

Good Growth Plan 2014-2018

Syngenta

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Identification

SURVEY ID NUMBER

PAK_2014-2018_GGP-P_v01_M_v01_A_OCS

TITLE

Good Growth Plan 2014-2018

COUNTRY/ECONOMY

Name	Country code
Pakistan	PAK

STUDY TYPE

Agricultural Survey [ag/oth]

ABSTRACT

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

KIND OF DATA

Sample survey data [ssd]

UNIT OF ANALYSIS

Agricultural holdings

Scope

NOTES

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

TOPICS

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

KEYWORDS

Keyword
Input efficiency
Crop productivity
Agriculture
The Good Growth Plan

Coverage

GEOGRAPHIC COVERAGE

National coverage

Producers and sponsors

PRIMARY INVESTIGATORS

Name
Syngenta

PRODUCERS

Name	Role
Kynetec	Technical assistance

Sampling

SAMPLING PROCEDURE

A. Sample design

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

B. Sample size

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

C. Selection procedure

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

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

(a) wheat growers

Location 1: Lahore , Gujranwalla Location 2: Multan , Sahiwal, Layyah, TobaTekSingh, Vehari = ALL cities in Punjab

Grower having small land holding and mostly with middle to secondary school level education.

Eager to increase their existing crop yields and willing to learn and adapt new technology.

Relatively social among their circle.

data_collection

DATES OF DATA COLLECTION

Start	End
2014	2018

DATA COLLECTION MODE

Face-to-face [f2f]

questionnaires

QUESTIONNAIRES

Data collection tool for 2019 covered the following information:

(A) PRE- HARVEST INFORMATION

PART I: Screening

PART II: Contact Information

PART III: Farm Characteristics

- a. Biodiversity conservation
- b. Soil conservation
- c. Soil erosion
- d. Description of growing area
- e. Training on crop cultivation and safety measures

PART IV: Farming Practices - Before Harvest

- a. Planting and fruit development - Field crops
- b. Planting and fruit development - Tree crops
- c. Planting and fruit development - Sugarcane
- d. Planting and fruit development - Cauliflower
- e. Seed treatment

(B) HARVEST INFORMATION

PART V: Farming Practices - After Harvest

- a. Fertilizer usage
- b. Crop protection products
- c. Harvest timing & quality per crop - Field crops
- d. Harvest timing & quality per crop - Tree crops
- e. Harvest timing & quality per crop - Sugarcane
- f. Harvest timing & quality per crop - Banana
- g. After harvest

PART VI - Other inputs - After Harvest

- a. Input costs
- b. Abiotic stress
- c. Irrigation

See all questionnaires in external materials tab.

data_processing

DATA EDITING

Data processing:

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

Quality assurance

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

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

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

data_appraisal

DATA APPRAISAL

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

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

Access policy

CONTACTS

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

CONFIDENTIALITY

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

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CITATION REQUIREMENTS

The Good Growth Plan Progress Data - Productivity 2019

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DISCLAIMER

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

Metadata production

DDI DOCUMENT ID

DDI_PAK_2014-2018_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

2023-01-30

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 (PAK_2014-2018_GGP-P_v01_EN_M_A_OCS). The following two metadata fields were edited - Document ID and Survey ID.

data_dictionary

Data file	Cases	variables
fertilizers	0	17
seed_treatment	0	25
Farm_level_data	0	32
Global_farm_data	0	208
Crop_protection	0	32
Location	0	18
Activities and Machinery (Q382)	0	9

