Good Growth Plan 2014-2015

Syngenta

report_generated_on: January 27, 2023

visit_data_catalog_at: https://microdata.worldbank.org/index.php

Identification

SURVEY ID NUMBER
JOR_2014-2015_GGP-P_v01_M_v01_A_OCS

TITLE
Good Growth Plan 2014-2015

COUNTRY/ECONOMY

Name	Country code
Jordan	JOR

STUDY TYPE
Agricultural Survey [ag/oth]

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

KIND OF DATA
Sample survey data [ssd]

UNIT OF ANALYSIS
Agricultural holdings

Scope

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

TOPICS

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

KEYWORDS

Keyword
Input efficiency
Crop productivity
Agriculture
The Good Growth Plan

Coverage

National coverage

Producers and sponsors

PRIMARY INVESTIGATORS

Name
Syngenta

PRODUCERS

Name	Role
Kynetec	Technical assistance

Sampling

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

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

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

Screening of Jordan BF:
(a) tomato 1+3 growers
Region: Jordan Valley
Farm holder grower (own their farms and consider this as their sole living source)
Indeterminate tomato under greenhouse/tunnels
Commercial grower for export and local consumption
Labors hands needs (=labor shortage)
Adaptability to acquire innovative solutions - Innovative growers
High level of tech adoption (They are willing to leverage their skills and to adopt new technologies, learning their stuff on how to spray pesticides, how to use the best fertilizer program in order to have better yields.)
Drip irrigation use
Price constraint and price sensitive growers
Need to identify benchmark farms that have similar size but adopt technological practices. Rotation with the same crop is common (= screening criteria).
Adopt Syngenta products and services (only for RF)

(b) tomato 2 growers

Region: Safi Area
Farm holder grower (own their farms and consider this as their sole living source)
Open field Determinate Tomato farm
Commercial grower for local consumption and for export (to Gulf countries)
Labors hands needs (=labor shortage)
Adaptability to acquire innovative solutions
High level of tech adoption (They are willing to leverage their skills and to adopt new technologies, learning their stuff on how to spray pesticides, how to use the best fertilizer program in order to have better yields.)
Drip irrigation use
Price constraint and price sensitive growers
Need to identify benchmark farms that have similar size but adopt technological practices. Rotation with watermelon is common (=screening criteria).

data_collection

DATES OF DATA COLLECTION

Start	End
2014	2015

DATA COLLECTION MODE
Face-to-face [f2f]

questionnaires

QUESTIONNAIRES
Data collection tool for 2019 covered the following information:

(A) PRE- HARVEST INFORMATION

PART I: Screening
PART II: Contact Information
PART III: Farm Characteristics
a. Biodiversity conservation
b. Soil conservation
c. Soil erosion
d. Description of growing area
e. Training on crop cultivation and safety measures
PART IV: Farming Practices - Before Harvest
a. Planting and fruit development - Field crops
b. Planting and fruit development - Tree crops
c. Planting and fruit development - Sugarcane
d. Planting and fruit development - Cauliflower
e. Seed treatment

(B) HARVEST INFORMATION

PART V: Farming Practices - After Harvest
a. Fertilizer usage
b. Crop protection products
c. Harvest timing & quality per crop - Field crops
d. Harvest timing & quality per crop - Tree crops
e. Harvest timing & quality per crop - Sugarcane
f. Harvest timing & quality per crop - Banana
g. After harvest
PART VI - Other inputs - After Harvest
a. Input costs
b. Abiotic stress
c. Irrigation

See all questionnaires in external materials tab

data_processing

DATA EDITING
Data processing:

Kynetec uses SPSS (Statistical Package for the Social Sciences) for data entry, cleaning, analysis, and reporting. After collection, the farm data is entered into a local database, reviewed, and quality-checked by the local Kynetec agency. In the case of missing values or inconsistencies, farmers are re-contacted. In some cases, grower data is verified with local experts (e.g. retailers) to ensure data accuracy and validity. After country-level cleaning, the farm-level data is submitted to the global Kynetec headquarters for processing. In the case of missing values or inconsistences, the local Kynetec office was re-contacted to clarify and solve issues.

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

• Screening: Each grower is screened and selected by Kynetec based on cluster-specific criteria to ensure a comparable group of growers within each cluster. This helps keeping variability low.

• Evaluation of the questionnaire: The questionnaire aligns with the global objective of the project and is adapted to the local context (e.g. interviewers and growers should understand what is asked). Each year the questionnaire is evaluated based on several criteria, and updated where needed.

• Briefing of interviewers: Each year, local interviewers - familiar with the local context of farming -are thoroughly briefed to fully comprehend the questionnaire to obtain unbiased, accurate answers from respondents.

• Cross-validation of the answers:
o Kynetec captures all growers' responses through a digital data-entry tool. Various logical and consistency checks are automated in this tool (e.g. total crop size in hectares cannot be larger than farm size)
o Kynetec cross validates the answers of the growers in three different ways:
1. Within the grower (check if growers respond consistently during the interview)
2. Across years (check if growers respond consistently throughout the years)
3. Within cluster (compare a grower's responses with those of others in the group)
o All the above mentioned inconsistencies are followed up by contacting the growers and asking them to verify their answers. The data is updated after verification. All updates are tracked.

• Check and discuss evolutions and patterns: Global evolutions are calculated, discussed and reviewed on a monthly basis jointly by Kynetec and Syngenta.

• Sensitivity analysis: sensitivity analysis is conducted to evaluate the global results in terms of outliers, retention rates and overall statistical robustness. The results of the sensitivity analysis are discussed jointly by Kynetec and Syngenta.

• It is recommended that users interested in using the administrative level 1 variable in the location dataset use this variable with care and crosscheck it with the postal code variable.

data_appraisal

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

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

Access policy

CONTACTS

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

CONFIDENTIALITY

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

ACCESS CONDITIONS

Micro datasets disseminated by FAO shall only be allowed for research and statistical purposes. Users requesting access to any datasets must agree to the following minimal conditions:
- The micro dataset will only be used for statistical and/or research purposes;
- Any results derived from the micro dataset will be used solely for reporting aggregated information, and not for any specific individual entities or data subjects;
- 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;
- 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

Disclaimer and copyrights

DISCLAIMER

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

Metadata production

DDI DOCUMENT ID

DDI_JOR_2014-2015_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 (JOR_2014-2015_GGP-P_v01_EN_M_A_OCS). The following two metadata fields were edited - Document ID and Survey ID.

data_dictionary

Data file	Cases	variables
fertilizers	0	16
Farm_level_data	0	30
Global_farm_data	0	114
Crop_protection	0	28
Location	0	9
Activities and Machinery (Q382)	0	9

Data file	Cases	variables

Data file: fertilizers

Cases:	0
variables:	16

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 %)	

total: 16

Data file: Farm_level_data

Cases:	0
variables:	30

variables

ID	Name	Label	Question
V17	HarvestYear	Data collection wave	
V18	Region	Syngenta's definition of Region	
V19	Territory	Syngenta's definition of Territory	
V20	GrowingArea	To which field/plot does the information relate to?	
V21	ClusterID	Unique cluster ID	
V22	country	Country	
V23	Farmtype	Farm type	
V24	GrowerID	Unique respondent ID	
V25	Crop	The crop of focus	
V26	AreaSize	Q57. Size of growing area A for <TARG1> in <HECT>	
V27	CropSize	Q5.Total cultivated area of <TARG1> in this season in <HECT>	
V28	FarmSize	Q6. Total size of your farm/cultivated area for all crops in <HECT>	
V29	Landproductivity	Land efficiency in ton/ha	
V30	PesticideApplicationEffiiciency	Number of field applications used per ton produced	
V31	NutrientEfficiency	Kgs of nitrogen used per ton produced	
V32	PhosphorusEfficiency	Kgs of phosphorus used per ton produced	
V33	PotassiumEfficiency	Kgs of potassium used per ton produced	
V34	PesticideEfficiency	Kgs of active ingredients from pesticides used in kilogram per ton produced	
V35	HerbicideEfficiency	Kgs of active ingredients from herbicides used per ton produced	
V36	FungicideEfficiency	Kgs of active ingredients from fungicides used per ton produced	
V37	InsecticideEfficiency	Kgs of active ingredients from insecticides used per ton produced	
V38	IrrigationWaterEfficiency	Litres of irrigation water used per ton produced	
V39	LaborEfficiency	Amount of labor hours per unit of crop output produced	
V40	MachineryEfficiency	Amount of machinery used in hours per unit of crop output produced	
V41	SyngentaShare	Percentage of syngenta products used compared to total number of products used	
V42	User_vs_non_user	Does the grower use Syngenta products?	
V43	field_preparation	Date of first field preparation	
V44	planting_date	Date of sowing or planting	
V45	harvest_begin	Date when harvest started	
V46	harvest_end	Date when harvest ended	

