

# Good Growth Plan 2014-2019

**Syngenta**

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## Identification

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SURVEY ID NUMBER  
IDN\_2014-2019\_GGP-P\_v01\_M\_v01\_A\_OCS

TITLE  
Good Growth Plan 2014-2019

COUNTRY/ECONOMY

Name	Country code
Indonesia	IDN

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

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### 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

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### GEOGRAPHIC COVERAGE

National coverage

## Producers and sponsors

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### PRIMARY INVESTIGATORS

Name
Syngenta

### PRODUCERS

Name	Role
Kynetec	Technical assistance

## Sampling

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

(a) Corn growers in East Java

- Location: East Java (Kediri and Probolinggo) and Aceh
- Innovative (early adopter); Progressive (keen to learn about agronomy and pests; willing to try new technology); Loyal (loyal to technology that can help them)
- making of technical drain (having irrigation system)
- marketing network for corn: post-harvest access to market (generally they sell 80% of their harvest)
- mid-tier (sub-optimal CP/SE use)
- influenced by fellow farmers and retailers
- may need longer credit

(b) Rice growers in West and East Java

- Location: West Java (Tasikmalaya), East Java (Kediri), Central Java (Blora, Cilacap, Kebumen), South Lampung
- The growers are progressive (keen to learn about agronomy and pests; willing to try new technology)
- Accustomed in using farming equipment and pesticide. (keen to learn about agronomy and pests; willing to try new technology)
- A long rice cultivating experience in his area (lots of experience in cultivating rice)

- willing to move forward in order to increase his productivity (same as progressive)
- have a soil that broad enough for the upcoming project
- have influence in his group (ability to influence others)
- mid-tier (sub-optimal CP/SE use)
- may need longer credit

## **data\_collection**

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### DATES OF DATA COLLECTION

<b>Start</b>	<b>End</b>
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**

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### 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

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

### CITATION REQUIREMENTS

The Good Growth Plan Progress Data - Productivity 2019

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### DISCLAIMER

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

## Metadata production

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### DDI DOCUMENT ID

DDI\_IDN\_2014-2019\_GGP-P\_v01\_M\_v01\_A\_OCS

### PRODUCERS

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

### DATE OF METADATA PRODUCTION

2023-01-26

### DDI DOCUMENT VERSION

Version 01 (January 2023): This metadata was downloaded from the FAO website (<https://microdata.fao.org/index.php/catalog>) and it is identical to FAO version (IDN\_2014-2019\_GGP-P\_v01\_EN\_M\_A\_OCS). The following two metadata fields were edited - Document ID and Survey ID.

**data\_dictionary**

<b>Data file</b>	<b>Cases</b>	<b>variables</b>
<b>fertilizers</b>	0	17
<b>seed_treatment</b>	0	24
<b>Farm_level_data</b>	0	32
<b>Global_farm_data</b>	0	278
<b>Crop_protection</b>	0	32
<b>Location</b>	0	18
<b>Activities and Machinery (Q382)</b>	0	9



**Data file: fertilizers**

Cases:	0
variables:	17

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**variables**

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

total: 17

**Data file: seed\_treatment**

Cases:	0
variables:	24

**variables**

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

total: 24

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

Cases: 0  
variables: 32

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**variables**

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

total: 32

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

Cases:	0
variables:	278

**variables**

ID	Name	Label	Question
V74	Territory	Syngenta definition of territory (sub-region)	
V75	country	Country	
V76	ClusterID	Unique cluster ID	
V77	GrowerID	Unique respondent ID	
V78	GrowingArea	To which field/plot does the information relate to?	
V79	Farmtype	Farmtype	
V80	q1c3	Q1.C3. Since you have participated before, we'd like to share with you your individual performance report	
V81	q1f	Q1. F. Would it be okay for you for Syngenta to contact you with follow-up information on The Good Growth Plan?	
V82	crop	Crop of focus	
V83	q56A2_2	Q56A2. Growing area changed from previous year- I hired another area	
V84	q56A2_4	Q56A2. Growing area changed from previous year- I left my field fallow	
V85	q56A2_6	Q56A2. Growing area changed from previous year- Do not cultivate Crop on that area anymore	
V86	q56A2_99	Q56A2. Growing area changed from previous year? Don't know / no answer	
V87	q57a	Q57A. How certain you are of the size indication for growing area A?	
V88	q4055	Q4055. TON/HEC Yield objective for area A for <CROP> at beginning of this season?	
V89	q19	Q19. Surname	
V90	q20	Q20. First name	
V91	q21	Q21. Phone number	
V92	q22	Q22. E-mail address	
V93	q27	Q27. Year of birth	
V94	q28	Q28. Gender	
V95	q31	Q31. Until what age did you go to school?	
V96	q30	Q30. Are you a full-time or part-time farmer?	
V97	q30b	Q30. B. How long have you been engaged in farming activities?	
V98	q33	Q33. Did you receive an agronomical/agricultural education?	
V99	q34	Q34. Are you a member of a producer group, association or cooperative for <CROP>?	
V100	q35c	Q35. C. Overall, how satisfied would you say you are with your life these days?	
V101	q37a	Q37.A. Do you have signs of soil erosion by water on	
V102	q37b	Q37.B. Do you have signs of soil erosion by wind on your farm?	
V103	q7001	Q7001. Have you changed your tillage practices for <TARGET CROP> in the past 20 years?	
V104	q7002	Q7002. How did you change your tillage practices for <TARGET CROP>?	
V105	q7003	Q7003. How many years ago did you change your tillage practices for <TARGET CROP>?	
V106	q7004	Q7004. Have you grown cover crop to manage soil health in the past 20 years for <CROP>?	
V107	q7005	Q7005. How many years ago did you start growing a cover crop for <TARGET CROP> ?	
V108	q7006	Q7006 Have you stopped growing a cover crop in the past 20 years for <TARGET CROP>?	
V109	q7007	Q7007. How many years ago did you stop growing a cover crop for <TARGET CROP>?	

ID	Name	Label	Question
V110	q7008	Q7008. For <Crop> was any land converted from arable land/grassland/forest in the past 20 years?	
V111	q7009	Q7009. How did the use of your land change for <TARGET CROP>?	
V112	q7009oth	Other. Specify: Q7009.	
V113	q7010	Q7010. How many years ago did the function of your land change for <TARGET CROP>?	
V114	q65	Q65. Do you practice intercropping for <TARGET CROP> ?	
V115	q66_1	Q66. Which crops do you intercrop? Apples	
V116	q66_2	Q66. Which crops do you intercrop? Banana	
V117	q66_5	Q66. Which crops do you intercrop? Cocoa	
V118	q66_7	Q66. Which crops do you intercrop? Corn	
V119	q66_8	Q66. Which crops do you intercrop? Cotton	
V120	q66_12	Q66. Which crops do you intercrop? Pepper	
V121	q66_14	Q66. Which crops do you intercrop? Rice	
V122	q66_15	Q66. Which crops do you intercrop? Soybean	
V123	q66_16	Q66. Which crops do you intercrop? Stone fruit	
V124	q66_17	Q66. Which crops do you intercrop? Sugarcane	
V125	q66_19	Q66. Which crops do you intercrop? Tomato	
V126	q66_20	Q66. Which crops do you intercrop? Watermelon	
V127	q66_24	Q66. Which crops do you intercrop? Avocado	
V128	q66_32	Q66. Which crops do you intercrop? Cassava	
V129	q66_39	Q66. Which crops do you intercrop? Coconut (palm tree)	
V130	q66_40	Q66. Which crops do you intercrop? Cover crop	
V131	q66_41	Q66. Which crops do you intercrop? Cucumber	
V132	q66_43	Q66. Which crops do you intercrop? Eggplant	
V133	q66_47	Q66. Which crops do you intercrop? Flowers	
V134	q66_61	Q66. Which crops do you intercrop? Mango	
V135	q66_64	Q66. Which crops do you intercrop? Nuts	
V136	q66_69	Q66. Which crops do you intercrop? Other peppers	
V137	q66_74	Q66. Which crops do you intercrop? Papaya	
V138	q66_77	Q66. Which crops do you intercrop? Pineapple	
V139	q66_81	Q66. Which crops do you intercrop? Pumpkin/squash	
V140	q66_91	Q66. Which crops do you intercrop? Sorghum	
V141	q66_96	Q66. Which crops do you intercrop? Other specify 1	
V142	q66_97	Q66. Which crops do you intercrop? Other specify 2	
V143	q66_98	Q66. Which crops do you intercrop? Other specify 3	
V144	q60	Q60. Do you rotate crops on growing area A for <TARGET CROP>?	
V145	q61_7	Q61. What crops are you cultivating in rotation? Corn	
V146	q61_14	Q61. What crops are you cultivating in rotation? Rice	
V147	q61_15	Q61. What crops are you cultivating in rotation? Soybean	
V148	q61_19	Q61. What crops are you cultivating in rotation? Tomato	
V149	q61_32	Q61. What crops are you cultivating in rotation? Cassava	
V150	q61_67	Q61. What crops are you cultivating in rotation? Onion	
V151	q61_96	Q61. What crops are you cultivating in rotation? Other. Specify 1	
V152	q61_97	Q61. What crops are you cultivating in rotation? Other. Specify 2	
V153	q61_98	Q61. What crops are you cultivating in rotation? Other. Specify 3	
V154	q67	Q67. What is the soil type of growing area A for <TARGET CROP>?	

ID	Name	Label	Question
V155	q67b	Q67B. Texture is your soil on growing area A for <TARGET CROP> this season?	
V156	q7011	Q7011. How moist would rate your soil on growing area A for <TARGET CROP> this season?	
V157	q7012	Q7012 Rate the drainage of water through the soil on area A for <TARGET CROP> this season?	
V158	q55e1	Q55E1. Partook in training/meeting on crop/agricultural practices in the past 2 years?	
V159	q5500	Q5500. During the training/meeting, at least 15 minutes talking about safe-use practices	
V160	q55E2_1	Q55E2. Who organized this training? Syngenta representative	
V161	q55E2_2	Q55E2. Who organized this training? Internet	
V162	q55E2_3	Q55E2. Who organized this training? Extension officer	
V163	q55E2_5	Q55E2. Who organized this training? Agronomist/advisor	
V164	q55E2_6	Q55E2. Who organized this training? Supplier	
V165	q55E2_7	Q55E2. Who organized this training? Governmental organization (e.g. Ministry)	
V166	q55E2_96	Q55E2. Who organized this training? Other specify 1:	
V167	q55E2_97	Q55E2. Who organized this training? Other specify 2:	
V168	q55E2_99	Q55E2. Who organized this training? Don't know / no answer	
V169	q5501	Q5501. Have you been contacted by a Syngenta representative during the past season?	
V170	q5502_1	Q5502. Can you describe how the Syngenta representative contacted you? Demonstration day	
V171	q5502_2	Q5502. Can you describe how the Syngenta representative contacted you? They visited my farm	
V172	q5502_3	Q5502. Can you describe how the Syngenta representative contacted you? Received a brochure	
V173	q5502_4	Q5502. Can you describe how the Syngenta representative contacted you? Phone call	
V174	q5502_96	Q5502. Can you describe how the Syngenta representative contacted you? Other specify 1:	
V175	q5502_99	Q5502. Can you describe how the Syngenta representative contacted you? Don't know / no answer	
V176	q5503	Q5503. How useful was contact with the Syngenta Representative	
V177	q4041a	Q4041.A. Do you feel the need to follow training on crop cultivation in the near future?	
V178	q54_1	Q54. Where do you deposit the rest water after spraying? Citerne (phytobac, heliosec, sentinel, biofilter)	
V179	q54_2	Q54. Where do you deposit the rest water after spraying? In fields	
V180	q54_3	Q54. Where do you deposit the rest water after spraying? In rivers, streams, drain or via the ditch	
V181	q54_96	Q54. Where do you deposit the rest water after spraying? Other specify 1:	
V182	q54_oth1	Q54. Other 1:: Q54. Where do you deposit the rest water after spraying?	
V183	q55a_1	Q55a. Where do you clean your sprayer equipment? On farm	
V184	q55b_1	Q55b. Where do you dispose the water used for cleaning your equipment? On field	
V185	q55b_3	Q55b. Where do you dispose the water used for cleaning your equipment? On an unpaved surface	
V186	q55b_4	Q55b. Where do you dispose the water used for cleaning your equipment? On a paved surface (drain / dike)	
V187	q55b_96	Q55b. Where do you dispose the water used for cleaning your equipment? Other specify 1:	
V188	q55b_97	Q55b. Where do you dispose the water used for cleaning your equipment? Other specify 2:	
V189	q55c	Q55. C. Do you store the sprayer protected from rain?	
V190	q55d	Q55. D. Do you use drift-reducing nozzles on your sprayer?	
V191	q72	Q72. When did the first field preparation start for growing area A for <TARGET CROP> ?	
V192	q73	Q73. KGs/HECT of seeds sown for growing area A for <TARGET CROP>	
V193	Q7014a	Q7014.A. Do you cultivate rice in a drought prone environment?	

ID	Name	Label	Question
V194	q74	Q74. When was the crop sown / planted for growing area A for <TARGET CROP>?	
V195	q7400	Q7400. Have you sown/planted <TARGET CROP> in the same period as last year?	
V196	q197	Q197. What is the year of planting for growing area A for <TARGET CROP>?	
V197	q183	Q183. Do you prune growing area A for <TARGET CROP>?	
V198	q4062a	Q4062. When did the pruning period of the trees start for growing area A for <TARGET CROP>?	
V199	q4062b	Q4062. When did the pruning period of the trees start for growing area A for <TARGET CROP>?	
V200	q231b	Q231B. Are your seeds coated with crop protection products?	
V201	q233	Q233. Do you use on-farm or pre-treated seed treatment to treat the seeds for growing area A for <TARGET CROP>?	
V202	q397new	Q397_NEW. If you have received a crop program and/or any recommendations for growing to implement this season.	
V203	q224a	Q224 A. Did you perform a soil test for <TARGET CROP>?	
V204	q224	Q224. Do you apply organic fertilizers for <TARGET CROP>?	
V205	q226	Q226. Do you apply chemical fertilizers for <TARGET CROP>?	
V206	q229b1	Q229B1.Total number of applications you perform with chemical fertilizers on growing area for <TARGET CROP>?	
V207	q229b2	Q229B2.Total number of applications you perform with organic fertilizers on growing area for <TARGET CROP>?	
V208	q240e_1	Q240E. We would like to better understand the pest pressure on the selected growing areas. INSECT PRESSURE	
V209	q240e_2	Q240E. We would like to better understand the pest pressure on the selected growing areas. DISEASE PRESSURE	
V210	q240e_3	Q240E. We would like to better understand the pest pressure on the selected growing areas. WEED PRESSURE	
V211	q240en	Q240.E1. Do you generally use drift-reducing nozzles on your sprayer?	
V212	q240d	Q240D. Note down the total number of treatments you perform with crop protection products	
V213	q75	Q75. What is the final stand i.e. the number of plants - per <SQUARE METER>/<TARGET CROP>?	
V214	q76	Q76. Prior to harvest, indicate the percentage of the plot area that is lodged for <TARGET CROP>?	
V215	q243a	Q243. When was the harvest period for <TARGET CROP>?	
V216	q243b	Q243. When was the harvest period for <TARGET CROP>?	
V217	q243bb	Q243b. Have you harvested <TARGET CROP> in the same period as last year?	
V218	q244	Q244. Marketable yield that has been achieved for growing area A for <TARGET CROP> in <TON> per <HECTARES>?	
V219	q274a	Q274. Yield that has been achieved for growing area A for corn in <TON> per <HECTARES>? Grain yield	
V220	q274b	Q274. Yield that has been achieved for growing area A for corn in <TON> per <HECTARES>? Silage yield	
V221	q274c	Q274. Yield that has been achieved for growing area A for corn in <TON> per <HECTARES>? Cobs yield	
V222	q4094_1	Q4094. Who measured the yield on each of the growing areas? Myself	
V223	q4094_2	Q4094. Who measured the yield on each of the growing areas? Dealer/store	
V224	q4094_3	Q4094. Who measured the yield on each of the growing areas? Manufacturer/representative	
V225	q4094_4	Q4094. Who measured the yield on each of the growing areas? Independent advisor	
V226	q4094_5	Q4094. Who measured the yield on each of the growing areas? Cooperative	
V227	q4094_96	Q4094. Who measured the yield on each of the growing areas? Other specify1	

ID	Name	Label	Question
V228	q4094_98	Q4094. Who measured the yield on each of the growing areas? Other specify3	
V229	q4094_99	Q4094. Who measured the yield on each of the growing areas? Don't know / no answer	
V230	q4094_oth3	Q4094. Other specify:: Q4094. Who measured the yield? Multiple response.	
V231	q4095a	Q4095. A. Compared to previous year, would you say your yield has ...?	
V232	q4095c	Q4095. C. According to you, why has your yield changed as opposed to previous year?	
V233	q4096a	Q4096. A. How satisfied are you with your yield this season?	
V234	q4097a	Q4097. A. How satisfied are you with the price you received on the market?	
V235	q251	Q251. % of crop damaged at the time of harvest (total lost - not marketable) for <TARGET CROP>?	
V236	q201	Q201. When did the first trees reach the flowering stage for growing area A for <TARGET CROP> ?	
V237	q212	Q212. Rain during flowering damages the flowers. % of the trees damaged for cocoa?	
V238	q213	Q213. AVG # of green pods per 25 trees before the green pods become orange for cocoa?	
V239	q204	Q204. Could you please indicate the average number of fruits per tree for <TARGET CROP>?	
V240	q360a	Q360. When was the harvest period for <TARGET CROP>?	
V241	q360b	Q360. When was the harvest period for <TARGET CROP>?	
V242	q366	Q366. What is the yield that has been achieved for cocoa in <TON> per <HECTARES>?	
V243	q369	Q369. Weight of dried cocoa yield at the end of the post-harvest process (humidity 8%) for cocoa in <TON>/<HECT>?	
V244	q3630	Q3630. What is the percentage fruit losses/damaged for <TARGET CROP>?.	
V245	q319a	Q319. When was the harvest period for sugarcane?	
V246	q319b	Q319. When was the harvest period for sugarcane?	
V247	q339a	Q339. When was the harvest period for banana?	
V248	q339b	Q339. When was the harvest period for banana?	
V249	q246_1	Q246. % of the harvest of your target crop is used for own consumption	
V250	q246_2	Q246. % of the harvest of your target crop is used for feeding livestock	
V251	q246_3	Q246. % of the harvest of your target crop is used for harvest sold	
V252	q4002	Q4002. Did you take measures to prevent post-harvest loss for <TARGET CROP>?	
V253	q7013	Q7013. How do you deal with crop residue of <TARGET CROP>?	
V254	q377	Q377. What is the estimated revenue in <DOLLAR>/<HECTARES> for growing area A of <TARGET CROP>?	
V255	q378	Q378. Could you please indicate the estimated revenue in general? <DOLLAR>/<HECTARES>.	
V256	q379	Q379. A Can you please explain your answer for <TARGET CROP>?	
V257	q380	Q380. What is your total input cost for <TARGET CROP> from first field preparation until harvest?	
V258	q4111_1	Q4111. Actual costs SEEDS for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V259	q4111_2	Q4111. Actual costs FERTILIZERZ for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V260	q4111_3	Q4111. Actual costs LABOR for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V261	q4111_4	Q4111. Actual costs MACHINERY <TARGET CROP>?<DOLLAR>/<HECTARES>	
V262	q4111_5	Q4111. Actual costs WATER USE for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V263	q4111_6	Q4111. Actual costs FUEL for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V264	q4111_7	Q4111. Actual costs RENT/LOAN for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V265	q4111_8	Q4111. Actual costs FUNGICIDES for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V266	q4111_9	Q4111. Actual costs HERBICIDES for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V267	q4111_10	Q4111. Actual costs INSECTICIDES <TARGET CROP>?<DOLLAR>/<HECTARES>	
V268	q4111_98	Q4111. Actual costs DRYING for <TARGET CROP>?<DOLLAR>/<HECTARES>	

ID	Name	Label	Question
V269	q381_1	Q381. Percentage of TREES/SEED costs out of the total input cost for <TARGET CROP>?	
V270	q381_2	Q381. Percentage of FERTILIZERS costs out of the total input cost for <TARGET CROP>?	
V271	q381_3	Q381. Percentage of PESTICIDES costs out of the total input cost for <TARGET CROP>?	
V272	q381_4	Q381. Percentage of LABOR costs out of the total input cost for <TARGET CROP>?	
V273	q381_5	Q381. Percentage of MACHINERY costs of the total input cost for <TARGET CROP>?	
V274	q381_6	Q381. Percentage of WATER USE costs out of the total input cost for <TARGET CROP>?	
V275	q381_7	Q381. Percentage of FUEL costs out of the total input cost for <TARGET CROP>?	
V276	q381_8	Q381. Percentage of ELECTRICITY costs out of the total input cost for <TARGET CROP>?	
V277	q381_9	Q381. Percentage of GAS costs out of the total input cost for <TARGET CROP>?	
V278	q381_10	Q381. Percentage of RENT/LOAN costs out of the total input cost for <TARGET CROP>?	
V279	q381_98	Q381. Percentage of OTHER costs out of the total input cost for <TARGET CROP>?	
V280	q4121	Q4121. In general for the whole cultivation period, rate the weather conditions for <TARGET CROP>?	
V281	q387_1	Q387. What was the impact for target crop? Reduced yield	
V282	q387_2	Q387. What was the impact for target crop? Reduced yield quality	
V283	q387_3	Q387. What was the impact for target crop? No impact	
V284	q387_96	Q387. What was the impact for target crop? Other. Specify 1:	
V285	q387_oth1	Q387. Other. Impact for growing area A on the <TARGET CROP>?	
V286	q388	Q388. How would you say the level of rainfall was for growing area A	
V287	q388b	Q388. B. You mentioned you had less rainfall this season than usual. Was this problematic?	
V288	q388d	Q388D. You mentioned you had more rainfall this season than usual. Was this problematic?	
V289	q3880	Q3880. How would you say the temperature was during this season ?	
V290	q3880b	Q3880 B. You mentioned you had lower temperatures this season than usual. Was this problematic?	
V291	q3880d	Q3880 D. You mentioned you had higher temperatures this season than usual. Was this problematic?	
V292	q389	Q389. What is the MAIN water source of <TARGET CROP> during this season?	
V293	q390	Q390. What is the number of days you have been irrigating <TARGET CROP>?	
V294	q391	Q391. What is the average amount of hours per day you have been irrigating of <TARGET CROP>?	
V295	q392	Q392. What is the amount of liters that is discharged per hour of <TARGET CROP>?	
V296	q7016	Q7016. Please indicate what percentage of the area is irrigated for <TARGET CROP>	
V297	q7017	Q7017. Which method of irrigation did you apply for <TARGET CROP>?	
V298	q399c	Q399.C. How satisfied are you with the crop program and/or recommendations for <TARGET CROP>?	
V299	date1	field preparation	
V300	date2	sowing/planting	
V301	date3a	begin harvest	
V302	date3b	end harvest	
V303	harvestyear	Data collection wave	
V304	q215	Q215. When did the first field preparation start for cauliflower?	
V305	q218	Q218. When have the young plants been planted for cauliflower?	
V306	q4000_1	q4000_1. To whom do you sell your yield - I sell it on the local market	
V307	q4000_2	q4000_2. To whom do you sell your yield - I sell it to a trader	
V308	q4000_3	q4000_3. To whom do you sell your yield - I sell it to a wholesaler	
V309	q4000_4	q4000_4. To whom do you sell your yield - I sell it to a feed processing plant	
V310	q4000_5	q4000_5. To whom do you sell your yield - I sell it to a cooperative I am part of	

ID	Name	Label	Question
V311	q4000_6	q4000_6. To whom do you sell your yield -I sell it under a contract	
V312	q4000_7	q4000_7. To whom do you sell your yield -Government owned rural collection center	
V313	q4000_96	q4000_96. To whom do you sell your yield -Other. Specify 1:	
V314	q4000_99	q4000_99. To whom do you sell your yield -Don't know / no answer	
V315	q4000_oth1	Q4000b. Can you please tell us what are your main sources for selling the harvest? Other. Specify 1	
V316	q389_1	q389_1. Which water source has been used for irrigation? Private connection to pipeline	
V317	q389_2	q389_2. Which water source has been used for irrigation? Private well	
V318	q389_4	q389_4. Which water source has been used for irrigation? Public river, stream	
V319	q389_5	q389_5. Which water source has been used for irrigation? Public lake, pond	
V320	q389_7	q389_7. Which water source has been used for irrigation? Water vendor	
V321	q389_96	q389_96. Which water source has been used for irrigation? Other specify 1:	
V322	q389_oth1	q389_96. Which water source has been used for irrigation? Other specify 1:	
V323	q399	Q399. Please explain why you follow or do not follow the crop program and/or recommendations.	
V324	q397	Q397. Received a recommended growing protocol or crop program from an agricultural advisor?	
V325	q397b_oth1	Q397B. From whom did you receive the protocol/crop program? Other 1	
V326	q397b_oth2	Q397B. From whom did you receive the protocol/crop program? Other 2	
V327	q397b_oth3	Q397B. From whom did you receive the protocol/crop program? Other 3	
V328	q397c	Q397C. Did you receive a protocol/crop program from Syngenta?	
V329	q397d_oth	Q397.D. From which manufacturer have you received a protocol/crop program? OTHER	
V330	q35a_1	Q35.A. What group/association/cooperative are a member of? 1ST	
V331	q35a_2	Q35.A. What group/association/cooperative are a member of? 2ND	
V332	q35a_3	Q35.A. What group/association/cooperative are a member of? 3RD	
V333	q58	Q58. In general, what is the topography of your growing area?	
V334	q116	Q116. What production system is used for rice?	
V335	q119	Q119. Please indicate the inter-row space that is applied?	
V336	q230_1	Bought seeds	
V337	q230_2	Saved seeds	
V338	q4001	Q4001. % of crop lost in-between harvest and storage or selling <TARGET>?	
V339	q147	Q147. When have the young plants been planted ?	
V340	q247_1a	Q247. BUYER 1 % of yield	
V341	q247_2a	Q247. BUYER 2 % of yield	
V342	q247_3a	Q247. BUYER 3 % of yield	
V343	q247_4a	Q247. BUYER 4 % of yield	
V344	q247_5a	Q247. BUYER 5 % of yield	
V345	q247_1b	Q247. BUYER 1 price per metric ton	
V346	q247_2b	Q247. BUYER 2 price per metric ton	
V347	q247_3b	Q247. BUYER 3 price per metric ton	
V348	q247_4b	Q247. BUYER 4 price per metric ton	
V349	q247_5b	Q247. BUYER 5 price per metric ton	
V350	q295	Q295. What is the level of brokens in percentage for rice?	
V351	q297	Q297. % of colored grains and contaminants for rice?	

total: 278

**Data file: Crop\_protection**

Cases:	0
variables:	32

**variables**

ID	Name	Label	Question
V352	harvestyear	Data collection wave	
V353	GrowingArea	To which field/plot does the information relate to?	
V354	ClusterID	Unique cluster ID	
V355	country	Country	
V356	Farmtype	FARMTYPE	
V357	GrowerID	Unique respondent ID	
V358	product	Unique code of a product within application	
V359	crop	The crop of focus	
V360	application	Unique code of an application per field per grower	
V361	q241a	Q241 a. Timing of product application	
V362	q241b	Q241 b. Type of product	
V363	q241c	Q241 c . Brand product name	
V364	q241cl	Q241 c1. Brand product formulation	
V365	c241c	CODED VARIABLE - stringcode	
V366	c241ca1	CODED VARIABLE - active ingredient1	
V367	c241cp1	CODED VARIABLE - amount of ai1	
V368	c241cu1	CODED VARIABLE - unit (% or Gr)	
V369	c241ca2	CODED VARIABLE - active ingredient2	
V370	c241cp2	CODED VARIABLE - amount of ai2	
V371	c241ca3	CODED VARIABLE - active ingredient3	
V372	c241cp3	CODED VARIABLE - amount of ai3	
V373	c241cpt	CODED VARIABLE - total amount of ai	
V374	q241d	CODED VARIABLE Q241 d. Dosage ?	
V375	q241e	CODED VARIABLE Q241 e. Unit of quantity	
V376	q241f	Q241 f. Amount of H2O solved in LITERS per <HECTARE>	
V377	q241g	Q241 g. Pest/disease/ weed targeted ?	
V378	q241h	Q241 h. Level of pest/ disease/ weed pressure	
V379	q241i	Q241 i. Percentage of the area treated against pests/ diseases/ weeds	
V380	q241j	Q241 j. Percentage of crop free of pests/ diseases/ weeds at harvest (in %)	
V381	q241k	Q241 k. Equipment type ?	
V382	q241n	Q241 n. What is the timing of the treatment - before crop-emergence or after crop-emergence	
V383	syngenta	CODED VARIABLE Syngenta product? (1 = YES; 0 = NO)	

total: 32

**Data file: Location**

Cases:	0
variables:	18

**variables**

ID	Name	Label	Question
V384	harvestyear	Year in which the data was collected	
V385	country	Country	
V386	ClusterID	Unique identifier per cluster	
V387	GrowerID	Unique identifier per grower	
V388	GrowingArea	Field code (A or B)	
V389	CORNER	Multiple corners of same field can be registered (only from 2018 onwards)	
V390	gps_option	gps_option	
V391	gps_shape	Description of the field (from 2018 onwards)	
V392	q22d_lat_deg	Latitude degrees	
V393	q22d_lat_min	Latitude minutes	
V394	q22d_lat_sec	Latitude seconds	
V395	q22d_lon_deg	Longitude degrees	
V396	q22d_lon_min	Longitude minutes	
V397	q22d_lon_sec	Longitude seconds	
V398	q151	Q151. Open field or in a greenhouse?	
V399	q1f	Q1. F. Would it be okay for you for this company to contact you with information on The GGP?	
V400	q25	Q25. Farm address - postal code	
V401	admin_level_1	administrative area 1	

total: 18

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

Cases: 0  
variables: 9

---

**variables**

ID	Name	Label	Question
V402	harvestyear	Year in which the data was collected	
V403	country	Country	
V404	crop	Crop	
V405	ClusterID	Unique identifier per cluster	
V406	farmtype	Reference farms versus Benchmark farms	
V407	GrowerID	Unique identifier per grower	
V408	GrowingArea	Field code (A or B)	
V409	activity	Which activities did the grower do on his field?	
V410	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
IndonesiaCocoa1	IndonesiaCocoa1
IndonesiaCocoa2	IndonesiaCocoa2
IndonesiaMaize1	IndonesiaMaize1
IndonesiaMaize1+2	IndonesiaMaize1+2
IndonesiaMaize2	IndonesiaMaize2
IndonesiaRice1	IndonesiaRice1
IndonesiaRice1+2	IndonesiaRice1+2
IndonesiaRice2	IndonesiaRice2

---

### COUNTRY: Country

**Data file:** fertilizers

#### Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

---

CATEGORIES

Value	Category
Indonesia	Indonesia

---

### FARMTYPE: Farm Type

**Data file:** fertilizers

#### Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

---

CATEGORIES

Value	Category
BF	BF
RF	RF

## GROWERID: Unique respondent ID

Data file: fertilizers

### Overview

Valid: 0 Invalid: 0

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

### Questions and instructions

#### CATEGORIES

Value	Category
19100114	19100114
19100214	19100214
19101972	19101972
19102072	19102072
19102914	19102914
19103014	19103014
19103114	19103114
19103272	19103272
19103372	19103372
19103914	19103914
19104405	19104405
19106005	19106005
19106172	19106172
19106214	19106214
19106372	19106372
19108872	19108872
19108972	19108972
19109072	19109072
19109172	19109172
19109272	19109272
19110314	19110314
19110414	19110414
19110514	19110514
19110614	19110614
19110714	19110714
19112472	19112472
19112572	19112572
19112672	19112672

19112772	19112772
19112872	19112872
19112972	19112972
19113072	19113072
19113172	19113172
19114014	19114014
19114714	19114714
19114814	19114814
19114914	19114914
19115014	19115014
19115114	19115114
19115214	19115214
19115314	19115314
19115414	19115414
19200472	19200472
19200572	19200572
19200672	19200672
19200772	19200772
19200872	19200872
19200972	19200972
19201072	19201072
19201172	19201172
19201272	19201272
19201372	19201372
19201407	19201407
19201572	19201572
19201672	19201672
19201772	19201772
19201872	19201872
19202114	19202114
19202214	19202214
19202314	19202314
19202414	19202414
19202614	19202614
19202714	19202714
19202814	19202814
19203414	19203414
19203514	19203514
19203614	19203614

19203714	19203714
19203814	19203814
19204014	19204014
19204114	19204114
19204214	19204214
19204505	19204505
19204605	19204605
19204705	19204705
19204805	19204805
19204905	19204905
19205005	19205005
19205105	19205105
19205205	19205205
19205305	19205305
19205405	19205405
19205505	19205505
19205605	19205605
19205705	19205705
19205805	19205805
19205905	19205905
19207372	19207372
19207472	19207472
19207572	19207572
19207672	19207672
19207772	19207772
19207872	19207872
19207972	19207972
19208072	19208072
19208172	19208172
19208272	19208272
19208372	19208372
19208472	19208472
19208572	19208572
19208672	19208672
19208772	19208772
19209314	19209314
19209414	19209414
19209514	19209514
19209614	19209614

19209714	19209714
19209814	19209814
19209914	19209914
19210014	19210014
19210114	19210114
19210214	19210214
19210872	19210872
19210972	19210972
19211072	19211072
19211172	19211172
19211272	19211272
19211372	19211372
19211472	19211472
19211572	19211572
19211672	19211672
19211772	19211772
19211872	19211872
19211972	19211972
19212072	19212072
19212172	19212172
19212214	19212214
19212314	19212314
19213372	19213372
19213472	19213472
19213572	19213572
19214114	19214114
19214214	19214214
19214314	19214314
19214414	19214414
19214514	19214514
19214614	19214614
19215914	19215914
19216014	19216014
19216114	19216114

### ■ 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

---

## 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
Cocoa	Cocoa
Corn	Corn
Rice	Rice

---

## 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

<b>Value</b>	<b>Category</b>
2014-08-05	2014-08-05
2014-08-07	2014-08-07
2014-08-15	2014-08-15
2014-08-20	2014-08-20
2014-10-09	2014-10-09
2014-10-10	2014-10-10
2014-10-11	2014-10-11
2014-10-14	2014-10-14
2014-10-15	2014-10-15
2014-10-18	2014-10-18
2014-10-20	2014-10-20
2014-10-22	2014-10-22
2014-10-23	2014-10-23
2014-10-24	2014-10-24
2014-10-25	2014-10-25
2014-10-26	2014-10-26
2014-10-30	2014-10-30
2014-11-01	2014-11-01
2014-11-05	2014-11-05
2014-11-06	2014-11-06
2014-11-07	2014-11-07
2014-11-08	2014-11-08
2014-11-10	2014-11-10
2014-11-11	2014-11-11
2014-11-12	2014-11-12
2014-11-13	2014-11-13
2014-11-14	2014-11-14
2014-11-15	2014-11-15
2014-11-17	2014-11-17
2014-11-18	2014-11-18
2014-11-20	2014-11-20
2014-11-22	2014-11-22
2014-11-23	2014-11-23
2014-11-25	2014-11-25
2014-11-26	2014-11-26