Data file: fertilizers

Cases: 0

variables: 17

variables

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

total: 17

Data file: seed_treatment

Cases:	0
variables:	25

variables

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

total: 25

Data file: Farm_level_data

Cases: 0

variables: 32

variables

ID	Name	Label	Question
V43	HarvestYear	Data collection wave	
V44	Region	Syngenta's definition of Region	
V45	Territory	Syngenta's definition of Territory	
V46	GrowingArea	To which field/plot does the information relate to?	
V47	ClusterID	Unique cluster ID	
V48	country	Country	
V49	Farmtype	Farm type	
V50	GrowerID	Unique respondent ID	
V51	Crop	The crop of focus	
V52	AreaSize	Q57. Size of growing area A for <TARG1> in <HECT>	
V53	CropSize	Q5.Total cultivated area of <TARG1> in this season in <HECT>	
V54	FarmSize	Q6. Total size of your farm/cultivated area for all crops in <HECT>	
V55	Landproductivity	Land efficiency in ton/ha	
V56	PesticideApplicationEfficiency	Number of field applications used per ton produced	
V57	NutrientEfficiency	Kgs of nitrogen used per ton produced	
V58	PhosphorusEfficiency	Kgs of phosphorus used per ton produced	
V59	PotassiumEfficiency	Kgs of potassium used per ton produced	
V60	SeedEfficiency	Kgs of seeds used per ton produced	
V61	PesticideEfficiency	Kgs of active ingredients from pesticides used in kilogram per ton produced	
V62	HerbicideEfficiency	Kgs of active ingredients from herbicides used per ton produced	
V63	FungicideEfficiency	Kgs of active ingredients from fungicides used per ton produced	
V64	InsecticideEfficiency	Kgs of active ingredients from insecticides used per ton produced	
V65	IrrigationWaterEfficiency	Litres of irrigation water used per ton produced	
V66	LaborEfficiency	Amount of labor hours per unit of crop output produced	
V67	MachineryEfficiency	Amount of machinery used in hours per unit of crop output produced	
V68	SyngentaShare	Percentage of syngenta products used compared to total number of products used	
V69	User_vs_non_user	Does the grower use Syngenta products?	
V70	protocol	have received a crop program and/or any recommendations this season?	
V71	field_preparation	Date of first field preparation	
V72	planting_date	Date of sowing or planting	
V73	harvest_begin	Date when harvest started	
V74	harvest_end	Date when harvest ended	

total: 32

Data file: Global_farm_data

Cases:	0
variables:	208

variables

ID	Name	Label	Question
V75	Territory	Syngenta definition of territory (sub-region)	
V76	country	Country	
V77	ClusterID	Unique cluster ID	
V78	GrowerID	Unique respondent ID	
V79	GrowingArea	To which field/plot does the information relate to?	
V80	Farmtype	Farmtype	
V81	q1c3	Q1.C3. Since you have participated before, we'd like to share with you your individual performance report	
V82	q1f	Q1. F. Would it be okay for you for Syngenta to contact you with follow-up information on The Good Growth Plan?	
V83	crop	Crop of focus	
V84	q56A2_99	Q56A2. Growing area changed from previous year? Don't know / no answer	
V85	q57a	Q57A. How certain you are of the size indication for growing area A?	
V86	q4055	Q4055. TON/HEC Yield objective for area A for <CROP> at beginning of this season?	
V87	q19	Q19. Surname	
V88	q20	Q20. First name	
V89	q21	Q21. Phone number	
V90	q22	Q22. E-mail address	
V91	q27	Q27. Year of birth	
V92	q28	Q28. Gender	
V93	q31	Q31. Until what age did you go to school?	
V94	q30	Q30. Are you a full-time or part-time farmer?	
V95	q30b	Q30. B. How long have you been engaged in farming activities?	
V96	q33	Q33. Did you receive an agronomical/agricultural education?	
V97	q34	Q34. Are you a member of a producer group, association or cooperative for <CROP>?	
V98	q35c	Q35. C. Overall, how satisfied would you say you are with your life these days?	
V99	q37a	Q37.A. Do you have signs of soil erosion by water on	
V100	q37b	Q37.B. Do you have signs of soil erosion by wind on your farm?	
V101	q7001	Q7001. Have you changed your tillage practices for <TARGET CROP> in the past 20 years?	
V102	q7002	Q7002. How did you change your tillage practices for <TARGET CROP>?	
V103	q7003	Q7003. How many years ago did you change your tillage practices for <TARGET CROP>?	
V104	q7004	Q7004. Have you grown cover crop to manage soil health in the past 20 years for <CROP>?	
V105	q7005	Q7005. How many years ago did you start growing a cover crop for <TARGET CROP> ?	
V106	q7006	Q7006 Have you stopped growing a cover crop in the past 20 years for <TARGET CROP>?	
V107	q7008	Q7008. For <Crop> was any land converted from arable land/grassland/forest in the past 20 years?	
V108	q65	Q65. Do you practice intercropping for <TARGET CROP> ?	
V109	q66_7	Q66. Which crops do you intercrop? Corn	
V110	q66_8	Q66. Which crops do you intercrop? Cotton	

