-06-06
2014-06-10	2014-06-10
2014-06-12	2014-06-12
2014-06-15	2014-06-15
2014-06-24	2014-06-24
2014-07-01	2014-07-01
2014-07-09	2014-07-09

2014-08-01	2014-08-01
2014-08-02	2014-08-02
2014-08-15	2014-08-15
2014-08-20	2014-08-20
2014-08-30	2014-08-30
2014-09-01	2014-09-01
2014-09-05	2014-09-05
2014-09-07	2014-09-07
2014-09-10	2014-09-10
2014-09-15	2014-09-15
2014-10-01	2014-10-01
2014-10-15	2014-10-15
2014-11-10	2014-11-10
2015-01-01	2015-01-01
2015-01-15	2015-01-15
2015-02-08	2015-02-08
2015-02-15	2015-02-15
2015-02-20	2015-02-20
2015-03-15	2015-03-15
2015-03-25	2015-03-25
2015-08-01	2015-08-01
2015-08-10	2015-08-10
2015-09-01	2015-09-01
2015-09-10	2015-09-10
2015-09-15	2015-09-15
2015-09-20	2015-09-20
2015-10-01	2015-10-01
2015-10-10	2015-10-10
2015-10-15	2015-10-15
2015-11-01	2015-11-01
2015-11-15	2015-11-15
2015-11-20	2015-11-20
2015-11-30	2015-11-30
2015-12-01	2015-12-01
2015-12-15	2015-12-15
2015-12-20	2015-12-20
2015-12-30	2015-12-30
2016-01-01	2016-01-01
2016-01-15	2016-01-15

2016-02-01	2016-02-01
2016-07-10	2016-07-10
2016-08-01	2016-08-01
2016-09-01	2016-09-01
2016-09-06	2016-09-06
2016-09-07	2016-09-07
2016-09-10	2016-09-10
2016-09-12	2016-09-12
2016-09-15	2016-09-15
2016-09-20	2016-09-20
2016-10-01	2016-10-01
2016-10-08	2016-10-08
2016-10-10	2016-10-10
2016-10-15	2016-10-15
2016-11-01	2016-11-01
2016-12-01	2016-12-01
2016-12-15	2016-12-15
2016-12-23	2016-12-23
2016-12-30	2016-12-30
2017-01-01	2017-01-01
2017-01-08	2017-01-08
2017-01-10	2017-01-10
2017-01-11	2017-01-11
2017-01-15	2017-01-15
2017-01-20	2017-01-20
2017-01-25	2017-01-25
2017-02-01	2017-02-01
2017-02-20	2017-02-20
2017-09-01	2017-09-01
2017-09-15	2017-09-15
2017-09-20	2017-09-20
2017-09-30	2017-09-30
2017-10-01	2017-10-01
2017-10-10	2017-10-10
2017-10-15	2017-10-15
2017-10-20	2017-10-20
2017-10-30	2017-10-30
2017-12-01	2017-12-01
2017-12-15	2017-12-15

2017-12-20	2017-12-20
2017-12-30	2017-12-30
2018-01-01	2018-01-01
2018-01-02	2018-01-02
2018-01-15	2018-01-15
2018-01-28	2018-01-28
2018-01-30	2018-01-30
2018-02-01	2018-02-01
2018-02-15	2018-02-15
2018-08-01	2018-08-01
2018-09-01	2018-09-01
2018-09-15	2018-09-15
2018-09-20	2018-09-20
2018-09-30	2018-09-30
2018-10-01	2018-10-01
2018-10-09	2018-10-09
2018-10-10	2018-10-10
2018-10-15	2018-10-15
2018-10-20	2018-10-20
2018-12-01	2018-12-01
2019-01-01	2019-01-01
2019-01-10	2019-01-10
2019-02-01	2019-02-01
2019-02-11	2019-02-11

## 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
2013-10-11	2013-10-11
2013-11-01	2013-11-01
2013-11-02	2013-11-02

2013-11-07	2013-11-07
2013-11-15	2013-11-15
2014-01-02	2014-01-02
2014-01-15	2014-01-15
2014-01-22	2014-01-22
2014-01-30	2014-01-30
2014-02-01	2014-02-01
2014-02-02	2014-02-02
2014-02-03	2014-02-03
2014-02-04	2014-02-04
2014-02-08	2014-02-08
2014-02-10	2014-02-10
2014-02-20	2014-02-20
2014-03-03	2014-03-03
2014-03-04	2014-03-04
2014-03-10	2014-03-10
2014-03-12	2014-03-12
2014-03-14	2014-03-14
2014-03-15	2014-03-15
2014-03-16	2014-03-16
2014-03-20	2014-03-20
2014-03-24	2014-03-24
2014-03-28	2014-03-28
2014-04-20	2014-04-20
2014-06-05	2014-06-05
2014-06-10	2014-06-10
2014-06-15	2014-06-15
2014-06-18	2014-06-18
2014-06-20	2014-06-20
2014-06-21	2014-06-21
2014-06-29	2014-06-29
2014-07-01	2014-07-01
2014-07-05	2014-07-05
2014-07-10	2014-07-10
2014-07-14	2014-07-14
2014-07-25	2014-07-25
2014-08-01	2014-08-01
2014-08-03	2014-08-03
2014-08-10	2014-08-10

2014-08-15	2014-08-15
2014-08-20	2014-08-20
2014-08-25	2014-08-25
2014-11-01	2014-11-01
2014-11-04	2014-11-04
2014-11-10	2014-11-10
2014-11-15	2014-11-15
2015-01-01	2015-01-01
2015-01-02	2015-01-02
2015-01-03	2015-01-03
2015-01-05	2015-01-05
2015-01-10	2015-01-10
2015-01-15	2015-01-15
2015-01-20	2015-01-20
2015-01-26	2015-01-26
2015-01-30	2015-01-30
2015-03-01	2015-03-01
2015-03-15	2015-03-15
2015-03-16	2015-03-16
2015-03-20	2015-03-20
2015-04-03	2015-04-03
2015-04-15	2015-04-15
2015-04-26	2015-04-26
2015-05-15	2015-05-15
2015-05-25	2015-05-25
2015-05-30	2015-05-30
2015-11-01	2015-11-01
2015-11-07	2015-11-07
2015-11-10	2015-11-10
2015-11-15	2015-11-15
2015-11-20	2015-11-20
2015-11-25	2015-11-25
2015-12-01	2015-12-01
2016-01-01	2016-01-01
2016-01-02	2016-01-02
2016-01-03	2016-01-03
2016-01-30	2016-01-30
2016-02-01	2016-02-01
2016-02-02	2016-02-02

2016-02-03	2016-02-03
2016-02-05	2016-02-05
2016-02-10	2016-02-10
2016-02-15	2016-02-15
2016-03-01	2016-03-01
2016-10-01	2016-10-01
2016-11-01	2016-11-01
2016-11-05	2016-11-05
2016-11-08	2016-11-08
2016-11-10	2016-11-10
2016-11-12	2016-11-12
2016-11-15	2016-11-15
2016-11-16	2016-11-16
2016-11-20	2016-11-20
2016-11-25	2016-11-25
2017-01-20	2017-01-20
2017-01-25	2017-01-25
2017-02-01	2017-02-01
2017-02-04	2017-02-04
2017-02-07	2017-02-07
2017-02-08	2017-02-08
2017-02-10	2017-02-10
2017-02-15	2017-02-15
2017-02-16	2017-02-16
2017-02-18	2017-02-18
2017-02-20	2017-02-20
2017-02-25	2017-02-25
2017-03-01	2017-03-01
2017-11-06	2017-11-06
2017-11-10	2017-11-10
2017-11-15	2017-11-15
2017-11-20	2017-11-20
2017-11-24	2017-11-24
2017-11-25	2017-11-25
2017-12-01	2017-12-01
2017-12-05	2017-12-05
2017-12-15	2017-12-15
2018-01-30	2018-01-30
2018-02-01	2018-02-01

2018-02-02	2018-02-02
2018-02-05	2018-02-05
2018-02-10	2018-02-10
2018-02-15	2018-02-15
2018-02-20	2018-02-20
2018-02-25	2018-02-25
2018-02-26	2018-02-26
2018-02-28	2018-02-28
2018-11-01	2018-11-01
2018-11-02	2018-11-02
2018-11-04	2018-11-04
2018-11-06	2018-11-06
2018-11-07	2018-11-07
2018-11-09	2018-11-09
2018-11-10	2018-11-10
2018-11-15	2018-11-15
2018-11-20	2018-11-20
2019-02-01	2019-02-01
2019-02-10	2019-02-10
2019-02-15	2019-02-15
2019-02-20	2019-02-20
2019-02-25	2019-02-25
2019-02-28	2019-02-28
2019-03-01	2019-03-01
2019-03-10	2019-03-10

## **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

Value	Category
2014-05-01	2014-05-01
2014-05-05	2014-05-05

2014-05-10	2014-05-10
2014-05-15	2014-05-15
2014-05-20	2014-05-20
2014-05-24	2014-05-24
2014-06-01	2014-06-01
2014-06-02	2014-06-02
2014-06-07	2014-06-07
2014-06-10	2014-06-10
2014-06-15	2014-06-15
2014-06-18	2014-06-18
2014-06-19	2014-06-19
2014-06-20	2014-06-20
2014-06-21	2014-06-21
2014-06-25	2014-06-25
2014-06-26	2014-06-26
2014-07-01	2014-07-01
2014-07-11	2014-07-11
2014-07-20	2014-07-20
2014-08-01	2014-08-01
2014-08-02	2014-08-02
2014-08-06	2014-08-06
2014-08-20	2014-08-20
2014-09-01	2014-09-01
2014-09-15	2014-09-15
2014-09-20	2014-09-20
2014-09-25	2014-09-25
2014-09-27	2014-09-27
2014-10-01	2014-10-01
2014-10-02	2014-10-02
2014-10-03	2014-10-03
2014-10-10	2014-10-10
2014-10-15	2014-10-15
2014-10-20	2014-10-20
2014-10-22	2014-10-22
2014-11-10	2014-11-10
2015-05-01	2015-05-01
2015-06-01	2015-06-01
2015-06-10	2015-06-10
2015-06-15	2015-06-15

2015-06-20	2015-06-20
2015-06-23	2015-06-23
2015-06-24	2015-06-24
2015-06-25	2015-06-25
2015-06-26	2015-06-26
2015-06-27	2015-06-27
2015-06-28	2015-06-28
2015-06-30	2015-06-30
2015-07-01	2015-07-01
2015-07-05	2015-07-05
2015-07-13	2015-07-13
2015-07-15	2015-07-15
2015-07-25	2015-07-25
2015-07-26	2015-07-26
2015-07-29	2015-07-29
2015-08-05	2015-08-05
2015-08-12	2015-08-12
2015-08-15	2015-08-15
2016-03-01	2016-03-01
2016-05-01	2016-05-01
2016-05-03	2016-05-03
2016-05-05	2016-05-05
2016-05-10	2016-05-10
2016-05-15	2016-05-15
2016-05-20	2016-05-20
2016-05-25	2016-05-25
2016-05-30	2016-05-30
2016-06-01	2016-06-01
2016-06-02	2016-06-02
2016-06-05	2016-06-05
2016-06-10	2016-06-10
2016-06-15	2016-06-15
2017-05-10	2017-05-10
2017-05-15	2017-05-15
2017-05-20	2017-05-20
2017-05-25	2017-05-25
2017-05-28	2017-05-28
2017-05-30	2017-05-30
2017-06-01	2017-06-01

2017-06-05	2017-06-05
2017-06-06	2017-06-06
2017-06-10	2017-06-10
2017-06-15	2017-06-15
2018-04-01	2018-04-01
2018-05-01	2018-05-01
2018-05-10	2018-05-10
2018-05-15	2018-05-15
2018-05-27	2018-05-27
2018-05-30	2018-05-30
2018-06-01	2018-06-01
2018-06-02	2018-06-02
2018-06-05	2018-06-05
2018-06-06	2018-06-06
2018-06-10	2018-06-10
2018-06-11	2018-06-11
2018-06-15	2018-06-15
2018-06-20	2018-06-20
2018-06-25	2018-06-25
2018-06-26	2018-06-26
2018-06-30	2018-06-30
2018-07-01	2018-07-01
2019-05-15	2019-05-15
2019-05-20	2019-05-20
2019-05-25	2019-05-25
2019-05-27	2019-05-27
2019-05-30	2019-05-30
2019-06-01	2019-06-01
2019-06-03	2019-06-03
2019-06-04	2019-06-04
2019-06-05	2019-06-05
2019-06-07	2019-06-07
2019-06-10	2019-06-10
2019-06-15	2019-06-15
2019-06-18	2019-06-18
2019-06-20	2019-06-20

**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**

## CATEGORIES

Value	Category
2014-05-01	2014-05-01
2014-05-10	2014-05-10
2014-05-12	2014-05-12
2014-05-20	2014-05-20
2014-05-25	2014-05-25
2014-05-30	2014-05-30
2014-06-01	2014-06-01
2014-06-02	2014-06-02
2014-06-09	2014-06-09
2014-06-10	2014-06-10
2014-06-15	2014-06-15
2014-06-20	2014-06-20
2014-06-24	2014-06-24
2014-06-26	2014-06-26
2014-06-29	2014-06-29
2014-06-30	2014-06-30
2014-07-01	2014-07-01
2014-07-02	2014-07-02
2014-07-07	2014-07-07
2014-07-09	2014-07-09
2014-07-10	2014-07-10
2014-07-12	2014-07-12
2014-07-15	2014-07-15
2014-07-20	2014-07-20
2014-07-21	2014-07-21
2014-07-22	2014-07-22
2014-07-29	2014-07-29
2014-07-30	2014-07-30
2014-08-01	2014-08-01
2014-08-10	2014-08-10