2014-11-27	2014-11-27
2014-11-29	2014-11-29
2014-11-30	2014-11-30
2014-12-01	2014-12-01
2014-12-04	2014-12-04
2014-12-05	2014-12-05
2014-12-06	2014-12-06
2014-12-07	2014-12-07
2014-12-08	2014-12-08
2014-12-09	2014-12-09
2014-12-10	2014-12-10
2014-12-11	2014-12-11
2014-12-12	2014-12-12
2014-12-13	2014-12-13
2014-12-15	2014-12-15
2014-12-16	2014-12-16
2014-12-17	2014-12-17
2014-12-19	2014-12-19
2014-12-20	2014-12-20
2014-12-22	2014-12-22
2014-12-25	2014-12-25
2014-12-26	2014-12-26
2014-12-30	2014-12-30
2015-01-01	2015-01-01
2015-01-03	2015-01-03
2015-01-05	2015-01-05
2015-01-07	2015-01-07
2015-01-08	2015-01-08
2015-01-09	2015-01-09
2015-01-10	2015-01-10
2015-01-11	2015-01-11
2015-01-14	2015-01-14
2015-01-15	2015-01-15
2015-01-16	2015-01-16
2015-01-29	2015-01-29
2015-02-01	2015-02-01
2015-02-02	2015-02-02
2015-02-03	2015-02-03
2015-02-05	2015-02-05

2015-02-06	2015-02-06
2015-02-07	2015-02-07
2015-02-08	2015-02-08
2015-02-10	2015-02-10
2015-02-12	2015-02-12
2015-02-15	2015-02-15
2015-02-18	2015-02-18
2015-02-24	2015-02-24
2015-02-25	2015-02-25
2015-02-27	2015-02-27
2015-03-14	2015-03-14
2015-04-05	2015-04-05
2015-04-07	2015-04-07
2015-05-01	2015-05-01
2015-05-15	2015-05-15
2015-06-06	2015-06-06
2015-07-07	2015-07-07
2016-07-08	2016-07-08
2016-07-28	2016-07-28
2016-08-08	2016-08-08
2016-08-23	2016-08-23
2016-09-14	2016-09-14
2016-09-29	2016-09-29
2016-10-01	2016-10-01
2016-10-02	2016-10-02
2016-10-03	2016-10-03
2016-10-04	2016-10-04
2016-10-05	2016-10-05
2016-10-06	2016-10-06
2016-10-07	2016-10-07
2016-10-08	2016-10-08
2016-10-09	2016-10-09
2016-10-10	2016-10-10
2016-10-11	2016-10-11
2016-10-12	2016-10-12
2016-10-13	2016-10-13
2016-10-15	2016-10-15
2016-10-16	2016-10-16
2016-10-20	2016-10-20

2016-10-24	2016-10-24
2016-10-25	2016-10-25
2016-10-26	2016-10-26
2016-10-27	2016-10-27
2016-10-28	2016-10-28
2016-10-30	2016-10-30
2016-11-01	2016-11-01
2016-11-02	2016-11-02
2016-11-04	2016-11-04
2016-11-05	2016-11-05
2016-11-06	2016-11-06
2016-11-08	2016-11-08
2016-11-10	2016-11-10
2016-11-12	2016-11-12
2016-11-13	2016-11-13
2016-11-14	2016-11-14
2016-11-15	2016-11-15
2016-11-16	2016-11-16
2016-11-17	2016-11-17
2016-11-18	2016-11-18
2016-11-19	2016-11-19
2016-11-20	2016-11-20
2016-11-21	2016-11-21
2016-11-22	2016-11-22
2016-11-23	2016-11-23
2016-11-24	2016-11-24
2016-11-25	2016-11-25
2016-11-26	2016-11-26
2016-11-27	2016-11-27
2016-11-30	2016-11-30
2016-12-01	2016-12-01
2016-12-02	2016-12-02
2016-12-03	2016-12-03
2016-12-05	2016-12-05
2016-12-06	2016-12-06
2016-12-08	2016-12-08
2016-12-10	2016-12-10
2016-12-11	2016-12-11
2016-12-12	2016-12-12

2016-12-13	2016-12-13
2016-12-14	2016-12-14
2016-12-15	2016-12-15
2016-12-16	2016-12-16
2016-12-17	2016-12-17
2016-12-18	2016-12-18
2016-12-19	2016-12-19
2016-12-20	2016-12-20
2016-12-21	2016-12-21
2016-12-22	2016-12-22
2016-12-24	2016-12-24
2016-12-25	2016-12-25
2016-12-26	2016-12-26
2016-12-27	2016-12-27
2016-12-28	2016-12-28
2016-12-30	2016-12-30
2017-01-02	2017-01-02
2017-01-03	2017-01-03
2017-01-05	2017-01-05
2017-01-07	2017-01-07
2017-01-09	2017-01-09
2017-01-10	2017-01-10
2017-01-12	2017-01-12
2017-01-15	2017-01-15
2017-01-17	2017-01-17
2017-01-18	2017-01-18
2017-01-22	2017-01-22
2017-01-24	2017-01-24
2017-01-25	2017-01-25
2017-01-26	2017-01-26
2017-01-27	2017-01-27
2017-01-30	2017-01-30
2017-02-01	2017-02-01
2017-02-02	2017-02-02
2017-02-04	2017-02-04
2017-02-05	2017-02-05
2017-02-07	2017-02-07
2017-02-10	2017-02-10
2017-02-11	2017-02-11

2017-02-15	2017-02-15
2017-02-16	2017-02-16
2017-02-25	2017-02-25
2017-03-02	2017-03-02
2017-03-04	2017-03-04
2017-03-05	2017-03-05
2017-03-06	2017-03-06
2017-03-07	2017-03-07
2017-03-12	2017-03-12
2017-03-13	2017-03-13
2017-03-28	2017-03-28
2017-04-10	2017-04-10
2017-05-05	2017-05-05
2017-06-10	2017-06-10
2017-06-30	2017-06-30
2017-07-15	2017-07-15
2017-07-28	2017-07-28
2017-07-30	2017-07-30
2017-08-07	2017-08-07
2017-08-22	2017-08-22
2017-08-28	2017-08-28
2017-08-29	2017-08-29
2017-09-01	2017-09-01
2017-09-10	2017-09-10
2017-09-15	2017-09-15
2017-09-20	2017-09-20
2017-09-26	2017-09-26
2017-09-29	2017-09-29
2017-09-30	2017-09-30
2017-10-03	2017-10-03
2017-10-05	2017-10-05
2017-10-10	2017-10-10
2017-10-11	2017-10-11
2017-10-13	2017-10-13
2017-10-14	2017-10-14
2017-10-15	2017-10-15
2017-10-16	2017-10-16
2017-10-19	2017-10-19
2017-10-20	2017-10-20

2017-10-26	2017-10-26
2017-10-28	2017-10-28
2017-10-29	2017-10-29
2017-10-30	2017-10-30
2017-11-01	2017-11-01
2017-11-04	2017-11-04
2017-11-05	2017-11-05
2017-11-07	2017-11-07
2017-11-09	2017-11-09
2017-11-10	2017-11-10
2017-11-12	2017-11-12
2017-11-13	2017-11-13
2017-11-14	2017-11-14
2017-11-15	2017-11-15
2017-11-16	2017-11-16
2017-11-17	2017-11-17
2017-11-20	2017-11-20
2017-11-22	2017-11-22
2017-11-23	2017-11-23
2017-11-24	2017-11-24
2017-11-25	2017-11-25
2017-11-26	2017-11-26
2017-11-27	2017-11-27
2017-11-28	2017-11-28
2017-11-29	2017-11-29
2017-11-30	2017-11-30
2017-12-01	2017-12-01
2017-12-02	2017-12-02
2017-12-04	2017-12-04
2017-12-05	2017-12-05
2017-12-07	2017-12-07
2017-12-09	2017-12-09
2017-12-10	2017-12-10
2017-12-12	2017-12-12
2017-12-15	2017-12-15
2017-12-16	2017-12-16
2017-12-17	2017-12-17
2017-12-18	2017-12-18
2017-12-20	2017-12-20

2017-12-22	2017-12-22
2017-12-25	2017-12-25
2017-12-26	2017-12-26
2017-12-28	2017-12-28
2017-12-30	2017-12-30
2017-12-31	2017-12-31
2018-01-01	2018-01-01
2018-01-07	2018-01-07
2018-01-08	2018-01-08
2018-01-10	2018-01-10
2018-01-12	2018-01-12
2018-01-14	2018-01-14
2018-01-15	2018-01-15
2018-01-18	2018-01-18
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
2018-02-02	2018-02-02
2018-02-04	2018-02-04
2018-02-05	2018-02-05
2018-02-06	2018-02-06
2018-02-10	2018-02-10
2018-02-12	2018-02-12
2018-02-13	2018-02-13
2018-02-15	2018-02-15
2018-02-17	2018-02-17
2018-02-18	2018-02-18
2018-02-20	2018-02-20
2018-02-22	2018-02-22
2018-02-25	2018-02-25
2018-02-26	2018-02-26
2018-02-28	2018-02-28
2018-03-05	2018-03-05
2018-03-10	2018-03-10
2018-03-12	2018-03-12
2018-03-19	2018-03-19
2018-03-20	2018-03-20

2018-03-24	2018-03-24
2018-04-03	2018-04-03
2018-04-12	2018-04-12
2018-04-17	2018-04-17
2018-04-23	2018-04-23
2018-04-25	2018-04-25
2018-05-03	2018-05-03
2018-06-02	2018-06-02
2018-07-02	2018-07-02
2018-07-12	2018-07-12
2018-07-21	2018-07-21
2018-07-22	2018-07-22
2018-08-05	2018-08-05
2018-08-06	2018-08-06
2018-09-09	2018-09-09
2018-09-12	2018-09-12
2018-09-21	2018-09-21
2018-09-25	2018-09-25
2018-09-29	2018-09-29
2018-09-30	2018-09-30
2018-10-05	2018-10-05
2018-10-06	2018-10-06
2018-10-09	2018-10-09
2018-10-10	2018-10-10
2018-10-12	2018-10-12
2018-10-14	2018-10-14
2018-10-15	2018-10-15
2018-10-16	2018-10-16
2018-10-19	2018-10-19
2018-10-21	2018-10-21
2018-10-22	2018-10-22
2018-10-23	2018-10-23
2018-10-25	2018-10-25
2018-10-27	2018-10-27
2018-10-29	2018-10-29
2018-10-30	2018-10-30
2018-11-01	2018-11-01
2018-11-03	2018-11-03
2018-11-05	2018-11-05

2018-11-06	2018-11-06
2018-11-10	2018-11-10
2018-11-12	2018-11-12
2018-11-13	2018-11-13
2018-11-14	2018-11-14
2018-11-15	2018-11-15
2018-11-18	2018-11-18
2018-11-19	2018-11-19
2018-11-20	2018-11-20
2018-11-22	2018-11-22
2018-11-23	2018-11-23
2018-11-24	2018-11-24
2018-11-25	2018-11-25
2018-11-26	2018-11-26
2018-11-27	2018-11-27
2018-11-28	2018-11-28
2018-11-29	2018-11-29
2018-11-30	2018-11-30
2018-12-01	2018-12-01
2018-12-02	2018-12-02
2018-12-05	2018-12-05
2018-12-06	2018-12-06
2018-12-07	2018-12-07
2018-12-10	2018-12-10
2018-12-12	2018-12-12
2018-12-13	2018-12-13
2018-12-14	2018-12-14
2018-12-15	2018-12-15
2018-12-16	2018-12-16
2018-12-19	2018-12-19
2018-12-20	2018-12-20
2018-12-22	2018-12-22
2018-12-23	2018-12-23
2018-12-24	2018-12-24
2018-12-25	2018-12-25
2018-12-26	2018-12-26
2018-12-27	2018-12-27
2018-12-30	2018-12-30
2019-01-01	2019-01-01

2019-01-02	2019-01-02
2019-01-03	2019-01-03
2019-01-05	2019-01-05
2019-01-06	2019-01-06
2019-01-09	2019-01-09
2019-01-10	2019-01-10
2019-01-12	2019-01-12
2019-01-13	2019-01-13
2019-01-14	2019-01-14
2019-01-15	2019-01-15
2019-01-16	2019-01-16
2019-01-19	2019-01-19
2019-01-20	2019-01-20
2019-01-22	2019-01-22
2019-01-24	2019-01-24
2019-01-25	2019-01-25
2019-01-28	2019-01-28
2019-01-29	2019-01-29
2019-01-30	2019-01-30
2019-02-05	2019-02-05
2019-02-10	2019-02-10
2019-02-15	2019-02-15
2019-02-16	2019-02-16
2019-02-18	2019-02-18
2019-02-19	2019-02-19
2019-02-25	2019-02-25

#### 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: 1 - 10000 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 - 100    Format: Numeric

---

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

**Data file:** fertilizers

### Overview

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

---

## Q229CH: Q229C h. Percentage P (P2O5) (in %)

**Data file:** fertilizers

### Overview

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

---

## Q229CI: Q229C i. Percentage K (K2O) (in %)

**Data file:** fertilizers

### Overview

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

---

## Q229CJ: Q229C j. Equipment type

**Data file:** fertilizers

## Overview

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

## Questions and instructions

---

### CATEGORIES

<b>Value</b>	<b>Category</b>
Granular applicator	Granular applicator
Hand operated sprayers (e.g. knapsack),	Hand operated sprayers (e.g. knapsack),
Other	Other

---

## **HARVESTYEAR: Data collection wave**

**Data file:** seed\_treatment

### **Overview**

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

---

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

**Data file:** seed\_treatment

### **Overview**

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

### **Questions and instructions**

---

CATEGORIES

<b>Value</b>	<b>Category</b>
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

<b>Value</b>	<b>Category</b>
IndonesiaMaize1	IndonesiaMaize1
IndonesiaMaize1+2	IndonesiaMaize1+2
IndonesiaMaize2	IndonesiaMaize2
IndonesiaRice1	IndonesiaRice1
IndonesiaRice1+2	IndonesiaRice1+2
IndonesiaRice2	IndonesiaRice2

---

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

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

**Questions and instructions****CATEGORIES**

<b>Value</b>	<b>Category</b>
Indonesia	Indonesia

**FARMTYPE: FARMTYPE****Data file:** seed\_treatment**Overview**

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

**Questions and instructions****CATEGORIES**

<b>Value</b>	<b>Category</b>
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**

<b>Value</b>	<b>Category</b>
19100114	19100114
19101972	19101972
19102072	19102072
19102914	19102914

19103014	19103014
19103114	19103114
19103914	19103914
19106172	19106172
19106214	19106214
19106372	19106372
19108872	19108872
19108972	19108972
19109072	19109072
19109172	19109172
19109272	19109272
19110314	19110314
19110414	19110414
19110514	19110514
19110614	19110614
19110714	19110714
19112472	19112472
19112572	19112572
19112672	19112672
19112772	19112772
19112872	19112872
19112972	19112972
19113072	19113072
19113172	19113172
19114014	19114014
19114714	19114714
19114814	19114814
19114914	19114914
19115014	19115014
19115214	19115214
19115314	19115314
19115414	19115414
19200572	19200572
19200672	19200672
19200772	19200772
19200872	19200872
19200972	19200972
19201572	19201572
19201872	19201872

19202114	19202114
19202214	19202214
19202414	19202414
19202714	19202714
19203414	19203414
19203614	19203614
19203814	19203814
19204114	19204114
19204214	19204214
19207372	19207372
19207472	19207472
19207572	19207572
19207672	19207672
19207772	19207772
19207872	19207872
19207972	19207972
19208072	19208072
19208172	19208172
19208272	19208272
19208372	19208372
19208472	19208472
19208572	19208572
19208672	19208672
19208772	19208772
19209414	19209414
19209514	19209514
19209614	19209614
19209714	19209714
19209814	19209814
19209914	19209914
19210114	19210114
19210872	19210872
19210972	19210972
19211072	19211072
19211172	19211172
19211272	19211272
19211372	19211372
19211472	19211472
19211572	19211572

19211772	19211772
19211872	19211872
19211972	19211972
19212072	19212072
19212172	19212172
19212314	19212314
19213472	19213472
19214314	19214314
19214414	19214414
19214614	19214614
19215914	19215914

## ■ PRODUCT: Unique code of a product that was applied

**Data file:** seed\_treatment

### Overview

Valid: 0 Invalid: 0

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

### Questions and instructions

#### CATEGORIES

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

## ■ CROP: The crop of focus

**Data file:** seed\_treatment

### Overview

Valid: 0 Invalid: 0

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

### Questions and instructions

#### CATEGORIES

Value	Category

Corn	Corn
Rice	Rice

---

### 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: 2 - 37.5 Format: Numeric

### Q233C\_A: Q233C. a. Timing of product application

Data file: seed\_treatment

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

#### CATEGORIES

Value	Category
2014-02-20	2014-02-20
2014-09-12	2014-09-12
2014-10-06	2014-10-06
2014-10-10	2014-10-10
2014-10-14	2014-10-14
2014-10-21	2014-10-21
2014-10-24	2014-10-24
2014-10-25	2014-10-25
2014-10-26	2014-10-26
2014-11-02	2014-11-02
2014-11-10	2014-11-10
2014-11-15	2014-11-15
2014-11-17	2014-11-17
2014-11-20	2014-11-20
2014-11-22	2014-11-22
2014-11-25	2014-11-25
2014-11-29	2014-11-29
2014-11-30	2014-11-30
2014-12-10	2014-12-10

2014-12-16	2014-12-16
2014-12-20	2014-12-20
2014-12-23	2014-12-23
2014-12-25	2014-12-25
2014-12-30	2014-12-30
2015-01-07	2015-01-07
2015-01-10	2015-01-10
2015-09-05	2015-09-05
2015-09-06	2015-09-06
2015-09-15	2015-09-15
2015-09-19	2015-09-19
2015-09-20	2015-09-20
2015-09-28	2015-09-28
2015-10-05	2015-10-05
2015-10-06	2015-10-06
2015-10-09	2015-10-09
2015-10-10	2015-10-10
2015-10-17	2015-10-17
2015-10-19	2015-10-19
2015-10-24	2015-10-24
2015-10-25	2015-10-25
2015-10-29	2015-10-29
2015-11-03	2015-11-03
2015-11-05	2015-11-05
2015-11-06	2015-11-06
2015-11-08	2015-11-08
2015-11-13	2015-11-13
2015-11-14	2015-11-14
2015-11-17	2015-11-17
2015-11-24	2015-11-24
2015-11-27	2015-11-27
2015-11-28	2015-11-28
2015-11-29	2015-11-29
2015-11-30	2015-11-30
2015-12-01	2015-12-01
2015-12-02	2015-12-02
2015-12-10	2015-12-10
2015-12-12	2015-12-12
2015-12-24	2015-12-24

2016-01-03	2016-01-03
2016-01-07	2016-01-07
2016-01-08	2016-01-08
2016-01-10	2016-01-10
2016-01-16	2016-01-16
2016-02-25	2016-02-25
2016-05-11	2016-05-11
2016-06-05	2016-06-05
2016-07-11	2016-07-11
2016-09-12	2016-09-12
2016-09-16	2016-09-16
2016-09-23	2016-09-23
2016-09-24	2016-09-24
2016-09-25	2016-09-25
2016-09-30	2016-09-30
2016-10-05	2016-10-05
2016-10-07	2016-10-07
2016-10-08	2016-10-08
2016-10-10	2016-10-10
2016-10-13	2016-10-13
2016-10-15	2016-10-15
2016-10-18	2016-10-18
2016-10-21	2016-10-21
2016-10-24	2016-10-24
2016-10-28	2016-10-28
2016-11-01	2016-11-01
2016-11-10	2016-11-10
2016-11-15	2016-11-15
2016-11-16	2016-11-16
2016-11-19	2016-11-19
2016-11-20	2016-11-20
2016-11-22	2016-11-22
2016-11-24	2016-11-24
2016-11-28	2016-11-28
2016-11-30	2016-11-30
2016-12-01	2016-12-01
2016-12-04	2016-12-04
2016-12-15	2016-12-15
2017-01-01	2017-01-01

2017-01-06	2017-01-06
2017-01-27	2017-01-27
2017-01-28	2017-01-28
2017-01-30	2017-01-30
2017-02-09	2017-02-09
2017-08-18	2017-08-18
2017-09-05	2017-09-05
2017-09-15	2017-09-15
2017-09-18	2017-09-18
2017-09-28	2017-09-28
2017-10-01	2017-10-01
2017-10-10	2017-10-10
2017-10-15	2017-10-15
2017-10-20	2017-10-20
2017-10-24	2017-10-24
2017-10-29	2017-10-29
2017-11-10	2017-11-10
2017-11-11	2017-11-11
2017-11-19	2017-11-19
2017-12-31	2017-12-31
2018-01-05	2018-01-05
2018-01-08	2018-01-08
2018-01-19	2018-01-19
2018-01-20	2018-01-20
2018-01-21	2018-01-21
2018-01-25	2018-01-25
2018-01-30	2018-01-30
2018-02-04	2018-02-04
2018-02-09	2018-02-09
2018-02-12	2018-02-12
2018-02-19	2018-02-19
2018-02-20	2018-02-20
2018-02-28	2018-02-28
2018-03-09	2018-03-09
2018-03-25	2018-03-25
2018-04-02	2018-04-02
2018-05-30	2018-05-30
2018-06-10	2018-06-10
2018-07-20	2018-07-20

2018-07-21	2018-07-21
2018-08-09	2018-08-09
2018-08-10	2018-08-10
2018-09-06	2018-09-06
2018-09-14	2018-09-14
2018-09-21	2018-09-21
2018-09-23	2018-09-23
2018-09-24	2018-09-24
2018-09-28	2018-09-28
2018-09-30	2018-09-30
2018-10-02	2018-10-02
2018-10-10	2018-10-10
2018-10-12	2018-10-12
2018-10-15	2018-10-15
2018-10-20	2018-10-20
2018-10-23	2018-10-23
2018-10-25	2018-10-25
2018-10-29	2018-10-29
2018-10-30	2018-10-30
2018-11-04	2018-11-04
2018-11-05	2018-11-05
2018-11-07	2018-11-07
2018-11-10	2018-11-10
2018-11-15	2018-11-15
2018-11-20	2018-11-20
2018-11-25	2018-11-25
2018-11-28	2018-11-28
2018-11-30	2018-11-30
2018-12-10	2018-12-10
2018-12-12	2018-12-12
2018-12-15	2018-12-15
2018-12-22	2018-12-22
2018-12-26	2018-12-26
2018-12-31	2018-12-31
2019-01-05	2019-01-05
2019-01-06	2019-01-06
2019-01-13	2019-01-13

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

**Data file:** seed\_treatment

### **Overview**

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

### **Questions and instructions**

---

CATEGORIES

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

---

## **Q233C\_C: Q233C. c. Brand product name**

**Data file:** seed\_treatment

### **Overview**

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

### **Questions and instructions**

---

CATEGORIES

<b>Value</b>	<b>Category</b>
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

<b>Value</b>	<b>Category</b>
confidential	confidential

## C233C\_C: CODED VARIABLE - stringcode

**Data file:** seed\_treatment

### Overview

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

### Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

## C233CA1: CODED VARIABLE - active ingredient1

**Data file:** seed\_treatment

### Overview

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

### Questions and instructions

CATEGORIES

Value	Category
ALPHA-CYPERMETHRIN	ALPHA-CYPERMETHRIN
AZOXYSTROBIN	AZOXYSTROBIN
CARBOFURAN	CARBOFURAN
CARBOSULFAN	CARBOSULFAN
CHLORANTRANILIPROLE	CHLORANTRANILIPROLE
CHLORPYRIFOS ETHYL	CHLORPYRIFOS ETHYL
DELTAMETHRIN	DELTAMETHRIN
DIFENOCONAZOLE	DIFENOCONAZOLE
DIMETHOMORPH	DIMETHOMORPH
Do not know	Do not know
FIPRONIL	FIPRONIL
GIBBERELLIC ACID	GIBBERELLIC ACID
GLYPHOSATE	GLYPHOSATE
IMAZAPYR-IPA-SALT	IMAZAPYR-IPA-SALT
IMIDACLOPRID	IMIDACLOPRID

MANCOZEB (VONDOZEB)	MANCOZEB (VONDOZEB)
MESOTRIONE	MESOTRIONE
METHOMYL	METHOMYL
PARAQUAT DICHLORIDE	PARAQUAT DICHLORIDE
PROPICONAZOLE	PROPICONAZOLE
PROPINEB	PROPINEB
PYMETROZINE	PYMETROZINE
PYRACLOSTROBINE	PYRACLOSTROBINE
SURFACTANTS	SURFACTANTS
THIAMETHOXAM	THIAMETHOXAM
TOPRAMEZONE	TOPRAMEZONE

## C233CP1: CODED VARIABLE - amount of ai1

**Data file:** seed\_treatment

### Overview

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 10 Range: 3 - 500 Format: Numeric

## C233CU1: CODED VARIABLE - unit (% or Gr)

**Data file:** seed\_treatment

### Overview

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

## Questions and instructions

### CATEGORIES

Value	Category
%	%
g/l	g/l

## C233CA2: CODED VARIABLE - active ingredient2

**Data file:** seed\_treatment

### Overview

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

## Questions and instructions

---

### CATEGORIES

Value	Category
ATRAZINE	ATRAZINE
CYPERMETHRIN	CYPERMETHRIN
DIFENOCONAZOLE	DIFENOCONAZOLE
LAMBDA CYHALOTHRIN	LAMBDA CYHALOTHRIN
PIRAKLOSTOBIN	PIRAKLOSTOBIN
PYRACLOSTROBINE	PYRACLOSTROBINE
THIAMETHOXAM	THIAMETHOXAM
TRICYCLAZOLE	TRICYCLAZOLE

---

## C233CP2: CODED VARIABLE - amount of ai2

**Data file:** seed\_treatment

### Overview

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

---

## Q233C\_D: Q233C. d. PRODUCT 1: Dosage

**Data file:** seed\_treatment

### Overview

Valid: 0 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 42 Format: Numeric

## Questions and instructions

---

### CATEGORIES

Value	Category
1	100
2	120
3	1
4	2
5	180
6	200
7	5
8	400
9	50

10	4
11	3
12	300
13	150
14	40
15	15
16	750
17	225
18	500
19	62.5
20	30
21	125
22	2000
23	250
24	1000
25	25
26	1500
27	20
28	12.5
29	350
30	5000
31	6
32	10
33	75
34	8
35	12
36	85
37	37.5
38	31.25
39	131
40	65.5
41	297
42	17.5

### **Q233C\_E: Q233C. e. PRODUCT 1: Unit of quantity**

**Data file: seed\_treatment**

#### **Overview**

Valid: 0    Invalid: 0

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

## Questions and instructions

---

### CATEGORIES

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

---

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

**Data file: seed\_treatment**

### Overview

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 10    Range: 0.03 - 500    Format: Numeric

---

## **Q233C\_G: Q233C. g. PRODUCT 1: Pest/disease/ weed targeted**

**Data file: seed\_treatment**

### Overview

Valid: 0    Invalid: 0

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

## Questions and instructions

---

### CATEGORIES

Value	Category
"	"
"Crickets, ants	"Crickets, ants
"Crickets, ants, birds	"Crickets, ants, birds
"For control of caterpillar pests	"For control of caterpillar pests
"Stimulants grow not to be eaten by ants	"Stimulants grow not to be eaten by ants
Afar tidak ada serangan hama yang menyerang benih (kutu hitam)	Afar tidak ada serangan hama yang menyerang benih (kutu hitam)
Ant	Ant
Anti bule	Anti bule
Ants	Ants
Ants , Crickets , Doves	Ants , Crickets , Doves
Ants and birds	Ants and birds

Ants, Crickets	Ants, Crickets
Ants, Flies	Ants, Flies
Ants, Leafhoppers	Ants, Leafhoppers
Ants, crickets, grasshoppers	Ants, crickets, grasshoppers
BULAI/DM	BULAI/DM
Belalang, semut, ulat	Belalang, semut, ulat
Blas (Rotten Neck Or A Broken Neck In Rice)	Blas (Rotten Neck Or A Broken Neck In Rice)
Bulai	Bulai
Bulai/DM	Bulai/DM
Cacat bibit	Cacat bibit
Caterpillar	Caterpillar
Caterpillar, rat	Caterpillar, rat
Caterpillar, rat, grasshopper	Caterpillar, rat, grasshopper
Caterpillar, rat, grasshopper, bird	Caterpillar, rat, grasshopper, bird
Caterpillars	Caterpillars
Caterpillars And Ants	Caterpillars And Ants
Caterpillars, Ants	Caterpillars, Ants
Cicada, quail	Cicada, quail
Corn cobs grow flat and large	Corn cobs grow flat and large
Corncob	Corncob
Crickets , Ants	Crickets , Ants
Crickets , Ants , Grasshoppers , Mice	Crickets , Ants , Grasshoppers , Mice
Crickets, Ants	Crickets, Ants
DK	DK
Decaying Fruit	Decaying Fruit
Don't know / no answer	Don't know / no answer
Downy Mildew.	Downy Mildew.
Eradicate caterpillar pest	Eradicate caterpillar pest
Eradicate caterpillar pests	Eradicate caterpillar pests
Eradicate grass	Eradicate grass
Fast growing. anticipating pests, birds, ants.	Fast growing. anticipating pests, birds, ants.
Fast growing. so don't disturb birds, ants, etc.	Fast growing. so don't disturb birds, ants, etc.
Flies	Flies
For control of caterpillar pests	For control of caterpillar pests
Fungi	Fungi
Fungi and Daun Busuk	Fungi and Daun Busuk
Grass	Grass
Grasshopper	Grasshopper
Grasshoppers, Ants, Crickets	Grasshoppers, Ants, Crickets

Growth regulator	Growth regulator
Gulma	Gulma
Gulma(rumput)	Gulma(rumput)
High growth of corn trees	High growth of corn trees
Imunisasi tanaman	Imunisasi tanaman
Insecta, caterpillar ants and a thousand feet	Insecta, caterpillar ants and a thousand feet
Jamur	Jamur
Jamur Semut	Jamur Semut
Jangkrik, burung, ulat	Jangkrik, burung, ulat
Jangkrik, semut, burung	Jangkrik, semut, burung
Keeping fruit rotten	Keeping fruit rotten
Kemasannya sudah dibuang responden, jadi tidak tahu produk apasaja yang dicampur ke bibit	Kemasannya sudah dibuang responden, jadi tidak tahu produk apasaja yang dicampur ke bibit
Kresek/ant	Kresek/ant
Lalat bibit	Lalat bibit
Leafhopper	Leafhopper
Melindungi benih dari serangan hama	Melindungi benih dari serangan hama
Melindungi bibit dari belalang	Melindungi bibit dari belalang
Membasmi belalang, Ulat	Membasmi belalang, Ulat
Membasmi belalang, ulat	Membasmi belalang, ulat
Mempercepat pertumbuhan benih & melindungi benih dari hama	Mempercepat pertumbuhan benih & melindungi benih dari hama
Mempercepat pertumbuhan padi	Mempercepat pertumbuhan padi
Mencegah belalang dan ulat	Mencegah belalang dan ulat
Mencegah hama ulat	Mencegah hama ulat
Mencegah orang-orang	Mencegah orang-orang
Mencegah penyakit bias patah leher dan sundep	Mencegah penyakit bias patah leher dan sundep
Mencegah sundep ulat	Mencegah sundep ulat
Menghindari jamur	Menghindari jamur
Menghindari penyakit	Menghindari penyakit
More corn grows	More corn grows
Mushroom	Mushroom
Mushrooms	Mushrooms
Mushrooms and crackles	Mushrooms and crackles
NA	NA
Pengerek batang	Pengerek batang
Peningkatan pertumbuhan	Peningkatan pertumbuhan
Perlakuan Benih Untuk Mencegah Hama Sebelum Tumbuh Dan Beberapa Minggu Di Awal Pertumbuhan. Ulat	Perlakuan Benih Untuk Mencegah Hama Sebelum Tumbuh Dan Beberapa Minggu Di Awal Pertumbuhan. Ulat
Pest	Pest

Pests	Pests
Planthopper	Planthopper
Power grows early in vegetative age	Power grows early in vegetative age
Prevent insects, pests, and leaf caterpillars	Prevent insects, pests, and leaf caterpillars
Raising corn	Raising corn
Responden membeli benih yang sudah diberi perlindungan tapi kemasannya dibuang	Responden membeli benih yang sudah diberi perlindungan tapi kemasannya dibuang
Rice Ear Bug And Planthopper	Rice Ear Bug And Planthopper
Root caterpillars, fruit-sucking caterpillars	Root caterpillars, fruit-sucking caterpillars
Rumput	Rumput
Rumput/gulma	Rumput/gulma
Seed Flies	Seed Flies
Semut	Semut
Semut dan tikus	Semut dan tikus
Semut dan ulat	Semut dan ulat
Semut, Belalang	Semut, Belalang
Semut, Belalang, Ulat Dan Burung	Semut, Belalang, Ulat Dan Burung
Semut, Belalang, Ulat, Burung	Semut, Belalang, Ulat, Burung
Semut, belalang	Semut, belalang
Semut, jangkrik dan burung	Semut, jangkrik dan burung
Semut, jangkrik, burung	Semut, jangkrik, burung
Semut, ulat dan jangkrik	Semut, ulat dan jangkrik
Semut, ulat, jangkrik	Semut, ulat, jangkrik
Snail	Snail
Sundep beluk	Sundep beluk
The stimulator grows to not be eaten by ants	The stimulator grows to not be eaten by ants
Tidak tahu	Tidak tahu
Ulat	Ulat
Ulat Daun Kresek	Ulat Daun Kresek
Ulat Daun, Plastik	Ulat Daun, Plastik
Ulat dan hama lainnya	Ulat dan hama lainnya
Ulat, belalang dan hama lainnya	Ulat, belalang dan hama lainnya
Untuk Mencegah Terserang Hama Ulat Sebelum Tumbuh Dan Beberapa Minggu Di Awal Pertumbuhan.	Untuk Mencegah Terserang Hama Ulat Sebelum Tumbuh Dan Beberapa Minggu Di Awal Pertumbuhan.
Used To Control Weeds On Land	Used To Control Weeds On Land
WERENG	WERENG
Walang Sangit	Walang Sangit
Walang and Wereng	Walang and Wereng
Weed	Weed
Weeds	Weeds