ID	Name	Label	Question
V111	q66_14	Q66. Which crops do you intercrop? Rice	
V112	q66_17	Q66. Which crops do you intercrop? Sugarcane	
V113	q66_21	Q66. Which crops do you intercrop? Wheat	
V114	q66_31	Q66. Which crops do you intercrop? Carrot	
V115	q66_45	Q66. Which crops do you intercrop? Fennel	
V116	q66_48	Q66. Which crops do you intercrop? Forage	
V117	q66_49	Q66. Which crops do you intercrop? Garlic	
V118	q66_50	Q66. Which crops do you intercrop? Grass	
V119	q66_52	Q66. Which crops do you intercrop? Guava	
V120	q66_53	Q66. Which crops do you intercrop? Herbs (coriander, cinnamon)	
V121	q66_56	Q66. Which crops do you intercrop? Lady finger (Okra)	
V122	q66_71	Q66. Which crops do you intercrop? Other rice	
V123	q66_96	Q66. Which crops do you intercrop? Other specify 1	
V124	q60	Q60. Do you rotate crops on growing area A for <TARGET CROP>?	
V125	q61_3	Q61. What crops are you cultivating in rotation? Barley	
V126	q61_7	Q61. What crops are you cultivating in rotation? Corn	
V127	q61_8	Q61. What crops are you cultivating in rotation? Cotton	
V128	q61_9	Q61. What crops are you cultivating in rotation? Grape	
V129	q61_12	Q61. What crops are you cultivating in rotation? Pepper	
V130	q61_13	Q61. What crops are you cultivating in rotation? Potato	
V131	q61_14	Q61. What crops are you cultivating in rotation? Rice	
V132	q61_17	Q61. What crops are you cultivating in rotation? Sugarcane	
V133	q61_18	Q61. What crops are you cultivating in rotation? Sunflower	
V134	q61_20	Q61. What crops are you cultivating in rotation? Watermelon	
V135	q61_21	Q61. What crops are you cultivating in rotation? Wheat	
V136	q61_56	Q61. What crops are you cultivating in rotation? Lady finger (Okra)	
V137	q61_96	Q61. What crops are you cultivating in rotation? Other. Specify 1	
V138	q67	Q67. What is the soil type of growing area A for <TARGET CROP>?	
V139	q67b	Q67B. Texture is your soil on growing area A for <TARGET CROP> this season?	
V140	q7011	Q7011. How moist would rate your soil on growing area A for <TARGET CROP> this season?	
V141	q7012	Q7012 Rate the drainage of water through the soil on area A for <TARGET CROP> this season?	
V142	q55e1	Q55E1.Partook in training/meeting on crop/agricultural practices in the past 2 years?	
V143	q5500	Q5500. During the training/meeting, at least 15 minutes talking about safe-use practices	
V144	q55E2_1	Q55E2. Who organized this training? Syngenta representative	
V145	q55E2_2	Q55E2. Who organized this training? Internet	
V146	q55E2_4	Q55E2. Who organized this training? Cooperative	
V147	q55E2_5	Q55E2. Who organized this training? Agronomist/advisor	
V148	q55E2_6	Q55E2. Who organized this training? Supplier	
V149	q55E2_7	Q55E2. Who organized this training? Governmental organization (e.g. Ministry)	
V150	q5501	Q5501. Have you been contacted by a Syngenta representative during the past season?	
V151	q5502_1	Q5502. Can you describe how the Syngenta representative contacted you? Demonstration day	
V152	q5502_2	Q5502. Can you describe how the Syngenta representative contacted you? They visited my farm	
V153	q5502_3	Q5502. Can you describe how the Syngenta representative contacted you? Received a brochure	