2014-09-24	2014-09-24
2014-10-07	2014-10-07
2014-10-12	2014-10-12
2014-10-20	2014-10-20
2014-10-25	2014-10-25
2014-10-26	2014-10-26
2014-10-30	2014-10-30
2014-11-20	2014-11-20
2015-05-01	2015-05-01
2015-05-27	2015-05-27
2015-06-01	2015-06-01
2015-06-06	2015-06-06
2015-06-10	2015-06-10
2015-06-15	2015-06-15
2015-06-20	2015-06-20
2015-06-22	2015-06-22
2015-06-25	2015-06-25
2015-06-27	2015-06-27
2015-06-29	2015-06-29
2015-06-30	2015-06-30
2015-07-01	2015-07-01
2015-07-02	2015-07-02
2015-07-05	2015-07-05
2015-07-07	2015-07-07
2015-07-10	2015-07-10
2015-07-12	2015-07-12
2015-07-13	2015-07-13
2015-07-15	2015-07-15
2015-07-20	2015-07-20
2015-07-22	2015-07-22
2015-07-30	2015-07-30
2015-08-01	2015-08-01
2015-08-04	2015-08-04
2015-08-07	2015-08-07
2015-08-17	2015-08-17
2015-08-22	2015-08-22
2015-08-24	2015-08-24
2015-08-28	2015-08-28
2015-10-01	2015-10-01

2016-03-20	2016-03-20
2016-05-05	2016-05-05
2016-05-06	2016-05-06
2016-05-07	2016-05-07
2016-05-10	2016-05-10
2016-05-12	2016-05-12
2016-05-15	2016-05-15
2016-05-17	2016-05-17
2016-05-18	2016-05-18
2016-05-20	2016-05-20
2016-05-30	2016-05-30
2016-06-03	2016-06-03
2016-06-04	2016-06-04
2016-06-05	2016-06-05
2016-06-06	2016-06-06
2016-06-07	2016-06-07
2016-06-10	2016-06-10
2016-06-15	2016-06-15
2016-06-17	2016-06-17
2016-06-20	2016-06-20
2016-06-30	2016-06-30
2016-07-01	2016-07-01
2016-07-10	2016-07-10
2016-07-20	2016-07-20
2017-05-11	2017-05-11
2017-05-17	2017-05-17
2017-05-18	2017-05-18
2017-05-20	2017-05-20
2017-05-21	2017-05-21
2017-05-22	2017-05-22
2017-05-23	2017-05-23
2017-05-25	2017-05-25
2017-05-26	2017-05-26
2017-05-27	2017-05-27
2017-05-29	2017-05-29
2017-05-31	2017-05-31
2017-06-01	2017-06-01
2017-06-02	2017-06-02
2017-06-05	2017-06-05

2017-06-10	2017-06-10
2017-06-11	2017-06-11
2017-06-13	2017-06-13
2017-06-15	2017-06-15
2017-06-16	2017-06-16
2017-06-20	2017-06-20
2017-06-22	2017-06-22
2017-06-25	2017-06-25
2017-06-28	2017-06-28
2017-06-29	2017-06-29
2017-06-30	2017-06-30
2018-04-01	2018-04-01
2018-05-04	2018-05-04
2018-05-13	2018-05-13
2018-05-19	2018-05-19
2018-05-30	2018-05-30
2018-06-01	2018-06-01
2018-06-03	2018-06-03
2018-06-04	2018-06-04
2018-06-05	2018-06-05
2018-06-06	2018-06-06
2018-06-07	2018-06-07
2018-06-08	2018-06-08
2018-06-14	2018-06-14
2018-06-15	2018-06-15
2018-06-16	2018-06-16
2018-06-20	2018-06-20
2018-06-24	2018-06-24
2018-06-25	2018-06-25
2018-06-27	2018-06-27
2018-06-30	2018-06-30
2018-07-01	2018-07-01
2018-07-02	2018-07-02
2018-07-03	2018-07-03
2018-07-04	2018-07-04
2018-07-05	2018-07-05
2018-07-06	2018-07-06
2018-07-07	2018-07-07
2018-07-10	2018-07-10

2019-05-22	2019-05-22
2019-05-27	2019-05-27
2019-05-30	2019-05-30
2019-06-01	2019-06-01
2019-06-02	2019-06-02
2019-06-03	2019-06-03
2019-06-04	2019-06-04
2019-06-05	2019-06-05
2019-06-06	2019-06-06
2019-06-07	2019-06-07
2019-06-08	2019-06-08
2019-06-10	2019-06-10
2019-06-12	2019-06-12
2019-06-15	2019-06-15
2019-06-16	2019-06-16
2019-06-17	2019-06-17
2019-06-18	2019-06-18
2019-06-20	2019-06-20
2019-06-23	2019-06-23
2019-06-25	2019-06-25
2019-06-29	2019-06-29
2019-06-30	2019-06-30

**TERRITORY: Syngenta definition of territory (sub-region)****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
africa middle-east	africa middle-east

**COUNTRY: Country****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
Morocco	Morocco

**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
morocco maize1	morocco maize1
morocco potato1	morocco potato1
morocco tomato1	morocco tomato1
morocco wheat1	morocco wheat1

**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
28112100	28112100
28112700	28112700
28112900	28112900
2811300	2811300
28115100	28115100
28117100	28117100
28117200	28117200
28117300	28117300
28117400	28117400
28122100	28122100
28122300	28122300
28122400	28122400
28123000	28123000
28123100	28123100
28123200	28123200
28123300	28123300
28123400	28123400
28132500	28132500
28132600	28132600
28132700	28132700
28132800	28132800
28132900	28132900
28133000	28133000
28133100	28133100
28133200	28133200
28133300	28133300
2815200	2815200
2815300	2815300

2817200	2817200
2818400	2818400
2818800	2818800
2818900	2818900
2819000	2819000
2819100	2819100
2819200	2819200
2819500	2819500
2820100	2820100
2820200	2820200
2820300	2820300
2820400	2820400
2820500	2820500
2820600	2820600
2820700	2820700
2820800	2820800
2820900	2820900
2821000	2821000
28210200	28210200
28210400	28210400
28210800	28210800
28210900	28210900
2821100	2821100
28211100	28211100
28211200	28211200
28211500	28211500
28211600	28211600
28211700	28211700
28211800	28211800
28211900	28211900
2821200	2821200
28212000	28212000
28212100	28212100
28212200	28212200
28212300	28212300
28212400	28212400
28212500	28212500
28212600	28212600
28212800	28212800

2821400	2821400
2821500	2821500
2821600	2821600
2821700	2821700
28217500	28217500
28217600	28217600
28217700	28217700
28217800	28217800
2821800	2821800
2822000	2822000
28220000	28220000
28220100	28220100
28220200	28220200
28220300	28220300
28220400	28220400
28220500	28220500
28220600	28220600
28220700	28220700
28220800	28220800
28220900	28220900
2822100	2822100
28221000	28221000
28221100	28221100
28221200	28221200
28221300	28221300
28221400	28221400
28221500	28221500
28221600	28221600
28221700	28221700
28221800	28221800
28221900	28221900
2822200	2822200
28222000	28222000
28222200	28222200
28222500	28222500
2822300	2822300
2822600	2822600
2822700	2822700
28227600	28227600

2822800	2822800
2822900	2822900
2823000	2823000
28230000	28230000
28230100	28230100
28230200	28230200
28230300	28230300
28230400	28230400
28230500	28230500
28230600	28230600
28230700	28230700
28230800	28230800
28230900	28230900
2823100	2823100
28231000	28231000
28231100	28231100
28231200	28231200
28231300	28231300
28231400	28231400
28231500	28231500
28231600	28231600
28231700	28231700
28231800	28231800
28231900	28231900
2823200	2823200
28232000	28232000
28232100	28232100
28232200	28232200
28232300	28232300
28232400	28232400
28232500	28232500
2823300	2823300
2823400	2823400
2823500	2823500
2823600	2823600
2823700	2823700
2823800	2823800
2823900	2823900
2824000	2824000

2824100	2824100
2824200	2824200
2824300	2824300
2824500	2824500
2824600	2824600
2824700	2824700
2824800	2824800
2824900	2824900
2825000	2825000
2825100	2825100
2825400	2825400
2825500	2825500
2825600	2825600
2825700	2825700
2825800	2825800
2825900	2825900
2826000	2826000
2826100	2826100
2826200	2826200
2826300	2826300
2826400	2826400
2826500	2826500
2826600	2826600
2826700	2826700
2826800	2826800
2826900	2826900
2827000	2827000
2827100	2827100
2827300	2827300
2827400	2827400
2827500	2827500
2827600	2827600
2827700	2827700
2827800	2827800
2827900	2827900
2828000	2828000
2828100	2828100
2828200	2828200
2828300	2828300

2828400	2828400
2828500	2828500
2828600	2828600
2828700	2828700
2829300	2829300
2829400	2829400

## 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
corn	corn
potato	potato

tomato	tomato
wheat	wheat

### Q56A2\_1: Q56A2. Growing area changed from previous year- did not plant this area due to crop rotation

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

### Q56A2\_2: Q56A2. Growing area changed from previous year- I hired another area

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

Value	Category
1	mentioned
2	not mentioned

### Q56A2\_4: Q56A2. Growing area changed from previous year- I left my field fallow

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

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

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

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 2 - 150 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
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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: 1921 - 1993 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

**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 - 5 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
1	don't know/ no answer
2	from no tillage to reduced tillage
3	from conventional tillage to no tillage
4	from no tillage to conventional tillage
5	from reduced 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 - 28 Format: Numeric

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

Data file: Global\_farm\_data

## Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	Full-time grower
2	Part-time grower

### Q30B: Q30. B. How long have you been engaged in farming activities?

Data file: Global\_farm\_data

## Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 53 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
04	04

05	05
06	06
07	07
08	08
09	09
10 very satisfied	10 very satisfied

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

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

Value	Category
1	no
2	yes

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

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

Value	Category
1	yes
2	no

### 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: 2 - 20    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: 5 - 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: 4 - 8 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 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
1	from grassland to arable land

**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: 5 - 7 Format: Numeric

**Q65: Q65. Do you practice intercropping for ?****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	yes
2	no

**Q66\_1: Q66. Which crops do you intercrop? Apples****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	not mentioned
2	mentioned

**Q66\_3: Q66. Which crops do you intercrop? Barley****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	mentioned
2	not mentioned

**Q66\_4: Q66. Which crops do you intercrop? Cauliflower****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	not mentioned
2	mentioned

**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\_12: Q66. Which crops do you intercrop? Pepper****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	not mentioned

2	mentioned
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### Q66\_13: Q66. Which crops do you intercrop? Potato

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

### Q66\_15: Q66. Which crops do you intercrop? Soybean

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

### Q66\_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
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1	not mentioned
2	mentioned

### Q66\_20: Q66. Which crops do you intercrop? Watermelon

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

### Q66\_21: Q66. Which crops do you intercrop? Wheat

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

Value	Category
1	mentioned
2	not mentioned

### 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\_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\_1: Q61. What crops are you cultivating in rotation? Apples

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

### Q61\_3: Q61. What crops are you cultivating in rotation? Barley

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	mentioned
2	not mentioned

### Q61\_4: Q61. What crops are you cultivating in rotation? Cauliflower

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

### Q61\_7: Q61. What crops are you cultivating in rotation? Corn

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	mentioned
2	not mentioned

## Q61\_12: Q61. What crops are you cultivating in rotation? Pepper

Data file: Global\_farm\_data

### Overview

Valid: 0    Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

## Q61\_13: Q61. What crops are you cultivating in rotation? Potato

Data file: Global\_farm\_data

### Overview

Valid: 0    Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

## Q61\_15: Q61. What crops are you cultivating in rotation? Soybean

Data file: Global\_farm\_data

## Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

## Q61\_18: Q61. What crops are you cultivating in rotation? Sunflower

Data file: Global\_farm\_data

## Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

## Q61\_19: Q61. What crops are you cultivating in rotation? Tomato

Data file: Global\_farm\_data

## Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	mentioned
2	not mentioned

**Q61\_20: Q61. What crops are you cultivating in rotation? Watermelon****Data file:** Global\_farm\_data**Overview**

Valid: 0    Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	not mentioned
2	mentioned

**Q61\_21: Q61. What crops are you cultivating in rotation? Wheat****Data file:** Global\_farm\_data**Overview**

Valid: 0    Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	mentioned
2	not mentioned

**Q61\_22: Q61. What crops are you cultivating in rotation? Alfalfa/lucerna****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\_25: Q61. What crops are you cultivating in rotation? Beets/roots (turnip, yam)****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\_27: Q61. What crops are you cultivating in rotation? Bitter melon****Data file:** Global\_farm\_data**Overview**

Valid: 0    Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	not mentioned
2	mentioned

**Q61\_31: Q61. What crops are you cultivating in rotation? Carrot****Data file:** Global\_farm\_data**Overview**

Valid: 0    Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	not mentioned

2	mentioned
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### Q61\_32: Q61. What crops are you cultivating in rotation? Cassava

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\_45: Q61. What crops are you cultivating in rotation? Fennel

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

### Q61\_53: Q61. What crops are you cultivating in rotation? Herbs

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

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

1	not mentioned
2	mentioned

### Q61\_58: Q61. What crops are you cultivating in rotation? 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

### Q61\_62: Q61. What crops are you cultivating in rotation? Millet

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

### Q61\_65: Q61. What crops are you cultivating in rotation? Oats

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

### Q61\_67: Q61. What crops are you cultivating in rotation? Onion

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

### Q61\_68: Q61. What crops are you cultivating in rotation? Other melons

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\_77: Q61. What crops are you cultivating in rotation? Pineapple

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\_89: Q61. What crops are you cultivating in rotation? Sugar beet

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

## 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 - 13    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	other. specify:
13	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\_1: Q55E2. Who organized this training? Syngenta representative****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	not mentioned
2	mentioned

**Q55E2\_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\_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

**Q55E2\_99: Q55E2. Who organized this training? 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

**Q5501: Q5501. Have you been contacted by a Syngenta representative during the past season?****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	yes
2	no

**Q5502\_1: Q5502. Can you describe how the Syngenta representative contacted you?  
Demonstration day****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