Wereng dan ulat	Wereng dan ulat
Wereng hijrah	Wereng hijrah
Wereng, belalang, jangkrik, burung	Wereng, belalang, jangkrik, burung
Wereng, jangkrik, semut	Wereng, jangkrik, semut
Wereng, ulat batang dan ulat akar	Wereng, ulat batang dan ulat akar
armyworm, leaf blast	armyworm, leaf blast
blight, rotten stem, rotten fruit	blight, rotten stem, rotten fruit
borer	borer
caterpillar	caterpillar
caterpillar on leaf and root	caterpillar on leaf and root
caterpillar, borer	caterpillar, borer
caterpillar, moth	caterpillar, moth
caterpillar, moth, mole-cricket	caterpillar, moth, mole-cricket
crickets, grasshoppers and ants	crickets, grasshoppers and ants
downy mildew	downy mildew
fungus	fungus
fungus, leafhoppers, walang sangit, leaf blast	fungus, leafhoppers, walang sangit, leaf blast
grass	grass
grasshopper, mouse and caterpillar	grasshopper, mouse and caterpillar
grasshopper, mouse, caterpillar	grasshopper, mouse, caterpillar
grasshopper, mouse, wereng	grasshopper, mouse, wereng
grasshoppers, ants and crickets	grasshoppers, ants and crickets
high growth of corn trees	high growth of corn trees
insect	insect
leaf blast	leaf blast
leaf blast, stem borer	leaf blast, stem borer
leafhoppers, caterpillar	leafhoppers, caterpillar
leafhoppers, caterpillars	leafhoppers, caterpillars
mahasena corbetti	mahasena corbetti
pest	pest
reed grass	reed grass
rottten leaf,blight, rotten fruit	rottten leaf,blight, rotten fruit
seed flies	seed flies
seed flies, corn plant hopper	seed flies, corn plant hopper
stem borer	stem borer
strengthen roots	strengthen roots
sundep	sundep
teki grass	teki grass
ulat	ulat

weeds	weeds
whorl maggot	whorl maggot

---

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

Data file: seed\_treatment

### Overview

Valid: 0    Invalid: 0

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

### Questions and instructions

---

#### CATEGORIES

Value	Category
1	Yes
2	No

---

## **HARVESTYEAR: Data collection wave**

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

### **Overview**

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

---

## **REGION: Syngenta's definition of Region**

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

### **Overview**

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

### **Questions and instructions**

---

#### CATEGORIES

Value	Category
apac	apac

---

## **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
asia south east	asia south 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
indonesiacocoa1	indonesiacocoa1
indonesiacocoa2	indonesiacocoa2
indonesiamamaize1	indonesiamamaize1
indonesiamamaize1+2	indonesiamamaize1+2
indonesiamamaize2	indonesiamamaize2
indonesiarice1	indonesiarice1
indonesiarice1+2	indonesiarice1+2
indonesiarice2	indonesiarice2

---

### 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
Indonesia	Indonesia

## **FARMTYPE: Farm type**

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

### **Overview**

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

### **Questions and instructions**

#### CATEGORIES

<b>Value</b>	<b>Category</b>
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

<b>Value</b>	<b>Category</b>
19100100	19100100
19100114	19100114
19100200	19100200
19100214	19100214
19100300	19100300
19101900	19101900
19101972	19101972
19102000	19102000
19102072	19102072
19102900	19102900
19102914	19102914
19103000	19103000
19103014	19103014
19103100	19103100

19103114	19103114
19103200	19103200
19103272	19103272
19103300	19103300
19103372	19103372
19103400	19103400
19103900	19103900
19103914	19103914
19104300	19104300
19104400	19104400
19104405	19104405
19106000	19106000
19106005	19106005
19106172	19106172
19106214	19106214
19106372	19106372
19106405	19106405
19106505	19106505
19106605	19106605
19106705	19106705
19106805	19106805
19106905	19106905
19107005	19107005
19107105	19107105
19107205	19107205
19108872	19108872
19108972	19108972
19109072	19109072
19109172	19109172
19109272	19109272
19110314	19110314
19110414	19110414
19110514	19110514
19110614	19110614
19110714	19110714
19112472	19112472
19112572	19112572
19112672	19112672
19112772	19112772

19112872	19112872
19112972	19112972
19113072	19113072
19113172	19113172
19114014	19114014
19114714	19114714
19114814	19114814
19114914	19114914
19115014	19115014
19115114	19115114
19115214	19115214
19115314	19115314
19115414	19115414
19200400	19200400
19200472	19200472
19200500	19200500
19200572	19200572
19200600	19200600
19200672	19200672
19200700	19200700
19200772	19200772
19200800	19200800
19200872	19200872
19200900	19200900
19200972	19200972
19201000	19201000
19201072	19201072
19201100	19201100
19201172	19201172
19201200	19201200
19201272	19201272
19201300	19201300
19201372	19201372
19201400	19201400
19201407	19201407
19201500	19201500
19201572	19201572
19201600	19201600
19201672	19201672

19201700	19201700
19201772	19201772
19201800	19201800
19201872	19201872
19202100	19202100
19202114	19202114
19202200	19202200
19202214	19202214
19202300	19202300
19202314	19202314
19202400	19202400
19202414	19202414
19202500	19202500
19202600	19202600
19202614	19202614
19202700	19202700
19202714	19202714
19202800	19202800
19202814	19202814
19203414	19203414
19203500	19203500
19203514	19203514
19203600	19203600
19203614	19203614
19203700	19203700
19203714	19203714
19203800	19203800
19203814	19203814
19204000	19204000
19204014	19204014
19204100	19204100
19204114	19204114
19204200	19204200
19204214	19204214
19204500	19204500
19204505	19204505
19204600	19204600
19204605	19204605
19204700	19204700

19204705	19204705
19204800	19204800
19204805	19204805
19204900	19204900
19204905	19204905
19205000	19205000
19205005	19205005
19205100	19205100
19205105	19205105
19205200	19205200
19205205	19205205
19205300	19205300
19205305	19205305
19205400	19205400
19205405	19205405
19205500	19205500
19205505	19205505
19205600	19205600
19205605	19205605
19205700	19205700
19205705	19205705
19205800	19205800
19205805	19205805
19205900	19205900
19205905	19205905
19207372	19207372
19207472	19207472
19207572	19207572
19207672	19207672
19207772	19207772
19207872	19207872
19207972	19207972
19208072	19208072
19208172	19208172
19208272	19208272
19208372	19208372
19208472	19208472
19208572	19208572
19208672	19208672

19208772	19208772
19209314	19209314
19209414	19209414
19209514	19209514
19209614	19209614
19209714	19209714
19209814	19209814
19209914	19209914
19210014	19210014
19210114	19210114
19210214	19210214
19210872	19210872
19210972	19210972
19211072	19211072
19211172	19211172
19211272	19211272
19211372	19211372
19211472	19211472
19211572	19211572
19211672	19211672
19211772	19211772
19211872	19211872
19211972	19211972
19212072	19212072
19212172	19212172
19212214	19212214
19212314	19212314
19212405	19212405
19212505	19212505
19212605	19212605
19212705	19212705
19212805	19212805
19213372	19213372
19213472	19213472
19213572	19213572
19214114	19214114
19214214	19214214
19214314	19214314
19214414	19214414

19214514	19214514
19214614	19214614
19215914	19215914
19216014	19216014
19216114	19216114

---

## 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
cocoa	cocoa
corn	corn
rice	rice

---

## 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: 0.03 - 5 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: 0.14 - 7 Format: Numeric

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

Data file: Farm\_level\_data

### Overview

Valid: 0 Invalid: 0

Type: Continuous    Decimal: 0    Width: 10    Range: 0.14 - 7    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 - 15    Format: Numeric

---

## PESTICIDEAPPLICATIONEFFIICIENCY: Number of field applications used per ton produced

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

### Overview

Valid: 0    Invalid: 0

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

---

## NUTRIENTEFFICIENCY: Kgs of nitrogen used per ton produced

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

### Overview

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 10    Range: 0 - 1220    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 - 1020    Format: Numeric

---

## POTASSIUMEFFICIENCY: Kgs of potassium used per ton produced

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

### Overview

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 10    Range: 0 - 600    Format: Numeric

---

## SEEDEFFICIENCY: Kgs of seeds used per ton produced

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

## Overview

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 10 Range: 0.3125 - 40 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 - 2.85351428571429 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 - 2.77714285714286 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 Format: Numeric

---

### **INSECTICIDE EFFICIENCY: Kgs of active ingredients from insecticides used per ton produced**

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

## Overview

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 10 Range: 0 - 1.15 Format: Numeric

---

### **IRRIGATIONWATER EFFICIENCY: Litres of irrigation water used per ton produced**

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

## Overview

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 10 Range: 0 - 13000000 Format: Numeric

---

**LABOREFFICIENCY: Amount of labor hours per unit of crop output produced****Data file:** Farm\_level\_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 1.78571428571429 - 1517.24137931034 Format: Numeric

**MACHINERYEFFICIENCY: Amount of machinery used in hours per unit of crop output produced****Data file:** Farm\_level\_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 512 Format: Numeric

**SYNGENTASHARE: Percentage of syngenta products used compared to total number of products used****Data file:** Farm\_level\_data**Overview**

Valid: 0 Invalid: 0

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

**USER\_VS\_NON\_USER: Does the grower use Syngenta products?****Data file:** Farm\_level\_data**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions****CATEGORIES**

<b>Value</b>	<b>Category</b>
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

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### CATEGORIES

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

---

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

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

## Overview

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

## Questions and instructions

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### CATEGORIES

Value	Category
2013-04-18	2013-04-18
2013-08-29	2013-08-29
2013-10-05	2013-10-05
2013-10-15	2013-10-15
2013-11-05	2013-11-05
2013-11-10	2013-11-10
2013-12-02	2013-12-02
2013-12-03	2013-12-03
2013-12-20	2013-12-20
2013-12-25	2013-12-25
2014-01-05	2014-01-05
2014-01-15	2014-01-15
2014-01-16	2014-01-16
2014-02-01	2014-02-01
2014-02-02	2014-02-02
2014-02-04	2014-02-04
2014-02-05	2014-02-05

2014-02-06	2014-02-06
2014-02-08	2014-02-08
2014-02-15	2014-02-15
2014-02-19	2014-02-19
2014-02-21	2014-02-21
2014-02-25	2014-02-25
2014-03-10	2014-03-10
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
2014-04-10	2014-04-10
2014-04-14	2014-04-14
2014-04-15	2014-04-15
2014-04-23	2014-04-23
2014-05-05	2014-05-05
2014-05-12	2014-05-12
2014-05-14	2014-05-14
2014-05-16	2014-05-16
2014-05-18	2014-05-18
2014-05-19	2014-05-19
2014-07-04	2014-07-04
2014-09-06	2014-09-06
2014-09-10	2014-09-10
2014-10-01	2014-10-01
2014-10-02	2014-10-02
2014-10-03	2014-10-03
2014-10-04	2014-10-04
2014-10-08	2014-10-08
2014-10-09	2014-10-09
2014-10-10	2014-10-10
2014-10-11	2014-10-11
2014-10-12	2014-10-12
2014-10-13	2014-10-13
2014-10-15	2014-10-15
2014-10-21	2014-10-21

2014-10-25	2014-10-25
2014-10-26	2014-10-26
2014-10-27	2014-10-27
2014-11-05	2014-11-05
2014-11-06	2014-11-06
2014-11-11	2014-11-11
2014-11-15	2014-11-15
2014-11-16	2014-11-16
2014-12-01	2014-12-01
2014-12-25	2014-12-25
2015-01-04	2015-01-04
2015-01-05	2015-01-05
2015-01-10	2015-01-10
2015-08-04	2015-08-04
2015-08-12	2015-08-12
2015-08-15	2015-08-15
2015-08-25	2015-08-25
2015-09-01	2015-09-01
2015-09-08	2015-09-08
2015-09-10	2015-09-10
2015-09-15	2015-09-15
2015-09-16	2015-09-16
2015-09-19	2015-09-19
2015-09-20	2015-09-20
2015-09-25	2015-09-25
2015-09-28	2015-09-28
2015-09-30	2015-09-30
2015-10-01	2015-10-01
2015-10-05	2015-10-05
2015-10-08	2015-10-08
2015-10-10	2015-10-10
2015-10-11	2015-10-11
2015-10-15	2015-10-15
2015-10-17	2015-10-17
2015-10-20	2015-10-20
2015-10-23	2015-10-23
2015-10-25	2015-10-25
2015-10-28	2015-10-28
2015-10-29	2015-10-29

2015-10-30	2015-10-30
2015-11-01	2015-11-01
2015-11-05	2015-11-05
2015-11-07	2015-11-07
2015-11-08	2015-11-08
2015-11-10	2015-11-10
2015-11-16	2015-11-16
2015-11-20	2015-11-20
2015-11-27	2015-11-27
2015-11-28	2015-11-28
2015-11-30	2015-11-30
2015-12-02	2015-12-02
2015-12-03	2015-12-03
2015-12-06	2015-12-06
2015-12-08	2015-12-08
2015-12-10	2015-12-10
2015-12-11	2015-12-11
2015-12-17	2015-12-17
2015-12-30	2015-12-30
2016-01-02	2016-01-02
2016-01-04	2016-01-04
2016-01-08	2016-01-08
2016-01-10	2016-01-10
2016-01-19	2016-01-19
2016-01-25	2016-01-25
2016-02-23	2016-02-23
2016-02-25	2016-02-25
2016-09-01	2016-09-01
2016-09-08	2016-09-08
2016-09-10	2016-09-10
2016-09-11	2016-09-11
2016-09-14	2016-09-14
2016-09-15	2016-09-15
2016-09-28	2016-09-28
2016-09-29	2016-09-29
2016-09-30	2016-09-30
2016-10-01	2016-10-01
2016-10-02	2016-10-02
2016-10-03	2016-10-03

2016-10-04	2016-10-04
2016-10-05	2016-10-05
2016-10-06	2016-10-06
2016-10-07	2016-10-07
2016-10-10	2016-10-10
2016-10-13	2016-10-13
2016-10-15	2016-10-15
2016-10-16	2016-10-16
2016-10-18	2016-10-18
2016-10-20	2016-10-20
2016-10-23	2016-10-23
2016-10-24	2016-10-24
2016-10-25	2016-10-25
2016-10-26	2016-10-26
2016-10-27	2016-10-27
2016-10-29	2016-10-29
2016-10-30	2016-10-30
2016-11-05	2016-11-05
2016-11-10	2016-11-10
2016-11-15	2016-11-15
2016-11-16	2016-11-16
2016-11-17	2016-11-17
2016-11-19	2016-11-19
2016-11-20	2016-11-20
2016-11-25	2016-11-25
2016-11-27	2016-11-27
2016-11-30	2016-11-30
2016-12-01	2016-12-01
2016-12-02	2016-12-02
2016-12-12	2016-12-12
2016-12-15	2016-12-15
2016-12-25	2016-12-25
2016-12-30	2016-12-30
2016-12-31	2016-12-31
2017-01-01	2017-01-01
2017-01-04	2017-01-04
2017-01-05	2017-01-05
2017-01-15	2017-01-15
2017-01-20	2017-01-20

2017-07-13	2017-07-13
2017-08-10	2017-08-10
2017-08-16	2017-08-16
2017-08-20	2017-08-20
2017-08-25	2017-08-25
2017-09-01	2017-09-01
2017-09-04	2017-09-04
2017-09-05	2017-09-05
2017-09-07	2017-09-07
2017-09-08	2017-09-08
2017-09-10	2017-09-10
2017-09-12	2017-09-12
2017-09-20	2017-09-20
2017-09-27	2017-09-27
2017-10-02	2017-10-02
2017-10-05	2017-10-05
2017-10-07	2017-10-07
2017-10-10	2017-10-10
2017-10-13	2017-10-13
2017-10-15	2017-10-15
2017-10-16	2017-10-16
2017-10-17	2017-10-17
2017-10-20	2017-10-20
2017-10-25	2017-10-25
2017-10-28	2017-10-28
2017-11-05	2017-11-05
2017-11-07	2017-11-07
2017-11-08	2017-11-08
2017-11-10	2017-11-10
2017-11-15	2017-11-15
2017-11-20	2017-11-20
2017-11-21	2017-11-21
2017-11-25	2017-11-25
2017-12-02	2017-12-02
2017-12-03	2017-12-03
2017-12-05	2017-12-05
2017-12-10	2017-12-10
2017-12-12	2017-12-12
2017-12-20	2017-12-20

2017-12-30	2017-12-30
2018-01-02	2018-01-02
2018-01-04	2018-01-04
2018-01-11	2018-01-11
2018-01-15	2018-01-15
2018-01-23	2018-01-23
2018-02-03	2018-02-03
2018-02-21	2018-02-21
2018-03-10	2018-03-10
2018-03-25	2018-03-25
2018-06-05	2018-06-05
2018-06-15	2018-06-15
2018-07-15	2018-07-15
2018-07-16	2018-07-16
2018-08-19	2018-08-19
2018-08-25	2018-08-25
2018-09-01	2018-09-01
2018-09-05	2018-09-05
2018-09-10	2018-09-10
2018-09-18	2018-09-18
2018-09-20	2018-09-20
2018-09-21	2018-09-21
2018-09-22	2018-09-22
2018-09-25	2018-09-25
2018-09-30	2018-09-30
2018-10-02	2018-10-02
2018-10-03	2018-10-03
2018-10-05	2018-10-05
2018-10-10	2018-10-10
2018-10-15	2018-10-15
2018-10-18	2018-10-18
2018-10-20	2018-10-20
2018-10-25	2018-10-25
2018-10-26	2018-10-26
2018-10-30	2018-10-30
2018-11-02	2018-11-02
2018-11-03	2018-11-03
2018-11-05	2018-11-05
2018-11-06	2018-11-06

2018-11-07	2018-11-07
2018-11-08	2018-11-08
2018-11-10	2018-11-10
2018-11-14	2018-11-14
2018-11-15	2018-11-15
2018-11-18	2018-11-18
2018-11-20	2018-11-20
2018-11-21	2018-11-21
2018-11-22	2018-11-22
2018-11-25	2018-11-25
2018-11-27	2018-11-27
2018-11-28	2018-11-28
2018-12-02	2018-12-02
2018-12-03	2018-12-03
2018-12-10	2018-12-10
2018-12-15	2018-12-15
2018-12-19	2018-12-19
2018-12-20	2018-12-20
2018-12-24	2018-12-24
2018-12-25	2018-12-25

## 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
2013-04-25	2013-04-25
2013-09-04	2013-09-04
2013-10-25	2013-10-25
2013-11-05	2013-11-05
2013-11-25	2013-11-25
2013-11-30	2013-11-30
2013-12-14	2013-12-14

2013-12-15	2013-12-15
2014-01-10	2014-01-10
2014-01-15	2014-01-15
2014-02-10	2014-02-10
2014-02-11	2014-02-11
2014-02-14	2014-02-14
2014-02-16	2014-02-16
2014-02-20	2014-02-20
2014-02-24	2014-02-24
2014-02-25	2014-02-25
2014-02-26	2014-02-26
2014-02-28	2014-02-28
2014-03-15	2014-03-15
2014-03-16	2014-03-16
2014-03-21	2014-03-21
2014-03-22	2014-03-22
2014-03-28	2014-03-28
2014-03-30	2014-03-30
2014-04-01	2014-04-01
2014-04-08	2014-04-08
2014-04-10	2014-04-10
2014-04-15	2014-04-15
2014-04-27	2014-04-27
2014-05-07	2014-05-07
2014-05-12	2014-05-12
2014-05-13	2014-05-13
2014-05-15	2014-05-15
2014-05-17	2014-05-17
2014-05-19	2014-05-19
2014-05-23	2014-05-23
2014-05-25	2014-05-25
2014-07-05	2014-07-05
2014-09-10	2014-09-10
2014-10-05	2014-10-05
2014-10-08	2014-10-08
2014-10-10	2014-10-10
2014-10-14	2014-10-14
2014-10-15	2014-10-15
2014-10-16	2014-10-16

2014-10-17	2014-10-17
2014-10-20	2014-10-20
2014-10-22	2014-10-22
2014-10-25	2014-10-25
2014-10-27	2014-10-27
2014-11-06	2014-11-06
2014-11-10	2014-11-10
2014-11-15	2014-11-15
2014-11-16	2014-11-16
2014-11-18	2014-11-18
2014-11-20	2014-11-20
2014-11-26	2014-11-26
2014-12-01	2014-12-01
2014-12-05	2014-12-05
2014-12-07	2014-12-07
2014-12-10	2014-12-10
2014-12-12	2014-12-12
2014-12-13	2014-12-13
2014-12-21	2014-12-21
2015-01-03	2015-01-03
2015-01-08	2015-01-08
2015-01-29	2015-01-29
2015-08-06	2015-08-06
2015-08-22	2015-08-22
2015-09-05	2015-09-05
2015-09-06	2015-09-06
2015-09-15	2015-09-15
2015-09-20	2015-09-20
2015-09-21	2015-09-21
2015-09-26	2015-09-26
2015-09-27	2015-09-27
2015-09-29	2015-09-29
2015-10-02	2015-10-02
2015-10-03	2015-10-03
2015-10-05	2015-10-05
2015-10-06	2015-10-06
2015-10-07	2015-10-07
2015-10-08	2015-10-08
2015-10-09	2015-10-09

2015-10-10	2015-10-10
2015-10-11	2015-10-11
2015-10-17	2015-10-17
2015-10-20	2015-10-20
2015-10-24	2015-10-24
2015-10-27	2015-10-27
2015-11-01	2015-11-01
2015-11-02	2015-11-02
2015-11-03	2015-11-03
2015-11-05	2015-11-05
2015-11-08	2015-11-08
2015-11-10	2015-11-10
2015-11-12	2015-11-12
2015-11-15	2015-11-15
2015-11-16	2015-11-16
2015-11-17	2015-11-17
2015-11-18	2015-11-18
2015-11-20	2015-11-20
2015-11-25	2015-11-25
2015-11-27	2015-11-27
2015-11-28	2015-11-28
2015-11-29	2015-11-29
2015-12-01	2015-12-01
2015-12-02	2015-12-02
2015-12-04	2015-12-04
2015-12-06	2015-12-06
2015-12-07	2015-12-07
2015-12-10	2015-12-10
2015-12-15	2015-12-15
2015-12-17	2015-12-17
2015-12-20	2015-12-20
2015-12-25	2015-12-25
2016-01-07	2016-01-07
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## HARVEST\_BEGIN: Date when harvest started

Data file: Farm\_level\_data

### Overview

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### Questions and instructions

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## HARVEST\_END: Date when harvest ended

Data file: Farm\_level\_data

### Overview

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### Questions and instructions

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2016-09-20	2016-09-20
2016-09-21	2016-09-21
2016-09-22	2016-09-22
2016-09-27	2016-09-27
2017-01-01	2017-01-01
2017-01-04	2017-01-04
2017-01-06	2017-01-06
2017-01-09	2017-01-09
2017-01-10	2017-01-10
2017-01-12	2017-01-12
2017-01-15	2017-01-15
2017-01-16	2017-01-16
2017-01-17	2017-01-17
2017-01-18	2017-01-18
2017-01-20	2017-01-20
2017-01-22	2017-01-22
2017-01-24	2017-01-24
2017-01-26	2017-01-26
2017-01-27	2017-01-27
2017-01-28	2017-01-28
2017-01-29	2017-01-29
2017-01-30	2017-01-30
2017-01-31	2017-01-31
2017-02-05	2017-02-05
2017-02-08	2017-02-08
2017-02-10	2017-02-10
2017-02-12	2017-02-12
2017-02-15	2017-02-15
2017-02-17	2017-02-17
2017-02-18	2017-02-18
2017-02-20	2017-02-20

2017-02-21	2017-02-21
2017-02-22	2017-02-22
2017-02-23	2017-02-23
2017-02-26	2017-02-26
2017-02-27	2017-02-27
2017-02-28	2017-02-28
2017-03-01	2017-03-01
2017-03-04	2017-03-04
2017-03-05	2017-03-05
2017-03-07	2017-03-07
2017-03-09	2017-03-09
2017-03-10	2017-03-10
2017-03-12	2017-03-12
2017-03-13	2017-03-13
2017-03-15	2017-03-15
2017-03-18	2017-03-18
2017-03-20	2017-03-20
2017-03-22	2017-03-22
2017-03-25	2017-03-25
2017-03-29	2017-03-29
2017-03-30	2017-03-30
2017-04-01	2017-04-01
2017-04-02	2017-04-02
2017-04-10	2017-04-10
2017-04-11	2017-04-11
2017-04-12	2017-04-12
2017-04-14	2017-04-14
2017-04-17	2017-04-17
2017-04-25	2017-04-25
2017-04-27	2017-04-27
2017-05-01	2017-05-01
2017-05-12	2017-05-12
2017-05-13	2017-05-13
2017-05-14	2017-05-14
2017-05-15	2017-05-15
2017-05-29	2017-05-29
2017-12-27	2017-12-27
2017-12-30	2017-12-30
2018-01-03	2018-01-03

2018-01-05	2018-01-05
2018-01-06	2018-01-06
2018-01-08	2018-01-08
2018-01-10	2018-01-10
2018-01-12	2018-01-12
2018-01-13	2018-01-13
2018-01-15	2018-01-15
2018-01-17	2018-01-17
2018-01-19	2018-01-19
2018-01-20	2018-01-20
2018-01-22	2018-01-22
2018-01-25	2018-01-25
2018-01-28	2018-01-28
2018-01-30	2018-01-30
2018-01-31	2018-01-31
2018-02-02	2018-02-02
2018-02-03	2018-02-03
2018-02-05	2018-02-05
2018-02-06	2018-02-06
2018-02-11	2018-02-11
2018-02-16	2018-02-16
2018-02-20	2018-02-20
2018-02-22	2018-02-22
2018-02-26	2018-02-26
2018-02-27	2018-02-27
2018-02-28	2018-02-28
2018-03-02	2018-03-02
2018-03-03	2018-03-03
2018-03-10	2018-03-10
2018-03-12	2018-03-12
2018-03-15	2018-03-15
2018-03-20	2018-03-20
2018-03-21	2018-03-21
2018-03-23	2018-03-23
2018-03-30	2018-03-30
2018-04-02	2018-04-02
2018-04-10	2018-04-10
2018-04-19	2018-04-19
2018-04-20	2018-04-20

2018-04-25	2018-04-25
2018-04-26	2018-04-26
2018-04-27	2018-04-27
2018-04-28	2018-04-28
2018-04-29	2018-04-29
2018-04-30	2018-04-30
2018-05-01	2018-05-01
2018-07-03	2018-07-03
2018-07-17	2018-07-17
2018-10-10	2018-10-10
2018-11-21	2018-11-21
2018-12-21	2018-12-21
2019-01-03	2019-01-03
2019-01-08	2019-01-08
2019-01-12	2019-01-12
2019-01-15	2019-01-15
2019-01-21	2019-01-21
2019-01-22	2019-01-22
2019-01-27	2019-01-27
2019-01-28	2019-01-28
2019-01-30	2019-01-30
2019-02-12	2019-02-12
2019-02-13	2019-02-13
2019-02-14	2019-02-14
2019-02-15	2019-02-15
2019-02-16	2019-02-16
2019-02-20	2019-02-20
2019-02-26	2019-02-26
2019-02-27	2019-02-27
2019-02-28	2019-02-28
2019-03-01	2019-03-01
2019-03-02	2019-03-02
2019-03-06	2019-03-06
2019-03-07	2019-03-07
2019-03-09	2019-03-09
2019-03-12	2019-03-12
2019-03-15	2019-03-15
2019-03-16	2019-03-16
2019-03-17	2019-03-17

2019-03-20	2019-03-20
2019-03-28	2019-03-28
2019-03-29	2019-03-29
2019-03-30	2019-03-30
2019-04-01	2019-04-01
2019-04-04	2019-04-04
2019-04-05	2019-04-05
2019-04-10	2019-04-10
2019-04-14	2019-04-14
2019-04-17	2019-04-17
2019-04-27	2019-04-27
2019-04-28	2019-04-28
2019-04-29	2019-04-29

## **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
asia south east	asia south 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
Indonesia	Indonesia

---

## **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
indonesiacocoa1	indonesiacocoa1
indonesiacocoa2	indonesiacocoa2
indonesiamaze1	indonesiamaze1
indonesiamaze1+2	indonesiamaze1+2
indonesiamaze2	indonesiamaze2

indonesiarice1	indonesiarice1
indonesiarice1+2	indonesiarice1+2
indonesiarice2	indonesiarice2

## 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
19100100	19100100
19100114	19100114
19100200	19100200
19100214	19100214
19100300	19100300
19101900	19101900
19101972	19101972
19102000	19102000
19102072	19102072
19102900	19102900
19102914	19102914
19103000	19103000
19103014	19103014
19103100	19103100
19103114	19103114
19103200	19103200
19103272	19103272
19103300	19103300
19103372	19103372
19103400	19103400
19103900	19103900
19103914	19103914
19104300	19104300
19104400	19104400

19104405	19104405
19106000	19106000
19106005	19106005
19106172	19106172
19106214	19106214
19106372	19106372
19106405	19106405
19106505	19106505
19106605	19106605
19106705	19106705
19106805	19106805
19106905	19106905
19107005	19107005
19107105	19107105
19107205	19107205
19108872	19108872
19108972	19108972
19109072	19109072
19109172	19109172
19109272	19109272
19110314	19110314
19110414	19110414
19110514	19110514
19110614	19110614
19110714	19110714
19112472	19112472
19112572	19112572
19112672	19112672
19112772	19112772
19112872	19112872
19112972	19112972
19113072	19113072
19113172	19113172
19114014	19114014
19114714	19114714
19114814	19114814
19114914	19114914
19115014	19115014
19115114	19115114

19115214	19115214
19115314	19115314
19115414	19115414
19200400	19200400
19200472	19200472
19200500	19200500
19200572	19200572
19200600	19200600
19200672	19200672
19200700	19200700
19200772	19200772
19200800	19200800
19200872	19200872
19200900	19200900
19200972	19200972
19201000	19201000
19201072	19201072
19201100	19201100
19201172	19201172
19201200	19201200
19201272	19201272
19201300	19201300
19201372	19201372
19201400	19201400
19201407	19201407
19201500	19201500
19201572	19201572
19201600	19201600
19201672	19201672
19201700	19201700
19201772	19201772
19201800	19201800
19201872	19201872
19202100	19202100
19202114	19202114
19202200	19202200
19202214	19202214
19202300	19202300
19202314	19202314

19202400	19202400
19202414	19202414
19202500	19202500
19202600	19202600
19202614	19202614
19202700	19202700
19202714	19202714
19202800	19202800
19202814	19202814
19203414	19203414
19203500	19203500
19203514	19203514
19203600	19203600
19203614	19203614
19203700	19203700
19203714	19203714
19203800	19203800
19203814	19203814
19204000	19204000
19204014	19204014
19204100	19204100
19204114	19204114
19204200	19204200
19204214	19204214
19204500	19204500
19204505	19204505
19204600	19204600
19204605	19204605
19204700	19204700
19204705	19204705
19204800	19204800
19204805	19204805
19204900	19204900
19204905	19204905
19205000	19205000
19205005	19205005
19205100	19205100
19205105	19205105
19205200	19205200

19205205	19205205
19205300	19205300
19205305	19205305
19205400	19205400
19205405	19205405
19205500	19205500
19205505	19205505
19205600	19205600
19205605	19205605
19205700	19205700
19205705	19205705
19205800	19205800
19205805	19205805
19205900	19205900
19205905	19205905
19207372	19207372
19207472	19207472
19207572	19207572
19207672	19207672
19207772	19207772
19207872	19207872
19207972	19207972
19208072	19208072
19208172	19208172
19208272	19208272
19208372	19208372
19208472	19208472
19208572	19208572
19208672	19208672
19208772	19208772
19209314	19209314
19209414	19209414
19209514	19209514
19209614	19209614
19209714	19209714
19209814	19209814
19209914	19209914
19210014	19210014
19210114	19210114

19210214	19210214
19210872	19210872
19210972	19210972
19211072	19211072
19211172	19211172
19211272	19211272
19211372	19211372
19211472	19211472
19211572	19211572
19211672	19211672
19211772	19211772
19211872	19211872
19211972	19211972
19212072	19212072
19212172	19212172
19212214	19212214
19212314	19212314
19212405	19212405
19212505	19212505
19212605	19212605
19212705	19212705
19212805	19212805
19213372	19213372
19213472	19213472
19213572	19213572
19214114	19214114
19214214	19214214
19214314	19214314
19214414	19214414
19214514	19214514
19214614	19214614
19215914	19215914
19216014	19216014
19216114	19216114

#### **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 - 3 Format: Numeric

## Questions and instructions

---

### CATEGORIES

Value	Category
1	very useful
2	rather useful
3	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
cocoa	cocoa
corn	corn
rice	rice

---

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

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

### **Overview**

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

### **Questions and instructions**

---

#### CATEGORIES

Value	Category
1	mentioned

2	not mentioned
---	---------------

**Q56A2\_4: Q56A2. Growing area changed from previous year- I left my field fallow****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions****CATEGORIES**

Value	Category
1	not mentioned
2	mentioned

**Q56A2\_6: Q56A2. Growing area changed from previous year- Do not cultivate Crop on that area anymore****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions****CATEGORIES**

Value	Category
1	not mentioned
2	mentioned

**Q56A2\_99: Q56A2. Growing area changed from previous year? Don't know / no answer****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions****CATEGORIES**

Value	Category
1	not mentioned
2	mentioned

---

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

Data file: Global\_farm\_data

#### Overview

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

#### Questions and instructions

#### CATEGORIES

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

---

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

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0  
Type: Continuous Decimal: 0 Width: 10 Range: 0.3 - 90 Format: Numeric

### Q19: Q19. Surname

Data file: Global\_farm\_data

#### Overview

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

#### Questions and instructions

#### CATEGORIES

Value	Category
confidential	confidential

---

**Q20: Q20. First name****Data file:** Global\_farm\_data**Overview**

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

**Questions and instructions****CATEGORIES**

<b>Value</b>	<b>Category</b>
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**

<b>Value</b>	<b>Category</b>
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**

<b>Value</b>	<b>Category</b>
confidential	confidential

**Q27: Q27. Year of birth****Data file:** Global\_farm\_data

## Overview

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 10 Range: 1923 - 1990 Format: Numeric

---

### **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
02	02
03	03
04	04
05	05
06	06
07	07
08	08
09	09
10 very satisfied	10 very satisfied

---

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

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

## Overview

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

## Questions and instructions

---

### CATEGORIES

Value	Category
1	no
2	yes

---

**Q37B: Q37.B. Do you have signs of soil erosion by wind on your farm?****Data file:** Global\_farm\_data**Overview**

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

**Questions and instructions****CATEGORIES**

<b>Value</b>	<b>Category</b>
1	yes
2	no

**Q7001: Q7001. Have you changed your tillage practices for in the past 20 years?****Data file:** Global\_farm\_data**Overview**

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

**Questions and instructions****CATEGORIES**

<b>Value</b>	<b>Category</b>
1	yes
2	no

**Q28: Q28. Gender****Data file:** Global\_farm\_data**Overview**

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

**Questions and instructions****CATEGORIES**

<b>Value</b>	<b>Category</b>
1	male
2	female

**Q31: Q31. Until what age did you go to school?****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 57 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**

<b>Value</b>	<b>Category</b>
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 - 57 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**

<b>Value</b>	<b>Category</b>
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

**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 - 6 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 tillage to no tillage
6	from reduced to conventional tillage

**Q7003: Q7003. How many years ago did you change your tillage practices for ?****Data file: Global\_farm\_data****Overview**

Valid: 0 Invalid: 0

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

**Q7004: Q7004. Have you grown cover crop to manage soil health in the past 20 years for ?****Data file:** Global\_farm\_data**Overview**