ID	Name	Label	Question
V154	q5502_4	Q5502. Can you describe how the Syngenta representative contacted you? Phone call	
V155	q5503	Q5503. How useful was contact with the Syngenta Representative	
V156	q4041a	Q4041.A. Do you feel the need to follow training on crop cultivation in the near future?	
V157	q54_1	Q54. Where do you deposit the rest water after spraying? Citerne (phytobac, heliose, sentinel, biofilter)	
V158	q54_2	Q54. Where do you deposit the rest water after spraying? In fields	
V159	q54_3	Q54. Where do you deposit the rest water after spraying? In rivers, streams, drain or via the ditch	
V160	q54_96	Q54. Where do you deposit the rest water after spraying? Other specify 1:	
V161	q54_oth1	Q54. Other 1:: Q54. Where do you deposit the rest water after spraying?	
V162	q55a_1	Q55a. Where do you clean your sprain equipment? On farm	
V163	q55b_1	Q55b. Where do you dispose the water used for cleaning you equipment? On field	
V164	q55b_3	Q55b. Where do you dispose the water used for cleaning you equipment? On an unpaved surface	
V165	q55b_4	Q55b. Where do you dispose the water used for cleaning you equipment? On a paved surface (drain / dike)	
V166	q55b_96	Q55b. Where do you dispose the water used for cleaning you equipment? Other specify 1:	
V167	q55c	Q55. C. Do you store the sprayer protected from rain?	
V168	q55d	Q55. D. Do you use drift-reducing nozzles on your sprayer?	
V169	q72	Q72. When did the first field preparation start for growing area A for <TARGET CROP> ?	
V170	q73	Q73. KGs/HECT of seeds sown for growing area A for <TARGET CROP>	
V171	q73a1	Q73A1. What is the amount of seeds that has been sown for growing area A?	
V172	q74	Q74. When was the crop sown / planted for growing area A for <TARGET CROP>?	
V173	q7400	Q7400. Have you sown/planted <TARGET CROP> in the same period as last year?	
V174	q231b	Q231B. Are your seeds coated with crop protection products?	
V175	q233	Q233. Do you use on-farm or pre-treated seed treatment to treat the seeds for growing area A for <TARGET CROP>?	
V176	q397new	Q397_NEW. If you have received a crop program and/or any recommendations for growing to implement this season.	
V177	q224a	Q224 A. Did you perform a soil test for <TARGET CROP>?	
V178	q224	Q224. Do you apply organic fertilizers for <TARGET CROP>?	
V179	q226	Q226. Do you apply chemical fertilizers for <TARGET CROP>?	
V180	q229b1	Q229B1.Total number of applications you perform with chemical fertilizers on growing area for <TARGET CROP>?	
V181	q229b2	Q229B2.Total number of applications you perform with organic fertilizers on growing area for <TARGET CROP>?	
V182	q240e_1	Q240E. We would like to better understand the pest pressure on the selected growing areas. INSECT PRESSURE	
V183	q240e_2	Q240E. We would like to better understand the pest pressure on the selected growing areas. DISEASE PRESSURE	
V184	q240e_3	Q240E. We would like to better understand the pest pressure on the selected growing areas. WEED PRESSURE	
V185	q240en	Q240.E1. Do you generally use drift-reducing nozzles on your sprayer?	
V186	q240d	Q240D. Note down the total number of treatments you perform with crop protection products	
V187	q75	Q75. What is the final stand i.e. the number of plants - per <SQUARE METER>/<TARGET CROP>?	
V188	q76	Q76. Prior to harvest, indicate the percentage of the plot area that is lodged for <TARGET CROP>?	
V189	q243a	Q243. When was the harvest period for <TARGET CROP>?	