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

1	not mentioned
2	mentioned

## Q5502\_2: Q5502. Can you describe how the Syngenta representative contacted you? They visited my farm

Data file: Global\_farm\_data

### Overview

Valid: 0 Invalid: 0

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

### Questions and instructions

#### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

## Q5502\_4: Q5502. Can you describe how the Syngenta representative contacted you? Phone call

Data file: Global\_farm\_data

### Overview

Valid: 0 Invalid: 0

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

### Questions and instructions

#### CATEGORIES

Value	Category
1	mentioned
2	not mentioned

## 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 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
1	rather useful
2	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, heliosecc, 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\_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
Il l'utilise une nouvelle fois	Il l'utilise une nouvelle fois
Les utiliser dans autres sols	Les utiliser dans autres sols

## Q55A\_1: Q55a. Where do you clean your sprain equipment? On farm

Data file: Global\_farm\_data

## Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

## Q55B\_1: Q55b. Where do you dispose the water used for cleaning you equipment? On field

Data file: Global\_farm\_data

## Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	mentioned
2	not mentioned

**Q55B\_2: Q55b. Where do you dispose the water used for cleaning you equipment? Citerne****Data file:** Global\_farm\_data**Overview**

Valid: 0    Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	mentioned

**Q55B\_3: Q55b. Where do you dispose the water used for cleaning you equipment? On an unpaved surface****Data file:** Global\_farm\_data**Overview**

Valid: 0    Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	mentioned

**Q55B\_4: Q55b. Where do you dispose the water used for cleaning you equipment? On a paved surface (drain / dike)****Data file:** Global\_farm\_data**Overview**

Valid: 0    Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	mentioned

**Q55B\_96: Q55b. Where do you dispose the water used for cleaning you equipment? Other specify 1:****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	mentioned

**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
2013-01-08	2013-01-08
2013-02-11	2013-02-11
2013-06-01	2013-06-01
2013-07-01	2013-07-01
2013-07-07	2013-07-07
2013-07-10	2013-07-10
2013-07-15	2013-07-15
2013-07-16	2013-07-16
2013-07-20	2013-07-20
2013-08-01	2013-08-01
2013-08-15	2013-08-15
2013-09-01	2013-09-01
2013-09-03	2013-09-03
2013-09-14	2013-09-14
2013-09-15	2013-09-15
2013-09-30	2013-09-30
2013-10-01	2013-10-01
2013-10-09	2013-10-09
2013-10-15	2013-10-15
2014-01-12	2014-01-12
2014-02-01	2014-02-01
2014-03-01	2014-03-01
2014-03-02	2014-03-02
2014-03-04	2014-03-04
2014-03-05	2014-03-05
2014-03-06	2014-03-06
2014-03-07	2014-03-07
2014-03-08	2014-03-08

2014-03-09	2014-03-09
2014-03-10	2014-03-10
2014-03-12	2014-03-12
2014-03-18	2014-03-18
2014-03-20	2014-03-20
2014-04-01	2014-04-01
2014-06-01	2014-06-01
2014-06-02	2014-06-02
2014-06-03	2014-06-03
2014-06-06	2014-06-06
2014-06-10	2014-06-10
2014-06-12	2014-06-12
2014-06-15	2014-06-15
2014-06-24	2014-06-24
2014-07-01	2014-07-01
2014-07-09	2014-07-09
2015-01-01	2015-01-01
2015-08-01	2015-08-01
2015-08-10	2015-08-10
2015-09-01	2015-09-01
2015-09-10	2015-09-10
2015-09-15	2015-09-15
2015-09-20	2015-09-20
2015-10-01	2015-10-01
2015-10-10	2015-10-10
2015-10-15	2015-10-15
2015-11-01	2015-11-01
2015-11-15	2015-11-15
2015-11-20	2015-11-20
2015-11-30	2015-11-30
2015-12-01	2015-12-01
2015-12-15	2015-12-15
2015-12-20	2015-12-20
2015-12-30	2015-12-30
2016-01-01	2016-01-01
2016-01-15	2016-01-15
2016-02-01	2016-02-01
2016-07-10	2016-07-10
2016-08-01	2016-08-01

2016-09-01	2016-09-01
2016-09-06	2016-09-06
2016-09-07	2016-09-07
2016-09-10	2016-09-10
2016-09-12	2016-09-12
2016-09-15	2016-09-15
2016-09-20	2016-09-20
2016-10-01	2016-10-01
2016-10-08	2016-10-08
2016-10-10	2016-10-10
2016-10-15	2016-10-15
2016-11-01	2016-11-01
2016-12-01	2016-12-01
2016-12-15	2016-12-15
2016-12-23	2016-12-23
2016-12-30	2016-12-30
2017-01-01	2017-01-01
2017-01-08	2017-01-08
2017-01-10	2017-01-10
2017-01-11	2017-01-11
2017-01-15	2017-01-15
2017-01-20	2017-01-20
2017-01-25	2017-01-25
2017-02-01	2017-02-01
2017-02-20	2017-02-20
2017-09-01	2017-09-01
2017-09-15	2017-09-15
2017-09-20	2017-09-20
2017-09-30	2017-09-30
2017-10-01	2017-10-01
2017-10-10	2017-10-10
2017-10-15	2017-10-15
2017-10-20	2017-10-20
2017-10-30	2017-10-30
2017-12-01	2017-12-01
2017-12-15	2017-12-15
2017-12-20	2017-12-20
2017-12-30	2017-12-30
2018-01-01	2018-01-01

2018-01-02	2018-01-02
2018-01-15	2018-01-15
2018-01-28	2018-01-28
2018-01-30	2018-01-30
2018-02-01	2018-02-01
2018-02-15	2018-02-15
2018-08-01	2018-08-01
2018-09-01	2018-09-01
2018-09-15	2018-09-15
2018-09-20	2018-09-20
2018-09-30	2018-09-30
2018-10-01	2018-10-01
2018-10-09	2018-10-09
2018-10-10	2018-10-10
2018-10-15	2018-10-15
2018-10-20	2018-10-20
2018-12-01	2018-12-01
2019-01-01	2019-01-01
2019-01-10	2019-01-10
2019-02-01	2019-02-01
2019-02-11	2019-02-11

### 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: 160 - 10000 Format: Numeric

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

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 1 - 750 Format: Numeric

### Q73A1UNIT: Q73A1.UNIT Please indicate the measurement unit used?

Data file: Global\_farm\_data

## Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
kgs	kgs
ton	ton

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

Data file: Global\_farm\_data

## Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	potatoes for fresh use
2	seed potatoes

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

Data file: Global\_farm\_data

## Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	active greenhouse

**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
2013-10-11	2013-10-11
2013-11-01	2013-11-01
2013-11-02	2013-11-02
2013-11-07	2013-11-07
2013-11-15	2013-11-15
2014-01-02	2014-01-02
2014-01-15	2014-01-15
2014-01-22	2014-01-22
2014-01-30	2014-01-30
2014-02-01	2014-02-01
2014-02-02	2014-02-02
2014-02-03	2014-02-03
2014-02-04	2014-02-04
2014-02-08	2014-02-08
2014-02-10	2014-02-10
2014-02-20	2014-02-20
2014-03-03	2014-03-03
2014-03-04	2014-03-04
2014-03-10	2014-03-10
2014-03-12	2014-03-12
2014-03-14	2014-03-14
2014-03-15	2014-03-15
2014-03-16	2014-03-16
2014-03-20	2014-03-20
2014-03-24	2014-03-24
2014-03-28	2014-03-28
2014-04-20	2014-04-20
2014-06-05	2014-06-05
2014-06-10	2014-06-10
2014-06-15	2014-06-15
2014-06-18	2014-06-18
2014-06-20	2014-06-20

2014-06-21	2014-06-21
2014-06-29	2014-06-29
2014-07-01	2014-07-01
2014-07-05	2014-07-05
2014-07-10	2014-07-10
2014-07-14	2014-07-14
2014-07-25	2014-07-25
2014-08-01	2014-08-01
2014-08-03	2014-08-03
2014-08-10	2014-08-10
2014-08-15	2014-08-15
2014-08-20	2014-08-20
2014-08-25	2014-08-25
2015-11-01	2015-11-01
2015-11-07	2015-11-07
2015-11-10	2015-11-10
2015-11-15	2015-11-15
2015-11-20	2015-11-20
2015-11-25	2015-11-25
2015-12-01	2015-12-01
2016-01-01	2016-01-01
2016-01-02	2016-01-02
2016-01-03	2016-01-03
2016-01-30	2016-01-30
2016-02-01	2016-02-01
2016-02-02	2016-02-02
2016-02-03	2016-02-03
2016-02-05	2016-02-05
2016-02-10	2016-02-10
2016-02-15	2016-02-15
2016-03-01	2016-03-01
2016-10-01	2016-10-01
2016-11-01	2016-11-01
2016-11-05	2016-11-05
2016-11-08	2016-11-08
2016-11-10	2016-11-10
2016-11-12	2016-11-12
2016-11-15	2016-11-15
2016-11-16	2016-11-16

2016-11-20	2016-11-20
2016-11-25	2016-11-25
2017-01-20	2017-01-20
2017-01-25	2017-01-25
2017-02-01	2017-02-01
2017-02-04	2017-02-04
2017-02-07	2017-02-07
2017-02-08	2017-02-08
2017-02-10	2017-02-10
2017-02-15	2017-02-15
2017-02-16	2017-02-16
2017-02-18	2017-02-18
2017-02-20	2017-02-20
2017-02-25	2017-02-25
2017-03-01	2017-03-01
2017-11-06	2017-11-06
2017-11-10	2017-11-10
2017-11-15	2017-11-15
2017-11-20	2017-11-20
2017-11-24	2017-11-24
2017-11-25	2017-11-25
2017-12-01	2017-12-01
2017-12-05	2017-12-05
2017-12-15	2017-12-15
2018-01-30	2018-01-30
2018-02-01	2018-02-01
2018-02-02	2018-02-02
2018-02-05	2018-02-05
2018-02-10	2018-02-10
2018-02-15	2018-02-15
2018-02-20	2018-02-20
2018-02-25	2018-02-25
2018-02-26	2018-02-26
2018-02-28	2018-02-28
2018-11-01	2018-11-01
2018-11-02	2018-11-02
2018-11-04	2018-11-04
2018-11-06	2018-11-06
2018-11-07	2018-11-07

2018-11-09	2018-11-09
2018-11-10	2018-11-10
2018-11-15	2018-11-15
2018-11-20	2018-11-20
2019-02-01	2019-02-01
2019-02-10	2019-02-10
2019-02-15	2019-02-15
2019-02-20	2019-02-20
2019-02-25	2019-02-25
2019-02-28	2019-02-28
2019-03-01	2019-03-01
2019-03-10	2019-03-10

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

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

Value	Category
1	yes
2	no

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

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

Value	Category
1	no
2	yes

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

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

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

### Q397NEW: Q397\_NEW. If you have received a crop program and/or any recommendations for growing to implement this season.

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

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

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

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	yes
2	no

#### Q224: Q224. Do you apply organic fertilizers for ?

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

### Questions and instructions

### CATEGORIES

Value	Category
1	no
2	yes

#### Q226: Q226. Do you apply chemical fertilizers for ?

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

### Questions and instructions

### CATEGORIES

Value	Category
1	yes
2	no

#### Q229B1: Q229B1.Total number of applications you perform with chemical fertilizers on growing area for ?

Data file: Global\_farm\_data

**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 1 - 9 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 - 1 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 - 5 Format: Numeric

**Questions and instructions**

## CATEGORIES

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

**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 - 5 Format: Numeric

#### Questions and instructions

##### CATEGORIES

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

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

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

Value	Category
1	yes
2	no

**Q240D: Q240D. Note down the total number of treatments you perform with crop protection products****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 13 Format: Numeric

**Q75: Q75. What is the final stand i.e. the number of plants - per /?****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 1 - 350 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 - 40 Format: Numeric

**Q243A: Q243. When was the harvest period for ?****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
2014-05-01	2014-05-01
2014-05-05	2014-05-05
2014-05-10	2014-05-10
2014-05-15	2014-05-15
2014-05-20	2014-05-20
2014-05-24	2014-05-24
2014-06-01	2014-06-01
2014-06-02	2014-06-02
2014-06-07	2014-06-07

2014-06-10	2014-06-10
2014-06-15	2014-06-15
2014-06-18	2014-06-18
2014-06-19	2014-06-19
2014-06-20	2014-06-20
2014-06-21	2014-06-21
2014-06-25	2014-06-25
2014-06-26	2014-06-26
2014-07-01	2014-07-01
2014-07-11	2014-07-11
2014-07-20	2014-07-20
2014-08-01	2014-08-01
2014-08-02	2014-08-02
2014-08-06	2014-08-06
2014-08-20	2014-08-20
2014-09-01	2014-09-01
2014-09-15	2014-09-15
2014-09-20	2014-09-20
2014-09-25	2014-09-25
2014-09-27	2014-09-27
2014-10-01	2014-10-01
2014-10-02	2014-10-02
2014-10-03	2014-10-03
2014-10-10	2014-10-10
2014-10-15	2014-10-15
2014-10-20	2014-10-20
2014-10-22	2014-10-22
2014-11-10	2014-11-10
2016-03-01	2016-03-01
2016-05-01	2016-05-01
2016-05-03	2016-05-03
2016-05-05	2016-05-05
2016-05-10	2016-05-10
2016-05-15	2016-05-15
2016-05-20	2016-05-20
2016-05-25	2016-05-25
2016-05-30	2016-05-30
2016-06-01	2016-06-01
2016-06-02	2016-06-02