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

**Questions and instructions****CATEGORIES**

<b>Value</b>	<b>Category</b>
1	no
2	yes

**Q7005: Q7005. How many years ago did you start growing a cover crop for ?****Data file:** Global\_farm\_data**Overview**

Valid: 0    Invalid: 0  
 Type: Discrete    Decimal: 0    Width: 12    Range: 1 - 48    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**

<b>Value</b>	<b>Category</b>
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: 3 - 20 Format: Numeric

---

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

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

## Overview

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

## Questions and instructions

---

### CATEGORIES

Value	Category
1	no
2	yes

---

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

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

## Overview

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

## Questions and instructions

---

### CATEGORIES

Value	Category
1	from grassland to arable land
2	from forest to arable land
3	other. specify

---

**Q7009OTH: Other. Specify: Q7009.**

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

## Overview

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

## Questions and instructions

---

### CATEGORIES

Value	Category
from fertile crop to yard plant	from fertile crop to yard plant

---

### 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: 2 - 20 Format: Numeric

---

### Q65: Q65. Do you practice intercropping for ?

Data file: Global\_farm\_data

#### Overview

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

## Questions and instructions

---

### CATEGORIES

Value	Category
1	yes
2	no

---

### Q66\_1: Q66. Which crops do you intercrop? Apples

Data file: Global\_farm\_data

#### Overview

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

## Questions and instructions

---

### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

**Q66\_2: Q66. Which crops do you intercrop? Banana****Data file:** Global\_farm\_data**Overview**

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

**Questions and instructions****CATEGORIES**

<b>Value</b>	<b>Category</b>
1	not mentioned
2	mentioned

**Q66\_5: Q66. Which crops do you intercrop? Cocoa****Data file:** Global\_farm\_data**Overview**

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

**Questions and instructions****CATEGORIES**

<b>Value</b>	<b>Category</b>
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**

<b>Value</b>	<b>Category</b>
1	mentioned

2	not mentioned
---	---------------

### Q66\_8: Q66. Which crops do you intercrop? Cotton

Data file: Global\_farm\_data

#### Overview

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

#### Questions and instructions

##### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

### Q66\_12: Q66. Which crops do you intercrop? Pepper

Data file: Global\_farm\_data

#### Overview

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

#### Questions and instructions

##### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

### Q66\_14: Q66. Which crops do you intercrop? Rice

Data file: Global\_farm\_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\_16: Q66. Which crops do you intercrop? Stone fruit****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions****CATEGORIES**

Value	Category
1	not mentioned
2	mentioned

---

**Q66\_17: Q66. Which crops do you intercrop? Sugarcane****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions****CATEGORIES**

Value	Category
1	not mentioned
2	mentioned

---

### Q66\_19: Q66. Which crops do you intercrop? Tomato

Data file: Global\_farm\_data

#### Overview

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

#### Questions and instructions

---

##### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

---

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

Data file: Global\_farm\_data

#### Overview

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

#### Questions and instructions

---

##### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

---

### Q66\_24: Q66. Which crops do you intercrop? Avocado

Data file: Global\_farm\_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\_32: Q66. Which crops do you intercrop? 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

---

### Q66\_39: Q66. Which crops do you intercrop? Coconut (palm tree)

Data file: Global\_farm\_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\_40: Q66. Which crops do you intercrop? Cover crop

Data file: Global\_farm\_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\_41: Q66. Which crops do you intercrop? Cucumber

Data file: Global\_farm\_data

### Overview

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

## Questions and instructions

---

### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

---

## Q66\_43: Q66. Which crops do you intercrop? Eggplant

Data file: Global\_farm\_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\_47: Q66. Which crops do you intercrop? Flowers

Data file: Global\_farm\_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\_61: Q66. Which crops do you intercrop? Mango

Data file: Global\_farm\_data

## Overview

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

## Questions and instructions

---

### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

---

## Q66\_64: Q66. Which crops do you intercrop? Nuts

Data file: Global\_farm\_data

## Overview

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

## Questions and instructions

---

### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

---

**Q66\_69: Q66. Which crops do you intercrop? Other peppers****Data file:** Global\_farm\_data**Overview**

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

**Questions and instructions****CATEGORIES**

<b>Value</b>	<b>Category</b>
1	not mentioned
2	mentioned

**Q66\_74: Q66. Which crops do you intercrop? Papaya****Data file:** Global\_farm\_data**Overview**

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

**Questions and instructions****CATEGORIES**

<b>Value</b>	<b>Category</b>
1	not mentioned
2	mentioned

**Q66\_77: Q66. Which crops do you intercrop? 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**

<b>Value</b>	<b>Category</b>
1	not mentioned
2	mentioned

**Q66\_81: Q66. Which crops do you intercrop? Pumpkin/squash****Data file:** Global\_farm\_data**Overview**

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

**Questions and instructions****CATEGORIES**

<b>Value</b>	<b>Category</b>
1	not mentioned
2	mentioned

**Q66\_91: Q66. Which crops do you intercrop? Sorghum****Data file:** Global\_farm\_data**Overview**

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

**Questions and instructions****CATEGORIES**

<b>Value</b>	<b>Category</b>
1	not mentioned
2	mentioned

**Q66\_96: Q66. Which crops do you intercrop? Other specify 1****Data file:** Global\_farm\_data**Overview**

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

**Questions and instructions****CATEGORIES**

<b>Value</b>	<b>Category</b>
1	not mentioned

2	mentioned
---	-----------

**Q66\_97: Q66. Which crops do you intercrop? Other specify 2****Data file: Global\_farm\_data****Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions****CATEGORIES**

Value	Category
1	not mentioned
2	mentioned

**Q66\_98: Q66. Which crops do you intercrop? Other specify 3****Data file: Global\_farm\_data****Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions****CATEGORIES**

Value	Category
1	not mentioned
2	mentioned

**Q60: Q60. Do you rotate crops on growing area A for ?****Data file: Global\_farm\_data****Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions****CATEGORIES**

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

1	yes
2	no

---

**Q61\_7: Q61. What crops are you cultivating in rotation? Corn****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	mentioned
2	not mentioned

---

**Q61\_14: Q61. What crops are you cultivating in rotation? Rice****Data file:** Global\_farm\_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\_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\_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\_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\_96: Q61. What crops are you cultivating in rotation? Other. Specify 1

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

---

### CATEGORIES

Value	Category
1	mentioned
2	not mentioned

---

### Q61\_97: Q61. What crops are you cultivating in rotation? Other. Specify 2

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

---

### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

---

### Q61\_98: Q61. What crops are you cultivating in rotation? Other. Specify 3

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

---

### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

---

## 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\_2: Q55E2. Who organized this training? Internet****Data file:** Global\_farm\_data**Overview**

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

**Questions and instructions****CATEGORIES**

<b>Value</b>	<b>Category</b>
1	not mentioned
2	mentioned

**Q55E2\_3: Q55E2. Who organized this training? Extension officer****Data file:** Global\_farm\_data**Overview**

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

**Questions and instructions****CATEGORIES**

<b>Value</b>	<b>Category</b>
1	not mentioned
2	mentioned

**Q55E2\_5: Q55E2. Who organized this training? Agronomist/advisor****Data file:** Global\_farm\_data**Overview**

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

**Questions and instructions****CATEGORIES**

<b>Value</b>	<b>Category</b>
1	not mentioned
2	mentioned

**Q55E2\_6: Q55E2. Who organized this training? Supplier****Data file:** Global\_farm\_data**Overview**

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

**Questions and instructions****CATEGORIES**

<b>Value</b>	<b>Category</b>
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**

<b>Value</b>	<b>Category</b>
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**

<b>Value</b>	<b>Category</b>
1	not mentioned

2	mentioned
---	-----------

**Q55E2\_97: Q55E2. Who organized this training? Other specify 2:****Data file: Global\_farm\_data****Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions****CATEGORIES**

Value	Category
1	not mentioned
2	mentioned

**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\_3: Q5502. Can you describe how the Syngenta representative contacted you? Received a brochure**

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

### **Overview**

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

## Questions and instructions

---

### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

---

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

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

#### Overview

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

## Questions and instructions

---

### CATEGORIES

Value	Category
1	mentioned
2	not mentioned

---

### **Q5502\_96: Q5502. Can you describe how the Syngenta representative contacted you? Other specify 1:**

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

#### Overview

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

## Questions and instructions

---

### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

---

### **Q5502\_99: Q5502. Can you describe how the Syngenta representative contacted you? 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

---

## 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 - 3 Format: Numeric

## Questions and instructions

---

### CATEGORIES

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

---

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

Data file: Global\_farm\_data

## Overview

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

## Questions and instructions

---

### CATEGORIES

Value	Category
1	no
2	yes

---

## **Q54\_1: Q54. Where do you deposit the rest water after spraying? Citerne (phytobac, heliosec, 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**

<b>Value</b>	<b>Category</b>
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**

<b>Value</b>	<b>Category</b>
Keep it in the sprayer	Keep it in the sprayer
No product left	No product left
No water left	No water left
Not throwing it out, save it for the next usage	Not throwing it out, save it for the next usage
Not throwing it out/always use all of them	Not throwing it out/always use all of them
Old well in the field	Old well in the field
Spray all of them in the field	Spray all of them in the field
Spray it in other fields	Spray it in other fields
Spray it in the field again	Spray it in the field again
Spray it in the field again until it is used up	Spray it in the field again until it is used up
Use all of the products	Use all of the products
Utilize all of them	Utilize all of them
Utilize all of them in the rice field	Utilize all of them in the rice field

**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\_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**

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#### CATEGORIES

Value	Category
1	mentioned

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## **Q55B\_97: Q55b. Where do you dispose the water used for cleaning you equipment? Other specify 2:**

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

### **Overview**

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

### **Questions and instructions**

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#### CATEGORIES

Value	Category
1	mentioned

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**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 - 1    Format: Numeric

**Questions and instructions****CATEGORIES**

<b>Value</b>	<b>Category</b>
1	yes

**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 - 1    Format: Numeric

**Questions and instructions****CATEGORIES**

<b>Value</b>	<b>Category</b>
1	yes

**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**

<b>Value</b>	<b>Category</b>
2013-04-18	2013-04-18
2013-08-29	2013-08-29
2013-10-05	2013-10-05
2013-10-15	2013-10-15
2013-11-05	2013-11-05

2013-11-10	2013-11-10
2013-12-02	2013-12-02
2013-12-03	2013-12-03
2013-12-20	2013-12-20
2013-12-25	2013-12-25
2014-01-05	2014-01-05
2014-01-15	2014-01-15
2014-01-16	2014-01-16
2014-02-01	2014-02-01
2014-02-02	2014-02-02
2014-02-04	2014-02-04
2014-02-05	2014-02-05
2014-02-06	2014-02-06
2014-02-08	2014-02-08
2014-02-15	2014-02-15
2014-02-19	2014-02-19
2014-02-21	2014-02-21
2014-02-25	2014-02-25
2014-03-10	2014-03-10
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
2014-04-10	2014-04-10
2014-04-14	2014-04-14
2014-04-15	2014-04-15
2014-04-23	2014-04-23
2014-05-05	2014-05-05
2014-05-12	2014-05-12
2014-05-14	2014-05-14
2014-05-16	2014-05-16
2014-05-18	2014-05-18
2014-05-19	2014-05-19
2014-07-04	2014-07-04
2015-01-05	2015-01-05
2015-08-04	2015-08-04

2015-08-12	2015-08-12
2015-08-15	2015-08-15
2015-08-25	2015-08-25
2015-09-01	2015-09-01
2015-09-08	2015-09-08
2015-09-10	2015-09-10
2015-09-15	2015-09-15
2015-09-16	2015-09-16
2015-09-19	2015-09-19
2015-09-20	2015-09-20
2015-09-25	2015-09-25
2015-09-28	2015-09-28
2015-09-30	2015-09-30
2015-10-01	2015-10-01
2015-10-05	2015-10-05
2015-10-08	2015-10-08
2015-10-10	2015-10-10
2015-10-11	2015-10-11
2015-10-15	2015-10-15
2015-10-17	2015-10-17
2015-10-20	2015-10-20
2015-10-23	2015-10-23
2015-10-25	2015-10-25
2015-10-28	2015-10-28
2015-10-29	2015-10-29
2015-10-30	2015-10-30
2015-11-01	2015-11-01
2015-11-05	2015-11-05
2015-11-07	2015-11-07
2015-11-08	2015-11-08
2015-11-10	2015-11-10
2015-11-16	2015-11-16
2015-11-20	2015-11-20
2015-11-27	2015-11-27
2015-11-28	2015-11-28
2015-11-30	2015-11-30
2015-12-02	2015-12-02
2015-12-03	2015-12-03
2015-12-06	2015-12-06

2015-12-08	2015-12-08
2015-12-10	2015-12-10
2015-12-11	2015-12-11
2015-12-17	2015-12-17
2015-12-30	2015-12-30
2016-01-02	2016-01-02
2016-01-04	2016-01-04
2016-01-08	2016-01-08
2016-01-10	2016-01-10
2016-01-19	2016-01-19
2016-01-25	2016-01-25
2016-02-23	2016-02-23
2016-02-25	2016-02-25
2016-09-01	2016-09-01
2016-09-08	2016-09-08
2016-09-10	2016-09-10
2016-09-11	2016-09-11
2016-09-14	2016-09-14
2016-09-15	2016-09-15
2016-09-28	2016-09-28
2016-09-29	2016-09-29
2016-09-30	2016-09-30
2016-10-01	2016-10-01
2016-10-02	2016-10-02
2016-10-03	2016-10-03
2016-10-04	2016-10-04
2016-10-05	2016-10-05
2016-10-06	2016-10-06
2016-10-07	2016-10-07
2016-10-10	2016-10-10
2016-10-13	2016-10-13
2016-10-15	2016-10-15
2016-10-16	2016-10-16
2016-10-18	2016-10-18
2016-10-20	2016-10-20
2016-10-23	2016-10-23
2016-10-24	2016-10-24
2016-10-25	2016-10-25
2016-10-26	2016-10-26

2016-10-27	2016-10-27
2016-10-29	2016-10-29
2016-10-30	2016-10-30
2016-11-05	2016-11-05
2016-11-10	2016-11-10
2016-11-15	2016-11-15
2016-11-16	2016-11-16
2016-11-17	2016-11-17
2016-11-19	2016-11-19
2016-11-20	2016-11-20
2016-11-25	2016-11-25
2016-11-27	2016-11-27
2016-11-30	2016-11-30
2016-12-01	2016-12-01
2016-12-02	2016-12-02
2016-12-12	2016-12-12
2016-12-15	2016-12-15
2016-12-25	2016-12-25
2016-12-30	2016-12-30
2016-12-31	2016-12-31
2017-01-01	2017-01-01
2017-01-04	2017-01-04
2017-01-05	2017-01-05
2017-01-15	2017-01-15
2017-01-20	2017-01-20
2017-07-13	2017-07-13
2017-08-10	2017-08-10
2017-08-16	2017-08-16
2017-08-20	2017-08-20
2017-08-25	2017-08-25
2017-09-01	2017-09-01
2017-09-04	2017-09-04
2017-09-05	2017-09-05
2017-09-07	2017-09-07
2017-09-08	2017-09-08
2017-09-10	2017-09-10
2017-09-12	2017-09-12
2017-09-20	2017-09-20
2017-09-27	2017-09-27

2017-10-02	2017-10-02
2017-10-05	2017-10-05
2017-10-07	2017-10-07
2017-10-10	2017-10-10
2017-10-13	2017-10-13
2017-10-15	2017-10-15
2017-10-16	2017-10-16
2017-10-17	2017-10-17
2017-10-20	2017-10-20
2017-10-25	2017-10-25
2017-10-28	2017-10-28
2017-11-05	2017-11-05
2017-11-07	2017-11-07
2017-11-08	2017-11-08
2017-11-10	2017-11-10
2017-11-15	2017-11-15
2017-11-20	2017-11-20
2017-11-21	2017-11-21
2017-11-25	2017-11-25
2017-12-02	2017-12-02
2017-12-03	2017-12-03
2017-12-05	2017-12-05
2017-12-10	2017-12-10
2017-12-12	2017-12-12
2017-12-20	2017-12-20
2017-12-30	2017-12-30
2018-01-02	2018-01-02
2018-01-04	2018-01-04
2018-01-11	2018-01-11
2018-01-15	2018-01-15
2018-01-23	2018-01-23
2018-02-03	2018-02-03
2018-02-21	2018-02-21
2018-03-10	2018-03-10
2018-03-25	2018-03-25
2018-06-05	2018-06-05
2018-06-15	2018-06-15
2018-07-15	2018-07-15
2018-07-16	2018-07-16

2018-08-19	2018-08-19
2018-08-25	2018-08-25
2018-09-01	2018-09-01
2018-09-05	2018-09-05
2018-09-10	2018-09-10
2018-09-18	2018-09-18
2018-09-20	2018-09-20
2018-09-21	2018-09-21
2018-09-22	2018-09-22
2018-09-25	2018-09-25
2018-09-30	2018-09-30
2018-10-02	2018-10-02
2018-10-03	2018-10-03
2018-10-05	2018-10-05
2018-10-10	2018-10-10
2018-10-15	2018-10-15
2018-10-18	2018-10-18
2018-10-20	2018-10-20
2018-10-25	2018-10-25
2018-10-26	2018-10-26
2018-10-30	2018-10-30
2018-11-02	2018-11-02
2018-11-03	2018-11-03
2018-11-05	2018-11-05
2018-11-06	2018-11-06
2018-11-07	2018-11-07
2018-11-08	2018-11-08
2018-11-10	2018-11-10
2018-11-14	2018-11-14
2018-11-15	2018-11-15
2018-11-18	2018-11-18
2018-11-20	2018-11-20
2018-11-21	2018-11-21
2018-11-22	2018-11-22
2018-11-25	2018-11-25
2018-11-27	2018-11-27
2018-11-28	2018-11-28
2018-12-02	2018-12-02
2018-12-03	2018-12-03

2018-12-10	2018-12-10
2018-12-15	2018-12-15
2018-12-19	2018-12-19
2018-12-20	2018-12-20
2018-12-24	2018-12-24
2018-12-25	2018-12-25

### 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: 2 - 44.5 Format: Numeric

### Q7014A: Q7014.A. Do you cultivate rice in a drought prone environment?

Data file: Global\_farm\_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

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

Data file: Global\_farm\_data

#### Overview

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

#### Questions and instructions

##### CATEGORIES

Value	Category
2013-04-25	2013-04-25

2013-09-04	2013-09-04
2013-10-25	2013-10-25
2013-11-05	2013-11-05
2013-11-25	2013-11-25
2013-11-30	2013-11-30
2013-12-14	2013-12-14
2013-12-15	2013-12-15
2014-01-10	2014-01-10
2014-01-15	2014-01-15
2014-02-10	2014-02-10
2014-02-11	2014-02-11
2014-02-14	2014-02-14
2014-02-16	2014-02-16
2014-02-20	2014-02-20
2014-02-24	2014-02-24
2014-02-25	2014-02-25
2014-02-26	2014-02-26
2014-02-28	2014-02-28
2014-03-15	2014-03-15
2014-03-16	2014-03-16
2014-03-21	2014-03-21
2014-03-22	2014-03-22
2014-03-28	2014-03-28
2014-03-30	2014-03-30
2014-04-01	2014-04-01
2014-04-08	2014-04-08
2014-04-10	2014-04-10
2014-04-15	2014-04-15
2014-04-27	2014-04-27
2014-05-07	2014-05-07
2014-05-12	2014-05-12
2014-05-13	2014-05-13
2014-05-15	2014-05-15
2014-05-17	2014-05-17
2014-05-19	2014-05-19
2014-05-23	2014-05-23
2014-05-25	2014-05-25
2014-07-05	2014-07-05
2015-08-06	2015-08-06

2015-08-22	2015-08-22
2015-09-05	2015-09-05
2015-09-06	2015-09-06
2015-09-15	2015-09-15
2015-09-20	2015-09-20
2015-09-21	2015-09-21
2015-09-26	2015-09-26
2015-09-27	2015-09-27
2015-09-29	2015-09-29
2015-10-02	2015-10-02
2015-10-03	2015-10-03
2015-10-05	2015-10-05
2015-10-06	2015-10-06
2015-10-07	2015-10-07
2015-10-08	2015-10-08
2015-10-09	2015-10-09
2015-10-10	2015-10-10
2015-10-11	2015-10-11
2015-10-17	2015-10-17
2015-10-20	2015-10-20
2015-10-24	2015-10-24
2015-10-27	2015-10-27
2015-11-01	2015-11-01
2015-11-02	2015-11-02
2015-11-03	2015-11-03
2015-11-05	2015-11-05
2015-11-08	2015-11-08
2015-11-10	2015-11-10
2015-11-12	2015-11-12
2015-11-13	2015-11-13
2015-11-15	2015-11-15
2015-11-16	2015-11-16
2015-11-17	2015-11-17
2015-11-18	2015-11-18
2015-11-20	2015-11-20
2015-11-25	2015-11-25
2015-11-27	2015-11-27
2015-11-28	2015-11-28
2015-11-29	2015-11-29

2015-12-01	2015-12-01
2015-12-02	2015-12-02
2015-12-04	2015-12-04
2015-12-06	2015-12-06
2015-12-07	2015-12-07
2015-12-10	2015-12-10
2015-12-15	2015-12-15
2015-12-17	2015-12-17
2015-12-20	2015-12-20
2015-12-25	2015-12-25
2016-01-07	2016-01-07
2016-01-08	2016-01-08
2016-01-17	2016-01-17
2016-01-20	2016-01-20
2016-02-03	2016-02-03
2016-02-05	2016-02-05
2016-02-25	2016-02-25
2016-09-16	2016-09-16
2016-09-23	2016-09-23
2016-09-24	2016-09-24
2016-09-25	2016-09-25
2016-09-30	2016-09-30
2016-10-02	2016-10-02
2016-10-05	2016-10-05
2016-10-06	2016-10-06
2016-10-07	2016-10-07
2016-10-08	2016-10-08
2016-10-10	2016-10-10
2016-10-14	2016-10-14
2016-10-15	2016-10-15
2016-10-16	2016-10-16
2016-10-17	2016-10-17
2016-10-18	2016-10-18
2016-10-20	2016-10-20
2016-10-22	2016-10-22
2016-10-23	2016-10-23
2016-10-24	2016-10-24
2016-10-25	2016-10-25
2016-10-26	2016-10-26

2016-10-27	2016-10-27
2016-10-28	2016-10-28
2016-10-29	2016-10-29
2016-10-30	2016-10-30
2016-11-03	2016-11-03
2016-11-07	2016-11-07
2016-11-12	2016-11-12
2016-11-15	2016-11-15
2016-11-16	2016-11-16
2016-11-17	2016-11-17
2016-11-20	2016-11-20
2016-11-22	2016-11-22
2016-11-25	2016-11-25
2016-11-26	2016-11-26
2016-11-30	2016-11-30
2016-12-01	2016-12-01
2016-12-02	2016-12-02
2016-12-05	2016-12-05
2016-12-06	2016-12-06
2016-12-07	2016-12-07
2016-12-09	2016-12-09
2016-12-10	2016-12-10
2016-12-15	2016-12-15
2016-12-20	2016-12-20
2016-12-24	2016-12-24
2017-01-03	2017-01-03
2017-01-05	2017-01-05
2017-01-07	2017-01-07
2017-01-15	2017-01-15
2017-01-20	2017-01-20
2017-01-22	2017-01-22
2017-01-24	2017-01-24
2017-01-25	2017-01-25
2017-01-26	2017-01-26
2017-01-27	2017-01-27
2017-01-28	2017-01-28
2017-01-30	2017-01-30
2017-08-31	2017-08-31
2017-09-01	2017-09-01

2017-09-05	2017-09-05
2017-09-09	2017-09-09
2017-09-12	2017-09-12
2017-09-15	2017-09-15
2017-09-17	2017-09-17
2017-09-18	2017-09-18
2017-09-23	2017-09-23
2017-09-25	2017-09-25
2017-09-28	2017-09-28
2017-09-29	2017-09-29
2017-10-02	2017-10-02
2017-10-07	2017-10-07
2017-10-10	2017-10-10
2017-10-14	2017-10-14
2017-10-15	2017-10-15
2017-10-18	2017-10-18
2017-10-20	2017-10-20
2017-10-25	2017-10-25
2017-10-26	2017-10-26
2017-10-29	2017-10-29
2017-11-01	2017-11-01
2017-11-02	2017-11-02
2017-11-05	2017-11-05
2017-11-07	2017-11-07
2017-11-09	2017-11-09
2017-11-10	2017-11-10
2017-11-14	2017-11-14
2017-11-15	2017-11-15
2017-11-17	2017-11-17
2017-11-20	2017-11-20
2017-11-21	2017-11-21
2017-11-24	2017-11-24
2017-11-25	2017-11-25
2017-11-27	2017-11-27
2017-11-28	2017-11-28
2017-11-29	2017-11-29
2017-11-30	2017-11-30
2017-12-05	2017-12-05
2017-12-07	2017-12-07

2017-12-10	2017-12-10
2017-12-13	2017-12-13
2017-12-15	2017-12-15
2017-12-20	2017-12-20
2017-12-22	2017-12-22
2017-12-24	2017-12-24
2017-12-25	2017-12-25
2017-12-30	2017-12-30
2018-03-25	2018-03-25
2018-06-10	2018-06-10
2018-06-20	2018-06-20
2018-09-03	2018-09-03
2018-09-05	2018-09-05
2018-09-10	2018-09-10
2018-09-21	2018-09-21
2018-09-23	2018-09-23
2018-09-24	2018-09-24
2018-09-25	2018-09-25
2018-09-30	2018-09-30
2018-10-03	2018-10-03
2018-10-10	2018-10-10
2018-10-11	2018-10-11
2018-10-12	2018-10-12
2018-10-15	2018-10-15
2018-10-16	2018-10-16
2018-10-20	2018-10-20
2018-10-21	2018-10-21
2018-10-25	2018-10-25
2018-10-30	2018-10-30
2018-11-01	2018-11-01
2018-11-02	2018-11-02
2018-11-04	2018-11-04
2018-11-05	2018-11-05
2018-11-07	2018-11-07
2018-11-09	2018-11-09
2018-11-12	2018-11-12
2018-11-13	2018-11-13
2018-11-15	2018-11-15
2018-11-21	2018-11-21

2018-11-25	2018-11-25
2018-11-27	2018-11-27
2018-11-30	2018-11-30
2018-12-01	2018-12-01
2018-12-02	2018-12-02
2018-12-03	2018-12-03
2018-12-05	2018-12-05
2018-12-09	2018-12-09
2018-12-10	2018-12-10
2018-12-12	2018-12-12
2018-12-15	2018-12-15
2018-12-16	2018-12-16
2018-12-31	2018-12-31
2019-01-02	2019-01-02
2019-01-05	2019-01-05
2019-01-09	2019-01-09
2019-01-13	2019-01-13
2019-01-16	2019-01-16
2019-01-18	2019-01-18
2019-12-10	2019-12-10

## 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

## Q197: Q197. What is the year of planting for growing area A for ?

Data file: Global\_farm\_data

## Overview

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

## Questions and instructions

---

### CATEGORIES

Value	Category
1980	1980
1982	1982
1984	1984
1985	1985
1986	1986
1992	1992
1994	1994
1998	1998
2009	2009
2010	2010
2011	2011
2012	2012

---

## Q183: Q183. Do you prune growing area A for ?

Data file: Global\_farm\_data

## Overview

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

## Questions and instructions

---

### CATEGORIES

Value	Category
1	yes

---

## Q4062A: Q4062. When did the pruning period of the trees start for growing area A for ?

Data file: Global\_farm\_data

## Overview

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

## Questions and instructions

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### CATEGORIES

<b>Value</b>	<b>Category</b>
2015-03-06	2015-03-06
2015-04-03	2015-04-03
2015-04-15	2015-04-15
2015-05-06	2015-05-06
2015-06-01	2015-06-01
2015-06-03	2015-06-03
2015-06-15	2015-06-15
2015-06-20	2015-06-20
2015-06-21	2015-06-21
2015-08-09	2015-08-09
2015-08-13	2015-08-13
2015-08-29	2015-08-29
2015-09-05	2015-09-05
2015-09-08	2015-09-08
2015-09-10	2015-09-10
2015-09-15	2015-09-15
2015-09-17	2015-09-17
2015-10-08	2015-10-08
2015-10-11	2015-10-11
2015-10-12	2015-10-12
2015-10-15	2015-10-15
2015-10-17	2015-10-17
2015-10-20	2015-10-20
2015-10-24	2015-10-24
2015-10-25	2015-10-25
2015-11-02	2015-11-02
2015-11-27	2015-11-27

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### Q4062B: Q4062. When did the pruning period of the trees start for growing area A for ?

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

---

### CATEGORIES

<b>Value</b>	<b>Category</b>
2015-08-12	2015-08-12
2015-08-15	2015-08-15
2015-08-28	2015-08-28
2015-09-08	2015-09-08
2015-09-13	2015-09-13
2015-09-14	2015-09-14
2015-09-15	2015-09-15
2015-09-18	2015-09-18
2015-09-22	2015-09-22
2015-09-25	2015-09-25
2015-10-14	2015-10-14
2015-10-15	2015-10-15
2015-10-17	2015-10-17
2015-10-19	2015-10-19
2015-10-20	2015-10-20
2015-10-24	2015-10-24
2015-10-25	2015-10-25
2015-10-30	2015-10-30
2015-11-07	2015-11-07
2015-11-15	2015-11-15
2015-11-24	2015-11-24
2015-11-25	2015-11-25
2015-12-05	2015-12-05
2015-12-15	2015-12-15
2015-12-20	2015-12-20
2015-12-22	2015-12-22
2015-12-28	2015-12-28
2015-12-30	2015-12-30

---

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

Data file: Global\_farm\_data

#### Overview

Valid: 0    Invalid: 0

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

## Questions and instructions

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### 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**

<b>Value</b>	<b>Category</b>
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**

<b>Value</b>	<b>Category</b>
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**

<b>Value</b>	<b>Category</b>
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 - 4 Format: Numeric

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

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

**Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 10 Range: 0 - 4 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 - 11 Format: Numeric

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

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

**Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 10 Range: 3 - 625 Format: Numeric

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

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

**Overview**

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

**Q243A: Q243. When was the harvest period for ?**

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

**Overview**

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

**Questions and instructions**

CATEGORIES

Value	Category
2013-12-14	2013-12-14
2014-02-05	2014-02-05
2014-02-10	2014-02-10
2014-02-27	2014-02-27
2014-03-02	2014-03-02

2014-03-03	2014-03-03
2014-03-07	2014-03-07
2014-04-01	2014-04-01
2014-04-02	2014-04-02
2014-04-05	2014-04-05
2014-04-10	2014-04-10
2014-04-15	2014-04-15
2014-04-25	2014-04-25
2014-05-07	2014-05-07
2014-05-09	2014-05-09
2014-05-15	2014-05-15
2014-05-16	2014-05-16
2014-05-17	2014-05-17
2014-05-24	2014-05-24
2014-05-25	2014-05-25
2014-05-27	2014-05-27
2014-05-28	2014-05-28
2014-06-01	2014-06-01
2014-06-03	2014-06-03
2014-06-04	2014-06-04
2014-06-05	2014-06-05
2014-06-15	2014-06-15
2014-07-01	2014-07-01
2014-07-02	2014-07-02
2014-07-04	2014-07-04
2014-07-05	2014-07-05
2014-07-06	2014-07-06
2014-07-10	2014-07-10
2014-07-15	2014-07-15
2014-07-22	2014-07-22
2014-07-25	2014-07-25
2014-07-28	2014-07-28
2014-08-01	2014-08-01
2014-08-09	2014-08-09
2014-08-11	2014-08-11
2014-08-13	2014-08-13
2014-08-14	2014-08-14
2014-08-15	2014-08-15
2014-08-19	2014-08-19

2014-08-30	2014-08-30
2014-09-04	2014-09-04
2014-10-19	2014-10-19
2015-11-18	2015-11-18
2015-12-03	2015-12-03
2015-12-08	2015-12-08
2015-12-10	2015-12-10
2015-12-17	2015-12-17
2015-12-21	2015-12-21
2015-12-24	2015-12-24
2015-12-27	2015-12-27
2015-12-28	2015-12-28
2015-12-30	2015-12-30
2016-01-01	2016-01-01
2016-01-02	2016-01-02
2016-01-04	2016-01-04
2016-01-05	2016-01-05
2016-01-11	2016-01-11
2016-01-13	2016-01-13
2016-01-14	2016-01-14
2016-01-15	2016-01-15
2016-01-17	2016-01-17
2016-01-19	2016-01-19
2016-01-20	2016-01-20
2016-01-29	2016-01-29
2016-01-30	2016-01-30
2016-01-31	2016-01-31
2016-02-05	2016-02-05
2016-02-07	2016-02-07
2016-02-10	2016-02-10
2016-02-11	2016-02-11
2016-02-12	2016-02-12
2016-02-13	2016-02-13
2016-02-14	2016-02-14
2016-02-15	2016-02-15
2016-02-17	2016-02-17
2016-02-18	2016-02-18
2016-02-23	2016-02-23
2016-02-25	2016-02-25

2016-02-27	2016-02-27
2016-03-04	2016-03-04
2016-03-05	2016-03-05
2016-03-08	2016-03-08
2016-03-10	2016-03-10
2016-03-11	2016-03-11
2016-03-15	2016-03-15
2016-03-16	2016-03-16
2016-03-17	2016-03-17
2016-03-18	2016-03-18
2016-03-20	2016-03-20
2016-03-23	2016-03-23
2016-03-24	2016-03-24
2016-03-25	2016-03-25
2016-03-26	2016-03-26
2016-03-29	2016-03-29
2016-03-30	2016-03-30
2016-03-31	2016-03-31
2016-04-03	2016-04-03
2016-04-04	2016-04-04
2016-04-05	2016-04-05
2016-04-08	2016-04-08
2016-04-10	2016-04-10
2016-04-12	2016-04-12
2016-04-15	2016-04-15
2016-04-17	2016-04-17
2016-04-20	2016-04-20
2016-04-23	2016-04-23
2016-04-25	2016-04-25
2016-05-10	2016-05-10
2017-01-01	2017-01-01
2017-01-04	2017-01-04
2017-01-06	2017-01-06
2017-01-08	2017-01-08
2017-01-10	2017-01-10
2017-01-12	2017-01-12
2017-01-15	2017-01-15
2017-01-16	2017-01-16
2017-01-17	2017-01-17

2017-01-20	2017-01-20
2017-01-22	2017-01-22
2017-01-23	2017-01-23
2017-01-25	2017-01-25
2017-01-26	2017-01-26
2017-01-27	2017-01-27
2017-01-28	2017-01-28
2017-01-30	2017-01-30
2017-02-05	2017-02-05
2017-02-10	2017-02-10
2017-02-11	2017-02-11
2017-02-12	2017-02-12
2017-02-15	2017-02-15
2017-02-17	2017-02-17
2017-02-18	2017-02-18
2017-02-19	2017-02-19
2017-02-20	2017-02-20
2017-02-21	2017-02-21
2017-02-23	2017-02-23
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
2017-03-04	2017-03-04
2017-03-05	2017-03-05
2017-03-06	2017-03-06
2017-03-07	2017-03-07
2017-03-10	2017-03-10
2017-03-12	2017-03-12
2017-03-13	2017-03-13
2017-03-15	2017-03-15
2017-03-20	2017-03-20
2017-03-22	2017-03-22
2017-03-25	2017-03-25
2017-03-27	2017-03-27
2017-03-28	2017-03-28
2017-03-29	2017-03-29
2017-03-30	2017-03-30