ID	Name	Label	Question
V190	q243b	Q243. When was the harvest period for <TARGET CROP>?	
V191	q243bb	Q243b. Have you harvested <TARGET CROP> in the same period as last year?	
V192	q244	Q244. Marketable yield that has been achieved for growing area A for <TARGET CROP> in <TON> per <HECTARES>?	
V193	q4094_1	Q4094. Who measured the yield on each of the growing areas? Myself	
V194	q4094_2	Q4094. Who measured the yield on each of the growing areas? Dealer/store	
V195	q4094_3	Q4094. Who measured the yield on each of the growing areas? Manufacturer/representative	
V196	q4094_4	Q4094. Who measured the yield on each of the growing areas? Independent advisor	
V197	q4094_5	Q4094. Who measured the yield on each of the growing areas? Cooperative	
V198	q4094_98	Q4094. Who measured the yield on each of the growing areas? Other specify3	
V199	q4095a	Q4095. A. Compared to previous year, would you say your yield has ...?	
V200	q4096a	Q4096. A. How satisfied are you with your yield this season?	
V201	q4097a	Q4097. A. How satisfied are you with the price you received on the market?	
V202	q251	Q251. % of crop damaged at the time of harvest (total lost - not marketable) for <TARGET CROP>?	
V203	q266b	Q266 B. Please indicate the protein content level of your yield for <TARGET CROP>.	
V204	q360a	Q360. When was the harvest period for <TARGET CROP>?	
V205	q360b	Q360. When was the harvest period for <TARGET CROP>?	
V206	q319a	Q319. When was the harvest period for sugarcane?	
V207	q319b	Q319. When was the harvest period for sugarcane?	
V208	q339a	Q339. When was the harvest period for banana?	
V209	q339b	Q339. When was the harvest period for banana?	
V210	q246_1	Q246. % of the harvest of your target crop is used for own consumption	
V211	q246_2	Q246. % of the harvest of your target crop is used for feeding livestock	
V212	q246_3	Q246. % of the harvest of your target crop is used for harvest sold	
V213	q4002	Q4002. Did you take measures to prevent post-harvest loss for <TARGET CROP>?	
V214	q7013	Q7013. How do you deal with crop residue of <TARGET CROP>?	
V215	q377	Q377. What is the estimated revenue in <DOLLAR>/<HECTARES> for growing area A of <TARGET CROP>?	
V216	q379	Q379.A Can you please explain your answer for <TARGET CROP>?	
V217	q380	Q380. What is your total input cost for <TARGET CROP> from first field preparation until harvest?	
V218	q4111_1	Q4111. Actual costs SEEDS for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V219	q4111_2	Q4111. Actual costs FERTILIZERZ for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V220	q4111_3	Q4111. Actual costs LABOR for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V221	q4111_4	Q4111. Actual costs MACHINERY <TARGET CROP>?<DOLLAR>/<HECTARES>	
V222	q4111_5	Q4111. Actual costs WATER USE for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V223	q4111_6	Q4111. Actual costs FUEL for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V224	q4111_7	Q4111. Actual costs RENT/LOAN for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V225	q4111_8	Q4111. Actual costs FUNGICIDES for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V226	q4111_9	Q4111. Actual costs HERBICIDES for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V227	q4111_10	Q4111. Actual costs INSECTICIDES <TARGET CROP>?<DOLLAR>/<HECTARES>	
V228	q4111_98	Q4111. Actual costs DRYING for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V229	q381_1	Q381. Percentage of TREES/SEED costs out of the total input cost for <TARGET CROP>?	
V230	q381_2	Q381. Percentage of FERTILIZERS costs out of the total input cost for <TARGET CROP>?	
V231	q381_3	Q381. Percentage of PESTICIDES costs out of the total input cost for <TARGET CROP>?	
V232	q381_4	Q381. Percentage of LABOR costs out of the total input cost for <TARGET CROP>?	