2016-06-05	2016-06-05
2016-06-10	2016-06-10
2016-06-15	2016-06-15
2017-05-10	2017-05-10
2017-05-15	2017-05-15
2017-05-20	2017-05-20
2017-05-25	2017-05-25
2017-05-28	2017-05-28
2017-05-30	2017-05-30
2017-06-01	2017-06-01
2017-06-05	2017-06-05
2017-06-06	2017-06-06
2017-06-10	2017-06-10
2017-06-15	2017-06-15
2018-04-01	2018-04-01
2018-05-01	2018-05-01
2018-05-10	2018-05-10
2018-05-15	2018-05-15
2018-05-27	2018-05-27
2018-05-30	2018-05-30
2018-06-01	2018-06-01
2018-06-02	2018-06-02
2018-06-05	2018-06-05
2018-06-06	2018-06-06
2018-06-10	2018-06-10
2018-06-11	2018-06-11
2018-06-15	2018-06-15
2018-06-20	2018-06-20
2018-06-25	2018-06-25
2018-06-26	2018-06-26
2018-06-30	2018-06-30
2018-07-01	2018-07-01
2019-05-15	2019-05-15
2019-05-20	2019-05-20
2019-05-25	2019-05-25
2019-05-27	2019-05-27
2019-05-30	2019-05-30
2019-06-01	2019-06-01
2019-06-03	2019-06-03

2019-06-04	2019-06-04
2019-06-05	2019-06-05
2019-06-07	2019-06-07
2019-06-10	2019-06-10
2019-06-15	2019-06-15
2019-06-18	2019-06-18
2019-06-20	2019-06-20

### Q243B: Q243. When was the harvest period for ?

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

#### CATEGORIES

Value	Category
2014-05-01	2014-05-01
2014-05-10	2014-05-10
2014-05-12	2014-05-12
2014-05-20	2014-05-20
2014-05-25	2014-05-25
2014-05-30	2014-05-30
2014-06-01	2014-06-01
2014-06-02	2014-06-02
2014-06-09	2014-06-09
2014-06-10	2014-06-10
2014-06-15	2014-06-15
2014-06-20	2014-06-20
2014-06-24	2014-06-24
2014-06-26	2014-06-26
2014-06-29	2014-06-29
2014-06-30	2014-06-30
2014-07-01	2014-07-01
2014-07-02	2014-07-02
2014-07-07	2014-07-07
2014-07-09	2014-07-09

2014-07-10	2014-07-10
2014-07-12	2014-07-12
2014-07-15	2014-07-15
2014-07-20	2014-07-20
2014-07-21	2014-07-21
2014-07-22	2014-07-22
2014-07-29	2014-07-29
2014-07-30	2014-07-30
2014-08-01	2014-08-01
2014-08-10	2014-08-10
2014-09-24	2014-09-24
2014-10-07	2014-10-07
2014-10-12	2014-10-12
2014-10-20	2014-10-20
2014-10-25	2014-10-25
2014-10-26	2014-10-26
2014-10-30	2014-10-30
2014-11-20	2014-11-20
2015-05-01	2015-05-01
2015-05-27	2015-05-27
2015-06-01	2015-06-01
2015-06-06	2015-06-06
2015-06-15	2015-06-15
2015-06-20	2015-06-20
2015-06-25	2015-06-25
2015-06-27	2015-06-27
2015-06-30	2015-06-30
2015-07-01	2015-07-01
2015-07-10	2015-07-10
2015-07-13	2015-07-13
2015-07-15	2015-07-15
2015-07-20	2015-07-20
2015-07-30	2015-07-30
2015-10-01	2015-10-01
2016-03-20	2016-03-20
2016-05-05	2016-05-05
2016-05-06	2016-05-06
2016-05-07	2016-05-07
2016-05-10	2016-05-10

2016-05-12	2016-05-12
2016-05-15	2016-05-15
2016-05-17	2016-05-17
2016-05-18	2016-05-18
2016-05-20	2016-05-20
2016-05-30	2016-05-30
2016-06-03	2016-06-03
2016-06-04	2016-06-04
2016-06-05	2016-06-05
2016-06-06	2016-06-06
2016-06-07	2016-06-07
2016-06-10	2016-06-10
2016-06-15	2016-06-15
2016-06-17	2016-06-17
2016-06-20	2016-06-20
2016-06-30	2016-06-30
2016-07-01	2016-07-01
2016-07-10	2016-07-10
2016-07-20	2016-07-20
2017-05-11	2017-05-11
2017-05-17	2017-05-17
2017-05-18	2017-05-18
2017-05-20	2017-05-20
2017-05-21	2017-05-21
2017-05-22	2017-05-22
2017-05-23	2017-05-23
2017-05-25	2017-05-25
2017-05-26	2017-05-26
2017-05-27	2017-05-27
2017-05-29	2017-05-29
2017-05-31	2017-05-31
2017-06-01	2017-06-01
2017-06-02	2017-06-02
2017-06-05	2017-06-05
2017-06-10	2017-06-10
2017-06-11	2017-06-11
2017-06-13	2017-06-13
2017-06-15	2017-06-15
2017-06-16	2017-06-16

2017-06-20	2017-06-20
2017-06-22	2017-06-22
2017-06-25	2017-06-25
2017-06-28	2017-06-28
2017-06-29	2017-06-29
2017-06-30	2017-06-30
2018-04-01	2018-04-01
2018-05-04	2018-05-04
2018-05-13	2018-05-13
2018-05-19	2018-05-19
2018-05-30	2018-05-30
2018-06-01	2018-06-01
2018-06-03	2018-06-03
2018-06-04	2018-06-04
2018-06-05	2018-06-05
2018-06-06	2018-06-06
2018-06-07	2018-06-07
2018-06-08	2018-06-08
2018-06-14	2018-06-14
2018-06-15	2018-06-15
2018-06-16	2018-06-16
2018-06-20	2018-06-20
2018-06-24	2018-06-24
2018-06-25	2018-06-25
2018-06-27	2018-06-27
2018-06-30	2018-06-30
2018-07-01	2018-07-01
2018-07-02	2018-07-02
2018-07-03	2018-07-03
2018-07-04	2018-07-04
2018-07-05	2018-07-05
2018-07-06	2018-07-06
2018-07-07	2018-07-07
2018-07-10	2018-07-10
2019-05-22	2019-05-22
2019-05-27	2019-05-27
2019-05-30	2019-05-30
2019-06-01	2019-06-01
2019-06-02	2019-06-02

2019-06-03	2019-06-03
2019-06-04	2019-06-04
2019-06-05	2019-06-05
2019-06-06	2019-06-06
2019-06-07	2019-06-07
2019-06-08	2019-06-08
2019-06-10	2019-06-10
2019-06-12	2019-06-12
2019-06-15	2019-06-15
2019-06-16	2019-06-16
2019-06-17	2019-06-17
2019-06-18	2019-06-18
2019-06-20	2019-06-20
2019-06-23	2019-06-23
2019-06-25	2019-06-25
2019-06-29	2019-06-29
2019-06-30	2019-06-30

### Q243BB: Q243b. Have you harvested in the same period as last year?

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

#### CATEGORIES

Value	Category
1	yes
2	no

### Q244: Q244. Marketable yield that has been achieved for growing area A for in per ?

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0.9 - 7 Format: Numeric

**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: 6 - 10 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: 30 - 55 Format: Numeric

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

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 20 - 70 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\_5: Q4094. Who measured the yield on each of the growing areas? Cooperative

Data file: Global\_farm\_data

## Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	mentioned
2	not mentioned

## Q4094\_96: Q4094. Who measured the yield on each of the growing areas? Other specify1

Data file: Global\_farm\_data

## Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

## Q4094\_98: Q4094. Who measured the yield on each of the growing areas? Other specify3

Data file: Global\_farm\_data

## Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

### Q4094\_99: Q4094. Who measured the yield on each of the growing areas? Don't know / no answer

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

Value	Category
1	increased
2	decreased
3	remained stable

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

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

Value	Category
1	somewhat satisfied

2	very unsatisfied
3	very satisfied
4	somewhat unsatisfied

### Q4097A: Q4097. A. How satisfied are you with the price you received on the market?

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

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

### Q251: Q251. % of crop damaged at the time of harvest (total lost - not marketable) for ?

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

### Q360A: Q360. When was the harvest period for ?

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

Value	Category
2014-05-01	2014-05-01
2014-05-05	2014-05-05

2014-05-10	2014-05-10
2014-05-15	2014-05-15
2014-05-20	2014-05-20
2014-05-24	2014-05-24
2014-06-01	2014-06-01
2014-06-02	2014-06-02
2014-06-07	2014-06-07
2014-06-10	2014-06-10
2014-06-15	2014-06-15
2014-06-18	2014-06-18
2014-06-19	2014-06-19
2014-06-20	2014-06-20
2014-06-21	2014-06-21
2014-06-25	2014-06-25
2014-06-26	2014-06-26
2014-07-01	2014-07-01
2014-07-11	2014-07-11
2014-07-20	2014-07-20
2014-08-01	2014-08-01
2014-08-02	2014-08-02
2014-08-06	2014-08-06
2014-08-20	2014-08-20
2014-09-01	2014-09-01
2014-09-15	2014-09-15
2014-09-20	2014-09-20
2014-09-25	2014-09-25
2014-09-27	2014-09-27
2014-10-01	2014-10-01
2014-10-02	2014-10-02
2014-10-03	2014-10-03
2014-10-10	2014-10-10
2014-10-15	2014-10-15
2014-10-20	2014-10-20
2014-10-22	2014-10-22
2014-11-10	2014-11-10

### 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

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### CATEGORIES

Value	Category
2014-05-01	2014-05-01
2014-05-10	2014-05-10
2014-05-12	2014-05-12
2014-05-20	2014-05-20
2014-05-25	2014-05-25
2014-05-30	2014-05-30
2014-06-01	2014-06-01
2014-06-02	2014-06-02
2014-06-09	2014-06-09
2014-06-10	2014-06-10
2014-06-15	2014-06-15
2014-06-20	2014-06-20
2014-06-24	2014-06-24
2014-06-26	2014-06-26
2014-06-29	2014-06-29
2014-06-30	2014-06-30
2014-07-01	2014-07-01
2014-07-02	2014-07-02
2014-07-07	2014-07-07
2014-07-09	2014-07-09
2014-07-10	2014-07-10
2014-07-12	2014-07-12
2014-07-15	2014-07-15
2014-07-20	2014-07-20
2014-07-21	2014-07-21
2014-07-22	2014-07-22
2014-07-29	2014-07-29
2014-07-30	2014-07-30
2014-08-01	2014-08-01
2014-08-10	2014-08-10
2014-09-24	2014-09-24
2014-10-07	2014-10-07

2014-10-12	2014-10-12
2014-10-20	2014-10-20
2014-10-25	2014-10-25
2014-10-26	2014-10-26
2014-10-30	2014-10-30
2014-11-20	2014-11-20
2015-05-01	2015-05-01
2015-05-27	2015-05-27
2015-06-01	2015-06-01
2015-06-06	2015-06-06
2015-06-15	2015-06-15
2015-06-20	2015-06-20
2015-06-25	2015-06-25
2015-06-27	2015-06-27
2015-06-30	2015-06-30
2015-07-01	2015-07-01
2015-07-10	2015-07-10
2015-07-13	2015-07-13
2015-07-15	2015-07-15
2015-07-20	2015-07-20
2015-07-30	2015-07-30
2015-10-01	2015-10-01

### 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
2014-05-01	2014-05-01
2014-05-05	2014-05-05
2014-05-10	2014-05-10
2014-05-15	2014-05-15
2014-05-20	2014-05-20

2014-05-24	2014-05-24
2014-06-01	2014-06-01
2014-06-02	2014-06-02
2014-06-07	2014-06-07
2014-06-10	2014-06-10
2014-06-15	2014-06-15
2014-06-18	2014-06-18
2014-06-19	2014-06-19
2014-06-20	2014-06-20
2014-06-21	2014-06-21
2014-06-25	2014-06-25
2014-06-26	2014-06-26
2014-07-01	2014-07-01
2014-07-11	2014-07-11
2014-07-20	2014-07-20
2014-08-01	2014-08-01
2014-08-02	2014-08-02
2014-08-06	2014-08-06
2014-08-20	2014-08-20
2014-09-01	2014-09-01
2014-09-15	2014-09-15
2014-09-20	2014-09-20
2014-09-25	2014-09-25
2014-09-27	2014-09-27
2014-10-01	2014-10-01
2014-10-02	2014-10-02
2014-10-03	2014-10-03
2014-10-10	2014-10-10
2014-10-15	2014-10-15
2014-10-20	2014-10-20
2014-10-22	2014-10-22
2014-11-10	2014-11-10

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

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
2014-05-01	2014-05-01
2014-05-10	2014-05-10
2014-05-12	2014-05-12
2014-05-20	2014-05-20
2014-05-25	2014-05-25
2014-05-30	2014-05-30
2014-06-01	2014-06-01
2014-06-02	2014-06-02
2014-06-09	2014-06-09
2014-06-10	2014-06-10
2014-06-15	2014-06-15
2014-06-20	2014-06-20
2014-06-24	2014-06-24
2014-06-26	2014-06-26
2014-06-29	2014-06-29
2014-06-30	2014-06-30
2014-07-01	2014-07-01
2014-07-02	2014-07-02
2014-07-07	2014-07-07
2014-07-09	2014-07-09
2014-07-10	2014-07-10
2014-07-12	2014-07-12
2014-07-15	2014-07-15
2014-07-20	2014-07-20
2014-07-21	2014-07-21
2014-07-22	2014-07-22
2014-07-29	2014-07-29
2014-07-30	2014-07-30
2014-08-01	2014-08-01
2014-08-10	2014-08-10
2014-09-24	2014-09-24
2014-10-07	2014-10-07
2014-10-12	2014-10-12
2014-10-20	2014-10-20
2014-10-25	2014-10-25

2014-10-26	2014-10-26
2014-10-30	2014-10-30
2014-11-20	2014-11-20
2015-05-01	2015-05-01
2015-05-27	2015-05-27
2015-06-01	2015-06-01
2015-06-06	2015-06-06
2015-06-15	2015-06-15
2015-06-20	2015-06-20
2015-06-25	2015-06-25
2015-06-27	2015-06-27
2015-06-30	2015-06-30
2015-07-01	2015-07-01
2015-07-10	2015-07-10
2015-07-13	2015-07-13
2015-07-15	2015-07-15
2015-07-20	2015-07-20
2015-07-30	2015-07-30
2015-10-01	2015-10-01