total: 30

Data file: Global_farm_data

Cases:	0
variables:	114

variables

ID	Name	Label	Question
V47	Territory	Syngenta definition of territory (sub-region)	
V48	country	Country	
V49	ClusterID	Unique cluster ID	
V50	GrowerID	Unique respondent ID	
V51	GrowingArea	To which field/plot does the information relate to?	
V52	Farmtype	Farmtype	
V53	q1f	Q1. F. Would it be okay for you for Syngenta to contact you with follow-up information on The Good Growth Plan?	
V54	crop	Crop of focus	
V55	q19	Q19. Surname	
V56	q20	Q20. First name	
V57	q21	Q21. Phone number	
V58	q22	Q22. E-mail address	
V59	q27	Q27. Year of birth	
V60	q28	Q28. Gender	
V61	q31	Q31. Until what age did you go to school?	
V62	q30	Q30. Are you a full-time or part-time farmer?	
V63	q33	Q33. Did you receive an agronomical/agricultural education?	
V64	q34	Q34. Are you a member of a producer group, association or cooperative for <CROP>?	
V65	q35c	Q35. C. Overall, how satisfied would you say you are with your life these days?	
V66	q37a	Q37.A. Do you have signs of soil erosion by water on	
V67	q37b	Q37.B. Do you have signs of soil erosion by wind on your farm?	
V68	q65	Q65. Do you practice intercropping for <TARGET CROP> ?	
V69	q66_1	Q66. Which crops do you intercrop? Apples	
V70	q66_4	Q66. Which crops do you intercrop? Cauliflower	
V71	q66_7	Q66. Which crops do you intercrop? Corn	
V72	q66_8	Q66. Which crops do you intercrop? Cotton	
V73	q66_10	Q66. Which crops do you intercrop? Oilseed rape	
V74	q66_12	Q66. Which crops do you intercrop? Pepper	
V75	q66_13	Q66. Which crops do you intercrop? Potato	
V76	q66_14	Q66. Which crops do you intercrop? Rice	
V77	q66_17	Q66. Which crops do you intercrop? Sugarcane	
V78	q66_18	Q66. Which crops do you intercrop? Sunflower	
V79	q66_19	Q66. Which crops do you intercrop? Tomato	
V80	q66_20	Q66. Which crops do you intercrop? Watermelon	
V81	q66_21	Q66. Which crops do you intercrop? Wheat	
V82	q60	Q60. Do you rotate crops on growing area A for <TARGET CROP>?	
V83	q61_1	Q61. What crops are you cultivating in rotation? Apples	

ID	Name	Label	Question
V84	q61_3	Q61. What crops are you cultivating in rotation? Barley	
V85	q61_4	Q61. What crops are you cultivating in rotation? Cauliflower	
V86	q61_7	Q61. What crops are you cultivating in rotation? Corn	
V87	q61_9	Q61. What crops are you cultivating in rotation? Grape	
V88	q61_12	Q61. What crops are you cultivating in rotation? Pepper	
V89	q61_13	Q61. What crops are you cultivating in rotation? Potato	
V90	q61_15	Q61. What crops are you cultivating in rotation? Soybean	
V91	q61_17	Q61. What crops are you cultivating in rotation? Sugarcane	
V92	q61_18	Q61. What crops are you cultivating in rotation? Sunflower	
V93	q61_19	Q61. What crops are you cultivating in rotation? Tomato	
V94	q61_20	Q61. What crops are you cultivating in rotation? Watermelon	
V95	q61_21	Q61. What crops are you cultivating in rotation? Wheat	
V96	q67	Q67. What is the soil type of growing area A for <TARGET CROP>?	
V97	q67b	Q67B. Texture is your soil on growing area A for <TARGET CROP> this season?	
V98	q55e1	Q55E1.Partook in training/meeting on crop/agricultural practices in the past 2 years?	
V99	q54_1	Q54. Where do you deposit the rest water after spraying? Citerne (phytobac, heliosec, sentinel, biofilter)	
V100	q54_2	Q54. Where do you deposit the rest water after spraying? In fields	
V101	q55a_1	Q55a. Where do you clean your sprain equipment? On farm	
V102	q55b_1	Q55b. Where do you dispose the water used for cleaning you equipment? On field	
V103	q55b_2	Q55b. Where do you dispose the water used for cleaning you equipment? Citerne	
V104	q55b_3	Q55b. Where do you dispose the water used for cleaning you equipment? On an unpaved surface	
V105	q55b_4	Q55b. Where do you dispose the water used for cleaning you equipment? On a paved surface (drain / dike)	
V106	q55c	Q55. C. Do you store the sprayer protected from rain?	
V107	q55d	Q55. D. Do you use drift-reducing nozzles on your sprayer?	
V108	q72	Q72. When did the first field preparation start for growing area A for <TARGET CROP> ?	
V109	q151	Q151. Are <TARGET CROP> grown on open field or in a greenhouse for growing area A?	
V110	q154a	Q154. A. # of plants transplanted per <MC2> for growing area A for <TARGET CROP>?	
V111	q74	Q74. When was the crop sown / planted for growing area A for <TARGET CROP>?	
V112	q231b	Q231B. Are your seeds coated with crop protection products?	
V113	q233	Q233. Do you use on-farm or pre-treated seed treatment to treat the seeds for growing area A for <TARGET CROP>?	
V114	q224	Q224. Do you apply organic fertilizers for <TARGET CROP>?	
V115	q226	Q226. Do you apply chemical fertilizers for <TARGET CROP>?	
V116	q229b1	Q229B1.Total number of applications you perform with chemical fertilizers on growing area for <TARGET CROP>?	
V117	q229b2	Q229B2.Total number of applications you perform with organic fertilizers on growing area for <TARGET CROP>?	
V118	q240d	Q240D. Note down the total number of treatments you perform with crop protection products	
V119	q243a	Q243. When was the harvest period for <TARGET CROP>?	
V120	q243b	Q243. When was the harvest period for <TARGET CROP>?	
V121	q360a	Q360. When was the harvest period for <TARGET CROP>?	
V122	q360b	Q360. When was the harvest period for <TARGET CROP>?	
V123	q319a	Q319. When was the harvest period for sugarcane?	
V124	q319b	Q319. When was the harvest period for sugarcane?	

ID	Name	Label	Question
V125	q339a	Q339. When was the harvest period for banana?	
V126	q339b	Q339. When was the harvest period for banana?	
V127	q377	Q377. What is the estimated revenue in <DOLLAR>/<HECTARES> for growing area A of <TARGET CROP>?	
V128	q378	Q378. Could you please indicate the estimated revenue in general? <DOLLAR>/<HECTARES>.	
V129	q379	Q379.A Can you please explain your answer for <TARGET CROP>?	
V130	q380	Q380. What is your total input cost for <TARGET CROP> from first field preparation until harvest?	
V131	q381_1	Q381. Percentage of TREES/SEED costs out of the total input cost for <TARGET CROP>?	
V132	q381_2	Q381. Percentage of FERTILIZERS costs out of the total input cost for <TARGET CROP>?	
V133	q381_3	Q381. Percentage of PESTICIDES costs out of the total input cost for <TARGET CROP>?	
V134	q381_4	Q381. Percentage of LABOR costs out of the total input cost for <TARGET CROP>?	
V135	q381_5	Q381. Percentage of MACHINERY costs of the total input cost for <TARGET CROP>?	
V136	q381_6	Q381. Percentage of WATER USE costs out of the total input cost for <TARGET CROP>?	
V137	q381_7	Q381. Percentage of FUEL costs out of the total input cost for <TARGET CROP>?	
V138	q381_8	Q381. Percentage of ELECTRICITY costs out of the total input cost for <TARGET CROP>?	
V139	q381_9	Q381. Percentage of GAS costs out of the total input cost for <TARGET CROP>?	
V140	q381_98	Q381. Percentage of OTHER costs out of the total input cost for <TARGET CROP>?	
V141	q388	Q388. How would you say the level of ranfall was for growing area A	
V142	q389	Q389. What is the MAIN water source of <TARGET CROP> during this season?	
V143	q390	Q390. What is the number of days you have been irrigating <TARGET CROP>?	
V144	q391	Q391. What is the average amount of hours per day you have been irrigating of <TARGET CROP>?	
V145	q392	Q392. What is the amount of liters that is discharged per hour of <TARGET CROP>?	
V146	harvestyear	Data collection wave	
V147	q215	Q215. When did the first field preparation start for cauliflower?	
V148	q218	Q218. When have the young plants been planted for cauliflower?	
V149	q399	Q399. Please explain why you follow or do not follow the crop program and/or recommendations.	
V150	q397	Q397. Received a recommended growing protocol or crop program from an agricultural advisor?	
V151	q35a_1	Q35.A. What group/association/cooperative are a member of? 1ST	
V152	q35a_2	Q35.A. What group/association/cooperative are a member of? 2ND	
V153	q35a_3	Q35.A. What group/association/cooperative are a member of? 3RD	
V154	q58	Q58. In general, what is the topography of your growing area?	
V155	q230_1	Bought seeds	
V156	q230_2	Saved seeds	
V157	q327	Q327. Please indicate the number of harvests/pickings per year for tomatoes/peppers?	
V158	q4001	Q4001. % of crop lost in-between harvest and storage or selling <TARG1>?	
V159	q152	Q152. Are <TARG1> grown in an active greenhouse or a passive greenhouse?	
V160	q147	Q147. When have the young plants been planted ?	