2017-04-02	2017-04-02
2017-04-10	2017-04-10
2017-04-12	2017-04-12
2017-04-15	2017-04-15
2017-04-25	2017-04-25
2017-04-27	2017-04-27
2017-04-28	2017-04-28
2017-05-12	2017-05-12
2017-05-13	2017-05-13
2017-05-14	2017-05-14
2017-05-15	2017-05-15
2017-10-15	2017-10-15
2017-12-27	2017-12-27
2017-12-29	2017-12-29
2018-01-01	2018-01-01
2018-01-03	2018-01-03
2018-01-05	2018-01-05
2018-01-08	2018-01-08
2018-01-10	2018-01-10
2018-01-12	2018-01-12
2018-01-15	2018-01-15
2018-01-17	2018-01-17
2018-01-19	2018-01-19
2018-01-22	2018-01-22
2018-01-24	2018-01-24
2018-01-25	2018-01-25
2018-01-28	2018-01-28
2018-01-30	2018-01-30
2018-02-02	2018-02-02
2018-02-05	2018-02-05
2018-02-10	2018-02-10
2018-02-15	2018-02-15
2018-02-18	2018-02-18
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
2018-03-01	2018-03-01

2018-03-02	2018-03-02
2018-03-10	2018-03-10
2018-03-11	2018-03-11
2018-03-13	2018-03-13
2018-03-15	2018-03-15
2018-03-21	2018-03-21
2018-03-28	2018-03-28
2018-03-30	2018-03-30
2018-04-10	2018-04-10
2018-04-18	2018-04-18
2018-04-19	2018-04-19
2018-04-20	2018-04-20
2018-04-21	2018-04-21
2018-04-24	2018-04-24
2018-04-25	2018-04-25
2018-04-26	2018-04-26
2018-04-28	2018-04-28
2018-04-29	2018-04-29
2018-04-30	2018-04-30
2018-07-17	2018-07-17
2018-07-25	2018-07-25
2018-10-02	2018-10-02
2018-10-15	2018-10-15
2018-11-20	2018-11-20
2018-12-15	2018-12-15
2019-01-01	2019-01-01
2019-01-05	2019-01-05
2019-01-06	2019-01-06
2019-01-10	2019-01-10
2019-01-12	2019-01-12
2019-01-15	2019-01-15
2019-01-20	2019-01-20
2019-01-21	2019-01-21
2019-01-25	2019-01-25
2019-01-30	2019-01-30
2019-02-10	2019-02-10
2019-02-12	2019-02-12
2019-02-14	2019-02-14
2019-02-15	2019-02-15

2019-02-22	2019-02-22
2019-02-25	2019-02-25
2019-02-26	2019-02-26
2019-02-27	2019-02-27
2019-02-28	2019-02-28
2019-03-01	2019-03-01
2019-03-02	2019-03-02
2019-03-04	2019-03-04
2019-03-05	2019-03-05
2019-03-06	2019-03-06
2019-03-10	2019-03-10
2019-03-15	2019-03-15
2019-03-27	2019-03-27
2019-03-29	2019-03-29
2019-03-30	2019-03-30
2019-04-01	2019-04-01
2019-04-05	2019-04-05
2019-04-07	2019-04-07
2019-04-10	2019-04-10
2019-04-15	2019-04-15
2019-04-16	2019-04-16
2019-04-24	2019-04-24
2019-04-25	2019-04-25

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

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

Value	Category
2013-09-22	2013-09-22
2013-12-17	2013-12-17
2013-12-19	2013-12-19
2014-02-10	2014-02-10

2014-02-15	2014-02-15
2014-02-28	2014-02-28
2014-03-10	2014-03-10
2014-03-20	2014-03-20
2014-03-24	2014-03-24
2014-04-01	2014-04-01
2014-04-02	2014-04-02
2014-04-07	2014-04-07
2014-04-13	2014-04-13
2014-04-18	2014-04-18
2014-04-25	2014-04-25
2014-05-08	2014-05-08
2014-05-10	2014-05-10
2014-05-15	2014-05-15
2014-05-16	2014-05-16
2014-05-17	2014-05-17
2014-05-19	2014-05-19
2014-05-25	2014-05-25
2014-05-27	2014-05-27
2014-05-28	2014-05-28
2014-06-01	2014-06-01
2014-06-05	2014-06-05
2014-06-07	2014-06-07
2014-06-08	2014-06-08
2014-06-16	2014-06-16
2014-06-22	2014-06-22
2014-07-01	2014-07-01
2014-07-03	2014-07-03
2014-07-04	2014-07-04
2014-07-06	2014-07-06
2014-07-15	2014-07-15
2014-07-20	2014-07-20
2014-07-25	2014-07-25
2014-07-28	2014-07-28
2014-07-30	2014-07-30
2014-08-07	2014-08-07
2014-08-10	2014-08-10
2014-08-11	2014-08-11
2014-08-13	2014-08-13

2014-08-15	2014-08-15
2014-08-18	2014-08-18
2014-08-19	2014-08-19
2014-08-25	2014-08-25
2014-08-30	2014-08-30
2014-08-31	2014-08-31
2014-09-19	2014-09-19
2014-10-19	2014-10-19
2015-07-03	2015-07-03
2015-11-20	2015-11-20
2015-12-03	2015-12-03
2015-12-08	2015-12-08
2015-12-10	2015-12-10
2015-12-20	2015-12-20
2015-12-21	2015-12-21
2015-12-25	2015-12-25
2015-12-27	2015-12-27
2015-12-28	2015-12-28
2016-01-02	2016-01-02
2016-01-05	2016-01-05
2016-01-11	2016-01-11
2016-01-14	2016-01-14
2016-01-15	2016-01-15
2016-01-17	2016-01-17
2016-01-19	2016-01-19
2016-01-20	2016-01-20
2016-01-21	2016-01-21
2016-01-30	2016-01-30
2016-01-31	2016-01-31
2016-02-05	2016-02-05
2016-02-07	2016-02-07
2016-02-10	2016-02-10
2016-02-11	2016-02-11
2016-02-12	2016-02-12
2016-02-13	2016-02-13
2016-02-15	2016-02-15
2016-02-18	2016-02-18
2016-02-23	2016-02-23
2016-02-25	2016-02-25

2016-02-27	2016-02-27
2016-03-05	2016-03-05
2016-03-08	2016-03-08
2016-03-10	2016-03-10
2016-03-11	2016-03-11
2016-03-15	2016-03-15
2016-03-16	2016-03-16
2016-03-18	2016-03-18
2016-03-20	2016-03-20
2016-03-24	2016-03-24
2016-03-25	2016-03-25
2016-03-26	2016-03-26
2016-03-29	2016-03-29
2016-03-30	2016-03-30
2016-03-31	2016-03-31
2016-04-05	2016-04-05
2016-04-08	2016-04-08
2016-04-15	2016-04-15
2016-04-17	2016-04-17
2016-04-20	2016-04-20
2016-04-22	2016-04-22
2016-04-25	2016-04-25
2016-04-30	2016-04-30
2016-05-12	2016-05-12
2017-01-01	2017-01-01
2017-01-04	2017-01-04
2017-01-06	2017-01-06
2017-01-09	2017-01-09
2017-01-10	2017-01-10
2017-01-12	2017-01-12
2017-01-15	2017-01-15
2017-01-16	2017-01-16
2017-01-17	2017-01-17
2017-01-18	2017-01-18
2017-01-20	2017-01-20
2017-01-22	2017-01-22
2017-01-24	2017-01-24
2017-01-26	2017-01-26
2017-01-27	2017-01-27

2017-01-28	2017-01-28
2017-01-29	2017-01-29
2017-01-30	2017-01-30
2017-01-31	2017-01-31
2017-02-05	2017-02-05
2017-02-08	2017-02-08
2017-02-10	2017-02-10
2017-02-12	2017-02-12
2017-02-15	2017-02-15
2017-02-17	2017-02-17
2017-02-18	2017-02-18
2017-02-20	2017-02-20
2017-02-21	2017-02-21
2017-02-22	2017-02-22
2017-02-23	2017-02-23
2017-02-26	2017-02-26
2017-02-27	2017-02-27
2017-02-28	2017-02-28
2017-03-01	2017-03-01
2017-03-04	2017-03-04
2017-03-05	2017-03-05
2017-03-07	2017-03-07
2017-03-09	2017-03-09
2017-03-10	2017-03-10
2017-03-12	2017-03-12
2017-03-13	2017-03-13
2017-03-15	2017-03-15
2017-03-18	2017-03-18
2017-03-20	2017-03-20
2017-03-22	2017-03-22
2017-03-25	2017-03-25
2017-03-29	2017-03-29
2017-03-30	2017-03-30
2017-04-01	2017-04-01
2017-04-02	2017-04-02
2017-04-10	2017-04-10
2017-04-11	2017-04-11
2017-04-12	2017-04-12
2017-04-14	2017-04-14

2017-04-17	2017-04-17
2017-04-25	2017-04-25
2017-04-27	2017-04-27
2017-05-01	2017-05-01
2017-05-12	2017-05-12
2017-05-13	2017-05-13
2017-05-14	2017-05-14
2017-05-15	2017-05-15
2017-05-29	2017-05-29
2017-12-27	2017-12-27
2017-12-30	2017-12-30
2018-01-03	2018-01-03
2018-01-05	2018-01-05
2018-01-06	2018-01-06
2018-01-08	2018-01-08
2018-01-10	2018-01-10
2018-01-12	2018-01-12
2018-01-13	2018-01-13
2018-01-15	2018-01-15
2018-01-17	2018-01-17
2018-01-19	2018-01-19
2018-01-20	2018-01-20
2018-01-22	2018-01-22
2018-01-25	2018-01-25
2018-01-28	2018-01-28
2018-01-30	2018-01-30
2018-01-31	2018-01-31
2018-02-02	2018-02-02
2018-02-03	2018-02-03
2018-02-05	2018-02-05
2018-02-06	2018-02-06
2018-02-11	2018-02-11
2018-02-16	2018-02-16
2018-02-20	2018-02-20
2018-02-22	2018-02-22
2018-02-26	2018-02-26
2018-02-27	2018-02-27
2018-02-28	2018-02-28
2018-03-02	2018-03-02

2018-03-03	2018-03-03
2018-03-10	2018-03-10
2018-03-12	2018-03-12
2018-03-15	2018-03-15
2018-03-20	2018-03-20
2018-03-21	2018-03-21
2018-03-23	2018-03-23
2018-03-30	2018-03-30
2018-04-02	2018-04-02
2018-04-10	2018-04-10
2018-04-19	2018-04-19
2018-04-20	2018-04-20
2018-04-25	2018-04-25
2018-04-26	2018-04-26
2018-04-27	2018-04-27
2018-04-28	2018-04-28
2018-04-29	2018-04-29
2018-04-30	2018-04-30
2018-05-01	2018-05-01
2018-07-03	2018-07-03
2018-07-17	2018-07-17
2018-10-10	2018-10-10
2018-11-21	2018-11-21
2018-12-21	2018-12-21
2019-01-03	2019-01-03
2019-01-08	2019-01-08
2019-01-12	2019-01-12
2019-01-15	2019-01-15
2019-01-21	2019-01-21
2019-01-22	2019-01-22
2019-01-27	2019-01-27
2019-01-28	2019-01-28
2019-01-30	2019-01-30
2019-02-12	2019-02-12
2019-02-13	2019-02-13
2019-02-14	2019-02-14
2019-02-15	2019-02-15
2019-02-16	2019-02-16
2019-02-20	2019-02-20

2019-02-26	2019-02-26
2019-02-27	2019-02-27
2019-02-28	2019-02-28
2019-03-01	2019-03-01
2019-03-02	2019-03-02
2019-03-06	2019-03-06
2019-03-07	2019-03-07
2019-03-09	2019-03-09
2019-03-12	2019-03-12
2019-03-15	2019-03-15
2019-03-16	2019-03-16
2019-03-17	2019-03-17
2019-03-20	2019-03-20
2019-03-28	2019-03-28
2019-03-29	2019-03-29
2019-03-30	2019-03-30
2019-04-01	2019-04-01
2019-04-04	2019-04-04
2019-04-05	2019-04-05
2019-04-10	2019-04-10
2019-04-14	2019-04-14
2019-04-17	2019-04-17
2019-04-27	2019-04-27
2019-04-28	2019-04-28
2019-04-29	2019-04-29

### 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: 0.5 - 10 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: 0 - 15 Format: Numeric

**Q274B: Q274. Yield that has been achieved for growing area A for corn in per ? Silage yield****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 10 Range: 0 - 36 Format: Numeric

**Q274C: Q274. Yield that has been achieved for growing area A for corn in per ? Cobs yield****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 10 Range: 8 - 16 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**

<b>Value</b>	<b>Category</b>
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

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### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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### 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

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### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

---

## **Q4094\_OTH3: Q4094.Other specify:: Q4094. Who measured the yield? Multiple response.**

Data file: Global\_farm\_data

### Overview

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

## Questions and instructions

---

### CATEGORIES

Value	Category
Decreased	Decreased
Don't know ????	Don't know ????
Increased	Increased
Remained stable	Remained stable

---

**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**

<b>Value</b>	<b>Category</b>
1	increased
2	decreased
3	remained stable

**Q4095C: Q4095. C. According to you, why has your yield changed as opposed to previous year?****Data file:** Global\_farm\_data**Overview**

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

**Questions and instructions****CATEGORIES**

<b>Value</b>	<b>Category</b>
Somewhat satisfied	Somewhat satisfied
Somewhat unsatisfied	Somewhat unsatisfied
Very satisfied	Very satisfied

**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**

<b>Value</b>	<b>Category</b>

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

**Q201: Q201. When did the first trees reach the flowering stage for growing area A for ?****Data file:** Global\_farm\_data**Overview**

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

**Questions and instructions****CATEGORIES**

Value	Category
2016-01-01	2016-01-01

2016-01-02	2016-01-02
2016-01-03	2016-01-03
2016-01-05	2016-01-05
2016-01-06	2016-01-06
2016-01-08	2016-01-08
2016-01-10	2016-01-10
2016-01-15	2016-01-15
2016-01-25	2016-01-25
2016-02-02	2016-02-02
2016-02-07	2016-02-07
2016-02-09	2016-02-09
2016-02-10	2016-02-10
2016-02-11	2016-02-11
2016-02-13	2016-02-13
2016-02-15	2016-02-15
2016-02-25	2016-02-25
2016-03-15	2016-03-15
2016-03-17	2016-03-17

**Q212: Q212. Rain during flowering damages the flowers. % of the trees damaged for cocoa?****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 2 - 60 Format: Numeric

**Q213: Q213. AVG # of green pods per 25 trees before the green pods become orange for cocoa?****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 250 - 5000 Format: Numeric

**Q204: Q204. Could you please indicate the average number of fruits per tree for ?****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 30 - 200 Format: Numeric

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

Data file: Global\_farm\_data

### Overview

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

### Questions and instructions

#### CATEGORIES

Value	Category
2013-09-15	2013-09-15
2013-12-14	2013-12-14
2014-02-05	2014-02-05
2014-02-10	2014-02-10
2014-02-27	2014-02-27
2014-03-02	2014-03-02
2014-03-03	2014-03-03
2014-03-07	2014-03-07
2014-04-01	2014-04-01
2014-04-02	2014-04-02
2014-04-05	2014-04-05
2014-04-10	2014-04-10
2014-04-15	2014-04-15
2014-04-25	2014-04-25
2014-05-07	2014-05-07
2014-05-09	2014-05-09
2014-05-15	2014-05-15
2014-05-16	2014-05-16
2014-05-17	2014-05-17
2014-05-24	2014-05-24
2014-05-25	2014-05-25
2014-05-27	2014-05-27
2014-05-28	2014-05-28
2014-06-01	2014-06-01
2014-06-03	2014-06-03
2014-06-04	2014-06-04
2014-06-05	2014-06-05
2014-06-15	2014-06-15

2014-07-01	2014-07-01
2014-07-02	2014-07-02
2014-07-04	2014-07-04
2014-07-05	2014-07-05
2014-07-06	2014-07-06
2014-07-10	2014-07-10
2014-07-15	2014-07-15
2014-07-22	2014-07-22
2014-07-25	2014-07-25
2014-07-28	2014-07-28
2014-08-01	2014-08-01
2014-08-09	2014-08-09
2014-08-11	2014-08-11
2014-08-13	2014-08-13
2014-08-14	2014-08-14
2014-08-15	2014-08-15
2014-08-19	2014-08-19
2014-08-30	2014-08-30
2014-09-04	2014-09-04
2014-10-19	2014-10-19
2016-05-02	2016-05-02
2016-05-05	2016-05-05
2016-05-11	2016-05-11
2016-05-25	2016-05-25
2016-05-26	2016-05-26
2016-06-01	2016-06-01
2016-06-03	2016-06-03
2016-06-05	2016-06-05
2016-06-07	2016-06-07
2016-08-02	2016-08-02
2016-08-05	2016-08-05
2016-08-07	2016-08-07
2016-08-08	2016-08-08
2016-08-09	2016-08-09
2016-08-10	2016-08-10
2016-08-12	2016-08-12
2016-08-13	2016-08-13
2016-08-15	2016-08-15
2016-08-17	2016-08-17

2016-08-20

2016-08-20

## Q360B: Q360. When was the harvest period for ?

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

### Overview

Valid: 0 Invalid: 0

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

### Questions and instructions

#### CATEGORIES

Value	Category
2013-09-22	2013-09-22
2013-12-17	2013-12-17
2013-12-19	2013-12-19
2014-02-10	2014-02-10
2014-02-15	2014-02-15
2014-02-28	2014-02-28
2014-03-10	2014-03-10
2014-03-20	2014-03-20
2014-03-24	2014-03-24
2014-04-01	2014-04-01
2014-04-02	2014-04-02
2014-04-07	2014-04-07
2014-04-13	2014-04-13
2014-04-18	2014-04-18
2014-04-25	2014-04-25
2014-05-08	2014-05-08
2014-05-10	2014-05-10
2014-05-15	2014-05-15
2014-05-16	2014-05-16
2014-05-17	2014-05-17
2014-05-19	2014-05-19
2014-05-25	2014-05-25
2014-05-27	2014-05-27
2014-05-28	2014-05-28
2014-06-01	2014-06-01
2014-06-05	2014-06-05

2014-06-07	2014-06-07
2014-06-08	2014-06-08
2014-06-16	2014-06-16
2014-06-22	2014-06-22
2014-07-01	2014-07-01
2014-07-03	2014-07-03
2014-07-04	2014-07-04
2014-07-06	2014-07-06
2014-07-15	2014-07-15
2014-07-20	2014-07-20
2014-07-25	2014-07-25
2014-07-28	2014-07-28
2014-07-30	2014-07-30
2014-08-07	2014-08-07
2014-08-10	2014-08-10
2014-08-11	2014-08-11
2014-08-13	2014-08-13
2014-08-15	2014-08-15
2014-08-18	2014-08-18
2014-08-19	2014-08-19
2014-08-25	2014-08-25
2014-08-30	2014-08-30
2014-08-31	2014-08-31
2014-09-19	2014-09-19
2014-10-19	2014-10-19
2015-07-03	2015-07-03
2016-06-10	2016-06-10
2016-06-13	2016-06-13
2016-06-19	2016-06-19
2016-06-21	2016-06-21
2016-06-27	2016-06-27
2016-07-03	2016-07-03
2016-07-15	2016-07-15
2016-07-25	2016-07-25
2016-08-22	2016-08-22
2016-09-03	2016-09-03
2016-09-05	2016-09-05
2016-09-06	2016-09-06
2016-09-10	2016-09-10

2016-09-12	2016-09-12
2016-09-15	2016-09-15
2016-09-18	2016-09-18
2016-09-19	2016-09-19
2016-09-20	2016-09-20
2016-09-21	2016-09-21
2016-09-22	2016-09-22
2016-09-27	2016-09-27

**Q366: Q366. What is the yield that has been achieved for cocoa in per ?****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 5.5 Format: Numeric

**Q369: Q369. Weight of dried cocoa yield at the end of the post-harvest process (humidity 8%) for cocoa in /?****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 3.8 Format: Numeric

**Q3630: Q3630. What is the percentage fruit losses/damaged for ?.****Data file:** Global\_farm\_data**Overview**

Valid: 0 Invalid: 0

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

**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**

<b>Value</b>	<b>Category</b>
2013-09-15	2013-09-15
2013-12-14	2013-12-14
2014-02-05	2014-02-05
2014-02-10	2014-02-10
2014-02-27	2014-02-27
2014-03-02	2014-03-02
2014-03-03	2014-03-03
2014-03-07	2014-03-07
2014-04-01	2014-04-01
2014-04-02	2014-04-02
2014-04-05	2014-04-05
2014-04-10	2014-04-10
2014-04-15	2014-04-15
2014-04-25	2014-04-25
2014-05-07	2014-05-07
2014-05-09	2014-05-09
2014-05-15	2014-05-15
2014-05-16	2014-05-16
2014-05-17	2014-05-17
2014-05-24	2014-05-24
2014-05-25	2014-05-25
2014-05-27	2014-05-27
2014-05-28	2014-05-28
2014-06-01	2014-06-01
2014-06-03	2014-06-03
2014-06-04	2014-06-04
2014-06-05	2014-06-05
2014-06-15	2014-06-15
2014-07-01	2014-07-01
2014-07-02	2014-07-02
2014-07-04	2014-07-04
2014-07-05	2014-07-05
2014-07-06	2014-07-06
2014-07-10	2014-07-10
2014-07-15	2014-07-15
2014-07-22	2014-07-22
2014-07-25	2014-07-25
2014-07-28	2014-07-28

2014-08-01	2014-08-01
2014-08-09	2014-08-09
2014-08-11	2014-08-11
2014-08-13	2014-08-13
2014-08-14	2014-08-14
2014-08-15	2014-08-15
2014-08-19	2014-08-19
2014-08-30	2014-08-30
2014-09-04	2014-09-04
2014-10-19	2014-10-19

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

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

#### CATEGORIES

Value	Category
2013-09-22	2013-09-22
2013-12-17	2013-12-17
2013-12-19	2013-12-19
2014-02-10	2014-02-10
2014-02-15	2014-02-15
2014-02-28	2014-02-28
2014-03-10	2014-03-10
2014-03-20	2014-03-20
2014-03-24	2014-03-24
2014-04-01	2014-04-01
2014-04-02	2014-04-02
2014-04-07	2014-04-07
2014-04-13	2014-04-13
2014-04-18	2014-04-18
2014-04-25	2014-04-25
2014-05-08	2014-05-08
2014-05-10	2014-05-10

2014-05-15	2014-05-15
2014-05-16	2014-05-16
2014-05-17	2014-05-17
2014-05-19	2014-05-19
2014-05-25	2014-05-25
2014-05-27	2014-05-27
2014-05-28	2014-05-28
2014-06-01	2014-06-01
2014-06-05	2014-06-05
2014-06-07	2014-06-07
2014-06-08	2014-06-08
2014-06-16	2014-06-16
2014-06-22	2014-06-22
2014-07-01	2014-07-01
2014-07-03	2014-07-03
2014-07-04	2014-07-04
2014-07-06	2014-07-06
2014-07-15	2014-07-15
2014-07-20	2014-07-20
2014-07-25	2014-07-25
2014-07-28	2014-07-28
2014-07-30	2014-07-30
2014-08-07	2014-08-07
2014-08-10	2014-08-10
2014-08-11	2014-08-11
2014-08-13	2014-08-13
2014-08-15	2014-08-15
2014-08-18	2014-08-18
2014-08-19	2014-08-19
2014-08-25	2014-08-25
2014-08-30	2014-08-30
2014-08-31	2014-08-31
2014-09-19	2014-09-19
2014-10-19	2014-10-19
2015-07-03	2015-07-03

### 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

<b>Value</b>	<b>Category</b>
2013-09-15	2013-09-15
2013-12-14	2013-12-14
2014-02-05	2014-02-05
2014-02-10	2014-02-10
2014-02-27	2014-02-27
2014-03-02	2014-03-02
2014-03-03	2014-03-03
2014-03-07	2014-03-07
2014-04-01	2014-04-01
2014-04-02	2014-04-02
2014-04-05	2014-04-05
2014-04-10	2014-04-10
2014-04-15	2014-04-15
2014-04-25	2014-04-25
2014-05-07	2014-05-07
2014-05-09	2014-05-09
2014-05-15	2014-05-15
2014-05-16	2014-05-16
2014-05-17	2014-05-17
2014-05-24	2014-05-24
2014-05-25	2014-05-25
2014-05-27	2014-05-27
2014-05-28	2014-05-28
2014-06-01	2014-06-01
2014-06-03	2014-06-03
2014-06-04	2014-06-04
2014-06-05	2014-06-05
2014-06-15	2014-06-15
2014-07-01	2014-07-01
2014-07-02	2014-07-02
2014-07-04	2014-07-04
2014-07-05	2014-07-05

2014-07-06	2014-07-06
2014-07-10	2014-07-10
2014-07-15	2014-07-15
2014-07-22	2014-07-22
2014-07-25	2014-07-25
2014-07-28	2014-07-28
2014-08-01	2014-08-01
2014-08-09	2014-08-09
2014-08-11	2014-08-11
2014-08-13	2014-08-13
2014-08-14	2014-08-14
2014-08-15	2014-08-15
2014-08-19	2014-08-19
2014-08-30	2014-08-30
2014-09-04	2014-09-04
2014-10-19	2014-10-19

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

Data file: Global\_farm\_data

#### Overview

Valid: 0    Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

Value	Category
2013-09-22	2013-09-22
2013-12-17	2013-12-17
2013-12-19	2013-12-19
2014-02-10	2014-02-10
2014-02-15	2014-02-15
2014-02-28	2014-02-28
2014-03-10	2014-03-10
2014-03-20	2014-03-20
2014-03-24	2014-03-24
2014-04-01	2014-04-01
2014-04-02	2014-04-02

2014-04-07	2014-04-07
2014-04-13	2014-04-13
2014-04-18	2014-04-18
2014-04-25	2014-04-25
2014-05-08	2014-05-08
2014-05-10	2014-05-10
2014-05-15	2014-05-15
2014-05-16	2014-05-16
2014-05-17	2014-05-17
2014-05-19	2014-05-19
2014-05-25	2014-05-25
2014-05-27	2014-05-27
2014-05-28	2014-05-28
2014-06-01	2014-06-01
2014-06-05	2014-06-05
2014-06-07	2014-06-07
2014-06-08	2014-06-08
2014-06-16	2014-06-16
2014-06-22	2014-06-22
2014-07-01	2014-07-01
2014-07-03	2014-07-03
2014-07-04	2014-07-04
2014-07-06	2014-07-06
2014-07-15	2014-07-15
2014-07-20	2014-07-20
2014-07-25	2014-07-25
2014-07-28	2014-07-28
2014-07-30	2014-07-30
2014-08-07	2014-08-07
2014-08-10	2014-08-10
2014-08-11	2014-08-11
2014-08-13	2014-08-13
2014-08-15	2014-08-15
2014-08-18	2014-08-18
2014-08-19	2014-08-19
2014-08-25	2014-08-25
2014-08-30	2014-08-30
2014-08-31	2014-08-31
2014-09-19	2014-09-19

2014-10-19	2014-10-19
2015-07-03	2015-07-03

---

**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 - 50 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 - 7    Format: Numeric

**Questions and instructions****CATEGORIES**

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

**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 - 120000000    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: 0 - 85000000    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: 0 - 39960000 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 - 14200000 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 - 6600000 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 - 4950000 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 - 20000000 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 - 7200000 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 - 4800000 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 - 1000000 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 - 1250000 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 - 960000 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 - 15000000 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 - 14300000 Format: Numeric

**Q381\_1: Q381. Percentage of TREES/SEED costs out of the total input cost for ?****Data file:** Global\_farm\_data**Overview**

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

**Q381\_2: Q381. Percentage of FERTILIZERS costs out of the total input cost for ?****Data file:** Global\_farm\_data**Overview**

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

**Q381\_3: Q381. Percentage of PESTICIDES costs out of the total input cost for ?****Data file:** Global\_farm\_data**Overview**

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

**Q381\_4: Q381. Percentage of LABOR costs out of the total input cost for ?****Data file:** Global\_farm\_data

## Overview

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 10 Range: 0 - 66 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 - 30 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 - 20 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 - 20 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 - 10 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 - 10 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 - 35 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 - 100 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**

<b>Value</b>	<b>Category</b>
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**

<b>Value</b>	<b>Category</b>
1	not mentioned
2	mentioned

**Q387\_96: Q387. What was the impact for target crop? Other. Specify 1:****Data file:** Global\_farm\_data**Overview**

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

**Questions and instructions****CATEGORIES**

<b>Value</b>	<b>Category</b>
1	not mentioned

2	mentioned
---	-----------

**Q387\_OTH1: Q387.Other. Impact for growing area A on the ?****Data file: Global\_farm\_data****Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions****CATEGORIES**

Value	Category
1	there is something rotten

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

Valid: 0 Invalid: 0

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

**Questions and instructions****CATEGORIES**

Value	Category
1	somewhat more than usual
2	a lot less than usual
3	somewhat less than usual
4	a lot more than usual
5	the same as usual

**Q388B: Q388. B. You mentioned you had less rainfall this season than usual. Was this problematic?****Data file: Global\_farm\_data****Overview**

Valid: 0 Invalid: 0

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

## Questions and instructions

---

### CATEGORIES

Value	Category
1	yes
2	no

---

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

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

### Overview

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

## Questions and instructions

---

### CATEGORIES

Value	Category
1	no
2	yes

---

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

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

### Overview

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

## Questions and instructions

---

### CATEGORIES

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

---

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

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

**Overview**

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

**Questions and instructions**

---

CATEGORIES

Value	Category
1	no
2	yes

---

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

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

**Overview**

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

**Questions and instructions**

---

CATEGORIES

Value	Category
1	no
2	yes

---

**Q389: Q389. What is the MAIN water source of during this season?**

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

**Overview**

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

**Questions and instructions**

---

CATEGORIES

Value	Category
1	rain-fed (no equipment, only natural rainfall)

2	irrigated using irrigation equipment (e.g. rain,
3	other. specify 1:

---

### Q390: Q390. What is the number of days you have been irrigating ?

Data file: Global\_farm\_data

#### Overview

Valid: 0 Invalid: 0  
Type: Continuous Decimal: 0 Width: 10 Range: 1 - 302 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: 7 - 120000 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: 0 - 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 - 2 Format: Numeric

#### Questions and instructions

---

Value	Category
1	propelling water as rain
2	flooding the area

---

### Q399C: Q399.C. How satisfied are you with the crop program and/or recommendations for ?

Data file: Global\_farm\_data

#### Overview

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

#### Questions and instructions

---

##### CATEGORIES

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

---

### 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
2018-03-25	2018-03-25
2018-06-05	2018-06-05
2018-06-15	2018-06-15
2018-07-15	2018-07-15
2018-07-16	2018-07-16
2018-08-19	2018-08-19
2018-08-25	2018-08-25
2018-09-01	2018-09-01
2018-09-05	2018-09-05

2018-09-10	2018-09-10
2018-09-18	2018-09-18
2018-09-20	2018-09-20
2018-09-21	2018-09-21
2018-09-22	2018-09-22
2018-09-25	2018-09-25
2018-09-30	2018-09-30
2018-10-02	2018-10-02
2018-10-03	2018-10-03
2018-10-05	2018-10-05
2018-10-10	2018-10-10
2018-10-15	2018-10-15
2018-10-18	2018-10-18
2018-10-20	2018-10-20
2018-10-25	2018-10-25
2018-10-26	2018-10-26
2018-10-30	2018-10-30
2018-11-02	2018-11-02
2018-11-03	2018-11-03
2018-11-05	2018-11-05
2018-11-06	2018-11-06
2018-11-07	2018-11-07
2018-11-08	2018-11-08
2018-11-10	2018-11-10
2018-11-14	2018-11-14
2018-11-15	2018-11-15
2018-11-18	2018-11-18
2018-11-20	2018-11-20
2018-11-21	2018-11-21
2018-11-22	2018-11-22
2018-11-25	2018-11-25
2018-11-27	2018-11-27
2018-11-28	2018-11-28
2018-12-02	2018-12-02
2018-12-03	2018-12-03
2018-12-10	2018-12-10
2018-12-15	2018-12-15
2018-12-19	2018-12-19
2018-12-20	2018-12-20

2018-12-24	2018-12-24
2018-12-25	2018-12-25

## 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
2018-03-25	2018-03-25
2018-06-10	2018-06-10
2018-06-20	2018-06-20
2018-09-03	2018-09-03
2018-09-05	2018-09-05
2018-09-10	2018-09-10
2018-09-21	2018-09-21
2018-09-23	2018-09-23
2018-09-24	2018-09-24
2018-09-25	2018-09-25
2018-09-30	2018-09-30
2018-10-03	2018-10-03
2018-10-10	2018-10-10
2018-10-11	2018-10-11
2018-10-12	2018-10-12
2018-10-15	2018-10-15
2018-10-16	2018-10-16
2018-10-20	2018-10-20
2018-10-21	2018-10-21
2018-10-25	2018-10-25
2018-10-30	2018-10-30
2018-11-01	2018-11-01
2018-11-02	2018-11-02
2018-11-04	2018-11-04
2018-11-05	2018-11-05

2018-11-07	2018-11-07
2018-11-09	2018-11-09
2018-11-12	2018-11-12
2018-11-13	2018-11-13
2018-11-15	2018-11-15
2018-11-21	2018-11-21
2018-11-25	2018-11-25
2018-11-27	2018-11-27
2018-11-30	2018-11-30
2018-12-01	2018-12-01
2018-12-02	2018-12-02
2018-12-03	2018-12-03
2018-12-05	2018-12-05
2018-12-09	2018-12-09
2018-12-10	2018-12-10
2018-12-12	2018-12-12
2018-12-15	2018-12-15
2018-12-16	2018-12-16
2018-12-31	2018-12-31
2019-01-02	2019-01-02
2019-01-05	2019-01-05
2019-01-09	2019-01-09
2019-01-13	2019-01-13
2019-01-16	2019-01-16
2019-01-18	2019-01-18
2019-12-10	2019-12-10