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

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

#### CATEGORIES

Value	Category
2014-05-01	2014-05-01
2014-05-05	2014-05-05
2014-05-10	2014-05-10
2014-05-15	2014-05-15
2014-05-20	2014-05-20
2014-05-24	2014-05-24
2014-06-01	2014-06-01
2014-06-02	2014-06-02

2014-06-07	2014-06-07
2014-06-10	2014-06-10
2014-06-15	2014-06-15
2014-06-18	2014-06-18
2014-06-19	2014-06-19
2014-06-20	2014-06-20
2014-06-21	2014-06-21
2014-06-25	2014-06-25
2014-06-26	2014-06-26
2014-07-01	2014-07-01
2014-07-11	2014-07-11
2014-07-20	2014-07-20
2014-08-01	2014-08-01
2014-08-02	2014-08-02
2014-08-06	2014-08-06
2014-08-20	2014-08-20
2014-09-01	2014-09-01
2014-09-15	2014-09-15
2014-09-20	2014-09-20
2014-09-25	2014-09-25
2014-09-27	2014-09-27
2014-10-01	2014-10-01
2014-10-02	2014-10-02
2014-10-03	2014-10-03
2014-10-10	2014-10-10
2014-10-15	2014-10-15
2014-10-20	2014-10-20
2014-10-22	2014-10-22
2014-11-10	2014-11-10

### 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

Value	Category
2014-05-01	2014-05-01
2014-05-10	2014-05-10
2014-05-12	2014-05-12
2014-05-20	2014-05-20
2014-05-25	2014-05-25
2014-05-30	2014-05-30
2014-06-01	2014-06-01
2014-06-02	2014-06-02
2014-06-09	2014-06-09
2014-06-10	2014-06-10
2014-06-15	2014-06-15
2014-06-20	2014-06-20
2014-06-24	2014-06-24
2014-06-26	2014-06-26
2014-06-29	2014-06-29
2014-06-30	2014-06-30
2014-07-01	2014-07-01
2014-07-02	2014-07-02
2014-07-07	2014-07-07
2014-07-09	2014-07-09
2014-07-10	2014-07-10
2014-07-12	2014-07-12
2014-07-15	2014-07-15
2014-07-20	2014-07-20
2014-07-21	2014-07-21
2014-07-22	2014-07-22
2014-07-29	2014-07-29
2014-07-30	2014-07-30
2014-08-01	2014-08-01
2014-08-10	2014-08-10
2014-09-24	2014-09-24
2014-10-07	2014-10-07
2014-10-12	2014-10-12
2014-10-20	2014-10-20
2014-10-25	2014-10-25
2014-10-26	2014-10-26
2014-10-30	2014-10-30
2014-11-20	2014-11-20

2015-05-01	2015-05-01
2015-05-27	2015-05-27
2015-06-01	2015-06-01
2015-06-06	2015-06-06
2015-06-15	2015-06-15
2015-06-20	2015-06-20
2015-06-25	2015-06-25
2015-06-27	2015-06-27
2015-06-30	2015-06-30
2015-07-01	2015-07-01
2015-07-10	2015-07-10
2015-07-13	2015-07-13
2015-07-15	2015-07-15
2015-07-20	2015-07-20
2015-07-30	2015-07-30
2015-10-01	2015-10-01

### 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 - 80 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 - 5    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	i leave the crop residue on the field
2	i burn the crop residue
3	i remove the crop residue and use it as compost
4	i remove the crop residue and export it off farm
5	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: 1 - 147000    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: 6000 - 70000 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: 3000 - 105000 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 - 52500 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 - 35000 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 - 20000 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 - 20000 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 - 5000 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 - 6000 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 - 2500 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 - 2000 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 - 5000 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 - 500 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 - 0 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: 4 - 60 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: 4 - 30 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 - 30 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: 4 - 45 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 - 30 Format: Numeric

**Q381\_7: Q381. Percentage of FUEL costs out of the total input cost for ?****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

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

**Q381\_8: Q381. Percentage of ELECTRICITY costs out of the total input cost for ?****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 40 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 - 30 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 - 0 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 - 1 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	no

**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 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
1	rain-fed (no equipment, only natural rainfall)
2	irrigated using irrigation equipment (e.g. rain,
3	other. specify 1:
4	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: 3 - 270 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: 3 - 6500 Format: Numeric

**Q7016: Q7016. Please indicate what percentage of the area is irrigated for****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 80 - 100 Format: Numeric

**Q7017: Q7017. Which method of irrigation did you apply for ?****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	dispersing drop by drop to the base of the plant

**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 - 3 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	rather satisfied
2	very satisfied

3	rather unsatisfied
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## 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
2018-08-01	2018-08-01
2018-09-01	2018-09-01
2018-09-15	2018-09-15
2018-09-20	2018-09-20
2018-09-30	2018-09-30
2018-10-01	2018-10-01
2018-10-09	2018-10-09
2018-10-10	2018-10-10
2018-10-15	2018-10-15
2018-10-20	2018-10-20
2018-12-01	2018-12-01
2019-01-01	2019-01-01
2019-01-10	2019-01-10
2019-02-01	2019-02-01
2019-02-11	2019-02-11

## 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
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2018-11-01	2018-11-01
2018-11-02	2018-11-02
2018-11-04	2018-11-04
2018-11-06	2018-11-06
2018-11-07	2018-11-07
2018-11-09	2018-11-09
2018-11-10	2018-11-10
2018-11-15	2018-11-15
2018-11-20	2018-11-20
2019-02-01	2019-02-01
2019-02-10	2019-02-10
2019-02-15	2019-02-15
2019-02-20	2019-02-20
2019-02-25	2019-02-25
2019-02-28	2019-02-28
2019-03-01	2019-03-01
2019-03-10	2019-03-10

### 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
2019-05-15	2019-05-15
2019-05-20	2019-05-20
2019-05-25	2019-05-25
2019-05-27	2019-05-27
2019-05-30	2019-05-30
2019-06-01	2019-06-01
2019-06-03	2019-06-03
2019-06-04	2019-06-04
2019-06-05	2019-06-05
2019-06-07	2019-06-07

2019-06-10	2019-06-10
2019-06-15	2019-06-15
2019-06-18	2019-06-18
2019-06-20	2019-06-20

## 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
2019-05-22	2019-05-22
2019-05-27	2019-05-27
2019-05-30	2019-05-30
2019-06-01	2019-06-01
2019-06-02	2019-06-02
2019-06-03	2019-06-03
2019-06-04	2019-06-04
2019-06-05	2019-06-05
2019-06-06	2019-06-06
2019-06-07	2019-06-07
2019-06-08	2019-06-08
2019-06-10	2019-06-10
2019-06-12	2019-06-12
2019-06-15	2019-06-15
2019-06-16	2019-06-16
2019-06-17	2019-06-17
2019-06-18	2019-06-18
2019-06-20	2019-06-20
2019-06-23	2019-06-23
2019-06-25	2019-06-25
2019-06-29	2019-06-29
2019-06-30	2019-06-30

**HARVESTYEAR: Data collection wave****Data file:** Global\_farm\_data**Overview**

Valid: 0    Invalid: 0

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

**Q215: Q215. When did the first field preparation start for cauliflower?****Data file:** Global\_farm\_data**Overview**

Valid: 0    Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
2013-01-08	2013-01-08
2013-02-11	2013-02-11
2013-06-01	2013-06-01
2013-07-01	2013-07-01
2013-07-07	2013-07-07
2013-07-10	2013-07-10
2013-07-15	2013-07-15
2013-07-16	2013-07-16
2013-07-20	2013-07-20
2013-08-01	2013-08-01
2013-08-15	2013-08-15
2013-09-01	2013-09-01
2013-09-03	2013-09-03
2013-09-14	2013-09-14
2013-09-15	2013-09-15
2013-09-30	2013-09-30
2013-10-01	2013-10-01
2013-10-09	2013-10-09
2013-10-15	2013-10-15
2014-01-12	2014-01-12
2014-02-01	2014-02-01
2014-03-01	2014-03-01
2014-03-02	2014-03-02

2014-03-04	2014-03-04
2014-03-05	2014-03-05
2014-03-06	2014-03-06
2014-03-07	2014-03-07
2014-03-08	2014-03-08
2014-03-09	2014-03-09
2014-03-10	2014-03-10
2014-03-12	2014-03-12
2014-03-18	2014-03-18
2014-03-20	2014-03-20
2014-04-01	2014-04-01
2014-06-01	2014-06-01
2014-06-02	2014-06-02
2014-06-03	2014-06-03
2014-06-06	2014-06-06
2014-06-10	2014-06-10
2014-06-12	2014-06-12
2014-06-15	2014-06-15
2014-06-24	2014-06-24
2014-07-01	2014-07-01
2014-07-09	2014-07-09

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

Data file: Global\_farm\_data

### Overview

Valid: 0 Invalid: 0

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

### Questions and instructions

#### CATEGORIES

Value	Category
2013-10-11	2013-10-11
2013-11-01	2013-11-01
2013-11-02	2013-11-02
2013-11-07	2013-11-07
2013-11-15	2013-11-15
2014-01-02	2014-01-02

2014-01-15	2014-01-15
2014-01-22	2014-01-22
2014-01-30	2014-01-30
2014-02-01	2014-02-01
2014-02-02	2014-02-02
2014-02-03	2014-02-03
2014-02-04	2014-02-04
2014-02-08	2014-02-08
2014-02-10	2014-02-10
2014-02-20	2014-02-20
2014-03-03	2014-03-03
2014-03-04	2014-03-04
2014-03-10	2014-03-10
2014-03-12	2014-03-12
2014-03-14	2014-03-14
2014-03-15	2014-03-15
2014-03-16	2014-03-16
2014-03-20	2014-03-20
2014-03-24	2014-03-24
2014-03-28	2014-03-28
2014-04-20	2014-04-20
2014-06-05	2014-06-05
2014-06-10	2014-06-10
2014-06-15	2014-06-15
2014-06-18	2014-06-18
2014-06-20	2014-06-20
2014-06-21	2014-06-21
2014-06-29	2014-06-29
2014-07-01	2014-07-01
2014-07-05	2014-07-05
2014-07-10	2014-07-10
2014-07-14	2014-07-14
2014-07-25	2014-07-25
2014-08-01	2014-08-01
2014-08-03	2014-08-03
2014-08-10	2014-08-10
2014-08-15	2014-08-15
2014-08-20	2014-08-20
2014-08-25	2014-08-25

**Q4000\_1: q4000\_1. To whom do you sell your yield - I sell it on the local market****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	not mentioned
2	mentioned

**Q4000\_2: q4000\_2. To whom do you sell your yield - I sell it to a trader****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	not mentioned
2	mentioned

**Q4000\_3: q4000\_3. To whom do you sell your yield - I sell it to a wholesaler****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	not mentioned

2	mentioned
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#### Q4000\_4: q4000\_4. To whom do you sell your yield - I sell it to a feed processing plant

Data file: Global\_farm\_data

##### Overview

Valid: 0 Invalid: 0

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

##### Questions and instructions

###### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

#### Q4000\_5: q4000\_5. To whom do you sell your yield - I sell it to a cooperative I am part of

Data file: Global\_farm\_data

##### Overview

Valid: 0 Invalid: 0

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

##### Questions and instructions

###### CATEGORIES

Value	Category
1	mentioned
2	not mentioned

#### Q4000\_6: q4000\_6. To whom do you sell your yield -I sell it under a contract

Data file: Global\_farm\_data

##### Overview

Valid: 0 Invalid: 0

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

##### Questions and instructions

###### CATEGORIES

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

1	not mentioned
2	mentioned

### Q4000\_96: q4000\_96. To whom do you sell your yield -Other. Specify 1:

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

### Q4000\_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

### Q4000\_OTH1: Q4000b. Can you please tell us what are your main sources for selling the harvest? Other. Specify 1

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
Car je stocke mon produit	Car je stocke mon produit
DANS FRIGO	DANS FRIGO
DANS LE FRIGO	DANS LE FRIGO
DIRECTEMENT AU CONSOMATEUR	DIRECTEMENT AU CONSOMATEUR
Je stocke apr!s J'ai vend	Je stocke apr!s J'ai vend
Je stocke mon produit	Je stocke mon produit
La recolte est perdue et je ne vend pas	La recolte est perdue et je ne vend pas
Stock	Stock
Stockage dans le frigo	Stockage dans le frigo
Utiliser uniquement dans l'agriculture	Utiliser uniquement dans l'agriculture
je laisse comme grains	je laisse comme grains
je laisse un peu pour zariia	je laisse un peu pour zariia
pour les grains	pour les grains

### Q389\_1: q389\_1. Which water source has been used for irrigation? Private connection to pipeline

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

### Q389\_2: q389\_2. Which water source has been used for irrigation? Private well

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

### Q389\_4: q389\_4. Which water source has been used for irrigation? Public river, stream

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	mentioned
2	not mentioned

### Q389\_5: q389\_5. Which water source has been used for irrigation? Public lake, pond

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

### Q389\_99: q389\_99. Which water source has been used for irrigation? 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

**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
2	2
Efficace	Efficace
Je m'intéresse à toutes les informations et les instructions qui m'aident dans ce domaine	Je m'intéresse à toutes les informations et les instructions qui m'aident dans ce domaine
Le coût "lev" de la récolte	Le coût "lev" de la récolte
Manque d'équipement	Manque d'équipement
Nouvelles produits de syngenta	Nouvelles produits de syngenta
Pour obtenir ne très bonne récolte	Pour obtenir ne très bonne récolte
Pour avoir une bonne récolte	Pour avoir une bonne récolte
Proposer des nouvelles technologies dans l'agriculture	Proposer des nouvelles technologies dans l'agriculture
REIN	REIN
RIEN	RIEN
Rien	Rien
incompréhensible	incompréhensible
on a pas utiliser les médicaments a cause de manque de la pluie	on a pas utiliser les médicaments a cause de manque de la pluie
rentable	rentable
rentable ,efficace	rentable ,efficace
rien	rien