total: 114

Data file: Crop_protection

Cases:	0
variables:	28

variables

ID	Name	Label	Question
V161	harvestyear	Data collection wave	
V162	GrowingArea	To which field/plot does the information relate to?	
V163	ClusterID	Unique cluster ID	
V164	country	Country	
V165	Farmtype	FARMTYPE	
V166	GrowerID	Unique respondent ID	
V167	product	Unique code of a product within application	
V168	crop	The crop of focus	
V169	application	Unique code of an application per field per grower	
V170	q241a	Q241 a. Timing of product application	
V171	q241b	Q241 b.Type of product	
V172	q241c	Q241 c . Brand product name	
V173	q241c1	Q241 c1. Brand product formulation	
V174	c241c	CODED VARIABLE - stringcode	
V175	c241ca1	CODED VARIABLE - active ingredient1	
V176	c241cp1	CODED VARIABLE - amount of ai1	
V177	c241cu1	CODED VARIABLE - unit (% or Gr)	
V178	c241ca2	CODED VARIABLE - active ingredient2	
V179	c241cp2	CODED VARIABLE - amount of ai2	
V180	q241d	CODED VARIABLE Q241 d. Dosage ?	
V181	q241e	CODED VARIABLE Q241 e. Unit of quantity	
V182	q241f	Q241 f. Amount of H2O solved in LITERS per <HECTARE>	
V183	q241g	Q241 g. Pest/disease/ weed targeted ?	
V184	q241h	Q241 h. Level of pest/ disease/ weed pressure	
V185	q241i	Q241 i. Percentage of the area treated against pests/ diseases/ weeds	
V186	q241j	Q241 j. Percentage of crop free of pests/ diseases/ weeds at harvest (in %)	
V187	q241k	Q241 k. Equipment type ?	
V188	syngenta	CODED VARIABLE Syngenta product? (1 = YES; 0 = NO)	

total: 28

Data file: Location

Cases:	0
variables:	9

variables

ID	Name	Label	Question
V189	harvestyear	Year in which the data was collected	
V190	country	Country	
V191	ClusterID	Unique identifier per cluster	
V192	GrowerID	Unique identifier per grower	
V193	GrowingArea	Field code (A or B)	
V194	q151	Q151. Open field or in a greenhouse?	
V195	q1f	Q1. F. Would it be okay for you for this company to contact you with information on The GGP?	
V196	q25	Q25. Farm address - postal code	
V197	admin_level_1	administrative area 1	

total: 9

Data file: Activities and Machinery (Q382)

Cases: 0

variables: 9

variables

ID	Name	Label	Question
V198	harvestyear	Year in which the data was collected	
V199	country	Country	
V200	crop	Crop	
V201	ClusterID	Unique identifier per cluster	
V202	farmtype	Reference farms versus Benchmark farms	
V203	GrowerID	Unique identifier per grower	
V204	GrowingArea	Field code (A or B)	
V205	activity	Which activities did the grower do on his field?	
V206	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 - 2015   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 - 1   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	A

CLUSTERID: Unique cluster ID

Data file: fertilizers

Overview

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

CATEGORIES

Value	Category
JordanTomato1+3	JordanTomato1+3
JordanTomato2	JordanTomato2

COUNTRY: Country

Data file: fertilizers

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Jordan	Jordan

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
23100200	23100200
23110600	23110600
23110700	23110700
23110800	23110800
23110900	23110900
23200300	23200300
23200600	23200600
23201900	23201900
23202000	23202000
23203200	23203200
23203400	23203400
23203700	23203700
23203800	23203800
23204200	23204200
23209300	23209300
23210500	23210500
23210600	23210600
23210700	23210700
23210800	23210800
23210900	23210900
23211000	23211000
23211100	23211100
23211200	23211200
23211300	23211300
23211400	23211400
23211500	23211500
23211600	23211600
23211700	23211700
23211800	23211800
23211900	23211900
23212000	23212000
23212100	23212100
23212200	23212200
23212300	23212300
23212400	23212400

23212500	23212500
23212600	23212600
23212700	23212700
23212800	23212800
23212900	23212900
23213000	23213000
23213100	23213100
23213200	23213200
23213300	23213300
23213400	23213400
23213500	23213500
23213600	23213600
23213700	23213700
23213900	23213900
23214200	23214200
23214300	23214300
23214400	23214400
23214500	23214500
23214600	23214600
23214700	23214700
23214800	23214800
23215000	23215000
23215100	23215100
23215200	23215200
23215300	23215300
23215400	23215400
23215500	23215500
23215600	23215600
23215700	23215700
23215800	23215800

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
Tomato	Tomato

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

Data file: fertilizers

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2015-01-06	2015-01-06

2015-01-20	2015-01-20
2015-02-01	2015-02-01
2015-02-10	2015-02-10
2015-04-10	2015-04-10
2015-04-25	2015-04-25
2015-07-15	2015-07-15
2015-07-25	2015-07-25
2015-08-01	2015-08-01
2015-08-10	2015-08-10
2015-08-15	2015-08-15
2015-08-19	2015-08-19
2015-08-20	2015-08-20
2015-08-25	2015-08-25
2015-08-27	2015-08-27
2015-08-30	2015-08-30
2015-09-01	2015-09-01
2015-09-05	2015-09-05
2015-09-15	2015-09-15
2015-09-20	2015-09-20
2015-09-25	2015-09-25
2015-09-27	2015-09-27
2015-10-01	2015-10-01
2015-10-03	2015-10-03
2015-10-05	2015-10-05
2015-10-06	2015-10-06
2015-10-08	2015-10-08
2015-10-10	2015-10-10
2015-10-12	2015-10-12
2015-10-14	2015-10-14
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
2015-10-27	2015-10-27
2015-10-30	2015-10-30
2015-11-01	2015-11-01
2015-11-02	2015-11-02
2015-11-05	2015-11-05

2015-11-07	2015-11-07
2015-11-09	2015-11-09
2015-11-10	2015-11-10
2015-11-11	2015-11-11
2015-11-15	2015-11-15
2015-11-16	2015-11-16
2015-11-17	2015-11-17
2015-11-20	2015-11-20
2015-11-22	2015-11-22
2015-11-25	2015-11-25
2015-11-27	2015-11-27
2015-11-30	2015-11-30
2015-12-01	2015-12-01
2015-12-02	2015-12-02
2015-12-05	2015-12-05
2015-12-07	2015-12-07
2015-12-08	2015-12-08
2015-12-10	2015-12-10
2015-12-11	2015-12-11
2015-12-15	2015-12-15
2015-12-17	2015-12-17
2015-12-20	2015-12-20
2015-12-28	2015-12-28
2015-12-30	2015-12-30

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

Data file: fertilizers

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 0.5 - 12000   Format: Numeric

Q229CE: Q229C e. Unit of quantity

Data file: fertilizers

Overview

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

Questions and instructions

CATEGORIES

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

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

Data file: fertilizers

Overview

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

Q229CG: Q229C g. Percentage N (in %)

Data file: fertilizers

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 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 - 65   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 - 50   Format: Numeric

HARVESTYEAR: Data collection wave

Data file: Farm_level_data

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 12   Range: 2014 - 2015   Format: Numeric

REGION: Syngenta's definition of Region

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
eame	eame

TERRITORY: Syngenta's definition of Territory

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
africa middle-east	africa middle-east

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

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
A	A
B	B

CLUSTERID: Unique cluster ID

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
jordantomato1	jordantomato1
jordantomato1+3	jordantomato1+3
jordantomato2	jordantomato2
jordantomato3	jordantomato3
jordantomato4	jordantomato4

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
Jordan	Jordan

FARMTYPE: Farm type

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
bf	bf
rf	rf

GROWERID: Unique respondent ID

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
23100100	23100100
23100200	23100200
23110500	23110500
23110600	23110600
23110700	23110700
23110800	23110800
23110900	23110900
23200300	23200300
23200400	23200400
23200500	23200500
23200600	23200600
23200700	23200700
23200800	23200800
23200900	23200900
23201000	23201000
23201100	23201100
23201200	23201200
23201300	23201300

23201400	23201400
23201500	23201500
23201600	23201600
23201700	23201700
23201800	23201800
23201900	23201900
23202000	23202000
23202100	23202100
23202200	23202200
23203000	23203000
23203100	23203100
23203200	23203200
23203300	23203300
23203400	23203400
23203500	23203500
23203600	23203600
23203700	23203700
23203800	23203800
23203900	23203900
23204000	23204000
23204100	23204100
23204200	23204200
23204300	23204300
23204400	23204400
23204500	23204500
23204600	23204600
23204700	23204700
23204800	23204800
23204900	23204900
23205000	23205000
23208000	23208000
23208200	23208200
23208400	23208400
23208500	23208500
23208700	23208700
23208900	23208900
23209000	23209000
23209100	23209100
23209200	23209200