## 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
1900-01-01	1900-01-01

2018-02-18	2018-02-18
2018-07-25	2018-07-25
2018-10-02	2018-10-02
2018-10-15	2018-10-15
2018-11-20	2018-11-20
2018-12-15	2018-12-15
2019-01-01	2019-01-01
2019-01-05	2019-01-05
2019-01-06	2019-01-06
2019-01-10	2019-01-10
2019-01-12	2019-01-12
2019-01-15	2019-01-15
2019-01-20	2019-01-20
2019-01-21	2019-01-21
2019-01-25	2019-01-25
2019-01-30	2019-01-30
2019-02-10	2019-02-10
2019-02-12	2019-02-12
2019-02-14	2019-02-14
2019-02-15	2019-02-15
2019-02-22	2019-02-22
2019-02-25	2019-02-25
2019-02-26	2019-02-26
2019-02-27	2019-02-27
2019-02-28	2019-02-28
2019-03-01	2019-03-01
2019-03-02	2019-03-02
2019-03-04	2019-03-04
2019-03-05	2019-03-05
2019-03-06	2019-03-06
2019-03-10	2019-03-10
2019-03-15	2019-03-15
2019-03-27	2019-03-27
2019-03-29	2019-03-29
2019-03-30	2019-03-30
2019-04-01	2019-04-01
2019-04-05	2019-04-05
2019-04-07	2019-04-07
2019-04-10	2019-04-10

2019-04-15	2019-04-15
2019-04-16	2019-04-16
2019-04-24	2019-04-24
2019-04-25	2019-04-25

## DATE3B: end harvest

Data file: Global\_farm\_data

### Overview

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

### Questions and instructions

#### CATEGORIES

Value	Category
1900-01-01	1900-01-01
2018-10-10	2018-10-10
2018-11-21	2018-11-21
2018-12-21	2018-12-21
2019-01-03	2019-01-03
2019-01-08	2019-01-08
2019-01-12	2019-01-12
2019-01-15	2019-01-15
2019-01-21	2019-01-21
2019-01-22	2019-01-22
2019-01-27	2019-01-27
2019-01-28	2019-01-28
2019-01-30	2019-01-30
2019-02-12	2019-02-12
2019-02-13	2019-02-13
2019-02-14	2019-02-14
2019-02-15	2019-02-15
2019-02-16	2019-02-16
2019-02-20	2019-02-20
2019-02-26	2019-02-26
2019-02-27	2019-02-27
2019-02-28	2019-02-28
2019-03-01	2019-03-01

2019-03-02	2019-03-02
2019-03-06	2019-03-06
2019-03-07	2019-03-07
2019-03-09	2019-03-09
2019-03-12	2019-03-12
2019-03-15	2019-03-15
2019-03-16	2019-03-16
2019-03-17	2019-03-17
2019-03-20	2019-03-20
2019-03-28	2019-03-28
2019-03-29	2019-03-29
2019-03-30	2019-03-30
2019-04-01	2019-04-01
2019-04-04	2019-04-04
2019-04-05	2019-04-05
2019-04-10	2019-04-10
2019-04-14	2019-04-14
2019-04-17	2019-04-17
2019-04-27	2019-04-27
2019-04-28	2019-04-28
2019-04-29	2019-04-29

## HARVESTYEAR: Data collection wave

Data file: Global\_farm\_data

### Overview

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

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

Data file: Global\_farm\_data

### Overview

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

### Questions and instructions

#### CATEGORIES

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

2013-04-18	2013-04-18
2013-08-29	2013-08-29
2013-10-05	2013-10-05
2013-10-15	2013-10-15
2013-11-05	2013-11-05
2013-11-10	2013-11-10
2013-12-02	2013-12-02
2013-12-03	2013-12-03
2013-12-20	2013-12-20
2013-12-25	2013-12-25
2014-01-05	2014-01-05
2014-01-15	2014-01-15
2014-01-16	2014-01-16
2014-02-01	2014-02-01
2014-02-02	2014-02-02
2014-02-04	2014-02-04
2014-02-05	2014-02-05
2014-02-06	2014-02-06
2014-02-08	2014-02-08
2014-02-15	2014-02-15
2014-02-19	2014-02-19
2014-02-21	2014-02-21
2014-02-25	2014-02-25
2014-03-10	2014-03-10
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
2014-04-10	2014-04-10
2014-04-14	2014-04-14
2014-04-15	2014-04-15
2014-04-23	2014-04-23
2014-05-05	2014-05-05
2014-05-12	2014-05-12
2014-05-14	2014-05-14
2014-05-16	2014-05-16

2014-05-18	2014-05-18
2014-05-19	2014-05-19
2014-07-04	2014-07-04

## 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
2013-04-25	2013-04-25
2013-09-04	2013-09-04
2013-10-25	2013-10-25
2013-11-05	2013-11-05
2013-11-25	2013-11-25
2013-11-30	2013-11-30
2013-12-14	2013-12-14
2013-12-15	2013-12-15
2014-01-10	2014-01-10
2014-01-15	2014-01-15
2014-02-10	2014-02-10
2014-02-11	2014-02-11
2014-02-14	2014-02-14
2014-02-16	2014-02-16
2014-02-20	2014-02-20
2014-02-24	2014-02-24
2014-02-25	2014-02-25
2014-02-26	2014-02-26
2014-02-28	2014-02-28
2014-03-15	2014-03-15
2014-03-16	2014-03-16
2014-03-21	2014-03-21
2014-03-22	2014-03-22
2014-03-28	2014-03-28

2014-03-30	2014-03-30
2014-04-01	2014-04-01
2014-04-08	2014-04-08
2014-04-10	2014-04-10
2014-04-15	2014-04-15
2014-04-27	2014-04-27
2014-05-07	2014-05-07
2014-05-12	2014-05-12
2014-05-13	2014-05-13
2014-05-15	2014-05-15
2014-05-17	2014-05-17
2014-05-19	2014-05-19
2014-05-23	2014-05-23
2014-05-25	2014-05-25
2014-07-05	2014-07-05

## ■ Q4000\_1: q4000\_1. To whom do you sell your yield - I sell it on the local market

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

### Overview

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

### Questions and instructions

#### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

## ■ Q4000\_2: q4000\_2. To whom do you sell your yield - I sell it to a trader

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

### Overview

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

### Questions and instructions

#### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

---

### **Q4000\_3: q4000\_3. To whom do you sell your yield - I sell it to a wholesaler**

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

#### **Overview**

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

#### **Questions and instructions**

---

##### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

---

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

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

#### **Overview**

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

#### **Questions and instructions**

---

##### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

---

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

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

#### **Overview**

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

## Questions and instructions

---

### CATEGORIES

Value	Category
1	mentioned
2	not mentioned

---

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

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

#### Overview

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

## Questions and instructions

---

### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

---

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

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

#### Overview

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

## Questions and instructions

---

### CATEGORIES

Value	Category
1	not mentioned
2	mentioned

---

### **Q4000\_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
Factory	Factory
I store it and dry it for personal use	I store it and dry it for personal use
Keep it myself	Keep it myself
Selling to ordinary merchant	Selling to ordinary merchant

Sold to wholesaler	Sold to wholesaler
Toke	Toke
Wholesaler	Wholesaler

---

### **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\_7: q389\_7. Which water source has been used for irrigation? Water vendor

Data file: Global\_farm\_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\_96: q389\_96. Which water source has been used for irrigation? 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

---

## **Q389\_OTH1: q389\_96. Which water source has been used for irrigation? 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
Cijalu weir	Cijalu weir
Dam	Dam
Gerak serayu weir	Gerak serayu weir
Reservoir	Reservoir
Wados Lintang reservoir	Wados Lintang reservoir

---

## **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
-	-
1. Because free seed is provided, so I use the seed. 2. For chemical use, I use the usual method, because it is faster and cheap	1. Because free seed is provided, so I use the seed. 2. For chemical use, I use the usual method, because it is faster and cheap

A lot of rice tillers is expected to emerge	A lot of rice tillers is expected to emerge
A lot of rice tillers is expected to emerge which make big harvest	A lot of rice tillers is expected to emerge which make big harvest
Add new farming techniques and knowledge. share with fellow farmers.	Add new farming techniques and knowledge. share with fellow farmers.
Adjust w	Adjust w
Applying all planting methods in the hope that harvest increases and each plant has many bunches of stems	Applying all planting methods in the hope that harvest increases and each plant has many bunches of stems
Applying all planting methods, venice use 6172 for improved yields	Applying all planting methods, venice use 6172 for improved yields
As a gui	As a gui
BECAUSE I HAVE KNOWED WHAT PLANTING PROGRAMS ARE SUITABLE FOR MY LAND	BECAUSE I HAVE KNOWED WHAT PLANTING PROGRAMS ARE SUITABLE FOR MY LAND
BECAUSE IF APPLIED 100% RICE SEEDS STILL MANY REMAINS. THOUGH IT IS ALSO BECAUSE THE LABOR DOES NOT WANT TO DO THE LEGOWO 2: 1 PATTERN PLANT PATTERN THAT SHOULD HAVE OWNED AND NEED A LONG TIME	BECAUSE IF APPLIED 100% RICE SEEDS STILL MANY REMAINS. THOUGH IT IS ALSO BECAUSE THE LABOR DOES NOT WANT TO DO THE LEGOWO 2: 1 PATTERN PLANT PATTERN THAT SHOULD HAVE OWNED AND NEED A LONG TIME
BECAUSE IF IT IS APPLIED TO ALL, LABOR DOES NOT WANT TO DO IT ESPECIALLY FOR PLANTS OF JAJAR LEGOWO 2: 1 PLANTS WHICH THE PLANTATION USES A LONG TIME AND IS MORE COMPLETE SO I APPLY 2: 1 PLANT PATTERNS	BECAUSE IF IT IS APPLIED TO ALL, LABOR DOES NOT WANT TO DO IT ESPECIALLY FOR PLANTS OF JAJAR LEGOWO 2: 1 PLANTS WHICH THE PLANTATION USES A LONG TIME AND IS MORE COMPLETE SO I APPLY 2: 1 PLANT PATTERNS
BECAUSE IT CANNOT BE APPLIED LIKE A LEGOWO 2: 1 TEACHER WHICH NEEDS A LONG TIME TO PLANT RICE INTO LAND THAT LABOR DOES NOT WANT TO DO IT	BECAUSE IT CANNOT BE APPLIED LIKE A LEGOWO 2: 1 TEACHER WHICH NEEDS A LONG TIME TO PLANT RICE INTO LAND THAT LABOR DOES NOT WANT TO DO IT
BECAUSE IT CANNOT BE APPLIED TO THE WHOLE, SUCH AS A PLANT PATTERN OF LEGOWO 2: 1 WHERE THE WORKERS WILL NOT TAKE IT WORKED CAUSED BY THE HOUSEHOLD AND TOO LONG DO IT	BECAUSE IT CANNOT BE APPLIED TO THE WHOLE, SUCH AS A PLANT PATTERN OF LEGOWO 2: 1 WHERE THE WORKERS WILL NOT TAKE IT WORKED CAUSED BY THE HOUSEHOLD AND TOO LONG DO IT
BECAUSE IT IS ADJUSTED WITH LAND AREAS I HAVE	BECAUSE IT IS ADJUSTED WITH LAND AREAS I HAVE
BECAUSE IT IS ADJUSTED WITH LAND CONDITIONS AND LABOR	BECAUSE IT IS ADJUSTED WITH LAND CONDITIONS AND LABOR
BECAUSE NOT ALL PROGRAMS CAN BE APPLIED, SO THAT ONLY I APPLY, FOR example FOR THE LEGOWO TRUE PLANT PATTERN THAT SHOULD BE 2: 1 BUT THAT I APPLY 5 :! THEREFORE LABOR DOES NOT WANT TO DO IT WITH THE OLD WORKING REASONS AND SHOULD BE DETERMINED	BECAUSE NOT ALL PROGRAMS CAN BE APPLIED, SO THAT ONLY I APPLY, FOR example FOR THE LEGOWO TRUE PLANT PATTERN THAT SHOULD BE 2: 1 BUT THAT I APPLY 5 :! THEREFORE LABOR DOES NOT WANT TO DO IT WITH THE OLD WORKING REASONS AND SHOULD BE DETERMINED
BECAUSE OF ADJUSTING WITH LAND CONDITIONS AND LABOR	BECAUSE OF ADJUSTING WITH LAND CONDITIONS AND LABOR
BECAUSE THE LABOR DOES NOT WANT TO PLANT WITH THE LEGOWO 2: 1 REQUEST SYSTEM WITH OLD AND COMPLEX REASONS. SO I REPLACE USING JAJAR LEGOWO 4: 1	BECAUSE THE LABOR DOES NOT WANT TO PLANT WITH THE LEGOWO 2: 1 REQUEST SYSTEM WITH OLD AND COMPLEX REASONS. SO I REPLACE USING JAJAR LEGOWO 4: 1
BECAUSE THE LEGOWO 2: 1 PLANT PATTERN REQUIRES A LONG TIME FOR PLANTING THE RICE THAT MANPOWER DOES NOT WANT TO DO IT, SO I APPLY THE JAJAR LEGOWO PLANT PATTERN 4: 1	BECAUSE THE LEGOWO 2: 1 PLANT PATTERN REQUIRES A LONG TIME FOR PLANTING THE RICE THAT MANPOWER DOES NOT WANT TO DO IT, SO I APPLY THE JAJAR LEGOWO PLANT PATTERN 4: 1
BECAUSE THE LEGOWO RANGE PLANT PATTERNS CANNOT BE APPLIED (THERE IS NO LABOR THAT WANT TO DO POLO TANAM JAJAR LEGOWO 2: 1)	BECAUSE THE LEGOWO RANGE PLANT PATTERNS CANNOT BE APPLIED (THERE IS NO LABOR THAT WANT TO DO POLO TANAM JAJAR LEGOWO 2: 1)
Because I have my own cultivation method that has been done from generations and fit the weather and condition in this area	Because I have my own cultivation method that has been done from generations and fit the weather and condition in this area

Because I only applied some methods that can be applied on my land. I combined with my experience in farming	Because I only applied some methods that can be applied on my land. I combined with my experience in farming
Because I want to get a successful harvest	Because I want to get a successful harvest
Because I was based on experience from the past since corn farming	Because I was based on experience from the past since corn farming
Because applying it all takes more time and energy	Because applying it all takes more time and energy
Because applying the recommended planting procedure takes a long time and costs more	Because applying the recommended planting procedure takes a long time and costs more
Because capital is lacking/insufficient finances	Because capital is lacking/insufficient finances
Because capital is still lacking	Because capital is still lacking
Because gromore was only introduced on June 12, 2017 during a meeting in Cilacap. So in the first planting season it has not been applied	Because gromore was only introduced on June 12, 2017 during a meeting in Cilacap. So in the first planting season it has not been applied
Because if all pesticide products are followed, all recommendations must be followed	Because if all pesticide products are followed, all recommendations must be followed
Because if it is done fully it will take a lot of cost and time so 5: 1 system is made to produce more saplings	Because if it is done fully it will take a lot of cost and time so 5: 1 system is made to produce more saplings
Because in part using my own way	Because in part using my own way
Because it's too complicated to follow all of the methods	Because it's too complicated to follow all of the methods
Because no worker is willing to move on with the system	Because no worker is willing to move on with the system
Because of the exchange of experiences between me and the farmers	Because of the exchange of experiences between me and the farmers
Because rice pests change	Because rice pests change
Because seedlings don't need pesticide at young age	Because seedlings don't need pesticide at young age
Because the capital for corn growing is still lacking	Because the capital for corn growing is still lacking
Because the contours of land are not flat, so the suggested planting methods are difficult to implement, and moreover the workforce does not want to do it because it takes a long time and should be painstaking in planting	Because the contours of land are not flat, so the suggested planting methods are difficult to implement, and moreover the workforce does not want to do it because it takes a long time and should be painstaking in planting
Because the funds are insufficient to implement the whole planting program	Because the funds are insufficient to implement the whole planting program
Because the old method still exists, I still use the hoe in the dikes at the beginning stage of the land	Because the old method still exists, I still use the hoe in the dikes at the beginning stage of the land
Because the old method still exists, still using the hoe in the dikes at the beginning stage of the land	Because the old method still exists, still using the hoe in the dikes at the beginning stage of the land
Because the recommendation for the Jajar Legowo 2: 1 planting program requires a long time so the workforce does not want to do it	Because the recommendation for the Jajar Legowo 2: 1 planting program requires a long time so the workforce does not want to do it
Because the recommended rice cultivation method is the same as usual	Because the recommended rice cultivation method is the same as usual
Because there are personal opinions and also opinions of other farmers that need to be applied	Because there are personal opinions and also opinions of other farmers that need to be applied
Because there is also knowledge gained from other experienced farmers	Because there is also knowledge gained from other experienced farmers
Because there is an increase on the yield although not much]	Because there is an increase on the yield although not much]
Because there is my own experience I have in my opinion that is good that needs to be applied in corn cultivation	Because there is my own experience I have in my opinion that is good that needs to be applied in corn cultivation

Because there is my own experience about growing corn which I need to apply too	Because there is my own experience about growing corn which I need to apply too
Because to implement the 2: 1 jajar legowo system requires longer planting time and should be painstaking, the workers do not want to do it	Because to implement the 2: 1 jajar legowo system requires longer planting time and should be painstaking, the workers do not want to do it
Because try based on your own experience. in order to reduce costs	Because try based on your own experience. in order to reduce costs
Because using a longer planting space there will be more	Because using a longer planting space there will be more
Because you want to increase yields	Because you want to increase yields
Better result	Better result
Better result, Crop is more fertile	Better result, Crop is more fertile
Bigger cost	Bigger cost
Brings maximum harvest	Brings maximum harvest
By applying all new syngenta methods the yield can be stable and superior harvest quality	By applying all new syngenta methods the yield can be stable and superior harvest quality
By following the methods from Syngenta, corn yield is of good quality	By following the methods from Syngenta, corn yield is of good quality
Constrained by the cost of applying all of the cost methods is expensive because syngenta products are expensive.	Constrained by the cost of applying all of the cost methods is expensive because syngenta products are expensive.
Constrained costs, if applying all the methods is very expensive	Constrained costs, if applying all the methods is very expensive
Corn yield is bigger and better (higher quality)	Corn yield is bigger and better (higher quality)
Crop yield is good often exchanging ideas with other farmers	Crop yield is good often exchanging ideas with other farmers
Depend on manpower and costs. Use more manpower but the costs is less spent compared to old ways	Depend on manpower and costs. Use more manpower but the costs is less spent compared to old ways
Depend on the soil condition and costs	Depend on the soil condition and costs
Due to jujur legwo planting method	Due to jujur legwo planting method
Easier cultivation and more yields	Easier cultivation and more yields
Easy methods	Easy methods
Effective use of fertilizer and pesticide Can exterminate max pest and weed Get max harvest	Effective use of fertilizer and pesticide Can exterminate max pest and weed Get max harvest
Expensive pesticide purchase price, so just apply some of methods	Expensive pesticide purchase price, so just apply some of methods
Finance is insufficient to follow all methods because the required price is expensive	Finance is insufficient to follow all methods because the required price is expensive
For good paddy growth. To get goor harvest.	For good paddy growth. To get goor harvest.
For good rice growth	For good rice growth
For superior agriculture according to government installments	For superior agriculture according to government installments
Free seed is given so I use it	Free seed is given so I use it
From sygenta the fertilization method is different from mine	From sygenta the fertilization method is different from mine
Get experience. To increase farm production.	Get experience. To increase farm production.
Good methods. Increase cocoa production. Don?t follow	Good methods. Increase cocoa production. Don?t follow
Good rice farming methods	Good rice farming methods

Harvest improves	Harvest improves
Harvest is more plentiful	Harvest is more plentiful
Harvest is not yet maximum	Harvest is not yet maximum
Higher rice harvest result	Higher rice harvest result
I have applied the method 1 time plant, The result could be better but the labors do not want to do it because it take longer time	I have applied the method 1 time plant, The result could be better but the labors do not want to do it because it take longer time
I need farming lessons	I need farming lessons
I prefer my own method	I prefer my own method
I want to work on it quickly, for example fertilizing only 1 time with a large amount, it turns out that the intention is wrong.	I want to work on it quickly, for example fertilizing only 1 time with a large amount, it turns out that the intention is wrong.
If I don't follow, no harvest	If I don't follow, no harvest
Important to get better harvest	Important to get better harvest
In order to better understand the corn cropping pattern correctly	In order to better understand the corn cropping pattern correctly
In order to better understand the correct cropping pattern	In order to better understand the correct cropping pattern
In order to get more improved results	In order to get more improved results
In order to get the maximum harvest with the available capital	In order to get the maximum harvest with the available capital
In order to save costs for the corn plant	In order to save costs for the corn plant
In the explanation received it is best to follow all the programs to get better and more quality results	In the explanation received it is best to follow all the programs to get better and more quality results
Instructed, encouraged by many parties	Instructed, encouraged by many parties
Interested because it promised to give better yields compared to old ways	Interested because it promised to give better yields compared to old ways
It is not appropriate for dry soil like mine, thus I applied it in my field	It is not appropriate for dry soil like mine, thus I applied it in my field
KARENA BEBERAPA METODE TIDAK BISA DITERAPKAN, SEPERTI POLA TANAM JAJAR LEGOWO 2:1 YANG DISEBABKAN TENAGA KERJA TIDAK MAU MENGERJAKANNYA KARENA TELALU LAMA DAN BUTUH KETELITIAN	KARENA BEBERAPA METODE TIDAK BISA DITERAPKAN, SEPERTI POLA TANAM JAJAR LEGOWO 2:1 YANG DISEBABKAN TENAGA KERJA TIDAK MAU MENGERJAKANNYA KARENA TELALU LAMA DAN BUTUH KETELITIAN
KARENA TIDAK SEMUA PROGRAM YANG DIREKOMENDASIKAN BISA DITERAPKAN	KARENA TIDAK SEMUA PROGRAM YANG DIREKOMENDASIKAN BISA DITERAPKAN
Know effective use of fertilizer and pesticide. Can improve harvest.	Know effective use of fertilizer and pesticide. Can improve harvest.
Lots of pesticide is applied, lots of capital or cost	Lots of pesticide is applied, lots of capital or cost
Makes corn grain more voluminous, big cob with solid grain	Makes corn grain more voluminous, big cob with solid grain
More complicated work and longer process	More complicated work and longer process
More economical working process and higher yields	More economical working process and higher yields
More effective in corn cultivation	More effective in corn cultivation
More suitable, crop grows well and harvest is big	More suitable, crop grows well and harvest is big
More yield	More yield
New experience	New experience
No Answer	No Answer

None	None
Not enough capital	Not enough capital
Not fit my field area and I have my own cultivating method	Not fit my field area and I have my own cultivating method
Not used to the new method yet	Not used to the new method yet
Only what is known is applied	Only what is known is applied
Paddy growth can be monitored if there is pest attack symptom. Proper use of fertilizer and pesticide.	Paddy growth can be monitored if there is pest attack symptom. Proper use of fertilizer and pesticide.
Partially implemented because the workforce does not want to bother	Partially implemented because the workforce does not want to bother
Planting is given a distance of 6: 1 so that the rice plant can produce more seedlings. The distance is sufficient to make stepping area when fertilizing or spraying	Planting is given a distance of 6: 1 so that the rice plant can produce more seedlings. The distance is sufficient to make stepping area when fertilizing or spraying
Receive some methods because it is adjusted to the land	Receive some methods because it is adjusted to the land
Refused	Refused
Slow working process because done manually	Slow working process because done manually
So that corn harvest is more satisfactory	So that corn harvest is more satisfactory
So that the corn crop grows perfectly, and the harvest is increased	So that the corn crop grows perfectly, and the harvest is increased
So that the crop yield is increased	So that the crop yield is increased
So that the harvest can get the maximum	So that the harvest can get the maximum
So that we know better about how to grow corn well for big harvest	So that we know better about how to grow corn well for big harvest
Some are used namely 25x25 cm to make it neat and it is expected to increase yield	Some are used namely 25x25 cm to make it neat and it is expected to increase yield
Sometimes forgot the information	Sometimes forgot the information
Sometimes there is lack of budget in planting	Sometimes there is lack of budget in planting
Supaya p	Supaya p
Terlalu	Terlalu
The cost consideration factor if applied entirely is expensive. can apply other methods at a lower cost (for example the use of pesticides other than the syngenta brand)	The cost consideration factor if applied entirely is expensive. can apply other methods at a lower cost (for example the use of pesticides other than the syngenta brand)
The cost is too much because it is expensive	The cost is too much because it is expensive
The knowledge is very good for guidance in growing corn. The recommended method has been adjusted with the condition of the growing area	The knowledge is very good for guidance in growing corn. The recommended method has been adjusted with the condition of the growing area
The method can increase harvest	The method can increase harvest
The method is different from my current farming method	The method is different from my current farming method
The method is easy and practical	The method is easy and practical
The method is not applied at all, because in my opinion planting rice in all sides 20x20cm will produce abundant harvest	The method is not applied at all, because in my opinion planting rice in all sides 20x20cm will produce abundant harvest
The method is quite practical and easy	The method is quite practical and easy
The method is suitable and brings good result	The method is suitable and brings good result
The method is very good and improves production	The method is very good and improves production

The recommended methodology sometimes not fit the real condition	The recommended methodology sometimes not fit the real condition
The result is better	The result is better
The result is more satisfactory	The result is more satisfactory
The result meets expectation	The result meets expectation
The workforce does not want to do it because it takes longer. Need patience. Adjusted to existing land	The workforce does not want to do it because it takes longer. Need patience. Adjusted to existing land
There is a try based on personal experience. because there is a cost problem.	There is a try based on personal experience. because there is a cost problem.
There is no comparable method yet	There is no comparable method yet
This method brings good result	This method brings good result
To be a	To be a
To better understand the correct planting pattern	To better understand the correct planting pattern
To gain experience and knowledge in farming so that the yield is more optimal and the capital spent is not wasted	To gain experience and knowledge in farming so that the yield is more optimal and the capital spent is not wasted
To gain experience and knowledge in growing corn	To gain experience and knowledge in growing corn
To gain experience but the practice is different from theories	To gain experience but the practice is different from theories
To get a satisfying harvest	To get a satisfying harvest
To get b	To get b
To get better corn yield both in terms of quality and quantity	To get better corn yield both in terms of quality and quantity
To get better result	To get better result
To get better yields	To get better yields
To get big and good (quality) yield	To get big and good (quality) yield
To get big and high quality harvest	To get big and high quality harvest
To get good harvest	To get good harvest
To get knowledge in corn growing so that the yield is increased. There is knowledge gained on how to fertilize and also spray correctly	To get knowledge in corn growing so that the yield is increased. There is knowledge gained on how to fertilize and also spray correctly
To get max result, but not enough capital to follow all recommendations in the protocol	To get max result, but not enough capital to follow all recommendations in the protocol
To get maximum harvest	To get maximum harvest
To get maximum result	To get maximum result
To get maximum results	To get maximum results
To get maximum yield	To get maximum yield
To get new experience, new farming methods	To get new experience, new farming methods
To get optimal yields	To get optimal yields
To give a satisfying needs	To give a satisfying needs
To harvest abundantly	To harvest abundantly
To have an optimum yields but with small costs	To have an optimum yields but with small costs
To have better results	To have better results

To have better yields with better quality as well, knowing when is the right time to harvest	To have better yields with better quality as well, knowing when is the right time to harvest
To improve rice production	To improve rice production
To incre	To incre
To increase cocoa productivity	To increase cocoa productivity
To increase corn harvest	To increase corn harvest
To increase harvest quality	To increase harvest quality
To increase production. Many friends. To exchange knowledge	To increase production. Many friends. To exchange knowledge
To increase result	To increase result
To increase rice quality. add new knowledge and experience.	To increase rice quality. add new knowledge and experience.
To increase yields and control pests and disease	To increase yields and control pests and disease
To kill pest. To get farming experience.	To kill pest. To get farming experience.
To know better farming methods. know about new chemicals. To get information about pest attack and how to deal with it sehingga lebih waspada dalam menanganinya	To know better farming methods. know about new chemicals. To get information about pest attack and how to deal with it sehingga lebih waspada dalam menanganinya
To know how to plant corn correctly	To know how to plant corn correctly
To know if the method can make better result	To know if the method can make better result
To maximize the yields	To maximize the yields
To proof the instruction/recommendation from Kementan. To get maximum result	To proof the instruction/recommendation from Kementan. To get maximum result
To protect paddy from disease and get maximum harvest	To protect paddy from disease and get maximum harvest
To try to grow corn appropriately. To get good and quality yield	To try to grow corn appropriately. To get good and quality yield
Too much	Too much
Try new method for comparison	Try new method for comparison
Uncommon in this area, not proven therefore still using old method	Uncommon in this area, not proven therefore still using old method
Using my own method for first planting	Using my own method for first planting
Want a better product than sygenta	Want a better product than sygenta
Want better and quality result	Want better and quality result
Want higher production	Want higher production
Want improved harvest	Want improved harvest
Want to	Want to
Want to be more advanced in farming according to the demands of the times. Want bigger and better quality harvest	Want to be more advanced in farming according to the demands of the times. Want bigger and better quality harvest
Want to get better harvest	Want to get better harvest
Want to get good and big harvest. Want to grow corn in a more advanced method	Want to get good and big harvest. Want to grow corn in a more advanced method
Want to get knowledge and experience	Want to get knowledge and experience
Want to grow corn correctly/well to get big and good harvest	Want to grow corn correctly/well to get big and good harvest

Want to have big/abundant harvest	Want to have big/abundant harvest
Want to know about the procedures for planting rice	Want to know about the procedures for planting rice
Want to understand cocoa growing methods	Want to understand cocoa growing methods
Want to understand growing methods	Want to understand growing methods
We want better and higher quality harvest	We want better and higher quality harvest
Weather and labor problem	Weather and labor problem
Weather is bad	Weather is bad
Wish to have a better yields	Wish to have a better yields
With continual guidance proven to increase yields. However, start using Jajar Legowo because the yields is not so good	With continual guidance proven to increase yields. However, start using Jajar Legowo because the yields is not so good
With the method is expected crop yields will increase because each plant has a lot of tillers. Spray with pesticide from Syngenta for leafhopper is good enough	With the method is expected crop yields will increase because each plant has a lot of tillers. Spray with pesticide from Syngenta for leafhopper is good enough
Yields can be abundant, can add and procedures for planting corn correctly	Yields can be abundant, can add and procedures for planting corn correctly
applying latest technology and farming innovations	applying latest technology and farming innovations
applying method to inmprove harvest	applying method to inmprove harvest
better result	better result
better seed knowledge. more efficient pesticide use.	better seed knowledge. more efficient pesticide use.
enough irrigation. to control pest. Good fertilization	enough irrigation. to control pest. Good fertilization
get good harvest	get good harvest
good result and no pest	good result and no pest
hoping better harvest	hoping better harvest
lots of changes, in the past no disease, now many diseases. today fertility is worse. disease identification	lots of changes, in the past no disease, now many diseases. today fertility is worse. disease identification
must follow techology advances. technology is important for farming.	must follow techology advances. technology is important for farming.
none	none
selama ini belum ada pembandingnya	selama ini belum ada pembandingnya
sri growing pattern, 40cm space, jajar legowo(4:1 growing space)	sri growing pattern, 40cm space, jajar legowo(4:1 growing space)
the plot yields good result. healthier crops, free from disease.	the plot yields good result. healthier crops, free from disease.
to control disease especially downy mildew. to know good fertilization methods.	to control disease especially downy mildew. to know good fertilization methods.
to get better harvest	to get better harvest
to get better harvest. get new farming knowledge.	to get better harvest. get new farming knowledge.
to get goor harvest at minimum cost	to get goor harvest at minimum cost
to get maximum harvest	to get maximum harvest
to get more harvest	to get more harvest
too much	too much
want better result	want better result

want to get better harvest both quantity and quality	want to get better harvest both quantity and quality
want to know good farming methods	want to know good farming methods
want to try new methods	want to try new methods

### **Q397: Q397. Received a recommended growing protocol or crop program from an agricultural advisor?**

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

#### **Overview**

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

#### **Questions and instructions**

##### CATEGORIES

Value	Category
1	yes
2	no

### **Q397B\_OTH1: Q397B. From whom did you receive the protocol/crop program? Other 1**

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

#### **Overview**

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

#### **Questions and instructions**

##### CATEGORIES

Value	Category
Agriculture Counselor	Agriculture Counselor
BALAI BESAR BENIH LEMBANG	BALAI BESAR BENIH LEMBANG
BAS	BAS
BPTP (Balai Penelitian Tanaman Pangan)	BPTP (Balai Penelitian Tanaman Pangan)
BPTP (Balai Penelitian Tanaman Pangan)	BPTP (Balai Penelitian Tanaman Pangan)
Counseling	Counseling
Dinas Perkebunan	Dinas Perkebunan
Dinas Pertanian	Dinas Pertanian
Dinas pertanian	Dinas pertanian
Friends	Friends

Friens	Friens
OOL	OOL
PETUGAS PENYULUH LAPANGAN (PPL)	PETUGAS PENYULUH LAPANGAN (PPL)
PPL	PPL
PPL 96	PPL 96
PPL Kecamatan	PPL Kecamatan
PPL.	PPL.
Petugas Penyuluhan Lapangan	Petugas Penyuluhan Lapangan
Petugas Penyuluhan Lapangan (PPL)	Petugas Penyuluhan Lapangan (PPL)
Petugas Penyuluhan Lapangan (PPL) Kecamatan	Petugas Penyuluhan Lapangan (PPL) Kecamatan
Petugas Penyuluhan Pertanian	Petugas Penyuluhan Pertanian
Syngenta	Syngenta

### **Q397B\_OTH2: Q397B. From whom did you receive the protocol/crop program? Other 2**

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

#### **Overview**

Valid: 0 Invalid: 0

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

#### **Questions and instructions**

##### CATEGORIES

Value	Category
BALAI BENIH SUKAMANDI	BALAI BENIH SUKAMANDI
DINAS PERKEBUNAN	DINAS PERKEBUNAN
Neighbour	Neighbour

### **Q397B\_OTH3: Q397B. From whom did you receive the protocol/crop program? Other 3**

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

#### **Overview**

Valid: 0 Invalid: 0

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

#### **Questions and instructions**

##### CATEGORIES

Value	Category
INSTITUT PERTANIAN BOGOR (IPB)	INSTITUT PERTANIAN BOGOR (IPB)

## 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
"TANI SUBUR", NAMBAAN VILLAGE, RINGIN REJO SUBDISTRICT - KEDIRI	"TANI SUBUR", NAMBAAN VILLAGE, RINGIN REJO SUBDISTRICT - KEDIRI