**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

**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
Apefel	Apefel
Association alkhair de l'eau et boissons	Association alkhair de l'eau et boissons
Association des exportateurs	Association des exportateurs
Association des multiplicateurs des semences(AMMS)	Association des multiplicateurs des semences(AMMS)
Association des producteurs de légumes a Mohammedia	Association des producteurs de légumes a Mohammedia
Association el akhawain	Association el akhawain
COOPERATIVE AGRICOLE MAROCAINE CHAOUIA	COOPERATIVE AGRICOLE MAROCAINE CHAOUIA
COOPERATIVE EL BERNOUSSIA	COOPERATIVE EL BERNOUSSIA
COOPERATIVE EL HASSNIA	COOPERATIVE EL HASSNIA
COOPERATIVE MOLAY BOUCHETA	COOPERATIVE MOLAY BOUCHETA
COOPERATIVE SIDI ADDI	COOPERATIVE SIDI ADDI
COOPERATIVE SIDI ALI	COOPERATIVE SIDI ALI
Coop!rative oum rabiaa la solidarit! et de d!veloppement	Coop!rative oum rabiaa la solidarit! et de d!veloppement
Cooperative COPAG	Cooperative COPAG
Cooperative scientifique	Cooperative scientifique
LAIT COOPERATIVE CENTRAL	LAIT COOPERATIVE CENTRAL
MULTI AGRI	MULTI AGRI
Membr de l'association les amis de sisdi ali	Membr de l'association les amis de sisdi ali
OUM RBII	OUM RBII
Rien	Rien
Sonacos	Sonacos
Sonacos ,COOPERATIVE AGRICOLE MAROCAINE CHAOUIA (S.C.A.M)	Sonacos ,COOPERATIVE AGRICOLE MAROCAINE CHAOUIA (S.C.A.M)
WIFAK	WIFAK
association achchato lilfilaha	association achchato lilfilaha
association lait sidi ali	association lait sidi ali
coop!rative Alfajr (lait )	coop!rative Alfajr (lait )
coop!rative OCP	coop!rative OCP

coop!rative agriculture Bochabel	coop!rative agriculture Bochabel
coop!rative de lait (central)	coop!rative de lait (central)
cooperative agricol AL HASSANIA	cooperative agricol AL HASSANIA
cooperative el hassania	cooperative el hassania
cooperative el missawia pour lait	cooperative el missawia pour lait
cooperative oum arrabii	cooperative oum arrabii
refus!	refus!
taaouniyat alhalib	taaouniyat alhalib

### 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
Association bni Ittair	Association bni Ittair
Association de la réforme agraire	Association de la réforme agraire
COOPERATIVE OUM RABIE	COOPERATIVE OUM RABIE
Membre de l'association nour diafa	Membre de l'association nour diafa
association sakey el oudaya ( adwa)	association sakey el oudaya ( adwa)
cooperative el hachimia	cooperative el hachimia
oudaia Association	oudaia Association

### Q35A\_3: Q35.A. What group/association/cooperative are a member of? 3RD

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

Value	Category
Cooperative sidi addi	Cooperative sidi addi

Coopérative de développement El imerania

Coopérative de développement El imerania

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

Valid: 0 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	flat
2	gentle slope
3	steep slope
4	hilly
5	valley

**Q230\_1: Bought seeds****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	not mentioned
2	mentioned

**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

### Q327: Q327. Please indicate the number of harvests/pickings per year for tomatoes/peppers?

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 2 - 4 Format: Numeric

### Q302: Q302. What is the percentage of decay for potato?

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

### Q303: Q303. What is the percentage of shrink loss for potato?

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

### Q4001: Q4001. % of crop lost in-between harvest and storage or selling ?

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

### Q152: Q152. Are grown in an active greenhouse or a passive greenhouse?

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	passive greenhouse

## Q147: Q147. When have the young plants been planted ?

Data file: Global\_farm\_data

### Overview

Valid: 0    Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
2013-10-11	2013-10-11
2013-11-01	2013-11-01
2013-11-02	2013-11-02
2013-11-07	2013-11-07
2013-11-15	2013-11-15
2014-01-02	2014-01-02
2014-01-15	2014-01-15
2014-01-22	2014-01-22
2014-01-30	2014-01-30
2014-02-01	2014-02-01
2014-02-02	2014-02-02
2014-02-03	2014-02-03
2014-02-04	2014-02-04
2014-02-08	2014-02-08
2014-02-10	2014-02-10
2014-02-20	2014-02-20
2014-03-03	2014-03-03
2014-03-04	2014-03-04
2014-03-10	2014-03-10
2014-03-12	2014-03-12
2014-03-14	2014-03-14

2014-03-15	2014-03-15
2014-03-16	2014-03-16
2014-03-20	2014-03-20
2014-03-24	2014-03-24
2014-03-28	2014-03-28
2014-04-20	2014-04-20
2014-06-05	2014-06-05
2014-06-10	2014-06-10
2014-06-15	2014-06-15
2014-06-18	2014-06-18
2014-06-20	2014-06-20
2014-06-21	2014-06-21
2014-06-29	2014-06-29
2014-07-01	2014-07-01
2014-07-05	2014-07-05
2014-07-10	2014-07-10
2014-07-14	2014-07-14
2014-07-25	2014-07-25
2014-08-01	2014-08-01
2014-08-03	2014-08-03
2014-08-10	2014-08-10
2014-08-15	2014-08-15
2014-08-20	2014-08-20
2014-08-25	2014-08-25

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

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 30 - 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: 25 - 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: 20 - 40 Format: Numeric

**Q247\_1B: Q247. BUYER 1 price per metric ton****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 3500 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: 2000 - 3000 Format: Numeric

**Q247\_3B: Q247. BUYER 3 price per metric ton****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 2000 - 2500 Format: Numeric

**Q301: Q301. What is the starch content per potato? (%)****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 10 - 60 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
MoroccoMaize1	MoroccoMaize1
MoroccoPotato1	MoroccoPotato1
MoroccoTomato1	MoroccoTomato1
MoroccoWheat1	MoroccoWheat1

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

## Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
Morocco	Morocco

## 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
28112100	28112100
28112700	28112700
28112900	28112900
2811300	2811300
28115100	28115100
28117100	28117100

28117200	28117200
28117300	28117300
28117400	28117400
28122100	28122100
28122300	28122300
28122400	28122400
28123000	28123000
28123100	28123100
28123200	28123200
28123300	28123300
28123400	28123400
28132500	28132500
28132600	28132600
28132700	28132700
28132800	28132800
28132900	28132900
28133000	28133000
28133100	28133100
28133200	28133200
28133300	28133300
2815200	2815200
2815300	2815300
2817200	2817200
2818400	2818400
2818800	2818800
2818900	2818900
2819000	2819000
2819100	2819100
2819200	2819200
2819500	2819500
2820100	2820100
2820200	2820200
2820300	2820300
2820400	2820400
2820500	2820500
2820600	2820600
2820700	2820700
2820800	2820800
2820900	2820900

2821000	2821000
28210200	28210200
28210400	28210400
28210800	28210800
28210900	28210900
2821100	2821100
28211100	28211100
28211200	28211200
28211500	28211500
28211600	28211600
28211700	28211700
28211800	28211800
28211900	28211900
2821200	2821200
28212000	28212000
28212100	28212100
28212200	28212200
28212300	28212300
28212400	28212400
28212500	28212500
28212600	28212600
28212800	28212800
2821400	2821400
2821500	2821500
2821600	2821600
2821700	2821700
28217500	28217500
28217600	28217600
28217700	28217700
28217800	28217800
2821800	2821800
2822000	2822000
28220000	28220000
28220100	28220100
28220200	28220200
28220300	28220300
28220400	28220400
28220500	28220500
28220600	28220600

28220700	28220700
28220800	28220800
28220900	28220900
2822100	2822100
28221000	28221000
28221100	28221100
28221200	28221200
28221300	28221300
28221400	28221400
28221500	28221500
28221600	28221600
28221700	28221700
28221800	28221800
28221900	28221900
2822200	2822200
28222000	28222000
28222200	28222200
28222500	28222500
2822300	2822300
2822600	2822600
2822700	2822700
28227600	28227600
2822800	2822800
2822900	2822900
2823000	2823000
28230000	28230000
28230100	28230100
28230200	28230200
28230300	28230300
28230400	28230400
28230500	28230500
28230600	28230600
28230700	28230700
28230800	28230800
28230900	28230900
2823100	2823100
28231000	28231000
28231100	28231100
28231200	28231200

28231300	28231300
28231400	28231400
28231500	28231500
28231600	28231600
28231700	28231700
28231800	28231800
28231900	28231900
2823200	2823200
28232000	28232000
28232100	28232100
28232200	28232200
28232300	28232300
28232400	28232400
28232500	28232500
2823300	2823300
2823400	2823400
2823500	2823500
2823600	2823600
2823700	2823700
2823800	2823800
2823900	2823900
2824000	2824000
2824100	2824100
2824200	2824200
2824300	2824300
2824600	2824600
2824700	2824700
2824800	2824800
2824900	2824900
2825100	2825100
2825400	2825400
2825500	2825500
2825600	2825600
2825700	2825700
2825800	2825800
2825900	2825900
2826000	2826000
2826100	2826100
2826200	2826200

2826300	2826300
2826400	2826400
2826500	2826500
2826600	2826600
2826700	2826700
2826800	2826800
2826900	2826900
2827000	2827000
2827100	2827100
2827300	2827300
2827400	2827400
2827500	2827500
2827600	2827600
2827700	2827700
2827800	2827800
2827900	2827900
2828000	2828000
2828100	2828100
2828200	2828200
2828300	2828300
2828400	2828400
2828500	2828500
2828600	2828600
2828700	2828700
2829300	2829300
2829400	2829400

## PRODUCT: Unique code of a product within application

Data file: Crop\_protection

### Overview

Valid: 0 Invalid: 0

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

### Questions and instructions

#### CATEGORIES

Value	Category
1	1

10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
2	2
20	20
21	21
22	22
23	23
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
Corn	Corn
Potato	Potato
Tomato	Tomato
Wheat	Wheat

**APPLICATION: Unique code of an application per field per grower****Data file: Crop\_protection****Overview**

Valid: 0    Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	1
10	10
11	11
12	12
13	13
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

**Q241A: Q241 a. Timing of product application****Data file: Crop\_protection****Overview**

Valid: 0    Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
2013-10-01	2013-10-01
2013-10-04	2013-10-04
2014-01-01	2014-01-01
2014-01-02	2014-01-02
2014-01-03	2014-01-03

2014-01-04	2014-01-04
2014-01-15	2014-01-15
2014-01-20	2014-01-20
2014-01-22	2014-01-22
2014-01-26	2014-01-26
2014-01-27	2014-01-27
2014-02-01	2014-02-01
2014-02-02	2014-02-02
2014-02-03	2014-02-03
2014-02-04	2014-02-04
2014-02-06	2014-02-06
2014-02-07	2014-02-07
2014-02-10	2014-02-10
2014-02-12	2014-02-12
2014-02-15	2014-02-15
2014-02-17	2014-02-17
2014-02-20	2014-02-20
2014-02-21	2014-02-21
2014-02-27	2014-02-27
2014-02-28	2014-02-28
2014-03-01	2014-03-01
2014-03-02	2014-03-02
2014-03-03	2014-03-03
2014-03-04	2014-03-04
2014-03-05	2014-03-05
2014-03-06	2014-03-06
2014-03-07	2014-03-07
2014-03-09	2014-03-09
2014-03-10	2014-03-10
2014-03-12	2014-03-12
2014-03-15	2014-03-15
2014-03-17	2014-03-17
2014-03-19	2014-03-19
2014-03-20	2014-03-20
2014-03-21	2014-03-21
2014-03-22	2014-03-22
2014-03-23	2014-03-23
2014-03-25	2014-03-25
2014-03-27	2014-03-27

2014-03-30	2014-03-30
2014-04-01	2014-04-01
2014-04-05	2014-04-05
2014-04-07	2014-04-07
2014-04-08	2014-04-08
2014-04-09	2014-04-09
2014-04-10	2014-04-10
2014-04-11	2014-04-11
2014-04-12	2014-04-12
2014-04-14	2014-04-14
2014-04-15	2014-04-15
2014-04-17	2014-04-17
2014-04-18	2014-04-18
2014-04-20	2014-04-20
2014-04-21	2014-04-21
2014-04-22	2014-04-22
2014-04-23	2014-04-23
2014-04-24	2014-04-24
2014-04-28	2014-04-28
2014-04-29	2014-04-29
2014-04-30	2014-04-30
2014-05-01	2014-05-01
2014-05-02	2014-05-02
2014-05-03	2014-05-03
2014-05-05	2014-05-05
2014-05-07	2014-05-07
2014-05-10	2014-05-10
2014-05-15	2014-05-15
2014-05-19	2014-05-19
2014-05-20	2014-05-20
2014-05-22	2014-05-22
2014-05-26	2014-05-26
2014-05-30	2014-05-30
2014-06-01	2014-06-01
2014-06-02	2014-06-02
2014-06-03	2014-06-03
2014-06-04	2014-06-04
2014-06-06	2014-06-06
2014-06-15	2014-06-15

2014-06-18	2014-06-18
2014-06-20	2014-06-20
2014-06-23	2014-06-23
2014-06-26	2014-06-26
2014-06-27	2014-06-27
2014-06-30	2014-06-30
2014-07-01	2014-07-01
2014-07-02	2014-07-02
2014-07-07	2014-07-07
2014-07-10	2014-07-10
2014-07-12	2014-07-12
2014-07-14	2014-07-14
2014-07-15	2014-07-15
2014-07-19	2014-07-19
2014-07-20	2014-07-20
2014-07-25	2014-07-25
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
2014-08-08	2014-08-08
2014-08-10	2014-08-10
2014-08-12	2014-08-12
2014-08-13	2014-08-13
2014-08-18	2014-08-18
2014-08-23	2014-08-23
2014-08-25	2014-08-25
2014-08-30	2014-08-30
2014-09-01	2014-09-01
2014-09-02	2014-09-02
2014-09-07	2014-09-07
2014-09-12	2014-09-12
2014-09-15	2014-09-15
2014-09-20	2014-09-20
2014-09-24	2014-09-24
2014-09-27	2014-09-27
2014-09-29	2014-09-29
2014-10-01	2014-10-01