23209300	23209300
23209400	23209400
23209500	23209500
23209600	23209600
23209700	23209700
23209800	23209800
23209900	23209900
23210000	23210000
23210100	23210100
23210300	23210300
23210500	23210500
23210600	23210600
23210700	23210700
23210800	23210800
23210900	23210900
23211000	23211000
23211100	23211100
23211200	23211200
23211300	23211300
23211400	23211400
23211500	23211500
23211600	23211600
23211700	23211700
23211800	23211800
23211900	23211900
23212000	23212000
23212100	23212100
23212200	23212200
23212300	23212300
23212400	23212400
23212500	23212500
23212600	23212600
23212700	23212700
23212800	23212800
23212900	23212900
23213000	23213000
23213100	23213100
23213200	23213200
23213300	23213300

23213400	23213400
23213500	23213500
23213600	23213600
23213700	23213700
23213900	23213900
23214200	23214200
23214300	23214300
23214400	23214400
23214500	23214500
23214600	23214600
23214700	23214700
23214800	23214800
23215000	23215000
23215100	23215100
23215200	23215200
23215300	23215300
23215400	23215400
23215500	23215500
23215600	23215600
23215700	23215700
23215800	23215800

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
tomato	tomato

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: 0.5 - 25   Format: Numeric

---

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

Data file: Farm_level_data

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 0.5 - 25   Format: Numeric

---

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

Data file: Farm_level_data

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 1 - 75   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: 10 - 140   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 - 0.5   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 - 6.25   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 - 2.05792   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 - 6.7147   Format: Numeric

PESTICIDEEFFICIENCY: Kgs of active ingredients from pesticides used in kilogram per ton produced

Data file: Farm_level_data

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 0.040625   Format: Numeric

HERBICIDEEFFICIENCY: Kgs of active ingredients from herbicides used per ton produced

Data file: Farm_level_data

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 0.00122954166666667   Format: Numeric

FUNGICIDEEFFICIENCY: Kgs of active ingredients from fungicides used per ton produced

Data file: Farm_level_data

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 0.0305555555555556   Format: Numeric

INSECTICIDEEFFICIENCY: Kgs of active ingredients from insecticides used per ton produced

Data file: Farm_level_data

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 0.0217142857142857   Format: Numeric

IRRIGATIONWATEREFFICIENCY: Litres of irrigation water used per ton produced

Data file: Farm_level_data

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 1.25 - 19950   Format: Numeric

LABOREFFICIENCY: Amount of labor hours per unit of crop output produced

Data file: Farm_level_data

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 0.228923076923077 - 198.333333333333   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: 0.02875 - 11.1333333333333   Format: Numeric

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

Data file: Farm_level_data

Overview

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

USER_VS_NON_USER: Does the grower use Syngenta products?

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

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

FIELD_PREPARATION: Date of first field preparation

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-02-15	2014-02-15
2014-08-01	2014-08-01
2014-08-15	2014-08-15
2014-08-16	2014-08-16
2014-08-17	2014-08-17
2014-08-19	2014-08-19
2014-08-20	2014-08-20
2014-08-21	2014-08-21
2014-08-22	2014-08-22
2014-08-23	2014-08-23
2014-08-24	2014-08-24
2014-08-25	2014-08-25
2014-08-26	2014-08-26
2014-08-27	2014-08-27
2014-08-29	2014-08-29
2014-08-30	2014-08-30
2014-08-31	2014-08-31
2014-09-06	2014-09-06
2014-09-07	2014-09-07
2014-09-08	2014-09-08
2014-09-09	2014-09-09
2014-09-10	2014-09-10
2014-09-14	2014-09-14

2014-09-15	2014-09-15
2014-09-16	2014-09-16
2014-09-17	2014-09-17
2014-09-18	2014-09-18
2014-09-20	2014-09-20
2015-07-01	2015-07-01
2015-07-05	2015-07-05
2015-07-07	2015-07-07
2015-07-10	2015-07-10
2015-07-15	2015-07-15
2015-07-20	2015-07-20
2015-07-25	2015-07-25
2015-08-01	2015-08-01
2015-08-05	2015-08-05
2015-08-20	2015-08-20
2015-08-25	2015-08-25
2015-09-01	2015-09-01
2015-09-08	2015-09-08
2015-09-15	2015-09-15
2015-09-18	2015-09-18
2015-10-01	2015-10-01

PLANTING_DATE: Date of sowing or planting

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-03-15	2014-03-15
2014-09-01	2014-09-01
2014-09-02	2014-09-02
2014-09-03	2014-09-03
2014-09-04	2014-09-04
2014-09-05	2014-09-05

2014-09-06	2014-09-06
2014-09-07	2014-09-07
2014-09-08	2014-09-08
2014-09-09	2014-09-09
2014-09-10	2014-09-10
2014-09-11	2014-09-11
2014-10-07	2014-10-07
2014-10-08	2014-10-08
2014-10-09	2014-10-09
2014-10-10	2014-10-10
2014-10-11	2014-10-11
2014-10-14	2014-10-14
2014-10-15	2014-10-15
2014-10-16	2014-10-16
2014-10-18	2014-10-18
2014-10-20	2014-10-20
2014-10-22	2014-10-22
2014-10-23	2014-10-23
2014-10-25	2014-10-25
2014-10-30	2014-10-30
2015-09-01	2015-09-01
2015-09-02	2015-09-02
2015-09-03	2015-09-03
2015-09-05	2015-09-05
2015-09-09	2015-09-09
2015-09-10	2015-09-10
2015-09-11	2015-09-11
2015-09-13	2015-09-13
2015-09-15	2015-09-15
2015-09-20	2015-09-20
2015-09-21	2015-09-21
2015-09-26	2015-09-26
2015-10-01	2015-10-01
2015-10-10	2015-10-10
2015-10-11	2015-10-11
2015-10-15	2015-10-15
2015-10-20	2015-10-20
2015-11-01	2015-11-01

HARVEST_BEGIN: Date when harvest started

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-12-01	2014-12-01
2014-12-02	2014-12-02
2014-12-03	2014-12-03
2014-12-05	2014-12-05
2014-12-06	2014-12-06
2014-12-07	2014-12-07
2014-12-08	2014-12-08
2014-12-10	2014-12-10
2014-12-12	2014-12-12
2014-12-13	2014-12-13
2014-12-14	2014-12-14
2015-01-05	2015-01-05
2015-01-10	2015-01-10
2015-01-12	2015-01-12
2015-01-14	2015-01-14
2015-01-15	2015-01-15
2015-01-16	2015-01-16
2015-01-17	2015-01-17
2015-01-18	2015-01-18
2015-01-20	2015-01-20
2015-01-22	2015-01-22
2015-01-25	2015-01-25
2015-02-01	2015-02-01
2015-02-02	2015-02-02
2015-02-05	2015-02-05
2015-02-20	2015-02-20
2015-11-25	2015-11-25
2015-12-05	2015-12-05

2015-12-10	2015-12-10
2015-12-15	2015-12-15
2015-12-17	2015-12-17
2015-12-18	2015-12-18
2015-12-20	2015-12-20
2015-12-25	2015-12-25
2015-12-28	2015-12-28
2015-12-31	2015-12-31
2016-01-01	2016-01-01
2016-01-05	2016-01-05
2016-01-10	2016-01-10
2016-01-15	2016-01-15
2016-01-20	2016-01-20
2016-01-25	2016-01-25
2016-02-01	2016-02-01
2016-02-05	2016-02-05
2016-02-10	2016-02-10
2016-02-15	2016-02-15
2016-02-20	2016-02-20
2016-02-22	2016-02-22
2016-03-01	2016-03-01
2016-03-15	2016-03-15
2016-03-25	2016-03-25

HARVEST_END: Date when harvest ended

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-12-01	2014-12-01
2014-12-02	2014-12-02
2014-12-03	2014-12-03
2014-12-05	2014-12-05

2014-12-06	2014-12-06
2014-12-07	2014-12-07
2014-12-08	2014-12-08
2014-12-10	2014-12-10
2014-12-12	2014-12-12
2014-12-13	2014-12-13
2014-12-14	2014-12-14
2015-01-14	2015-01-14
2015-01-23	2015-01-23
2015-01-24	2015-01-24
2015-01-25	2015-01-25
2015-01-27	2015-01-27
2015-01-28	2015-01-28
2015-01-29	2015-01-29
2015-01-30	2015-01-30
2015-01-31	2015-01-31
2015-02-02	2015-02-02
2015-02-03	2015-02-03
2015-02-05	2015-02-05
2015-02-09	2015-02-09
2015-02-10	2015-02-10
2015-02-12	2015-02-12
2015-02-14	2015-02-14
2015-02-15	2015-02-15
2015-03-17	2015-03-17
2015-06-15	2015-06-15
2016-01-25	2016-01-25
2016-02-13	2016-02-13
2016-02-15	2016-02-15
2016-02-20	2016-02-20
2016-02-25	2016-02-25
2016-03-01	2016-03-01
2016-03-06	2016-03-06
2016-03-12	2016-03-12
2016-03-14	2016-03-14
2016-03-15	2016-03-15
2016-03-20	2016-03-20
2016-03-25	2016-03-25
2016-03-28	2016-03-28