ARGOMULYO	ARGOMULYO
ASRI MAKMUR 1	ASRI MAKMUR 1
Argo Mulyo (Kelompok Tani)	Argo Mulyo (Kelompok Tani)
Argomulyo	Argomulyo
Asri Makmur	Asri Makmur
BUDI LUHUR TANI	BUDI LUHUR TANI
BUDi Makaryo	BUDi Makaryo
Barokah Tani	Barokah Tani
Buana Makmur	Buana Makmur
Budi Luhur Tani	Budi Luhur Tani
Budi Madya	Budi Madya
Budi Makarya	Budi Makarya
Bumi Asih	Bumi Asih
Fajar Satu	Fajar Satu
Gandu Tani	Gandu Tani
Gapoktan Mukti	Gapoktan Mukti
Gapoktan Sejatera	Gapoktan Sejatera
Gapoktan Tani Mandiri	Gapoktan Tani Mandiri
Gayabaru	Gayabaru
Guguak Tinggi	Guguak Tinggi
INGIN MAJU	INGIN MAJU
Ingin Maju	Ingin Maju
Jaya Putri Dani	Jaya Putri Dani
Jaya Putri Tani	Jaya Putri Tani
Julabis	Julabis
KARYA MAKMUR 1	KARYA MAKMUR 1
KARYA SEJATI 2	KARYA SEJATI 2
KELOMPOK TANI MANDIRI	KELOMPOK TANI MANDIRI
KGG (Kelompok Gabungan Gapoktan)	KGG (Kelompok Gabungan Gapoktan)
KOPERASI GABUNGAN GAPOKTAN (KGG)	KOPERASI GABUNGAN GAPOKTAN (KGG)
KOPERASI LEM SEJAHTERA	KOPERASI LEM SEJAHTERA
KT SAMATURU ANDOWENGGA	KT SAMATURU ANDOWENGGA
Karya Makmur 1	Karya Makmur 1
Karya Pelita	Karya Pelita
Kelompok : Ikan Pajak Satu Lembar	Kelompok : Ikan Pajak Satu Lembar
Kelompok Maju Hultrakultura	Kelompok Maju Hultrakultura
Kelompok Pandan Wangi	Kelompok Pandan Wangi
Kelompok Tani Desa Bou	Kelompok Tani Desa Bou
Kelompok Tani Karya Sejati 2	Kelompok Tani Karya Sejati 2

Kelompok Tani Lamosila	Kelompok Tani Lamosila
Kelompok Tani Mandiri	Kelompok Tani Mandiri
Kelompok Tani Mokupa	Kelompok Tani Mokupa
Kelompok Tani Puundopulok	Kelompok Tani Puundopulok
Kelompok Tani Sidoasih	Kelompok Tani Sidoasih
Kelompok Tani Situ Ginting	Kelompok Tani Situ Ginting
Kelompok Tani Sri Agung	Kelompok Tani Sri Agung
Kelompok Tani Sumber Tani	Kelompok Tani Sumber Tani
Kelompok Tani Tetembuta	Kelompok Tani Tetembuta
Kelompok Tani Tinete	Kelompok Tani Tinete
Kelompok tani Margomulyo	Kelompok tani Margomulyo
Krido Pantolo	Krido Pantolo
LEM "SEJAHTERA" (KOPERASI)	LEM "SEJAHTERA" (KOPERASI)
LEM SEJAHTERA	LEM SEJAHTERA
LEM Seja	LEM Seja
LEM Sejahtera (Lembaga Ekonomi Masyarakat Sejahtera)	LEM Sejahtera (Lembaga Ekonomi Masyarakat Sejahtera)
Lestari 2	Lestari 2
MAKMUR MANDIRI	MAKMUR MANDIRI
MUSARAH	MUSARAH
Makmur	Makmur
Margoyoso	Margoyoso
Melati	Melati
Monotani	Monotani
Mudi Makmur	Mudi Makmur
Musara	Musara
NGUDI MAKARYO 1	NGUDI MAKARYO 1
NGUDI MAKARYO 2	NGUDI MAKARYO 2
NGUDI TIRTO MAKMUR	NGUDI TIRTO MAKMUR
NGUDIMAKARYO 1	NGUDIMAKARYO 1
Ngidima karyo 1 (kel. tani)	Ngidima karyo 1 (kel. tani)
Ngudi Mafaryo 2. Dk. Ngengleng	Ngudi Mafaryo 2. Dk. Ngengleng
Ngudi Makaryo	Ngudi Makaryo
Ngudi Makaryo 1	Ngudi Makaryo 1
Ngudi Makaryo 2	Ngudi Makaryo 2
Ngudi Tirto Makmur	Ngudi Tirto Makmur
Ngudi makaryo I	Ngudi makaryo I
Ngudima Karyo 1	Ngudima Karyo 1
Ngudima Karyo 1 (Kelurahan Tani)	Ngudima Karyo 1 (Kelurahan Tani)
Ngudima Karyo 2 (Kelurahan Tani)	Ngudima Karyo 2 (Kelurahan Tani)

PANDAN ARUM	PANDAN ARUM
PANDAN WANGI	PANDAN WANGI
PULUNG MEKAUM	PULUNG MEKAUM
Padaidi	Padaidi
Pandan Arum Tani	Pandan Arum Tani
Poktan Tabanan	Poktan Tabanan
Pulon Mekaung	Pulon Mekaung
Pulung mekaung	Pulung mekaung
RUKUN TANI BERKAH ABADI	RUKUN TANI BERKAH ABADI
Rejeki	Rejeki
SETIA NGABDI	SETIA NGABDI
SIDOMULYO 2	SIDOMULYO 2
SUBUR 2	SUBUR 2
Samaturu	Samaturu
Sambung anyar	Sambung anyar
Sematuru	Sematuru
Sido Mulya II (Kelompok Tani)	Sido Mulya II (Kelompok Tani)
Sido Mulyo (Kelompok Tani)	Sido Mulyo (Kelompok Tani)
Sido Mulyo 2	Sido Mulyo 2
Sido Mulyo 3	Sido Mulyo 3
Sido Mulyo II (Kelompok Tani)	Sido Mulyo II (Kelompok Tani)
Sido Mulyo III (Kelompok Tani)	Sido Mulyo III (Kelompok Tani)
Sidomulyo 2	Sidomulyo 2
Sidomulyo 3	Sidomulyo 3
Sri AGung Tani	Sri AGung Tani
Sri Sedono	Sri Sedono
Sri agung	Sri agung
Subur	Subur
Subur 1	Subur 1
Subur 2	Subur 2
Subur I (Kelompok Tani)	Subur I (Kelompok Tani)
Subur II	Subur II
Sumber Makmur	Sumber Makmur
Sumber R	Sumber R
Sumber Rejeki	Sumber Rejeki
Sumber Rezeki	Sumber Rezeki
TANI SUBUR	TANI SUBUR
TESEK POLOS	TESEK POLOS
Tambak Sari Mulya	Tambak Sari Mulya

Tambak sari Mulyo	Tambak sari Mulyo
Tani Fajar Group	Tani Fajar Group
Tani Karya Pelita Group	Tani Karya Pelita Group
Tani Maju	Tani Maju
Tani Mandiri	Tani Mandiri
Tani Mulyo	Tani Mulyo
Tani Mulyo Kedak	Tani Mulyo Kedak
Tani Subur	Tani Subur
Tani mulyo	Tani mulyo
Tani subur	Tani subur
Tunas Muda	Tunas Muda
Tunas muda	Tunas muda
Usaha Tani	Usaha Tani
Usaha Tani Maju	Usaha Tani Maju
Wahyu Lestari	Wahyu Lestari

## 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
Aceh Maju	Aceh Maju
Gapokan	Gapokan
Gapokian	Gapokian
Gapokkan	Gapokkan
Gapoktan	Gapoktan
Gapoktan (Bosowasi)	Gapoktan (Bosowasi)
Gapotan (Gabungan Kelompok Tani) Tapak Kubu	Gapotan (Gabungan Kelompok Tani) Tapak Kubu
Gapuktan	Gapuktan
KELOMPOK GABUNGAN GAPOKTAN	KELOMPOK GABUNGAN GAPOKTAN
KELOMPOK TANI - SIPA KARENNU	KELOMPOK TANI - SIPA KARENNU
KGG	KGG
KT LESTARI	KT LESTARI

KT SAMATURU	KT SAMATURU
KT Sipakario	KT Sipakario
Koperasi Tani Wana malimur	Koperasi Tani Wana malimur
LEM (Lembaga Ekonomi Masyarakat)	LEM (Lembaga Ekonomi Masyarakat)
Lem Sejahtera (Lembaga Ekonomi Masyarakat)	Lem Sejahtera (Lembaga Ekonomi Masyarakat)
Paguyuban Petani Cabe Kabupaten Kediri	Paguyuban Petani Cabe Kabupaten Kediri
Samaturu	Samaturu
Usaha pelayanan jasa Al Sintan	Usaha pelayanan jasa Al Sintan

### 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
KT BANGAU PUTIH	KT BANGAU PUTIH
KT SUKSES BERSAMA	KT SUKSES BERSAMA
KT. BANGAU PUTIH	KT. BANGAU PUTIH
Lumbung padi	Lumbung padi

### 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 - 3 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category
1	flat
2	gentle slope
3	hilly

## **Q116: Q116. What production system is used for rice?**

**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	transplanted (tr)
2	direct-seeded, wet-sown (dsws)
3	direct-seeded (ds)

## **Q119: Q119. Please indicate the inter-row space that is applied?**

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

### **Overview**

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

## **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

---

## 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

---

## 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
2013-04-25	2013-04-25
2013-09-04	2013-09-04
2013-10-25	2013-10-25
2013-11-05	2013-11-05
2013-11-25	2013-11-25
2013-11-30	2013-11-30
2013-12-14	2013-12-14
2013-12-15	2013-12-15
2014-01-10	2014-01-10
2014-01-15	2014-01-15
2014-02-10	2014-02-10
2014-02-11	2014-02-11

2014-02-14	2014-02-14
2014-02-16	2014-02-16
2014-02-20	2014-02-20
2014-02-24	2014-02-24
2014-02-25	2014-02-25
2014-02-26	2014-02-26
2014-02-28	2014-02-28
2014-03-15	2014-03-15
2014-03-16	2014-03-16
2014-03-21	2014-03-21
2014-03-22	2014-03-22
2014-03-28	2014-03-28
2014-03-30	2014-03-30
2014-04-01	2014-04-01
2014-04-08	2014-04-08
2014-04-10	2014-04-10
2014-04-15	2014-04-15
2014-04-27	2014-04-27
2014-05-07	2014-05-07
2014-05-12	2014-05-12
2014-05-13	2014-05-13
2014-05-15	2014-05-15
2014-05-17	2014-05-17
2014-05-19	2014-05-19
2014-05-23	2014-05-23
2014-05-25	2014-05-25
2014-07-05	2014-07-05

## 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: 0 - 70 Format: Numeric

---

### **Q247\_3A: Q247. BUYER 3 % of yield**

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

## Overview

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

---

### **Q247\_4A: Q247. BUYER 4 % of yield**

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

## Overview

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

---

### **Q247\_5A: Q247. BUYER 5 % of yield**

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

## Overview

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

---

### **Q247\_1B: Q247. BUYER 1 price per metric ton**

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

## Overview

Valid: 0 Invalid: 0  
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 60000000 Format: Numeric

---

### **Q247\_2B: Q247. BUYER 2 price per metric ton**

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

## Overview

Valid: 0 Invalid: 0  
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 48000000 Format: Numeric

---

### **Q247\_3B: Q247. BUYER 3 price per metric ton**

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

#### **Overview**

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

---

### **Q247\_4B: Q247. BUYER 4 price per metric ton**

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

#### **Overview**

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

---

### **Q247\_5B: Q247. BUYER 5 price per metric ton**

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

#### **Overview**

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

---

### **Q295: Q295. What is the level of brokens in percentage for rice?**

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

#### **Overview**

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

---

### **Q297: Q297. % of colored grains and contaminants for rice?**

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

#### **Overview**

Valid: 0 Invalid: 0  
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 20 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
IndonesiaCocoa1	IndonesiaCocoa1
IndonesiaCocoa2	IndonesiaCocoa2
IndonesiaMaize1	IndonesiaMaize1
IndonesiaMaize1+2	IndonesiaMaize1+2
IndonesiaMaize2	IndonesiaMaize2
IndonesiaRice1	IndonesiaRice1
IndonesiaRice1+2	IndonesiaRice1+2
IndonesiaRice2	IndonesiaRice2

---

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

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

**Questions and instructions****CATEGORIES**

<b>Value</b>	<b>Category</b>
Indonesia	Indonesia

**FARMTYPE: FARMTYPE****Data file:** Crop\_protection**Overview**

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

**Questions and instructions****CATEGORIES**

<b>Value</b>	<b>Category</b>
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**

<b>Value</b>	<b>Category</b>
19100100	19100100
19100114	19100114
19100200	19100200
19100214	19100214

19100300	19100300
19101900	19101900
19101972	19101972
19102000	19102000
19102072	19102072
19102900	19102900
19102914	19102914
19103000	19103000
19103014	19103014
19103100	19103100
19103114	19103114
19103200	19103200
19103272	19103272
19103300	19103300
19103372	19103372
19103400	19103400
19103900	19103900
19103914	19103914
19104300	19104300
19104400	19104400
19104405	19104405
19106000	19106000
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19207872	19207872
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19214414	19214414
19214514	19214514
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19216014	19216014
19216114	19216114

## ■ 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
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10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
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: Crop\_protection

### Overview

Valid: 0 Invalid: 0

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

### Questions and instructions

#### CATEGORIES

Value	Category
Cocoa	Cocoa
Corn	Corn
Rice	Rice

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## 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
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11	11
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

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2013-04-01	2013-04-01
2013-05-10	2013-05-10
2013-06-01	2013-06-01
2013-09-04	2013-09-04
2013-09-29	2013-09-29
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2014-01-06	2014-01-06
2014-01-09	2014-01-09
2014-01-12	2014-01-12
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2014-01-22	2014-01-22
2014-01-25	2014-01-25

2014-01-26	2014-01-26
2014-02-01	2014-02-01
2014-02-02	2014-02-02
2014-02-03	2014-02-03
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2016-11-14	2016-11-14
2016-11-15	2016-11-15
2016-11-16	2016-11-16
2016-11-17	2016-11-17
2016-11-18	2016-11-18
2016-11-19	2016-11-19
2016-11-20	2016-11-20
2016-11-21	2016-11-21
2016-11-23	2016-11-23
2016-11-24	2016-11-24
2016-11-25	2016-11-25
2016-11-26	2016-11-26
2016-11-27	2016-11-27
2016-11-28	2016-11-28
2016-11-29	2016-11-29
2016-11-30	2016-11-30
2016-12-01	2016-12-01
2016-12-02	2016-12-02
2016-12-03	2016-12-03
2016-12-04	2016-12-04
2016-12-05	2016-12-05
2016-12-07	2016-12-07
2016-12-08	2016-12-08
2016-12-09	2016-12-09
2016-12-10	2016-12-10
2016-12-11	2016-12-11
2016-12-12	2016-12-12
2016-12-13	2016-12-13
2016-12-15	2016-12-15
2016-12-16	2016-12-16
2016-12-20	2016-12-20
2016-12-21	2016-12-21
2016-12-22	2016-12-22
2016-12-23	2016-12-23

2016-12-24	2016-12-24
2016-12-25	2016-12-25
2016-12-26	2016-12-26
2016-12-27	2016-12-27
2016-12-28	2016-12-28
2016-12-29	2016-12-29
2016-12-30	2016-12-30
2016-12-31	2016-12-31
2017-01-02	2017-01-02
2017-01-03	2017-01-03
2017-01-05	2017-01-05
2017-01-06	2017-01-06
2017-01-07	2017-01-07
2017-01-09	2017-01-09
2017-01-10	2017-01-10
2017-01-11	2017-01-11
2017-01-12	2017-01-12
2017-01-15	2017-01-15
2017-01-16	2017-01-16
2017-01-17	2017-01-17
2017-01-18	2017-01-18
2017-01-20	2017-01-20
2017-01-22	2017-01-22
2017-01-25	2017-01-25
2017-01-26	2017-01-26
2017-01-27	2017-01-27
2017-01-28	2017-01-28
2017-01-29	2017-01-29
2017-01-30	2017-01-30
2017-01-31	2017-01-31
2017-02-01	2017-02-01
2017-02-02	2017-02-02
2017-02-03	2017-02-03
2017-02-04	2017-02-04
2017-02-05	2017-02-05
2017-02-06	2017-02-06
2017-02-07	2017-02-07
2017-02-08	2017-02-08
2017-02-09	2017-02-09

2017-02-10	2017-02-10
2017-02-11	2017-02-11
2017-02-12	2017-02-12
2017-02-13	2017-02-13
2017-02-14	2017-02-14
2017-02-15	2017-02-15
2017-02-16	2017-02-16
2017-02-17	2017-02-17
2017-02-18	2017-02-18
2017-02-19	2017-02-19
2017-02-20	2017-02-20
2017-02-21	2017-02-21
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
2017-03-04	2017-03-04
2017-03-05	2017-03-05
2017-03-06	2017-03-06
2017-03-07	2017-03-07
2017-03-09	2017-03-09
2017-03-10	2017-03-10
2017-03-14	2017-03-14
2017-03-15	2017-03-15
2017-03-18	2017-03-18
2017-03-20	2017-03-20
2017-03-23	2017-03-23
2017-03-27	2017-03-27
2017-04-01	2017-04-01
2017-06-15	2017-06-15
2017-06-25	2017-06-25
2017-07-25	2017-07-25
2017-07-30	2017-07-30
2017-08-17	2017-08-17
2017-08-20	2017-08-20
2017-08-26	2017-08-26

2017-09-04	2017-09-04
2017-09-05	2017-09-05
2017-09-09	2017-09-09
2017-09-10	2017-09-10
2017-09-15	2017-09-15
2017-09-18	2017-09-18
2017-09-19	2017-09-19
2017-09-20	2017-09-20
2017-09-22	2017-09-22
2017-09-23	2017-09-23
2017-09-25	2017-09-25
2017-09-28	2017-09-28
2017-10-02	2017-10-02
2017-10-05	2017-10-05
2017-10-07	2017-10-07
2017-10-08	2017-10-08
2017-10-09	2017-10-09
2017-10-10	2017-10-10
2017-10-14	2017-10-14
2017-10-15	2017-10-15
2017-10-20	2017-10-20
2017-10-21	2017-10-21
2017-10-22	2017-10-22
2017-10-25	2017-10-25
2017-10-26	2017-10-26
2017-10-27	2017-10-27
2017-10-28	2017-10-28
2017-10-29	2017-10-29
2017-10-30	2017-10-30
2017-10-31	2017-10-31
2017-11-02	2017-11-02
2017-11-05	2017-11-05
2017-11-06	2017-11-06
2017-11-07	2017-11-07
2017-11-08	2017-11-08
2017-11-09	2017-11-09
2017-11-10	2017-11-10
2017-11-11	2017-11-11
2017-11-12	2017-11-12

2017-11-13	2017-11-13
2017-11-14	2017-11-14
2017-11-15	2017-11-15
2017-11-17	2017-11-17
2017-11-19	2017-11-19
2017-11-20	2017-11-20
2017-11-22	2017-11-22
2017-11-23	2017-11-23
2017-11-24	2017-11-24
2017-11-25	2017-11-25
2017-11-26	2017-11-26
2017-11-27	2017-11-27
2017-11-30	2017-11-30
2017-12-01	2017-12-01
2017-12-02	2017-12-02
2017-12-04	2017-12-04
2017-12-05	2017-12-05
2017-12-07	2017-12-07
2017-12-08	2017-12-08
2017-12-09	2017-12-09
2017-12-10	2017-12-10
2017-12-15	2017-12-15
2017-12-16	2017-12-16
2017-12-18	2017-12-18
2017-12-20	2017-12-20
2017-12-24	2017-12-24
2017-12-25	2017-12-25
2017-12-28	2017-12-28
2017-12-30	2017-12-30
2017-12-31	2017-12-31
2018-01-02	2018-01-02
2018-01-05	2018-01-05
2018-01-07	2018-01-07
2018-01-08	2018-01-08
2018-01-10	2018-01-10
2018-01-12	2018-01-12
2018-01-15	2018-01-15
2018-01-17	2018-01-17
2018-01-20	2018-01-20

2018-01-22	2018-01-22
2018-01-23	2018-01-23
2018-01-25	2018-01-25
2018-01-26	2018-01-26
2018-01-28	2018-01-28
2018-01-30	2018-01-30
2018-02-05	2018-02-05
2018-02-07	2018-02-07
2018-02-08	2018-02-08
2018-02-10	2018-02-10
2018-02-11	2018-02-11
2018-02-14	2018-02-14
2018-02-15	2018-02-15
2018-02-20	2018-02-20
2018-02-22	2018-02-22
2018-02-23	2018-02-23
2018-02-24	2018-02-24
2018-02-25	2018-02-25
2018-02-27	2018-02-27
2018-02-28	2018-02-28
2018-03-01	2018-03-01
2018-03-05	2018-03-05
2018-03-08	2018-03-08
2018-03-10	2018-03-10
2018-03-18	2018-03-18
2018-03-19	2018-03-19
2018-03-20	2018-03-20
2018-03-27	2018-03-27
2018-03-28	2018-03-28
2018-03-30	2018-03-30
2018-04-02	2018-04-02
2018-04-05	2018-04-05
2018-04-09	2018-04-09
2018-04-10	2018-04-10
2018-04-12	2018-04-12
2018-04-20	2018-04-20
2018-04-27	2018-04-27
2018-05-03	2018-05-03
2018-05-07	2018-05-07

2018-06-10	2018-06-10
2018-06-20	2018-06-20
2018-07-15	2018-07-15
2018-07-16	2018-07-16
2018-09-08	2018-09-08
2018-09-21	2018-09-21
2018-09-22	2018-09-22
2018-09-29	2018-09-29
2018-09-30	2018-09-30
2018-10-02	2018-10-02
2018-10-03	2018-10-03
2018-10-04	2018-10-04
2018-10-05	2018-10-05
2018-10-06	2018-10-06
2018-10-08	2018-10-08
2018-10-10	2018-10-10
2018-10-12	2018-10-12
2018-10-14	2018-10-14
2018-10-15	2018-10-15
2018-10-20	2018-10-20
2018-10-21	2018-10-21
2018-10-22	2018-10-22
2018-10-25	2018-10-25
2018-10-26	2018-10-26
2018-10-27	2018-10-27
2018-10-30	2018-10-30
2018-11-01	2018-11-01
2018-11-03	2018-11-03
2018-11-04	2018-11-04
2018-11-05	2018-11-05
2018-11-06	2018-11-06
2018-11-10	2018-11-10
2018-11-11	2018-11-11
2018-11-12	2018-11-12
2018-11-13	2018-11-13
2018-11-14	2018-11-14
2018-11-15	2018-11-15
2018-11-16	2018-11-16
2018-11-18	2018-11-18

2018-11-20	2018-11-20
2018-11-21	2018-11-21
2018-11-22	2018-11-22
2018-11-25	2018-11-25
2018-11-27	2018-11-27
2018-11-28	2018-11-28
2018-11-29	2018-11-29
2018-11-30	2018-11-30
2018-12-01	2018-12-01
2018-12-03	2018-12-03
2018-12-04	2018-12-04
2018-12-05	2018-12-05
2018-12-06	2018-12-06
2018-12-07	2018-12-07
2018-12-10	2018-12-10
2018-12-11	2018-12-11
2018-12-12	2018-12-12
2018-12-13	2018-12-13
2018-12-15	2018-12-15
2018-12-16	2018-12-16
2018-12-18	2018-12-18
2018-12-20	2018-12-20
2018-12-21	2018-12-21
2018-12-22	2018-12-22
2018-12-24	2018-12-24
2018-12-25	2018-12-25
2018-12-28	2018-12-28
2018-12-30	2018-12-30
2018-12-31	2018-12-31
2019-01-01	2019-01-01
2019-01-03	2019-01-03
2019-01-05	2019-01-05
2019-01-06	2019-01-06
2019-01-07	2019-01-07
2019-01-08	2019-01-08
2019-01-09	2019-01-09
2019-01-10	2019-01-10
2019-01-12	2019-01-12
2019-01-13	2019-01-13

2019-01-15	2019-01-15
2019-01-18	2019-01-18
2019-01-19	2019-01-19
2019-01-20	2019-01-20
2019-01-21	2019-01-21
2019-01-24	2019-01-24
2019-01-25	2019-01-25
2019-01-26	2019-01-26
2019-01-27	2019-01-27
2019-01-28	2019-01-28
2019-01-29	2019-01-29
2019-01-30	2019-01-30
2019-02-01	2019-02-01
2019-02-02	2019-02-02
2019-02-03	2019-02-03
2019-02-05	2019-02-05
2019-02-06	2019-02-06
2019-02-07	2019-02-07
2019-02-08	2019-02-08
2019-02-09	2019-02-09
2019-02-10	2019-02-10
2019-02-11	2019-02-11
2019-02-12	2019-02-12
2019-02-15	2019-02-15
2019-02-18	2019-02-18
2019-02-19	2019-02-19
2019-02-20	2019-02-20
2019-02-22	2019-02-22
2019-02-23	2019-02-23
2019-02-25	2019-02-25
2019-03-02	2019-03-02
2019-03-05	2019-03-05
2019-03-09	2019-03-09
2019-03-10	2019-03-10
2019-03-15	2019-03-15
2019-03-16	2019-03-16
2019-03-20	2019-03-20
2019-03-25	2019-03-25
2019-03-27	2019-03-27

2019-04-01	2019-04-01
2019-04-05	2019-04-05

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## Q241B: Q241 b.Type of product

Data file: Crop\_protection

### Overview

Valid: 0 Invalid: 0  
Type: Discrete Decimal: 0 Width: 12 Range: 1 - 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	Rodenticides

---

## Q241C: Q241 c . Brand product name

Data file: Crop\_protection

### Overview

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

### Questions and instructions

#### CATEGORIES

Value	Category
confidential	confidential

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## 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

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### CATEGORIES

Value	Category
confidential	confidential

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## C241C: CODED VARIABLE - stringcode

Data file: Crop\_protection

### Overview

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

## Questions and instructions

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### 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

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### CATEGORIES

Value	Category
2,4-D BUTYL ESTER	2,4-D BUTYL ESTER
2,4-D-BUTYLGlyCOL-ESTER(BUTOXYETHANOL)	2,4-D-BUTYLGlyCOL-ESTER(BUTOXYETHANOL)
ABAMECTIN (AVERMECTIN B)	ABAMECTIN (AVERMECTIN B)
ALPHA-CYPERMETHRIN	ALPHA-CYPERMETHRIN
ATRAZINE	ATRAZINE
AZOXYSTROBIN	AZOXYSTROBIN
BENSULFURON-METHYL	BENSULFURON-METHYL
BETA-CYFLUTHRIN	BETA-CYFLUTHRIN
BISPYRIBAC-SODIUM	BISPYRIBAC-SODIUM
BRODIFACOUm	BRODIFACOUm

CARBOFURAN	CARBOFURAN
CARBOSULFAN	CARBOSULFAN
CHLORANTRANILIPROLE	CHLORANTRANILIPROLE
CHLOREPYROPHOS	CHLOREPYROPHOS
CHLORPYRIFOS ETHYL	CHLORPYRIFOS ETHYL
COPPER-OXIDE	COPPER-OXIDE
CYHALOFOP-B	CYHALOFOP-B
CYPERMETHRIN	CYPERMETHRIN
DELTAMETHRIN	DELTAMETHRIN
DIFENOCONAZOLE	DIFENOCONAZOLE
DIMEHYPO	DIMEHYPO
DIMETHOMORPH	DIMETHOMORPH
Do not know	Do not know
FENOBUCARB	FENOBUCARB
FIPRONIL	FIPRONIL
GIBBERELIC ACID	GIBBERELIC ACID
GLYPHOSATE	GLYPHOSATE
GLYPHOSATE-ISOPROPYLAMINE	GLYPHOSATE-ISOPROPYLAMINE
GLYPHOSATE-POTASSIUM-SALT	GLYPHOSATE-POTASSIUM-SALT
IMAZAPYR-IPA-SALT	IMAZAPYR-IPA-SALT
IMIDACLOPRID	IMIDACLOPRID
INDOXACARB	INDOXACARB
ISOPROFIL AMINO GLYPHOSATE	ISOPROFIL AMINO GLYPHOSATE
ISOPROTHIOLANE	ISOPROTHIOLANE
LAMBDA CYHALOTHRIN	LAMBDA CYHALOTHRIN
MANCOZEB (VONDOZEB)	MANCOZEB (VONDOZEB)
MANDIPROPAMID	MANDIPROPAMID
MESOTRIONE	MESOTRIONE
METHOMYL	METHOMYL
METIRAM	METIRAM
METSULFURON	METSULFURON
METSULFURON-METHYL	METSULFURON-METHYL
MIPC (ISOPROCARB)	MIPC (ISOPROCARB)
MONOSULTAP	MONOSULTAP
N-GLYCINE	N-GLYCINE
OXYFLUORFEN	OXYFLUORFEN
PARAQUAT DICHLORIDE	PARAQUAT DICHLORIDE
PENOXSULAM	PENOXSULAM
PERMETHRIN	PERMETHRIN

PRETILACHLOR	PRETILACHLOR
PROFENOFOSS	PROFENOFOSS
PROPICONAZOLE	PROPICONAZOLE
PROPINEB	PROPINEB
PROPOXUR	PROPOXUR
PYMETROZINE	PYMETROZINE
PYRACLOSTROBINE	PYRACLOSTROBINE
PYRAZOSULFURON	PYRAZOSULFURON
S.FRUGIPERDA-BACULOVIRUS	S.FRUGIPERDA-BACULOVIRUS
SULPHUR	SULPHUR
SURFACTANTS	SURFACTANTS
TEBUCONAZOLE	TEBUCONAZOLE
TEBUTHIURON	TEBUTHIURON
THIAMETHOXAM	THIAMETHOXAM
THIOPHANATE-METYL	THIOPHANATE-METYL
TOPRAMEZONE	TOPRAMEZONE
TRIASULFURON	TRIASULFURON

## C241CP1: CODED VARIABLE - amount of ai1

Data file: Crop\_protection

### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0.7 - 865 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**

<b>Value</b>	<b>Category</b>
2,4-D BUTYL ESTER	2,4-D BUTYL ESTER
ATRAZINE	ATRAZINE
BISPYRIBAC-SODIUM	BISPYRIBAC-SODIUM
CHLOROTHALONIL	CHLOROTHALONIL
CYHALOPOP-B	CYHALOPOP-B
CYPERMETHRIN	CYPERMETHRIN
DIFENOCONAZOLE	DIFENOCONAZOLE
EPOXYCONAZOLE	EPOXYCONAZOLE
LAMBDA CYHALOTHRIN	LAMBDA CYHALOTHRIN
METALAXIL-M	METALAXIL-M
METHOMYL	METHOMYL
PROPICONAZOLE	PROPICONAZOLE
PYRACLOSTROBINE	PYRACLOSTROBINE
THIAMETHOXAM	THIAMETHOXAM
TRICYCLAZOLE	TRICYCLAZOLE

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

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 10 Range: 4 - 500 Format: Numeric

**C241CA3: CODED VARIABLE - active ingredient3****Data file:** Crop\_protection**Overview**

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

## Questions and instructions

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### CATEGORIES

Value	Category
CHLORIMURON-ETHYL	CHLORIMURON-ETHYL

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### **C241CP3: CODED VARIABLE - amount of ai3**

**Data file:** Crop\_protection

#### Overview

Valid: 0    Invalid: 0  
 Type: Continuous    Decimal: 0    Width: 10    Range: 0.7 - 1    Format: Numeric

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

**Data file:** Crop\_protection

#### Overview

Valid: 0    Invalid: 0  
 Type: Continuous    Decimal: 0    Width: 10    Range: 3 - 865    Format: Numeric

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

**Data file:** Crop\_protection

#### Overview

Valid: 0    Invalid: 0  
 Type: Continuous    Decimal: 0    Width: 10    Range: 1 - 6000    Format: Numeric

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### **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

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### 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 - 7200 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**