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

2015-04-04	2015-04-04
2015-04-05	2015-04-05
2015-04-07	2015-04-07
2015-04-10	2015-04-10
2015-04-15	2015-04-15
2015-04-30	2015-04-30
2015-05-01	2015-05-01
2015-05-02	2015-05-02
2015-05-03	2015-05-03
2015-05-10	2015-05-10
2015-05-15	2015-05-15
2015-05-20	2015-05-20
2015-05-25	2015-05-25
2015-05-28	2015-05-28
2015-06-01	2015-06-01
2015-06-02	2015-06-02
2015-06-03	2015-06-03
2015-06-15	2015-06-15
2015-06-16	2015-06-16
2015-06-20	2015-06-20
2015-06-25	2015-06-25
2015-07-01	2015-07-01
2015-07-02	2015-07-02
2015-07-03	2015-07-03
2015-07-15	2015-07-15
2015-07-16	2015-07-16
2015-11-01	2015-11-01
2015-11-15	2015-11-15
2015-11-20	2015-11-20
2015-11-25	2015-11-25
2015-12-01	2015-12-01
2015-12-20	2015-12-20
2015-12-30	2015-12-30
2016-01-01	2016-01-01
2016-01-15	2016-01-15
2016-01-16	2016-01-16
2016-01-20	2016-01-20
2016-01-25	2016-01-25
2016-01-30	2016-01-30

2016-02-01	2016-02-01
2016-02-02	2016-02-02
2016-02-03	2016-02-03
2016-02-04	2016-02-04
2016-02-05	2016-02-05
2016-02-06	2016-02-06
2016-02-10	2016-02-10
2016-02-15	2016-02-15
2016-02-16	2016-02-16
2016-02-17	2016-02-17
2016-02-20	2016-02-20
2016-02-25	2016-02-25
2016-02-27	2016-02-27
2016-02-28	2016-02-28
2016-02-29	2016-02-29
2016-03-01	2016-03-01
2016-03-03	2016-03-03
2016-03-05	2016-03-05
2016-03-06	2016-03-06
2016-03-10	2016-03-10
2016-03-15	2016-03-15
2016-03-16	2016-03-16
2016-03-20	2016-03-20
2016-03-28	2016-03-28
2016-03-30	2016-03-30
2016-04-01	2016-04-01
2016-04-04	2016-04-04
2016-04-05	2016-04-05
2016-04-10	2016-04-10
2016-04-15	2016-04-15
2016-04-20	2016-04-20
2016-04-25	2016-04-25
2016-04-30	2016-04-30
2016-05-01	2016-05-01
2016-05-30	2016-05-30
2016-12-01	2016-12-01
2016-12-10	2016-12-10
2016-12-15	2016-12-15
2016-12-19	2016-12-19

2016-12-20	2016-12-20
2017-01-01	2017-01-01
2017-01-02	2017-01-02
2017-01-05	2017-01-05
2017-01-07	2017-01-07
2017-01-08	2017-01-08
2017-01-10	2017-01-10
2017-01-15	2017-01-15
2017-01-20	2017-01-20
2017-02-01	2017-02-01
2017-02-04	2017-02-04
2017-02-07	2017-02-07
2017-02-08	2017-02-08
2017-02-10	2017-02-10
2017-02-12	2017-02-12
2017-02-15	2017-02-15
2017-02-16	2017-02-16
2017-02-20	2017-02-20
2017-02-22	2017-02-22
2017-02-25	2017-02-25
2017-02-26	2017-02-26
2017-02-27	2017-02-27
2017-02-28	2017-02-28
2017-03-01	2017-03-01
2017-03-02	2017-03-02
2017-03-03	2017-03-03
2017-03-05	2017-03-05
2017-03-10	2017-03-10
2017-03-15	2017-03-15
2017-03-16	2017-03-16
2017-03-17	2017-03-17
2017-03-20	2017-03-20
2017-03-21	2017-03-21
2017-03-24	2017-03-24
2017-03-25	2017-03-25
2017-03-28	2017-03-28
2017-03-30	2017-03-30
2017-04-01	2017-04-01
2017-04-04	2017-04-04

2017-04-08	2017-04-08
2017-04-10	2017-04-10
2017-04-15	2017-04-15
2017-04-20	2017-04-20
2017-04-25	2017-04-25
2017-04-30	2017-04-30
2017-05-01	2017-05-01
2017-05-15	2017-05-15
2017-05-25	2017-05-25
2017-12-20	2017-12-20
2018-01-01	2018-01-01
2018-01-15	2018-01-15
2018-02-01	2018-02-01
2018-02-10	2018-02-10
2018-02-15	2018-02-15
2018-02-20	2018-02-20
2018-02-25	2018-02-25
2018-02-26	2018-02-26
2018-02-28	2018-02-28
2018-03-01	2018-03-01
2018-03-05	2018-03-05
2018-03-08	2018-03-08
2018-03-10	2018-03-10
2018-03-13	2018-03-13
2018-03-15	2018-03-15
2018-03-20	2018-03-20
2018-03-25	2018-03-25
2018-03-28	2018-03-28
2018-03-30	2018-03-30
2018-04-01	2018-04-01
2018-04-08	2018-04-08
2018-04-10	2018-04-10
2018-04-13	2018-04-13
2018-04-15	2018-04-15
2018-04-18	2018-04-18
2018-04-20	2018-04-20
2018-04-25	2018-04-25
2018-04-29	2018-04-29
2018-04-30	2018-04-30

2018-05-01	2018-05-01
2018-05-05	2018-05-05
2018-05-10	2018-05-10
2018-05-15	2018-05-15
2018-05-20	2018-05-20
2018-05-25	2018-05-25
2018-05-28	2018-05-28
2018-05-30	2018-05-30
2018-06-03	2018-06-03
2018-06-10	2018-06-10
2018-10-01	2018-10-01
2019-01-15	2019-01-15
2019-01-20	2019-01-20
2019-01-21	2019-01-21
2019-02-01	2019-02-01
2019-02-05	2019-02-05
2019-02-10	2019-02-10
2019-02-13	2019-02-13
2019-02-15	2019-02-15
2019-02-16	2019-02-16
2019-02-20	2019-02-20
2019-02-22	2019-02-22
2019-02-24	2019-02-24
2019-02-25	2019-02-25
2019-02-28	2019-02-28
2019-03-01	2019-03-01
2019-03-02	2019-03-02
2019-03-10	2019-03-10
2019-03-11	2019-03-11
2019-03-15	2019-03-15
2019-03-20	2019-03-20
2019-03-21	2019-03-21
2019-03-25	2019-03-25
2019-03-30	2019-03-30
2019-04-01	2019-04-01
2019-04-04	2019-04-04
2019-04-10	2019-04-10
2019-04-15	2019-04-15
2019-04-20	2019-04-20

2019-04-21	2019-04-21
2019-04-25	2019-04-25
2019-04-30	2019-04-30
2019-05-01	2019-05-01
2019-05-10	2019-05-10
2019-05-15	2019-05-15
2019-05-20	2019-05-20
2019-05-25	2019-05-25
2019-05-30	2019-05-30
2019-06-01	2019-06-01
2019-06-10	2019-06-10
2019-06-15	2019-06-15

## 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	Nematicides, molluscicides
6	Miticides, acaricides

## 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
1.3-DICHLOROPROPENE/DCPE-95	1.3-DICHLOROPROPENE/DCPE-95
2,4 D	2,4 D
2,4-D	2,4-D
2,4-D BUTYL ESTER	2,4-D BUTYL ESTER
2,4-D DIMETHALYMIN	2,4-D DIMETHALYMIN
2,4-D-BUTYLGLYCOL-ESTER(BUTOXYETHANOL)	2,4-D-BUTYLGLYCOL-ESTER(BUTOXYETHANOL)
2,4-D-DIMETHYLAMINE-SALT (AMINE-SALT)	2,4-D-DIMETHYLAMINE-SALT (AMINE-SALT)
ABAMECTIN (AVERMECTIN B)	ABAMECTIN (AVERMECTIN B)
ALPHA-CYPERMETHRIN	ALPHA-CYPERMETHRIN
AMIDOSZULFURON	AMIDOSZULFURON
AZOXYSTROBIN	AZOXYSTROBIN
BACILLUS THURINGIENSIS	BACILLUS THURINGIENSIS
BENZOATE	BENZOATE
BETACYPERMETHRIN	BETACYPERMETHRIN
CADUSAFOS	CADUSAFOS
CHLOREPYROPHOS	CHLOREPYROPHOS
CHLOROPICRIN	CHLOROPICRIN
CHLOROTHALONIL	CHLOROTHALONIL
CHLORPROFAME	CHLORPROFAME
CHLORPYRIFOS ETHYL	CHLORPYRIFOS ETHYL
CLODINAFOP-PROPARGYL	CLODINAFOP-PROPARGYL
CLODINAFOP*	CLODINAFOP*
CU-CHLORIDE	CU-CHLORIDE
CU-OXYCHLORIDE	CU-OXYCHLORIDE
CYMOXANYLE	CYMOXANYLE
CYPROCONAZOLE	CYPROCONAZOLE
DELTAMETHRIN	DELTAMETHRIN
DICAMBA	DICAMBA
DICHLORVOS	DICHLORVOS
DICOFOL	DICOFOL
DIFENOCONAZOLE	DIFENOCONAZOLE
DIMETHOMORPH	DIMETHOMORPH
Do not know	Do not know
EMAMECTIN BENZOATE	EMAMECTIN BENZOATE
EPOXYCONAZOLE	EPOXYCONAZOLE

ETHOPROPHOS (ETHOPROP)	ETHOPROPHOS (ETHOPROP)
FENAMIPHOS	FENAMIPHOS
FENOXAPROP-P-ETHYL	FENOXAPROP-P-ETHYL
FLUOPICOLIDE*	FLUOPICOLIDE*
FLUTRIAFOL	FLUTRIAFOL
FORAMSULFURON	FORAMSULFURON
HALOXYFOP-R-METHYL ESTER	HALOXYFOP-R-METHYL ESTER
HEXAICONAZOLE	HEXAICONAZOLE
IMIDACLOPRID	IMIDACLOPRID
INDOXACARB	INDOXACARB
LAMBDA CYHALOTHRIN	LAMBDA CYHALOTHRIN
LINURON	LINURON
LUFENURON	LUFENURON
MALATHION (MALDISON)(MERCAPTOTHION)	MALATHION (MALDISON)(MERCAPTOTHION)
MANCOZEB (VONDOZEB)	MANCOZEB (VONDOZEB)
MANDIPROPAMID	MANDIPROPAMID
MANEB	MANEB
METALDEHYDE	METALDEHYDE
METHOMYL	METHOMYL
METRIBUZIN	METRIBUZIN
OXAMYL	OXAMYL
PARAQUAT	PARAQUAT
PHORAMSULPHURONE	PHORAMSULPHURONE
PROFOXYDYM	PROFOXYDYM
PROPACHIZAPHOPE	PROPACHIZAPHOPE
PROPICONAZOLE	PROPICONAZOLE
PROPINEB	PROPINEB
PROSULFOCARB	PROSULFOCARB
PYMETROZINE	PYMETROZINE
QUARTZ	QUARTZ
SPIROMESIFEN	SPIROMESIFEN
SULPHUR	SULPHUR
TEBUCONAZOLE	TEBUCONAZOLE
TEBUFENPYRAD-(FENYPRAD)	TEBUFENPYRAD-(FENYPRAD)
THIAMETHOXAM	THIAMETHOXAM
THIOPHANATE-METYL	THIOPHANATE-METYL
TIAKLOPRID	TIAKLOPRID

**C241CP1: CODED VARIABLE - amount of ai1****Data file:** Crop\_protection**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 2 - 1110 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
2,4 D	2,4 D
CHLOROTHALONIL	CHLOROTHALONIL
CLODINAFOB-PROPARGYL	CLODINAFOB-PROPARGYL
CLOQUINTOCET	CLOQUINTOCET
CLOQUINTOCET-MEXYL	CLOQUINTOCET-MEXYL
CYMOXANYLE	CYMOXANYLE
CYPROCONAZOLE	CYPROCONAZOLE
DICAMBA	DICAMBA
DICHLOROPROPENE	DICHLOROPROPENE

ENDOSULFAN	ENDOSULFAN
HEXACONAZOLE	HEXACONAZOLE
IODOSULFURON-M	IODOSULFURON-M
MANCOZEB (VONDOZEB)	MANCOZEB (VONDOZEB)
MANDIPROPAMID	MANDIPROPAMID
MCPA	MCPA
METALAXIL-M	METALAXIL-M
METIRAM	METIRAM
PINOXADEN	PINOXADEN
PROPAMOCARB	PROPAMOCARB
PROPICONAZOLE	PROPICONAZOLE
PROPOXICARBAZONE	PROPOXICARBAZONE
PYRACLOSTROBINE	PYRACLOSTROBINE
QUARTZ	QUARTZ
SPYROXAMINE	SPYROXAMINE
TRIADIMENOL	TRIADIMENOL
TRIASULFURON	TRIASULFURON

## C241CP2: CODED VARIABLE - amount of ai2

Data file: Crop\_protection

### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 625 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
CLOQUINTOCET-MEXYL	CLOQUINTOCET-MEXYL
FLORASULAM	FLORASULAM
ISOXADIFEN-E	ISOXADIFEN-E
IZOXADIPHENETHYL	IZOXADIPHENETHYL

MCP-P	MCP-P
MEFENPIR-DIETIL	MEFENPIR-DIETIL
MEFENPYR	MEFENPYR
PINOXADEN	PINOXADEN
SPYROXAMINE	SPYROXAMINE
TRIADIMENOL	TRIADIMENOL

### C241CP3: CODED VARIABLE - amount of ai3

Data file: Crop\_protection

#### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 6.25 - 250 Format: Numeric