2016-04-01	2016-04-01
2016-05-01	2016-05-01
2016-05-06	2016-05-06
2016-05-20	2016-05-20
2016-05-25	2016-05-25
2016-05-29	2016-05-29
2016-06-01	2016-06-01
2016-06-10	2016-06-10
2016-06-12	2016-06-12
2016-06-15	2016-06-15
2016-06-16	2016-06-16
2016-06-18	2016-06-18
2016-06-20	2016-06-20
2016-06-25	2016-06-25
2016-06-28	2016-06-28
2016-06-30	2016-06-30
2016-07-10	2016-07-10

TERRITORY: Syngenta definition of territory (sub-region)

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
africa middle-east	africa middle-east

COUNTRY: Country

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Jordan	Jordan

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
jordantomato1	jordantomato1
jordantomato1+3	jordantomato1+3
jordantomato2	jordantomato2
jordantomato3	jordantomato3
jordantomato4	jordantomato4

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
23100100	23100100
23100200	23100200
23110500	23110500
23110600	23110600
23110700	23110700
23110800	23110800
23110900	23110900
23200300	23200300
23200400	23200400
23200500	23200500
23200600	23200600
23200700	23200700
23200800	23200800
23200900	23200900
23201000	23201000
23201100	23201100
23201200	23201200
23201300	23201300
23201400	23201400
23201500	23201500
23201600	23201600
23201700	23201700
23201800	23201800
23201900	23201900
23202000	23202000
23202100	23202100
23202200	23202200
23203000	23203000

23203100	23203100
23203200	23203200
23203300	23203300
23203400	23203400
23203500	23203500
23203600	23203600
23203700	23203700
23203800	23203800
23203900	23203900
23204000	23204000
23204100	23204100
23204200	23204200
23204300	23204300
23204400	23204400
23204500	23204500
23204600	23204600
23204700	23204700
23204800	23204800
23204900	23204900
23205000	23205000
23208000	23208000
23208200	23208200
23208400	23208400
23208500	23208500
23208700	23208700
23208900	23208900
23209000	23209000
23209100	23209100
23209200	23209200
23209300	23209300
23209400	23209400
23209500	23209500
23209600	23209600
23209700	23209700
23209800	23209800
23209900	23209900
23210000	23210000
23210100	23210100
23210300	23210300

23210500	23210500
23210600	23210600
23210700	23210700
23210800	23210800
23210900	23210900
23211000	23211000
23211100	23211100
23211200	23211200
23211300	23211300
23211400	23211400
23211500	23211500
23211600	23211600
23211700	23211700
23211800	23211800
23211900	23211900
23212000	23212000
23212100	23212100
23212200	23212200
23212300	23212300
23212400	23212400
23212500	23212500
23212600	23212600
23212700	23212700
23212800	23212800
23212900	23212900
23213000	23213000
23213100	23213100
23213200	23213200
23213300	23213300
23213400	23213400
23213500	23213500
23213600	23213600
23213700	23213700
23213900	23213900
23214200	23214200
23214300	23214300
23214400	23214400
23214500	23214500
23214600	23214600

23214700	23214700
23214800	23214800
23215000	23215000
23215100	23215100
23215200	23215200
23215300	23215300
23215400	23215400
23215500	23215500
23215600	23215600
23215700	23215700
23215800	23215800

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

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 - 1   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	yes

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
tomato	tomato

Q19: Q19. Surname

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q20: Q20. First name

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q21: Q21. Phone number

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q22: Q22. E-mail address

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q27: Q27. Year of birth

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 1922 - 1976   Format: Numeric

Q28: Q28. Gender

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	male

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

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 12   Range: 0 - 40   Format: Numeric

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

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

Q33: Q33. Did you receive an agronomical/agricultural education?

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
03	03
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 - 1   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	no

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

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_4: Q66. Which crops do you intercrop? Cauliflower

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_7: Q66. Which crops do you intercrop? Corn

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q66_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_10: Q66. Which crops do you intercrop? Oilseed rape

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_12: Q66. Which crops do you intercrop? Pepper

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_13: Q66. Which crops do you intercrop? Potato

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_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_17: Q66. Which crops do you intercrop? Sugarcane

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_18: Q66. Which crops do you intercrop? Sunflower

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_19: Q66. Which crops do you intercrop? Tomato

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_20: Q66. Which crops do you intercrop? Watermelon

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_21: Q66. Which crops do you intercrop? Wheat

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

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 - 1   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	yes

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_3: Q61. What crops are you cultivating in rotation? Barley

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q61_4: Q61. What crops are you cultivating in rotation? Cauliflower

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_7: Q61. What crops are you cultivating in rotation? Corn

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q61_9: Q61. What crops are you cultivating in rotation? Grape

Data file: Global_farm_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_12: Q61. What crops are you cultivating in rotation? Pepper

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_13: Q61. What crops are you cultivating in rotation? Potato

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_17: Q61. What crops are you cultivating in rotation? 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

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category

1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

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 - 4   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	sandy clay soil
2	silty clay soil
3	clay soil
4	sandy loam soil

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

Q55A_1: Q55a. Where do you clean your sprain equipment? On farm

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

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 - 2   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

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

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 - 1   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-02-15	2014-02-15
2014-08-01	2014-08-01
2014-08-15	2014-08-15
2014-08-16	2014-08-16
2014-08-17	2014-08-17
2014-08-19	2014-08-19

2014-08-20	2014-08-20
2014-08-21	2014-08-21
2014-08-22	2014-08-22
2014-08-23	2014-08-23
2014-08-24	2014-08-24
2014-08-25	2014-08-25
2014-08-26	2014-08-26
2014-08-27	2014-08-27
2014-08-29	2014-08-29
2014-08-30	2014-08-30
2014-08-31	2014-08-31
2014-09-06	2014-09-06
2014-09-07	2014-09-07
2014-09-08	2014-09-08
2014-09-09	2014-09-09
2014-09-10	2014-09-10
2014-09-14	2014-09-14
2014-09-15	2014-09-15
2014-09-16	2014-09-16
2014-09-17	2014-09-17
2014-09-18	2014-09-18
2014-09-20	2014-09-20

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	active greenhouse
2	open field

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

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 3 - 6   Format: Numeric

---

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-03-15	2014-03-15
2014-09-01	2014-09-01
2014-09-02	2014-09-02
2014-09-03	2014-09-03
2014-09-04	2014-09-04
2014-09-05	2014-09-05
2014-09-06	2014-09-06
2014-09-07	2014-09-07
2014-09-08	2014-09-08
2014-09-09	2014-09-09
2014-09-10	2014-09-10
2014-09-11	2014-09-11
2014-10-07	2014-10-07
2014-10-08	2014-10-08
2014-10-09	2014-10-09
2014-10-10	2014-10-10
2014-10-11	2014-10-11
2014-10-14	2014-10-14
2014-10-15	2014-10-15
2014-10-16	2014-10-16
2014-10-18	2014-10-18
2014-10-20	2014-10-20
2014-10-22	2014-10-22

2014-10-23	2014-10-23
2014-10-25	2014-10-25
2014-10-30	2014-10-30

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 - 1   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	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 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	pre-treated seed treatment
2	on-farm seed treatment

Q224: Q224. Do you apply organic fertilizers for ?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

Q226: Q226. Do you apply chemical fertilizers for ?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes

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 - 10   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: 1 - 1   Format: Numeric

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: 1 - 8   Format: Numeric

---

Q243A: Q243. When was the harvest period for ?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-12-01	2014-12-01
2014-12-02	2014-12-02
2014-12-03	2014-12-03
2014-12-05	2014-12-05
2014-12-06	2014-12-06
2014-12-07	2014-12-07
2014-12-08	2014-12-08
2014-12-10	2014-12-10
2014-12-12	2014-12-12
2014-12-13	2014-12-13
2014-12-14	2014-12-14
2015-01-05	2015-01-05
2015-01-10	2015-01-10
2015-01-12	2015-01-12
2015-01-14	2015-01-14
2015-01-15	2015-01-15
2015-01-16	2015-01-16
2015-01-17	2015-01-17
2015-01-18	2015-01-18
2015-01-20	2015-01-20
2015-01-22	2015-01-22
2015-01-25	2015-01-25
2015-02-01	2015-02-01
2015-02-02	2015-02-02
2015-02-05	2015-02-05

Q243B: Q243. When was the harvest period for ?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-12-01	2014-12-01
2014-12-02	2014-12-02
2014-12-03	2014-12-03
2014-12-05	2014-12-05
2014-12-06	2014-12-06
2014-12-07	2014-12-07
2014-12-08	2014-12-08
2014-12-10	2014-12-10
2014-12-12	2014-12-12
2014-12-13	2014-12-13
2014-12-14	2014-12-14
2015-01-14	2015-01-14
2015-01-23	2015-01-23
2015-01-24	2015-01-24
2015-01-25	2015-01-25
2015-01-27	2015-01-27
2015-01-28	2015-01-28
2015-01-29	2015-01-29
2015-01-30	2015-01-30
2015-01-31	2015-01-31
2015-02-02	2015-02-02
2015-02-03	2015-02-03
2015-02-05	2015-02-05
2015-02-09	2015-02-09
2015-02-10	2015-02-10
2015-02-12	2015-02-12
2015-02-14	2015-02-14
2015-02-15	2015-02-15