ID	Name	Label	Question
V233	q381_5	Q381. Percentage of MACHINERY costs of the total input cost for <TARGET CROP>?	
V234	q381_6	Q381. Percentage of WATER USE costs out of the total input cost for <TARGET CROP>?	
V235	q381_7	Q381. Percentage of FUEL costs out of the total input cost for <TARGET CROP>?	
V236	q381_8	Q381. Percentage of ELECTRICITY costs out of the total input cost for <TARGET CROP>?	
V237	q381_9	Q381. Percentage of GAS costs out of the total input cost for <TARGET CROP>?	
V238	q4121	Q4121. In general for the whole cultivation period, rate the weather conditions for <TARGET CROP>?	
V239	q387_1	Q387. What was the impact for target crop? Reduced yield	
V240	q387_2	Q387. What was the impact for target crop? Reduced yield quality	
V241	q388	Q388. How would you say the level of rainfall was for growing area A	
V242	q388b	Q388. B. You mentioned you had less rainfall this season than usual. Was this problematic?	
V243	q388d	Q388D. You mentioned you had more rainfall this season than usual. Was this problematic?	
V244	q3880	Q3880. How would you say the temperature was during this season ?	
V245	q3880b	Q3880 B. You mentioned you had lower temperatures this season than usual. Was this problematic?	
V246	q3880d	Q3880 D. You mentioned you had higher temperatures this season than usual. Was this problematic?	
V247	q389	Q389. What is the MAIN water source of <TARGET CROP> during this season?	
V248	q390	Q390. What is the number of days you have been irrigating <TARGET CROP>?	
V249	q391	Q391. What is the average amount of hours per day you have been irrigating of <TARGET CROP>?	
V250	q392	Q392. What is the amount of liters that is discharged per hour of <TARGET CROP>?	
V251	q7016	Q7016. Please indicate what percentage of the area is irrigated for <TARGET CROP>	
V252	q7017	Q7017. Which method of irrigation did you apply for <TARGET CROP>?	
V253	q399c	Q399.C. How satisfied are you with the crop program and/or recommendations for <TARGET CROP>?	
V254	harvestyear	Data collection wave	
V255	q215	Q215. When did the first field preparation start for cauliflower?	
V256	q218	Q218. When have the young plants been planted for cauliflower?	
V257	q4000_1	q4000_1. To whom do you sell your yield - I sell it on the local market	
V258	q4000_2	q4000_2. To whom do you sell your yield - I sell it to a trader	
V259	q4000_3	q4000_3. To whom do you sell your yield - I sell it to a wholesaler	
V260	q4000_4	q4000_4. To whom do you sell your yield - I sell it to a feed processing plant	
V261	q4000_5	q4000_5. To whom do you sell your yield - I sell it to a cooperative I am part of	
V262	q4000_6	q4000_6. To whom do you sell your yield -I sell it under a contract	
V263	q4000_7	q4000_7. To whom do you sell your yield -Government owned rural collection center	
V264	q4000_96	q4000_96. To whom do you sell your yield -Other. Specify 1:	
V265	q4000_oth1	Q4000b. Can you please tell us what are your main sources for selling the harvest? Other. Specify 1	
V266	q389_1	q389_1. Which water source has been used for irrigation? Private connection to pipeline	
V267	q389_2	q389_2. Which water source has been used for irrigation? Private well	
V268	q389_3	q389_3. Which water source has been used for irrigation? Private borehole	
V269	q389_4	q389_4. Which water source has been used for irrigation? Public river, stream	
V270	q389_99	q389_99. Which water source has been used for irrigation? Don't know / no answer	
V271	q399	Q399. Please explain why you follow or do not follow the crop program and/or recommendations.	
V272	q397	Q397. Received a recommended growing protocol or crop program from an agricultural advisor?	

ID	Name	Label	Question
V273	q397c	Q397C. Did you receive a protocol/crop program from Syngenta?	
V274	q397d_oth	Q397.D. From which manufacturer have you received a protocol/crop program? OTHER	
V275	q35a_1	Q35.A. What group/association/cooperative are a member of? 1ST	
V276	q58	Q58. In general, what is the topography of your growing area?	
V277	q230_1	Bought seeds	
V278	q230_2	Saved seeds	
V279	q4001	Q4001. % of crop lost in-between harvest and storage or selling <TARG1>?	
V280	q147	Q147. When have the young plants been planted ?	
V281	q247_1a	Q247. BUYER 1 % of yield	
V282	q247_1b	Q247. BUYER 1 price per metric ton	