<b>Value</b>	<b>Category</b>
-	-
99	99
accelerate growth	accelerate growth
accelerate the growth of rice	accelerate the growth of rice
agar batang sehat; warna hijau tetapi membuat buah padi menguning	agar batang sehat; warna hijau tetapi membuat buah padi menguning
agar padi bening	agar padi bening
akar jagung tidak busuk; daun tidak memutih dan kekuningan	akar jagung tidak busuk; daun tidak memutih dan kekuningan
alang-alang; rumput	alang-alang; rumput
ant	ant
ant; caterpillar; insect	ant; caterpillar; insect
ant; grasshopper; cicada	ant; grasshopper; cicada
ant; insect	ant; insect
ant; insect; bird	ant; insect; bird
aupaya padinya bernas	aupaya padinya bernas
bacteria	bacteria
bacteria;ant; insect	bacteria;ant; insect
bale	bale
basmi rumput	basmi rumput
bedbug	bedbug
belalang	belalang

belalang ; serangga	belalang ; serangga
belalang; caterpillar	belalang; caterpillar
belalang; kupu-kupu; ulat hijau	belalang; kupu-kupu; ulat hijau
belalang; semut	belalang; semut
belalang; ulat	belalang; ulat
belalang; ulat penggerek batang	belalang; ulat penggerek batang
belalang; ulat-ulat	belalang; ulat-ulat
belalang; ulat-ulat hijau	belalang; ulat-ulat hijau
beluk	beluk
berat buah lebih	berat buah lebih
bercak dan busuk batang	bercak dan busuk batang
bercak daun	bercak daun
berdaun lebar	berdaun lebar
berdaun sempit dan lebar	berdaun sempit dan lebar
biar padi tambah bagus dan isi tambah padat	biar padi tambah bagus dan isi tambah padat
bias	bias
bibit batang	bibit batang
blas	blas
blas ; unrotten stem	blas ; unrotten stem
blas daun	blas daun
blas disease	blas disease
blight;	blight;
blight; fruit ; stem borer	blight; fruit ; stem borer
blight; fungus	blight; fungus
bobot jagung besar	bobot jagung besar
bolster	bolster
booster;mengkilapkan	booster;mengkilapkan
borer	borer
bule	bule
bule putih	bule putih
busuk akar	busuk akar
busuk akar dan batang	busuk akar dan batang
busuk akar; busuk batang	busuk akar; busuk batang
busuk akar; daun memutih	busuk akar; daun memutih
busuk batang	busuk batang
busuk batang dan akar	busuk batang dan akar
busuk buah	busuk buah
busuk buah ; batang	busuk buah ; batang
busuk buah; kanker batang	busuk buah; kanker batang

busuk daun	busuk daun
butterfly	butterfly
cartepillar	cartepillar
caterpil	caterpil
caterpillar	caterpillar
caterpillar ; butterfly	caterpillar ; butterfly
caterpillar; ant	caterpillar; ant
caterpillar; ant; ; rat	caterpillar; ant; ; rat
caterpillar; ant; insect; cockroach; worm	caterpillar; ant; insect; cockroach; worm
caterpillar; ant; rat	caterpillar; ant; rat
caterpillar; butterfly	caterpillar; butterfly
caterpillar; grasshopper	caterpillar; grasshopper
caterpillars	caterpillars
caterpillars ;sundep	caterpillars ;sundep
caterpillars dan sundep	caterpillars dan sundep
caterpillars; mole cricket	caterpillars; mole cricket
caterpillars; mole-cricket	caterpillars; mole-cricket
caterpillars; moth	caterpillars; moth
caterpillars; sundep	caterpillars; sundep
catterpilars	catterpilars
cicada; grasshopper; ant	cicada; grasshopper; ant
clean up of paddy	clean up of paddy
compacting fruit	compacting fruit
compacting the contents of rice	compacting the contents of rice
condensing fruit	condensing fruit
control disease	control disease
controlling disease	controlling disease
crackle	crackle
deadheart	deadheart
deadheart; caterpillar	deadheart; caterpillar
deadheart; stem borer	deadheart; stem borer
disease	disease
don't know	don't know
downy mildew	downy mildew
eradicate caterpillar	eradicate caterpillar
eradicate fungi	eradicate fungi
eradicate grass	eradicate grass
eradicate pest	eradicate pest
eradicate weeds	eradicate weeds

flea	flea
fly	fly
fruit ; stem borer; blight	fruit ; stem borer; blight
fruit an	fruit an
fruit bo	fruit bo
fruit st	fruit st
fungi	fungi
fungi ; crackle	fungi ; crackle
fungi; caterpillar	fungi; caterpillar
fungi; leaf spots	fungi; leaf spots
fungi;crackle	fungi;crackle
fungus	fungus
fungus bolster	fungus bolster
fungus; blight	fungus; blight
fungus; leaf spot	fungus; leaf spot
grass	grass
grass ; weeds	grass ; weeds
grasshopper; caterpillar; mouse	grasshopper; caterpillar; mouse
grasshopper; mouse ; other pest	grasshopper; mouse ; other pest
grasshopper; mouse ; others insect	grasshopper; mouse ; others insect
gulma	gulma
gulma ; rumput	gulma ; rumput
gulma;rumput	gulma;rumput
gulms	gulms
hama	hama
hama penggerat batang & daun	hama penggerat batang & daun
hama pengerek batang	hama pengerek batang
hama penggerek	hama penggerek
hama penggerek batang dan daun	hama penggerek batang dan daun
hama penggerek batang padi	hama penggerek batang padi
hama serangga	hama serangga
hama sunder	hama sunder
hama surlup; ulat-ulat dan hama lainnya	hama surlup; ulat-ulat dan hama lainnya
hama tupai	hama tupai
hama ulat-ulat	hama ulat-ulat
hama wereng	hama wereng
hama wereng; gulma	hama wereng; gulma
hama wereng; walang sangit	hama wereng; walang sangit
hama wereng; walang sangit; ulat	hama wereng; walang sangit; ulat

hama; ulat	hama; ulat
hama; ulat-ulat	hama; ulat-ulat
hama; ulat-ulat; belalang	hama; ulat-ulat; belalang
helopeltis	helopeltis
helpeltis	helpeltis
helpeltis; busuk buah	helpeltis; busuk buah
helpeltis; pbk	helpeltis; pbk
hepatitis; busuk daun	hepatitis; busuk daun
imunisasi tanaman blofertiliser	imunisasi tanaman blofertiliser
insect	insect
insects	insects
isi lebih padat	isi lebih padat
isi padi supaya padat	isi padi supaya padat
jamur	jamur
jamur akar busuk dan daun memutih	jamur akar busuk dan daun memutih
jamur akar; jamur batang; jamur daun	jamur akar; jamur batang; jamur daun
jamur akar; jamur daun; jamur batang	jamur akar; jamur daun; jamur batang
jamur bercahk daun	jamur bercahk daun
jamur buah; jamur akar	jamur buah; jamur akar
jamur dan bercak daun	jamur dan bercak daun
jamur daun	jamur daun
jamur daun dan bercak daun	jamur daun dan bercak daun
jamur fatogen	jamur fatogen
jamur penyakit bercak daun	jamur penyakit bercak daun
jamur untuk daun dan akar daun tidak memutih dan kekuningan	jamur untuk daun dan akar daun tidak memutih dan kekuningan
jamur; busuk akar dan batang	jamur; busuk akar dan batang
jamur; mengkokohkan tanaman	jamur; mengkokohkan tanaman
jamur;penyakit bercak daun	jamur;penyakit bercak daun
jangkrik dan ulat	jangkrik dan ulat
jangkrik; semut; belalang dan tikus	jangkrik; semut; belalang dan tikus
jmaur	jmaur
keong	keong
kill caterpillar pest	kill caterpillar pest
kill caterpillar pests	kill caterpillar pests
kill pest	kill pest
kill the caterpillar ; pest	kill the caterpillar ; pest
kill the caterpillar	kill the caterpillar
kill the caterpillar ; pest	kill the caterpillar ; pest

kill watercress grass in rice fields	kill watercress grass in rice fields
kresek	kresek
kupu-kupu	kupu-kupu
kupu-kupu hama	kupu-kupu hama
kupu-kupu; belalang; ulat-ulat	kupu-kupu; belalang; ulat-ulat
kutu putih	kutu putih
lalat	lalat
lalat bibit	lalat bibit
leaf blast	leaf blast
leaf bug;downy mildew	leaf bug;downy mildew
leaf roller	leaf roller
leaf rust	leaf rust
leaf spot	leaf spot
leaf spots	leaf spots
leafblast	leafblast
leafhopp	leafhopp
leafhopper	leafhopper
leafhopper ; stink bug	leafhopper ; stink bug
leafhopper; stem borer pests	leafhopper; stem borer pests
leafhoppers	leafhoppers
leafhoppers; butterfly	leafhoppers; butterfly
leafhoppers; caterpillars	leafhoppers; caterpillars
leafhoppers; ulat	leafhoppers; ulat
lulangan; wewehan; teki	lulangan; wewehan; teki
make a fast planting	make a fast planting
make a strong stems ; leaves	make a strong stems ; leaves
mearngsang biji-biji jagung lebih berisi	mearngsang biji-biji jagung lebih berisi
memacu buah	memacu buah
memadatkan buah padi	memadatkan buah padi
membasmi belalang; ulat	membasmi belalang; ulat
membasmi dan melindungi padi dari belalang ulat	membasmi dan melindungi padi dari belalang ulat
membasmi hama	membasmi hama
membasmi penyakit putih	membasmi penyakit putih
membasmi rumput	membasmi rumput
membasmi rumput lulangan; rumput tuton; rumput wateng	membasmi rumput lulangan; rumput tuton; rumput wateng
membasmi rumput teki; wewehan dan lulangan	membasmi rumput teki; wewehan dan lulangan
membasmi sundep	membasmi sundep
membasmi sundep; penggerek batang	membasmi sundep; penggerek batang
membasmi ulat daun	membasmi ulat daun

membasmi ulat daun dan kresek	membasmi ulat daun dan kresek
membasmi ulat; sundep; wereng	membasmi ulat; sundep; wereng
membasmi wereng	membasmi wereng
membersihkan buah padi	membersihkan buah padi
membunuh hama sundep	membunuh hama sundep
membunuh hama ulat	membunuh hama ulat
membunuh hama wereng	membunuh hama wereng
membunuh hama wereng dan walang sangit	membunuh hama wereng dan walang sangit
membunuh hama; ulat; walang sangit	membunuh hama; ulat; walang sangit
membunuh keong	membunuh keong
membunuh rumput berdaun lebar	membunuh rumput berdaun lebar
membunuh semua jenis rumput	membunuh semua jenis rumput
membunuh sundep dan jamur agar tidak datang	membunuh sundep dan jamur agar tidak datang
membunuh ulat	membunuh ulat
membunuh ulat daun dan sundep	membunuh ulat daun dan sundep
membunuh ulat; walang sangit	membunuh ulat; walang sangit
membunuh walang sangit	membunuh walang sangit
membunuh wereng	membunuh wereng
memperbanyak anak-anak hama; mencegah penyakit bias	memperbanyak anak-anak hama; mencegah penyakit bias
memperbanyak anak-anak padi	memperbanyak anak-anak padi
memperbanyak anak-anak padi agar batang tumbuh kuat	memperbanyak anak-anak padi agar batang tumbuh kuat
mempercepat pengeluaran padibawah	mempercepat pengeluaran padibawah
mempercepat pertumbuhan	mempercepat pertumbuhan
mempercepat pertumbuhan padi	mempercepat pertumbuhan padi
memperkokoh pertumbuhan padi	memperkokoh pertumbuhan padi
memperpadat buah	memperpadat buah
menambah isi padi dan membunuh jamur padi	menambah isi padi dan membunuh jamur padi
mencegah hama ulat	mencegah hama ulat
mencegah hama ulat dan wereng	mencegah hama ulat dan wereng
mencegah jamur	mencegah jamur
mencegah jamur agar buah lebih mengkilap	mencegah jamur agar buah lebih mengkilap
mencegah jamur; mencegah sundep	mencegah jamur; mencegah sundep
mencegah sundep	mencegah sundep
mencegah sundep dan ulat	mencegah sundep dan ulat
mencegah sunder	mencegah sunder
mencegah ular merasuk tanaman padi	mencegah ular merasuk tanaman padi
mencegah ulat	mencegah ulat
mencegah ulat; sundep; wereng	mencegah ulat; sundep; wereng
mencegah ulat; sundup; wereng	mencegah ulat; sundup; wereng

mencegah wereng	mencegah wereng
mencegah wereng menyerang tanaman padi	mencegah wereng menyerang tanaman padi
mengatasi rumput jenis teki tekian; daun lebar;	mengatasi rumput jenis teki tekian; daun lebar;
mengendalikan bintik-bintik didaun jagung	mengendalikan bintik-bintik didaun jagung
mengendalikan hama	mengendalikan hama
mengendalikan jamur dan menambahkan isi gabah	mengendalikan jamur dan menambahkan isi gabah
menghijaukan daun	menghijaukan daun
menghilangkan kleper kupu-kupu kecil	menghilangkan kleper kupu-kupu kecil
mengokohkan padi mempestidasi padi dan mengatasi jamur	mengokohkan padi mempestidasi padi dan mengatasi jamur
menjadikan biji-biji jagung lebih berisi	menjadikan biji-biji jagung lebih berisi
menyia gabah lebih padat dan membersikan padi jadi padat	menyia gabah lebih padat dan membersikan padi jadi padat
menyuburkan bintik-bintik didaun jagung	menyuburkan bintik-bintik didaun jagung
menyuburkan daun	menyuburkan daun
merangsang biji jagung lebih berisi	merangsang biji jagung lebih berisi
merangsang biji-biji jagung lebih berisi	merangsang biji-biji jagung lebih berisi
merangsang buah	merangsang buah
merangsang bulir padi lebih bernas;mentes;berisi	merangsang bulir padi lebih bernas;mentes;berisi
merangsang bulir padi menjadi lebih bernas;mentes;berisi	merangsang bulir padi menjadi lebih bernas;mentes;berisi
merangsang bulir-bulir padi lebih besar ; berisi	merangsang bulir-bulir padi lebih besar ; berisi
merangsang bulir-bulir padi lebih besar dan berisi	merangsang bulir-bulir padi lebih besar dan berisi
merangsang bulir-bulir padi menjadi lebih besar ; berisi	merangsang bulir-bulir padi menjadi lebih besar ; berisi
merangsang pertumbuhan buah bunga; tunas dan buah	merangsang pertumbuhan buah bunga; tunas dan buah
merangsang pertumbuhan bunga; tunas dan buah	merangsang pertumbuhan bunga; tunas dan buah
mmebunuh walang sangit	mmebunuh walang sangit
mnecegah hama ulat dan wereng	mnecegah hama ulat dan wereng
mole-cricket; caterpillars	mole-cricket; caterpillars
neck rot	neck rot
obat daun	obat daun
parasite;weed	parasite;weed
pbk - cacao fruit borer	pbk - cacao fruit borer
pbk - cacao fruit borer; enolpelis	pbk - cacao fruit borer; enolpelis
pbk - cacao fruit borer; enolpelis pest	pbk - cacao fruit borer; enolpelis pest
pbk ; ulat	pbk ; ulat
pbk hama pengeras coklat	pbk hama pengeras coklat
pbk semut api rayap tanah	pbk semut api rayap tanah
pbk; belalang; semut; ulat	pbk; belalang; semut; ulat
pbk; ulat; belalang	pbk; ulat; belalang
pbk; ulat; semut	pbk; ulat; semut

pencegahan jamur	pencegahan jamur
pendcegah siput	pendcegah siput
pengendali gulma	pengendali gulma
pengerek batang	pengerek batang
penggerek	penggerek
penggerek batang	penggerek batang
penggerek batang; wereng & belalang	penggerek batang; wereng & belalang
penggerek daun ulat grayak	penggerek daun ulat grayak
penumbuh tanaman	penumbuh tanaman
penyakit bercak daun	penyakit bercak daun
penyakit bias daun	penyakit bias daun
penyakit blas potong leher	penyakit blas potong leher
penyakit blasbusuk leher	penyakit blasbusuk leher
penyakit blast busuk leher	penyakit blast busuk leher
penyakit blast potong leher	penyakit blast potong leher
penyakit blastbusuk leher	penyakit blastbusuk leher
penyakit blastpotong leher	penyakit blastpotong leher
penyakit busuk leher	penyakit busuk leher
penyakit daun	penyakit daun
penyakit jamur	penyakit jamur
perangsang buah	perangsang buah
perangsang pertumbuhan	perangsang pertumbuhan
perbaik buah padi	perbaik buah padi
perbaik buah padi agar lebih berisi	perbaik buah padi agar lebih berisi
percepatan buah	percepatan buah
percepatan tanaman	percepatan tanaman
perkembangan pertumbuhan	perkembangan pertumbuhan
pertumbuhan tanaman atau buah	pertumbuhan tanaman atau buah
pertumbuhan tanaman dan buah	pertumbuhan tanaman dan buah
pertumguhan tanaman dan buah	pertumguhan tanaman dan buah
perubahan tanaman	perubahan tanaman
pest	pest
pest; stem disease	pest; stem disease
pesticides stickers	pesticides stickers
pests	pests
potong leher ; blas daun	potong leher ; blas daun
prevent broken neck	prevent broken neck
prevent catepillar	prevent catepillar
prevent caterpillar	prevent caterpillar

prevent fungi	prevent fungi
prevent growing grass	prevent growing grass
prevent insect	prevent insect
prevent kresek	prevent kresek
prevent mushrooms	prevent mushrooms
prevent of catterpilars	prevent of catterpilars
prevent of fungi	prevent of fungi
prevent pest	prevent pest
prevent pest attack rice	prevent pest attack rice
prevent the growth of grass seed	prevent the growth of grass seed
prevent to pests	prevent to pests
prevent weeds	prevent weeds
rat	rat
red insectides; toadstool in leaves	red insectides; toadstool in leaves
root fungus	root fungus
rotten f	rotten f
rotten fruit	rotten fruit
rotten neck	rotten neck
rotten s	rotten s
rotten stem	rotten stem
rotten stem ; stem borer	rotten stem ; stem borer
rum[ut	rum[ut
rumput	rumput
rumput ; alang-alang	rumput ; alang-alang
rumput berdaun kecil	rumput berdaun kecil
rumput berdaun lebar	rumput berdaun lebar
rumput berdaun lebat	rumput berdaun lebat
rumput gulma	rumput gulma
rumput lulangan; teki; wewehan	rumput lulangan; teki; wewehan
rumput lulangan; tuton dan wateng	rumput lulangan; tuton dan wateng
rumput lulangan; tuton; dan wateng	rumput lulangan; tuton; dan wateng
rumput lulangan; tuton; wateng	rumput lulangan; tuton; wateng
rumput lulangan; wewehan; teki	rumput lulangan; wewehan; teki
rumput lulangen	rumput lulangen
rumput puteri malu	rumput puteri malu
rumput sela;jagung	rumput sela;jagung
rumput teki dan wewehan	rumput teki dan wewehan
rumput teki; wewehan; dan lulangan	rumput teki; wewehan; dan lulangan
rumput teki; wewehan; lulungan;	rumput teki; wewehan; lulungan;

rumput yang menjalar	rumput yang menjalar
rumput; alang-alang	rumput; alang-alang
rumput; alang-alang; dan rumput teki	rumput; alang-alang; dan rumput teki
rumput; gulma	rumput; gulma
rumput; putri malu	rumput; putri malu
rumput;gulma	rumput;gulma
sangat berguna untuk menambah pengetahuan	sangat berguna untuk menambah pengetahuan
seed protection	seed protection
semut dan ulat	semut dan ulat
semut; belalang	semut; belalang
semut; jangkrik dan belalang	semut; jangkrik dan belalang
semut; jangkrik dan burung perkutut	semut; jangkrik dan burung perkutut
semut; jangkrik; belalang	semut; jangkrik; belalang
semut; jangkrik; burung perkutut	semut; jangkrik; burung perkutut
semut; ulat dan jangkrik	semut; ulat dan jangkrik
semut; ulat; belalang	semut; ulat; belalang
serangga	serangga
serangga busuk buah	serangga busuk buah
sindep	sindep
small insects	small insects
small insects;	small insects;
snail	snail
solid rice content	solid rice content
speed up growth	speed up growth
speed up plant growth	speed up plant growth
speed up the fruiting process	speed up the fruiting process
spots	spots
stem ;	stem ;
stem bor	stem bor
stem borer	stem borer
stem borer ; deadheart	stem borer ; deadheart
stem borer pests	stem borer pests
stem borer pests; leafhopper	stem borer pests; leafhopper
stem borer; fungus	stem borer; fungus
stem disease	stem disease
stem disease; pest	stem disease; pest
stem pest	stem pest
strength the roots	strength the roots
strengthen rice stems ; solidify rice content	strengthen rice stems ; solidify rice content

sudnep; ulat daun	sudnep; ulat daun
sumdep	sumdep
sumdep; beluh; wereng	sumdep; beluh; wereng
sumdep; beluk; wereng	sumdep; beluk; wereng
sundep	sundep
sundep dan wereng	sundep dan wereng
sundep penggerek batang dan wereng	sundep penggerek batang dan wereng
sundep pest	sundep pest
sundep; beluk	sundep; beluk
sundep; ulat	sundep; ulat
sundep; ulat bulu	sundep; ulat bulu
sundep; ulat daun	sundep; ulat daun
sundep;beluk	sundep;beluk
sundep;caterpillars	sundep;caterpillars
sundet	sundet
supaya padi padat isi	supaya padi padat isi
supaya padiny abernas	supaya padiny abernas
supaya padinya bernas	supaya padinya bernas
surdep	surdep
tikus	tikus
to kill fungi;kresek ; add rice mass	to kill fungi;kresek ; add rice mass
ular	ular
ular dan belalang	ular dan belalang
ular dan walang	ular dan walang
ulat	ulat
ulat 3 dan hama lainnya	ulat 3 dan hama lainnya
ulat batang; ulat buah dan ulat daun	ulat batang; ulat buah dan ulat daun
ulat batang; ulat daun	ulat batang; ulat daun
ulat buah; ulat daun	ulat buah; ulat daun
ulat dan belalang	ulat dan belalang
ulat dan hama lainnya	ulat dan hama lainnya
ulat daun	ulat daun
ulat daun dam kresek	ulat daun dam kresek
ulat daun dan kresek	ulat daun dan kresek
ulat daun; kresek	ulat daun; kresek
ulat daun; walang sangit	ulat daun; walang sangit
ulat daun; walangsangit	ulat daun; walangsangit
ulat daun; wereng	ulat daun; wereng
ulat di dalam tanaman	ulat di dalam tanaman

ulat gragah	ulat gragah
ulat grayak; wereng dan orong-orong	ulat grayak; wereng dan orong-orong
ulat pemakan daun	ulat pemakan daun
ulat penggulung	ulat penggulung
ulat-ulat	ulat-ulat
ulat-ulat; akar	ulat-ulat; akar
ulat-ulat; belalang	ulat-ulat; belalang
ulat; belalang	ulat; belalang
ulat; helpeltis; pbk	ulat; helpeltis; pbk
ulat; kupu-kupu	ulat; kupu-kupu
ulat; pbk helpeltis	ulat; pbk helpeltis
ulat; pbk; helpeltis	ulat; pbk; helpeltis
ulat; sumdep; wereng	ulat; sumdep; wereng
ulat; tikus	ulat; tikus
ulet grayak; wereng dan orong-orong	ulet grayak; wereng dan orong-orong
ulet; sumdep; wereng	ulet; sumdep; wereng
ulet; sundep; wereng	ulet; sundep; wereng
ulet;sumdep; wereng	ulet;sumdep; wereng
untuk emmbasmi rumput	untuk emmbasmi rumput
untuk melakukan biji rumput	untuk melakukan biji rumput
untuk membantu rumput;soket	untuk membantu rumput;soket
untuk membasi hama	untuk membasi hama
untuk membasi hama seperti : wereng; ulat	untuk membasi hama seperti : wereng; ulat
untuk membasi hama seperti ulat; wereng	untuk membasi hama seperti ulat; wereng
untuk membasi hama serangga dan ulat	untuk membasi hama serangga dan ulat
untuk membasi hama: ulat; wereng	untuk membasi hama: ulat; wereng
untuk membasi hama; ulat pengganggu tanaman jagung seperti belalang	untuk membasi hama; ulat pengganggu tanaman jagung seperti belalang
untuk membasi penyakit hama ulat	untuk membasi penyakit hama ulat
untuk membasi rumput	untuk membasi rumput
untuk membasi rumput ilalang	untuk membasi rumput ilalang
untuk membasi rumput speerti : bebulu; teteki dan jejarum	untuk membasi rumput speerti : bebulu; teteki dan jejarum
untuk membasi rumput tanpa mengganggu tanaman jagung	untuk membasi rumput tanpa mengganggu tanaman jagung
untuk membasi rumput yang menanggangu tanaman	untuk membasi rumput yang menanggangu tanaman
untuk membasi rumput yang mengganggu tanaman	untuk membasi rumput yang mengganggu tanaman
untuk membasi rumput; ilalang	untuk membasi rumput; ilalang

untuk membasmi ulat	untuk membasmi ulat
untuk membasmi ulat; belalang	untuk membasmi ulat; belalang
untuk membasmi ulat; belalang; serangga	untuk membasmi ulat; belalang; serangga
untuk membasmi ulat; semut	untuk membasmi ulat; semut
untuk memberantas rumput	untuk memberantas rumput
untuk membunuh walang sangit	untuk membunuh walang sangit
untuk mencegah datangnyasemut; burung pemakan; bibit jagung; ulat	untuk mencegah datangnyasemut; burung pemakan; bibit jagung; ulat
untuk mencegah hama	untuk mencegah hama
untuk mencegah hama seperti wereng; hama; belalang	untuk mencegah hama seperti wereng; hama; belalang
untuk mencegah hama ulat menyerang padi	untuk mencegah hama ulat menyerang padi
untuk mencegah hama wereng	untuk mencegah hama wereng
untuk mencegah jamur	untuk mencegah jamur
untuk mencegah kesuburan jagung dan ketahanan pokok jagung	untuk mencegah kesuburan jagung dan ketahanan pokok jagung
untuk mencegah rumput	untuk mencegah rumput
untuk mencegah; membasmi rumput	untuk mencegah; membasmi rumput
untuk mengatasi rumput;gulma; suket teki dan siket kerokot	untuk mengatasi rumput;gulma; suket teki dan siket kerokot
untuk mengedalikan penyakit hama ulat	untuk mengedalikan penyakit hama ulat
untuk mengendalikan bintik-bintik didaun jagung	untuk mengendalikan bintik-bintik didaun jagung
untuk mengendalikan gulma	untuk mengendalikan gulma
untuk mengendalikan hama	untuk mengendalikan hama
untuk mengendalikan hama; ulat; belalang; semut	untuk mengendalikan hama; ulat; belalang; semut
untuk mengendalikan jamur menyerang padi	untuk mengendalikan jamur menyerang padi
untuk menyuburkan daun dan menghilangkan bintik-bintik didaun jagung	untuk menyuburkan daun dan menghilangkan bintik-bintik didaun jagung
untuk pengakaran jagung agar tahan terhadap terpaan angin	untuk pengakaran jagung agar tahan terhadap terpaan angin
untuk pengendali hama ulat	untuk pengendali hama ulat
untuk walang sangit	untuk walang sangit
walang	walang
walang dan kupu-kupu	walang dan kupu-kupu
walang dan ular	walang dan ular
walang daun dan ular	walang daun dan ular
walang sangit	walang sangit
walang sangit ; leafhoppers	walang sangit ; leafhoppers
walang sangit dan ulat	walang sangit dan ulat
walang; ulat	walang; ulat
warna lebih tua	warna lebih tua
weed	weed

weed killer	weed killer
weeds	weeds
weeds ; grass	weeds ; grass
werebg	werebg
wereng	wereng
wereng dan walang sangit	wereng dan walang sangit
wereng; bule daun jagung memutih	wereng; bule daun jagung memutih
wereng; bule daun memutih	wereng; bule daun memutih
wereng; bule daun memutih dan kekuningan	wereng; bule daun memutih dan kekuningan
wereng; bule daun meutih daun kekuningan	wereng; bule daun meutih daun kekuningan
wereng; bule; daun memutih	wereng; bule; daun memutih
wereng; busuk buah; daun yang memutih	wereng; busuk buah; daun yang memutih
wereng; daun memutih	wereng; daun memutih
wereng; pengerek batang	wereng; pengerek batang
wereng; sumdep; ulet	wereng; sumdep; ulet
wereng; sundep	wereng; sundep
wereng; ulat daun dan ulat buah	wereng; ulat daun dan ulat buah
wereng; ulat-ulat	wereng; ulat-ulat
wereng; walang sangit	wereng; walang sangit
wereng; walang sangit; belalang dan penggerek batang padi	wereng; walang sangit; belalang dan penggerek batang padi
wereng; walang; ulat grayak	wereng; walang; ulat grayak
wereng;walang sangit	wereng;walang sangit
whorl maggot	whorl maggot

## 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: 9 - 100 Format: Numeric

**Q241J: Q241 j. Percentage of crop free of pests/ diseases/ weeds at harvest (in %)****Data file:** Crop\_protection**Overview**

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

**Q241K: Q241 k. Equipment type ?****Data file:** Crop\_protection**Overview**

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

**Questions and instructions****CATEGORIES**

<b>Value</b>	<b>Category</b>
1	Motorized boom sprayer
2	Hand operated sprayers (e.g. knapsack),
3	Airblast sprayer
4	Other
5	Granular applicator

**Q241N: Q241 n. What is the timing of the treatment - before crop-emergence or after crop-emergence****Data file:** Crop\_protection**Overview**

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

## Questions and instructions

---

### CATEGORIES

Value	Category
1	After crop-emergence (crop already emerged)
2	Before crop-emergence (soil is treated)

---

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

Data file: **Crop\_protection**

### Overview

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

## Questions and instructions

---

### CATEGORIES

Value	Category
1	No
2	Yes

---

## **HARVESTYEAR: Year in which the data was collected**

### **Data file: Location**

#### **Overview**

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

---

## **COUNTRY: Country**

### **Data file: Location**

#### **Overview**

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

#### **Questions and instructions**

---

#### CATEGORIES

Value	Category
Indonesia	Indonesia

---

## **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
IndonesiaCocoa1	IndonesiaCocoa1
IndonesiaCocoa2	IndonesiaCocoa2
IndonesiaMaize1	IndonesiaMaize1
IndonesiaMaize1+2	IndonesiaMaize1+2
IndonesiaMaize2	IndonesiaMaize2
IndonesiaRice1	IndonesiaRice1
IndonesiaRice1+2	IndonesiaRice1+2
IndonesiaRice2	IndonesiaRice2

---

## **GROWERID: Unique identifier per grower**

**Data file: Location**

### **Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 19100100 - 19216114 Format: Numeric

---

## **GROWINGAREA: Field code (A or B)**

**Data file: Location**

### **Overview**

Valid: 0 Invalid: 0

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

### **Questions and instructions**

---

#### CATEGORIES

Value	Category
A	A
B	B

---

## **CORNER: Multiple corners of same field can be registered (only from 2018 onwards)**

**Data file: Location**

### **Overview**

Valid: 0 Invalid: 0

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

### **Questions and instructions**

---

#### CATEGORIES

Value	Category
1	1
2	2
3	3
4	4
One gps location of each farm	One gps location of each farm
One gps location of each growingarea	One gps location of each growingarea

---

## GPS\_OPTION: gps\_option

**Data file:** Location

### Overview

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

### Questions and instructions

---

CATEGORIES

Value	Category
1	interviewer walks around the field

---

## GPS\_SHAPE: Description of the field (from 2018 onwards)

**Data file:** Location

### Overview

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

### Questions and instructions

---

CATEGORIES

Value	Category
1	Irregular shape
2	Rectangle

---

## Q22D\_LAT\_DEG: Latititude 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

---

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

**Data file:** Location

## Overview

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

## Questions and instructions

---

### CATEGORIES

Value	Category
1	Open field

---

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

**Data file:** Location

## Overview

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

## Questions and instructions

---

### CATEGORIES

Value	Category
No	No
Yes	Yes

---

## Q25: Q25. Farm address - postal code

Data file: Location

## Overview

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

## Questions and instructions

---

### CATEGORIES

Value	Category
-	-
21255	21255
24251	24251
24651	24651
24661	24661
24671	24671
246751	246751
24761	24761
27263	27263
34125	34125
34128	34128
34172	34172
34182	34182
35453	35453
46182	46182
53257	53257
53265	53265
53272	53272

53273	53273
54258	54258
54363	54363
54366	54366
54381	54381
54382	54382
54392	54392
57692	57692
58252	58252
582525	582525
58254	58254
58255	58255
58383	58383
62355	62355
64151	64151
64153	64153
64154	64154
64156	64156
64161	64161
64172	64172
64173	64173
64174	64174
64176	64176
64181	64181
64182	64182
64183	64183
64292	64292
64293	64293
67161	67161
67251	67251
67267	67267
67272	67272
67275	67275
67282	67282
67291	67291
75553	75553
91761	91761
93573	93573
94373	94373

94683	94683
96251	96251

---

## ■ 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
Aceh	Aceh
Bali	Bali
Central Kalimantan	Central Kalimantan
Central Sulawesi	Central Sulawesi
Daerah Khusus Ibukota Jakarta	Daerah Khusus Ibukota Jakarta
Gorontalo	Gorontalo
Jawa Barat	Jawa Barat
Jawa Tengah	Jawa Tengah
Jawa Timur	Jawa Timur
Jogja	Jogja
Kalimantan Timur	Kalimantan Timur
Lampung	Lampung
South East Sulawesi	South East Sulawesi
Sulawesi Selatan	Sulawesi Selatan
Sulawesi Tenggara	Sulawesi Tenggara
Sumatera Barat	Sumatera Barat
Sumatera Selatan	Sumatera Selatan
Sumatera Utara	Sumatera Utara

---

**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**

<b>Value</b>	<b>Category</b>
Indonesia	Indonesia

**CROP: Crop****Data file: Activities and Machinery (Q382)****Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions****CATEGORIES**

<b>Value</b>	<b>Category</b>
Cocoa	Cocoa
Corn	Corn
Rice	Rice

**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
IndonesiaCocoa1	IndonesiaCocoa1
IndonesiaCocoa2	IndonesiaCocoa2
IndonesiaMaize1	IndonesiaMaize1
IndonesiaMaize1+2	IndonesiaMaize1+2
IndonesiaMaize2	IndonesiaMaize2
IndonesiaRice1	IndonesiaRice1
IndonesiaRice1+2	IndonesiaRice1+2
IndonesiaRice2	IndonesiaRice2

---

## 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
19100100	19100100
19100114	19100114

19100200	19100200
19100214	19100214
19100300	19100300
19101900	19101900
19101972	19101972
19102000	19102000
19102072	19102072
19102900	19102900
19102914	19102914
19103000	19103000
19103014	19103014
19103100	19103100
19103114	19103114
19103200	19103200
19103272	19103272
19103300	19103300
19103372	19103372
19103400	19103400
19103900	19103900
19103914	19103914
19104300	19104300
19104400	19104400
19104405	19104405
19106000	19106000
19106005	19106005
19106172	19106172
19106214	19106214
19106372	19106372
19106405	19106405
19106505	19106505
19106605	19106605
19106705	19106705
19106805	19106805
19106905	19106905
19107005	19107005
19107105	19107105
19107205	19107205
19108872	19108872
19108972	19108972

19109072	19109072
19109172	19109172
19109272	19109272
19110314	19110314
19110414	19110414
19110514	19110514
19110614	19110614
19110714	19110714
19112472	19112472
19112572	19112572
19112672	19112672
19112772	19112772
19112872	19112872
19112972	19112972
19113072	19113072
19113172	19113172
19114014	19114014
19114714	19114714
19114814	19114814
19114914	19114914
19115014	19115014
19115114	19115114
19115214	19115214
19115314	19115314
19115414	19115414
19200400	19200400
19200472	19200472
19200500	19200500
19200572	19200572
19200600	19200600
19200672	19200672
19200700	19200700
19200772	19200772
19200800	19200800
19200872	19200872
19200900	19200900
19200972	19200972
19201000	19201000
19201072	19201072

19201100	19201100
19201172	19201172
19201200	19201200
19201272	19201272
19201300	19201300
19201372	19201372
19201400	19201400
19201407	19201407
19201500	19201500
19201572	19201572
19201600	19201600
19201672	19201672
19201700	19201700
19201772	19201772
19201800	19201800
19201872	19201872
19202100	19202100
19202114	19202114
19202200	19202200
19202214	19202214
19202300	19202300
19202314	19202314
19202400	19202400
19202414	19202414
19202500	19202500
19202600	19202600
19202614	19202614
19202700	19202700
19202714	19202714
19202800	19202800
19202814	19202814
19203414	19203414
19203500	19203500
19203514	19203514
19203600	19203600
19203614	19203614
19203700	19203700
19203714	19203714
19203800	19203800

19203814	19203814
19204000	19204000
19204014	19204014
19204100	19204100
19204114	19204114
19204200	19204200
19204214	19204214
19204500	19204500
19204505	19204505
19204600	19204600
19204605	19204605
19204700	19204700
19204705	19204705
19204800	19204800
19204805	19204805
19204900	19204900
19204905	19204905
19205000	19205000
19205005	19205005
19205100	19205100
19205105	19205105
19205200	19205200
19205205	19205205
19205300	19205300
19205305	19205305
19205400	19205400
19205405	19205405
19205500	19205500
19205505	19205505
19205600	19205600
19205605	19205605
19205700	19205700
19205705	19205705
19205800	19205800
19205805	19205805
19205900	19205900
19205905	19205905
19207372	19207372
19207472	19207472

19207572	19207572
19207672	19207672
19207772	19207772
19207872	19207872
19207972	19207972
19208072	19208072
19208172	19208172
19208272	19208272
19208372	19208372
19208472	19208472
19208572	19208572
19208672	19208672
19208772	19208772
19209314	19209314
19209414	19209414
19209514	19209514
19209614	19209614
19209714	19209714
19209814	19209814
19209914	19209914
19210014	19210014
19210114	19210114
19210214	19210214
19210872	19210872
19210972	19210972
19211072	19211072
19211172	19211172
19211272	19211272
19211372	19211372
19211472	19211472
19211572	19211572
19211672	19211672
19211772	19211772
19211872	19211872
19211972	19211972
19212072	19212072
19212172	19212172
19212214	19212214
19212314	19212314

19212405	19212405
19212505	19212505
19212605	19212605
19212705	19212705
19212805	19212805
19213372	19213372
19213472	19213472
19213572	19213572
19214114	19214114
19214214	19214214
19214314	19214314
19214414	19214414
19214514	19214514
19214614	19214614
19215914	19215914
19216014	19216014
19216114	19216114

## 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 - 21 Format: Numeric

## Questions and instructions

---

CATEGORIES

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

---

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

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

### Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

---

CATEGORIES

Value	Category
1	Yes
2	No



# **study\_resources**

## **questionnaires**

### **2014 GGP Questionnaire Master**

---

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

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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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