Q360A: Q360. When was the harvest period for ?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-12-01	2014-12-01
2014-12-02	2014-12-02
2014-12-03	2014-12-03
2014-12-05	2014-12-05
2014-12-06	2014-12-06
2014-12-07	2014-12-07
2014-12-08	2014-12-08
2014-12-10	2014-12-10
2014-12-12	2014-12-12
2014-12-13	2014-12-13
2014-12-14	2014-12-14
2015-01-05	2015-01-05
2015-01-10	2015-01-10
2015-01-12	2015-01-12
2015-01-14	2015-01-14
2015-01-15	2015-01-15
2015-01-16	2015-01-16
2015-01-17	2015-01-17
2015-01-18	2015-01-18
2015-01-20	2015-01-20
2015-01-22	2015-01-22
2015-01-25	2015-01-25
2015-02-01	2015-02-01
2015-02-02	2015-02-02
2015-02-05	2015-02-05

Q360B: Q360. When was the harvest period for ?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-12-01	2014-12-01
2014-12-02	2014-12-02
2014-12-03	2014-12-03
2014-12-05	2014-12-05
2014-12-06	2014-12-06
2014-12-07	2014-12-07
2014-12-08	2014-12-08
2014-12-10	2014-12-10
2014-12-12	2014-12-12
2014-12-13	2014-12-13
2014-12-14	2014-12-14
2015-01-14	2015-01-14
2015-01-23	2015-01-23
2015-01-24	2015-01-24
2015-01-25	2015-01-25
2015-01-27	2015-01-27
2015-01-28	2015-01-28
2015-01-29	2015-01-29
2015-01-30	2015-01-30
2015-01-31	2015-01-31
2015-02-02	2015-02-02
2015-02-03	2015-02-03
2015-02-05	2015-02-05
2015-02-09	2015-02-09
2015-02-10	2015-02-10
2015-02-12	2015-02-12
2015-02-14	2015-02-14
2015-02-15	2015-02-15

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-12-01	2014-12-01
2014-12-02	2014-12-02
2014-12-03	2014-12-03
2014-12-05	2014-12-05
2014-12-06	2014-12-06
2014-12-07	2014-12-07
2014-12-08	2014-12-08
2014-12-10	2014-12-10
2014-12-12	2014-12-12
2014-12-13	2014-12-13
2014-12-14	2014-12-14
2015-01-05	2015-01-05
2015-01-10	2015-01-10
2015-01-12	2015-01-12
2015-01-14	2015-01-14
2015-01-15	2015-01-15
2015-01-16	2015-01-16
2015-01-17	2015-01-17
2015-01-18	2015-01-18
2015-01-20	2015-01-20
2015-01-22	2015-01-22
2015-01-25	2015-01-25
2015-02-01	2015-02-01
2015-02-02	2015-02-02
2015-02-05	2015-02-05

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-12-01	2014-12-01
2014-12-02	2014-12-02
2014-12-03	2014-12-03
2014-12-05	2014-12-05
2014-12-06	2014-12-06
2014-12-07	2014-12-07
2014-12-08	2014-12-08
2014-12-10	2014-12-10
2014-12-12	2014-12-12
2014-12-13	2014-12-13
2014-12-14	2014-12-14
2015-01-14	2015-01-14
2015-01-23	2015-01-23
2015-01-24	2015-01-24
2015-01-25	2015-01-25
2015-01-27	2015-01-27
2015-01-28	2015-01-28
2015-01-29	2015-01-29
2015-01-30	2015-01-30
2015-01-31	2015-01-31
2015-02-02	2015-02-02
2015-02-03	2015-02-03
2015-02-05	2015-02-05
2015-02-09	2015-02-09
2015-02-10	2015-02-10
2015-02-12	2015-02-12
2015-02-14	2015-02-14
2015-02-15	2015-02-15

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-12-01	2014-12-01
2014-12-02	2014-12-02
2014-12-03	2014-12-03
2014-12-05	2014-12-05
2014-12-06	2014-12-06
2014-12-07	2014-12-07
2014-12-08	2014-12-08
2014-12-10	2014-12-10
2014-12-12	2014-12-12
2014-12-13	2014-12-13
2014-12-14	2014-12-14
2015-01-05	2015-01-05
2015-01-10	2015-01-10
2015-01-12	2015-01-12
2015-01-14	2015-01-14
2015-01-15	2015-01-15
2015-01-16	2015-01-16
2015-01-17	2015-01-17
2015-01-18	2015-01-18
2015-01-20	2015-01-20
2015-01-22	2015-01-22
2015-01-25	2015-01-25
2015-02-01	2015-02-01
2015-02-02	2015-02-02
2015-02-05	2015-02-05

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-12-01	2014-12-01
2014-12-02	2014-12-02
2014-12-03	2014-12-03
2014-12-05	2014-12-05
2014-12-06	2014-12-06
2014-12-07	2014-12-07
2014-12-08	2014-12-08
2014-12-10	2014-12-10
2014-12-12	2014-12-12
2014-12-13	2014-12-13
2014-12-14	2014-12-14
2015-01-14	2015-01-14
2015-01-23	2015-01-23
2015-01-24	2015-01-24
2015-01-25	2015-01-25
2015-01-27	2015-01-27
2015-01-28	2015-01-28
2015-01-29	2015-01-29
2015-01-30	2015-01-30
2015-01-31	2015-01-31
2015-02-02	2015-02-02
2015-02-03	2015-02-03
2015-02-05	2015-02-05
2015-02-09	2015-02-09
2015-02-10	2015-02-10
2015-02-12	2015-02-12
2015-02-14	2015-02-14
2015-02-15	2015-02-15

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: 900 - 20000   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: 1000 - 7000   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 - 4   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	average
2	low
3	very low
4	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: 1000 - 35000   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: 10 - 50   Format: Numeric

Q381_2: Q381. Percentage of FERTILIZERS costs out of the total input cost for ?

Data file: Global_farm_data

Overview

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

---

Q381_3: Q381. Percentage of PESTICIDES costs out of the total input cost for ?

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 5 - 25   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: 5 - 50   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: 2 - 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: 2 - 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: 2 - 15   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: 2 - 20   Format: Numeric

Q381_9: Q381. Percentage of GAS costs out of the total input cost for ?

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 2 - 10   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: 5 - 25   Format: Numeric

Q388: Q388. How would you say the level of ranfall was for growing area A

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

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

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 - 1   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	irrigated using irrigation equipment (e.g. rain,

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

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0

Type: Continuous   Decimal: 0   Width: 10   Range: 2 - 180   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: 8 - 6400   Format: Numeric

HARVESTYEAR: Data collection wave

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0

Type: Discrete   Decimal: 0   Width: 12   Range: 2014 - 2015   Format: Numeric

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-02-15	2014-02-15
2014-08-01	2014-08-01
2014-08-15	2014-08-15
2014-08-16	2014-08-16
2014-08-17	2014-08-17
2014-08-19	2014-08-19
2014-08-20	2014-08-20
2014-08-21	2014-08-21
2014-08-22	2014-08-22
2014-08-23	2014-08-23
2014-08-24	2014-08-24
2014-08-25	2014-08-25
2014-08-26	2014-08-26
2014-08-27	2014-08-27
2014-08-29	2014-08-29
2014-08-30	2014-08-30
2014-08-31	2014-08-31
2014-09-06	2014-09-06
2014-09-07	2014-09-07
2014-09-08	2014-09-08
2014-09-09	2014-09-09
2014-09-10	2014-09-10
2014-09-14	2014-09-14
2014-09-15	2014-09-15
2014-09-16	2014-09-16
2014-09-17	2014-09-17
2014-09-18	2014-09-18
2014-09-20	2014-09-20

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-03-15	2014-03-15
2014-09-01	2014-09-01
2014-09-02	2014-09-02
2014-09-03	2014-09-03
2014-09-04	2014-09-04
2014-09-05	2014-09-05
2014-09-06	2014-09-06
2014-09-07	2014-09-07
2014-09-08	2014-09-08
2014-09-09	2014-09-09
2014-09-10	2014-09-10
2014-09-11	2014-09-11
2014-10-07	2014-10-07
2014-10-08	2014-10-08
2014-10-09	2014-10-09
2014-10-10	2014-10-10
2014-10-11	2014-10-11
2014-10-14	2014-10-14
2014-10-15	2014-10-15
2014-10-16	2014-10-16
2014-10-18	2014-10-18
2014-10-20	2014-10-20
2014-10-22	2014-10-22
2014-10-23	2014-10-23
2014-10-25	2014-10-25
2014-10-30	2014-10-30

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
Follow up the tips help out is crop development	Follow up the tips help out is crop development
Give a modern and new ideas to increase the tomato crop	Give a modern and new ideas to increase the tomato crop