### C241CA4: CODED VARIABLE - active ingredient4

Data file: Crop\_protection

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

#### CATEGORIES

Value	Category
PINOXADEN	PINOXADEN

### C241CP4: CODED VARIABLE - amount of ai4

Data file: Crop\_protection

#### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 30 - 30 Format: Numeric

### C241CPT: CODED VARIABLE - total amount of ai

Data file: Crop\_protection

#### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 2 - 925 Format: Numeric

**Q241D: CODED VARIABLE Q241 d. Dosage ?****Data file:** Crop\_protection**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 10 - 30000 Format: Numeric

**Q241E: CODED VARIABLE Q241 e. Unit of quantity****Data file:** Crop\_protection**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	MILLILITER/HECT
2	GRAM/HECT

**Q241F: Q241 f. Amount of H2O solved in LITERS per****Data file:** Crop\_protection**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 2500 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
!limine fongicide	!limine fongicide

99	99
acariens	acariens
adventice	adventice
adventice cibl!	adventice cibl!
adventice cible	adventice cible
adventice cinl!	adventice cinl!
adventices	adventices
adventices pérennes;dicotylédones annuelles	adventices pérennes;dicotylédones annuelles
adventive cible	adventive cible
advrntice cible	advrntice cible
alassal	alassal
anti-fongique	anti-fongique
bacterieuse	bacterieuse
bacterieuse ; nimatoud	bacterieuse ; nimatoud
champignon	champignon
cochenilles	cochenilles
contre les champignons	contre les champignons
contre les champignons nuisibles et les petits insectes	contre les champignons nuisibles et les petits insectes
contre les fongicide et insectes nuisibles	contre les fongicide et insectes nuisibles
contre les insectes et fongicide nuisibles	contre les insectes et fongicide nuisibles
contre les insectes nuisibles	contre les insectes nuisibles
croissance de pomme de terre	croissance de pomme de terre
cycle de tondre la pelouse	cycle de tondre la pelouse
dicoty!done annuelles	dicoty!done annuelles
dicotylidone	dicotylidone
dicotylédone annuelles	dicotylédone annuelles
dicotylédones	dicotylédones
dicotylédones annuelles	dicotylédones annuelles
dicotylédones annuelles;graminées anuelles	dicotylédones annuelles;graminées anuelles
don't know	don't know
don't know ; no answer	don't know ; no answer
folle avoune;ray grass;phalaris	folle avoune;ray grass;phalaris
fongicide	fongicide
fungal	fungal
fungi	fungi
fungicide	fungicide
gr; forma du pomme de terre	gr; forma du pomme de terre
gramin!!s et dicoty!ldones	gramin!!s et dicoty!ldones
gramin!ees et docoty!ldones	gramin!ees et docoty!ldones

gramin!es et d!cotyl!dones	gramin!es et d!cotyl!dones
gramin!es et dicoltyl!dones	gramin!es et dicoltyl!dones
gramin!es et dicotyl!done	gramin!es et dicotyl!done
gramin!es et dicotyl!dones	gramin!es et dicotyl!dones
graminées annuelles	graminées annuelles
graminées et dicotylédones	graminées et dicotylédones
gzamin!es et dicotyl!dons	gzamin!es et dicotyl!dons
hebicide	hebicide
herbes	herbes
herbes nuisibles	herbes nuisibles
herbicide	herbicide
insect de terre hinch	insect de terre hinch
insecte	insecte
insecte du sol	insecte du sol
insectes	insectes
insectes du sol	insectes du sol
insecticide	insecticide
insecticides	insecticides
la rouille jaune	la rouille jaune
la sizamine	la sizamine
le papier est en noir	le papier est en noir
le papier s!che	le papier s!che
les champignon	les champignon
les insectes	les insectes
les maladie	les maladie
les maladiers	les maladiers
les maladies	les maladies
les maladies sans precision	les maladies sans precision
les maladies sans précision	les maladies sans précision
les maladies sans précision ; rial	les maladies sans précision ; rial
les maladies sans précision ;rial	les maladies sans précision ;rial
les papiers reste pas bien	les papiers reste pas bien
les vers	les vers
les vers ; les maladie sans precision	les vers ; les maladie sans precision
les vers ;les maladies sans précision	les vers ;les maladies sans précision
lutte champignon et de la densit! des mauvaises herbes	lutte champignon et de la densit! des mauvaises herbes
maladi	maladi
maladie	maladie
maladie ; adventice cibl!	maladie ; adventice cibl!

maladie comme mauvaise herbe	maladie comme mauvaise herbe
maladie contre les insectes nuisibles	maladie contre les insectes nuisibles
maladie fongicide	maladie fongicide
maladie fungicide	maladie fungicide
maladie herb	maladie herb
maladie insecticide	maladie insecticide
maladier	maladier
maladies	maladies
maladies : rouille brune et septoriose	maladies : rouille brune et septoriose
maladies fongiques	maladies fongiques
mauvaires herbes	mauvaires herbes
mauvais herbes	mauvais herbes
mauvaise arbers	mauvaise arbers
mauvaise herbe	mauvaise herbe
mauvaise herbes	mauvaise herbes
mauvaises herbers	mauvaises herbers
mauvaises herbes	mauvaises herbes
mildiou	mildiou
mildiou insecticide	mildiou insecticide
mlidueme	mlidueme
mouche blanche	mouche blanche
n!maticides;molluscicides	n!maticides;molluscicides
negra	negra
negra ; mildiou	negra ; mildiou
negra ; mildiou ;alassal	negra ; mildiou ;alassal
negra ;mildiou ; assal	negra ;mildiou ; assal
nematicide	nematicide
nematodes	nematodes
nigra	nigra
nimatoud	nimatoud
nimatoud ;fisaio	nimatoud ;fisaio
noctuelles	noctuelles
noctuelles défoliatrices	noctuelles défoliatrices
nématode	nématode
nématodes	nématodes
oidium	oidium
papier convergence	papier convergence
papier et pointill!s	papier et pointill!s

pomme de terre ! gr;e format	pomme de terre ! gr;e format
pomme de terre prends une gr;e format	pomme de terre prends une gr;e format
pour gr; forma de pomme de terre	pour gr; forma de pomme de terre
pour pomme de terre ne prend pas de la m!dhiti et ongiques	pour pomme de terre ne prend pas de la m!dhiti et ongiques
pour prendre une gr;e forme	pour prendre une gr;e forme
pour prends une gr;e forme	pour prends une gr;e forme
pour r!colte de pomme de terre reste bien	pour r!colte de pomme de terre reste bien
pour un gr; forma	pour un gr; forma
printemps	printemps
r!gulateur de croissance	r!gulateur de croissance
r!gulateur de croissance ; aides ! la r!colte	r!gulateur de croissance ; aides ! la r!colte
ravageur	ravageur
ravageur ;maladie	ravageur ;maladie
regulateur de croissance et aides a la recolte	regulateur de croissance et aides a la recolte
rial	rial
right	right
rouille brune	rouille brune
rouille brune;septoriose	rouille brune;septoriose
rouille; sebterieuse	rouille; sebterieuse
régulateur	régulateur
régulateur de croissance	régulateur de croissance
septeriose	septeriose
septeriose ;ceda	septeriose ;ceda
septeriose ;la rouille jaune	septeriose ;la rouille jaune
septoriose	septoriose
septoriose; rouille	septoriose; rouille
sesamie	sesamie
ver	ver
ver douda	ver douda
ver et tout les insecte	ver et tout les insecte
verre pomme de terre	verre pomme de terre
vers	vers
vert	vert
zarguite	zarguite
zwane	zwane

**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 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	Motorized boom sprayer
2	Hand operated sprayers (e.g. knapsack),

3	Airblast sprayer
4	Other

## 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
Morocco	Morocco

**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
MoroccoMaize1	MoroccoMaize1
MoroccoPotato1	MoroccoPotato1
MoroccoTomato1	MoroccoTomato1
MoroccoWheat1	MoroccoWheat1

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

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 2811300 - 28232500 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
One gps location of each growingarea	One gps location of each growingarea

**GPS\_OPTION: gps\_option****Data file: Location****Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	Only one reference captured

**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 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	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, only one coordinate	ok, only one coordinate

**Q151: Q151. Open field or in a greenhouse?**

**Data file: Location**

**Overview**

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	Active Greenhouse
2	Open field

**Q1F: Q1. F. Would it be okay for you for this company to contact you with information on The GGP?**

**Data file: Location**

## Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
No	No
Yes	Yes

## Q25: Q25. Farm address - postal code

Data file: Location

## Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
26202	26202
29490	29490
30040	30040
35000	35000
40030	40030
51000	51000
51025	51025

## 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
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Béni Mellal-Khenifra	Béni Mellal-Khenifra
Béni Mellal-Khénifra	Béni Mellal-Khénifra
Casablanca-Settat	Casablanca-Settat
Drâa-Tafilalet	Drâa-Tafilalet
Fez-Meknès	Fez-Meknès
Fès-Meknès	Fès-Meknès
Marrakech-Safi	Marrakech-Safi
Marrakesh-Safi	Marrakesh-Safi
Rabat-Salé-Kénitra	Rabat-Salé-Kénitra
Souss Massa	Souss Massa

**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
Morocco	Morocco

**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
Corn	Corn
Potato	Potato
Tomato	Tomato
Wheat	Wheat

**CLUSTERID: Unique identifier per cluster****Data file: Activities and Machinery (Q382)****Overview**

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
MoroccoMaize1	MoroccoMaize1
MoroccoPotato1	MoroccoPotato1
MoroccoTomato1	MoroccoTomato1
MoroccoWheat1	MoroccoWheat1

## 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
28112100	28112100
28112700	28112700
28112900	28112900
2811300	2811300
28115100	28115100
28117100	28117100

28117200	28117200
28117300	28117300
28117400	28117400
28122100	28122100
28122300	28122300
28122400	28122400
28123000	28123000
28123100	28123100
28123200	28123200
28123300	28123300
28123400	28123400
28132500	28132500
28132600	28132600
28132700	28132700
28132800	28132800
28132900	28132900
28133000	28133000
28133100	28133100
28133200	28133200
28133300	28133300
2815200	2815200
2815300	2815300
2817200	2817200
2818400	2818400
2818800	2818800
2818900	2818900
2819000	2819000
2819100	2819100
2819200	2819200
2819500	2819500
2820100	2820100
2820200	2820200
2820300	2820300
2820400	2820400
2820500	2820500
2820600	2820600
2820700	2820700
2820800	2820800
2820900	2820900

2821000	2821000
28210200	28210200
28210400	28210400
28210800	28210800
28210900	28210900
2821100	2821100
28211100	28211100
28211200	28211200
28211500	28211500
28211600	28211600
28211700	28211700
28211800	28211800
28211900	28211900
2821200	2821200
28212000	28212000
28212100	28212100
28212200	28212200
28212300	28212300
28212400	28212400
28212500	28212500
28212600	28212600
28212800	28212800
2821400	2821400
2821500	2821500
2821600	2821600
2821700	2821700
28217500	28217500
28217600	28217600
28217700	28217700
28217800	28217800
2821800	2821800
2822000	2822000
28220000	28220000
28220100	28220100
28220200	28220200
28220300	28220300
28220400	28220400
28220500	28220500
28220600	28220600

28220700	28220700
28220800	28220800
28220900	28220900
2822100	2822100
28221000	28221000
28221100	28221100
28221200	28221200
28221300	28221300
28221400	28221400
28221500	28221500
28221600	28221600
28221700	28221700
28221800	28221800
28221900	28221900
2822200	2822200
28222000	28222000
28222200	28222200
28222500	28222500
2822300	2822300
2822600	2822600
2822700	2822700
28227600	28227600
2822800	2822800
2822900	2822900
2823000	2823000
28230000	28230000
28230100	28230100
28230200	28230200
28230300	28230300
28230400	28230400
28230500	28230500
28230600	28230600
28230700	28230700
28230800	28230800
28230900	28230900
2823100	2823100
28231000	28231000
28231100	28231100
28231200	28231200

28231300	28231300
28231400	28231400
28231500	28231500
28231600	28231600
28231700	28231700
28231800	28231800
28231900	28231900
2823200	2823200
28232000	28232000
28232100	28232100
28232200	28232200
28232300	28232300
28232400	28232400
28232500	28232500
2823300	2823300
2823400	2823400
2823500	2823500
2823600	2823600
2823700	2823700
2823800	2823800
2823900	2823900
2824000	2824000
2824100	2824100
2824200	2824200
2824300	2824300
2824500	2824500
2824600	2824600
2824700	2824700
2824800	2824800
2824900	2824900
2825000	2825000
2825100	2825100
2825400	2825400
2825500	2825500
2825600	2825600
2825700	2825700
2825800	2825800
2825900	2825900
2826000	2826000

2826100	2826100
2826200	2826200
2826300	2826300
2826400	2826400
2826500	2826500
2826600	2826600
2826700	2826700
2826800	2826800
2826900	2826900
2827000	2827000
2827100	2827100
2827300	2827300
2827400	2827400
2827500	2827500
2827600	2827600
2827700	2827700
2827800	2827800
2827900	2827900
2828000	2828000
2828100	2828100
2828200	2828200
2828300	2828300
2828400	2828400
2828500	2828500
2828600	2828600
2828700	2828700
2829300	2829300
2829400	2829400

## **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 - 20 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category
1	Clearing
2	Ploughing
3	Digging
4	Ridging
5	Ripping
6	Land levelling
7	Greenhouse management operations
8	Applying fertilizers
9	Mulching
10	Sowing or planting
11	Scouting for pests and diseases
12	Applying pesticides
13	Irrigating
14	Pruning
15	Weeding
16	Harvesting
17	Post handling
18	Processing
19	Transport
20	Seed Treatment

### MACHINERY: Did he use power driven equipment to complete this activity?

Data file: Activities and Machinery (Q382)

## Overview

Valid: 0    Invalid: 0

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

## Questions and instructions

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### CATEGORIES

Value	Category
1	Yes
2	No

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# 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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