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

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
Agricultural cooperative association	Agricultural cooperative association
Agricultural engineers syndicate	Agricultural engineers syndicate
Farmers Syndicate	Farmers Syndicate
Farmers Union	Farmers Union

Farmers union, vegtables and fruits electors and exporters association, and farmers engineers Syndicate	Farmers union, vegtables and fruits electors and exporters association, and farmers engineers Syndicate
Jordan Agric. Engineers Association	Jordan Agric. Engineers Association
Jordan Agriculture Engineers Association	Jordan Agriculture Engineers Association
Jordan agricultural engineers association	Jordan agricultural engineers association
Water users Association	Water users Association

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
JEPA	JEPA
The Jordan Exporters & Products association for fruit & vegetables	The Jordan Exporters & Products association for fruit & vegetables
farmers union	farmers union

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
vegtables and fruits exporters and electors association	vegtables and fruits exporters and electors association

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 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	flat
2	hilly

Q230_1: Bought seeds

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

Q230_2: Saved seeds

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

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

Data file: Global_farm_data

Overview

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

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

Data file: Global_farm_data

Overview

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

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	active greenhouse
2	passive greenhouse
3	don know / no answer

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-03-15	2014-03-15
2014-09-01	2014-09-01
2014-09-02	2014-09-02
2014-09-03	2014-09-03
2014-09-04	2014-09-04
2014-09-05	2014-09-05
2014-09-06	2014-09-06

2014-09-07	2014-09-07
2014-09-08	2014-09-08
2014-09-09	2014-09-09
2014-09-10	2014-09-10
2014-09-11	2014-09-11
2014-10-07	2014-10-07
2014-10-08	2014-10-08
2014-10-09	2014-10-09
2014-10-10	2014-10-10
2014-10-11	2014-10-11
2014-10-14	2014-10-14
2014-10-15	2014-10-15
2014-10-16	2014-10-16
2014-10-18	2014-10-18
2014-10-20	2014-10-20
2014-10-22	2014-10-22
2014-10-23	2014-10-23
2014-10-25	2014-10-25
2014-10-30	2014-10-30

HARVESTYEAR: Data collection wave

Data file: Crop_protection

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 12   Range: 2014 - 2015   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
JordanTomato1	JordanTomato1
JordanTomato1+3	JordanTomato1+3
JordanTomato2	JordanTomato2
JordanTomato3	JordanTomato3
JordanTomato4	JordanTomato4

COUNTRY: Country

Data file: Crop_protection

Overview

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

Questions and instructions

Value	Category
Jordan	Jordan

▍ FARMTYPE: FARMTYPE

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
BF	BF
RF	RF

▍ GROWERID: Unique respondent ID

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
23100100	23100100
23100200	23100200
23110500	23110500
23110600	23110600
23110700	23110700
23110800	23110800

23110900	23110900
23200300	23200300
23200400	23200400
23200500	23200500
23200600	23200600
23200700	23200700
23200800	23200800
23200900	23200900
23201000	23201000
23201100	23201100
23201200	23201200
23201300	23201300
23201400	23201400
23201500	23201500
23201600	23201600
23201700	23201700
23201800	23201800
23201900	23201900
23202000	23202000
23202100	23202100
23202200	23202200
23203000	23203000
23203100	23203100
23203200	23203200
23203300	23203300
23203400	23203400
23203500	23203500
23203600	23203600
23203700	23203700
23203800	23203800
23203900	23203900
23204000	23204000
23204100	23204100
23204200	23204200
23204300	23204300
23204400	23204400
23204500	23204500
23204600	23204600
23204700	23204700

23204800	23204800
23204900	23204900
23205000	23205000
23208000	23208000
23208200	23208200
23208400	23208400
23208500	23208500
23208700	23208700
23208900	23208900
23209000	23209000
23209100	23209100
23209200	23209200
23209300	23209300
23209400	23209400
23209500	23209500
23209600	23209600
23209700	23209700
23209800	23209800
23209900	23209900
23210000	23210000
23210100	23210100
23210300	23210300
23210500	23210500
23210600	23210600
23210700	23210700
23210800	23210800
23210900	23210900
23211000	23211000
23211100	23211100
23211200	23211200
23211300	23211300
23211400	23211400
23211500	23211500
23211600	23211600
23211700	23211700
23211800	23211800
23211900	23211900
23212000	23212000
23212100	23212100

23212200	23212200
23212300	23212300
23212400	23212400
23212500	23212500
23212600	23212600
23212700	23212700
23212800	23212800
23212900	23212900
23213000	23213000
23213100	23213100
23213200	23213200
23213300	23213300
23213400	23213400
23213500	23213500
23213600	23213600
23213700	23213700
23213900	23213900
23214200	23214200
23214300	23214300
23214400	23214400
23214500	23214500
23214600	23214600
23214700	23214700
23214800	23214800
23215000	23215000
23215100	23215100
23215200	23215200
23215300	23215300
23215400	23215400
23215500	23215500
23215600	23215600
23215700	23215700
23215800	23215800

PRODUCT: Unique code of a product within application

Data file: Crop_protection

Overview

Valid: 0   Invalid: 0

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

Questions and instructions

CATEGORIES

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

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
Tomato	Tomato

APPLICATION: Unique code of an application per field per grower

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

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

6	6
7	7
8	8

▌ Q241A: Q241 a. Timing of product application

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-01-01	2014-01-01
2014-09-15	2014-09-15
2014-10-01	2014-10-01
2014-10-02	2014-10-02
2014-10-04	2014-10-04
2014-10-07	2014-10-07
2014-10-10	2014-10-10
2014-10-12	2014-10-12
2014-10-13	2014-10-13
2014-10-15	2014-10-15
2014-10-17	2014-10-17
2014-10-19	2014-10-19
2014-10-20	2014-10-20
2014-10-25	2014-10-25
2014-10-26	2014-10-26
2014-10-27	2014-10-27
2014-10-30	2014-10-30
2014-11-01	2014-11-01
2014-11-02	2014-11-02
2014-11-03	2014-11-03
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
2014-11-15	2014-11-15
2014-11-16	2014-11-16
2014-11-17	2014-11-17
2014-11-18	2014-11-18
2014-11-19	2014-11-19
2014-11-20	2014-11-20
2014-11-25	2014-11-25
2014-11-26	2014-11-26
2014-11-30	2014-11-30
2014-12-01	2014-12-01
2014-12-02	2014-12-02
2014-12-03	2014-12-03
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
2014-12-14	2014-12-14
2014-12-15	2014-12-15
2014-12-20	2014-12-20
2014-12-24	2014-12-24
2014-12-25	2014-12-25
2014-12-29	2014-12-29
2014-12-30	2014-12-30
2015-01-02	2015-01-02
2015-01-04	2015-01-04
2015-01-05	2015-01-05
2015-01-06	2015-01-06
2015-01-07	2015-01-07
2015-01-25	2015-01-25
2015-01-26	2015-01-26
2015-09-10	2015-09-10
2015-09-17	2015-09-17
2015-09-30	2015-09-30
2015-10-01	2015-10-01
2015-10-03	2015-10-03
2015-10-07	2015-10-07

2015-10-08	2015-10-08
2015-10-10	2015-10-10
2015-10-11	2015-10-11
2015-10-15	2015-10-15
2015-10-16	2015-10-16
2015-10-17	2015-10-17
2015-10-20	2015-10-20
2015-10-21	2015-10-21
2015-10-25	2015-10-25
2015-10-27	2015-10-27
2015-10-30	2015-10-30
2015-11-01	2015-11-01
2015-11-05	2015-11-05
2015-11-09	2015-11-09
2015-11-10	2015-11-10
2015-11-11	2015-11-11
2015-11-13	2015-11-13
2015-11-15	2015-11-15
2015-11-17	2015-11-17
2015-11-20	2015-11-20
2015-11-21	2015-11-21
2015-11-25	2015-11-25
2015-11-27	2015-11-27
2015-11-30	2015-11-30
2015-12-01	2015-12-01
2015-12-05	2015-12-05
2015-12-07	2015-12-07
2015-12-10	2015-12-10
2015-12-11	2015-12-11
2015-12-12	2015-12-12
2015-12-15	2015-12-15
2015-12-20	2015-12-20
2015-12-25	2015-12-25
2015-12-27	2015-12-27
2015-12-30	2015-12-30
2016-01-01	2016-01-01
2016-01-02	2016-01-02
2016-01-05	2016-01-05
2016-01-10	2016-01-10

2016-01-11	2016-01-11
2016-01-15	2016-01-15
2016-01-20	2016-01-20
2016-01-21	2016-01-21
2016-01-25	2016-01-25
2016-01-30	2016-01-30
2016-02-15	2016-02-15

Q241B: Q241 b.Type of product

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	Herbicide
2	Insecticide
3	Fungicide
4	Plant growth regulator, harvest aids,adjuvants
5	Nematicides, molluscicides
6	Miticides, acaricides

Q241C: Q241 c . Brand product name

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q241C1: Q241 c1. Brand product formulation

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

C241C: CODED VARIABLE - stringcode

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

C241CA1: CODED VARIABLE - active ingredient1

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
ABAMECTIN (AVERMECTIN B)	ABAMECTIN (AVERMECTIN B)
ACETAMIPRID	ACETAMIPRID
AZOXYSTROBIN	AZOXYSTROBIN
BENDIOCARB	BENDIOCARB
BIFENZATE	BIFENZATE

CARBENDAZIM	CARBENDAZIM
CHLORFENAPYR	CHLORFENAPYR
CHLOROTHALONIL	CHLOROTHALONIL
CLETHODIM	CLETHODIM
CLODINAFOB-PROPARGYL	CLODINAFOB-PROPARGYL
COPPER-OXYCHLORIDE	COPPER-OXYCHLORIDE
CUBIET	CUBIET
CYPRODINIL	CYPRODINIL
DELTAMETHRIN	DELTAMETHRIN
DIAZINON	DIAZINON
Do not know	Do not know
EMAMECTIN BENZOATE	EMAMECTIN BENZOATE
ETHOPROPHOS (ETHOPROP)	ETHOPROPHOS (ETHOPROP)
FAMOXADONE	FAMOXADONE
FENAZAQUIN	FENAZAQUIN
FIPRONIL	FIPRONIL
FOSETYL-AL	FOSETYL-AL
HEXYTHIAZOX	HEXYTHIAZOX
IMINOCTADINE TRIS(ALBESILATE)	IMINOCTADINE TRIS(ALBESILATE)
INDOXACARB	INDOXACARB
LACTOFEN	LACTOFEN
LAMBDA CYHALOTHRIN	LAMBDA CYHALOTHRIN
LUFENURON	LUFENURON
MANCOZEB (VONDOZEB)	MANCOZEB (VONDOZEB)
MANDIPROPAMID	MANDIPROPAMID
MATHERIN	MATHERIN
OXAMYL	OXAMYL
PAKLOBUTRAZOLE	PAKLOBUTRAZOLE
PETOXAMID	PETOXAMID
PHOSNET	PHOSNET
PHOSTOXIN	PHOSTOXIN
PINOXADEN	PINOXADEN
PYROXSULAM	PYROXSULAM
SULPHUR	SULPHUR
THIAMETHOXAM	THIAMETHOXAM
THIOCYCLAM-HYDROGEN-OXALATE (THIOCYCLAM)	THIOCYCLAM-HYDROGEN-OXALATE (THIOCYCLAM)
ZINC	ZINC
ZINEB	ZINEB

C241CP1: CODED VARIABLE - amount of ai1

Data file: Crop_protection

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 2.5 - 600   Format: Numeric

C241CU1: CODED VARIABLE - unit (% or Gr)

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	g/l
2	percent

C241CA2: CODED VARIABLE - active ingredient2

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
CLOMAZONE	CLOMAZONE
CLOQUINTOCET-MEXYL	CLOQUINTOCET-MEXYL
CYMOXANYLE	CYMOXANYLE
FLUDIOXONIL	FLUDIOXONIL
METALAXIL-M	METALAXIL-M
SULPHUR	SULPHUR
THIAMETHOXAM	THIAMETHOXAM

C241CP2: CODED VARIABLE - amount of ai2

Data file: Crop_protection

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 2.5 - 221   Format: Numeric

Q241D: CODED VARIABLE Q241 d. Dosage ?

Data file: Crop_protection

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 1 - 5000   Format: Numeric

Q241E: CODED VARIABLE Q241 e. Unit of quantity

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	MILLILITER/HECT
2	GRAM/HECT

Q241F: Q241 f. Amount of H2O solved in LITERS per

Data file: Crop_protection

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 50 - 800   Format: Numeric

Q241G: Q241 g. Pest/disease/ weed targeted ?

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
agrotis ipsilon	agrotis ipsilon
aphid	aphid
aphid flies	aphid flies
aphid; flies	aphid; flies
aphid; flies; insects	aphid; flies; insects
blight fungus	blight fungus
blights	blights
blights - fungus	blights - fungus
cotton whitefly	cotton whitefly
damping off	damping off
damping off - late blight - early blight	damping off - late blight - early blight
damping off-late blight	damping off-late blight
don't know	don't know
flies	flies
flies & insects	flies & insects
flies aphid	flies aphid
flies insects	flies insects
fly	fly
fly insects	fly insects
fungus	fungus
fungus - blights	fungus - blights
fungus blight	fungus blight
fungus early blight	fungus early blight
inseacts - flies	inseacts - flies
insects	insects
insects - white fly	insects - white fly
insects flies	insects flies
late blights	late blights
miblew	miblew
milden	milden
mildes	mildes
mildeus	mildeus

mildew	mildew
mildew & fungus	mildew & fungus
mites	mites
nematade	nematade
nematador	nematador
nematodes	nematodes
nematole	nematole
nimatodes	nimatodes
nimotodes	nimotodes
ply	ply
spider	spider
spiders	spiders
stimulate growth	stimulate growth
to stimulate growth	to stimulate growth
tomato aspermy virus	tomato aspermy virus
tomato mosaic	tomato mosaic
warm fly	warm fly
warms insects	warms insects
weeds	weeds
white flies	white flies
white flies & insects	white flies & insects
white fly	white fly
worm	worm
worms	worms

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: 15 - 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: 5 - 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 - 2   Format: Numeric

Questions and instructions

CATEGORIES

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

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 - 2015   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
Jordan	Jordan

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
JordanTomato1	JordanTomato1
JordanTomato1+3	JordanTomato1+3
JordanTomato2	JordanTomato2
JordanTomato3	JordanTomato3
JordanTomato4	JordanTomato4

GROWERID: Unique identifier per grower

Data file: Location

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 12   Range: 23100100 - 23215800   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

Q151: Q151. Open field or in a greenhouse?

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	Active Greenhouse
2	Open field

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

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Yes	Yes

Q25: Q25. Farm address - postal code

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

Value	Category
-1	-1

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
Amman Governorate	Amman Governorate
Irbid Governorate	Irbid Governorate
Ma'an Governorate	Ma'an Governorate

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 - 2015   Format: Numeric

COUNTRY: Country

Data file: Activities and Machinery (Q382)

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Jordan	Jordan

CROP: Crop

Data file: Activities and Machinery (Q382)

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Tomato	Tomato

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
JordanTomato1	JordanTomato1
JordanTomato1+3	JordanTomato1+3
JordanTomato2	JordanTomato2
JordanTomato3	JordanTomato3
JordanTomato4	JordanTomato4

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
23100100	23100100
23100200	23100200
23110500	23110500
23110600	23110600
23110700	23110700

23110800	23110800
23110900	23110900
23200300	23200300
23200400	23200400
23200500	23200500
23200600	23200600
23200700	23200700
23200800	23200800
23200900	23200900
23201000	23201000
23201100	23201100
23201200	23201200
23201300	23201300
23201400	23201400
23201500	23201500
23201600	23201600
23201700	23201700
23201800	23201800
23201900	23201900
23202000	23202000
23202100	23202100
23202200	23202200
23203000	23203000
23203100	23203100
23203200	23203200
23203300	23203300
23203400	23203400
23203500	23203500
23203600	23203600
23203700	23203700
23203800	23203800
23203900	23203900
23204000	23204000
23204100	23204100
23204200	23204200
23204300	23204300
23204400	23204400
23204500	23204500
23204600	23204600

23204700	23204700
23204800	23204800
23204900	23204900
23205000	23205000
23208000	23208000
23208200	23208200
23208400	23208400
23208500	23208500
23208700	23208700
23208900	23208900
23209000	23209000
23209100	23209100
23209200	23209200
23209300	23209300
23209400	23209400
23209500	23209500
23209600	23209600
23209700	23209700
23209800	23209800
23209900	23209900
23210000	23210000
23210100	23210100
23210300	23210300
23210500	23210500
23210600	23210600
23210700	23210700
23210800	23210800
23210900	23210900
23211000	23211000
23211100	23211100
23211200	23211200
23211300	23211300
23211400	23211400
23211500	23211500
23211600	23211600
23211700	23211700
23211800	23211800
23211900	23211900
23212000	23212000

23212100	23212100
23212200	23212200
23212300	23212300
23212400	23212400
23212500	23212500
23212600	23212600
23212700	23212700
23212800	23212800
23212900	23212900
23213000	23213000
23213100	23213100
23213200	23213200
23213300	23213300
23213400	23213400
23213500	23213500
23213600	23213600
23213700	23213700
23213900	23213900
23214200	23214200
23214300	23214300
23214400	23214400
23214500	23214500
23214600	23214600
23214700	23214700
23214800	23214800
23215000	23215000
23215100	23215100
23215200	23215200
23215300	23215300
23215400	23215400
23215500	23215500
23215600	23215600
23215700	23215700
23215800	23215800

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 - 19   Format: Numeric

Questions and instructions

CATEGORIES

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

19	Transport

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 Questionaire Master

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

2015 GGP Questionaire Master

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

reports

Enabling a set change in farm efficiency (productivity brochure)

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

The Good Growth Plan Progress Data - Productivity 2019

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