total: 208

Data file: Crop_protection

Cases: 0

variables: 32

variables

ID	Name	Label	Question
V283	harvestyear	Data collection wave	
V284	GrowingArea	To which field/plot does the information relate to?	
V285	ClusterID	Unique cluster ID	
V286	country	Country	
V287	Farmtype	FARMTYPE	
V288	GrowerID	Unique respondent ID	
V289	product	Unique code of a product within application	
V290	crop	The crop of focus	
V291	application	Unique code of an application per field per grower	
V292	q241a	Q241 a. Timing of product application	
V293	q241b	Q241 b.Type of product	
V294	q241c	Q241 c . Brand product name	
V295	q241c1	Q241 c1. Brand product formulation	
V296	c241c	CODED VARIABLE - stringcode	
V297	c241ca1	CODED VARIABLE - active ingredient1	
V298	c241cp1	CODED VARIABLE - amount of ai1	
V299	c241cu1	CODED VARIABLE - unit (% or Gr)	
V300	c241ca2	CODED VARIABLE - active ingredient2	
V301	c241cp2	CODED VARIABLE - amount of ai2	
V302	c241ca3	CODED VARIABLE - active ingredient3	
V303	c241cp3	CODED VARIABLE - amount of ai3	
V304	c241cpt	CODED VARIABLE - total amount of ai	
V305	q241d	CODED VARIABLE Q241 d. Dosage ?	
V306	q241e	CODED VARIABLE Q241 e. Unit of quantity	
V307	q241f	Q241 f. Amount of H2O solved in LITERS per <HECTARE>	
V308	q241g	Q241 g. Pest/disease/ weed targeted ?	
V309	q241h	Q241 h. Level of pest/ disease/ weed pressure	
V310	q241i	Q241 i. Percentage of the area treated against pests/ diseases/ weeds	
V311	q241j	Q241 j. Percentage of crop free of pests/ diseases/ weeds at harvest (in %)	
V312	q241k	Q241 k. Equipment type ?	
V313	q241n	Q241 n. What is the timing of the treatment - before crop-emergence or after crop-emergence	
V314	syngenta	CODED VARIABLE Syngenta product? (1 = YES; 0 = NO)	

total: 32

Data file: Location

Cases:	0
variables:	18

variables

ID	Name	Label	Question
V315	harvestyear	Year in which the data was collected	
V316	country	Country	
V317	ClusterID	Unique identifier per cluster	
V318	GrowerID	Unique identifier per grower	
V319	GrowingArea	Field code (A or B)	
V320	CORNER	Multiple corners of same field can be registered (only from 2018 onwards)	
V321	gps_option	gps_option	
V322	gps_shape	Description of the field (from 2018 onwards)	
V323	q22d_lat_deg	Latitude degrees	
V324	q22d_lat_min	Latitude minutes	
V325	q22d_lat_sec	Latitude seconds	
V326	q22d_lon_deg	Longitude degrees	
V327	q22d_lon_min	Longitude minutes	
V328	q22d_lon_sec	Longitude seconds	
V329	q151	Q151. Open field or in a greenhouse?	
V330	q1f	Q1. F. Would it be okay for you for this company to contact you with information on The GGP?	
V331	q25	Q25. Farm address - postal code	
V332	admin_level_1	administrative area 1	

total: 18

Data file: Activities and Machinery (Q382)

Cases: 0

variables: 9

variables

ID	Name	Label	Question
V333	harvestyear	Year in which the data was collected	
V334	country	Country	
V335	crop	Crop	
V336	ClusterID	Unique identifier per cluster	
V337	farmtype	Reference farms versus Benchmark farms	
V338	GrowerID	Unique identifier per grower	
V339	GrowingArea	Field code (A or B)	
V340	activity	Which activities did the grower do on his field?	
V341	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 - 2018 Format: Numeric

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	Chemical fertilizer
2	Organic fertilizer

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	A
2	B

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
PakistanWheat1	PakistanWheat1

COUNTRY: Country

Data file: fertilizers

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
Pakistan	Pakistan

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
30110100	30110100
30120100	30120100
30130100	30130100
30140100	30140100
30140200	30140200
30150100	30150100
30160100	30160100
30170100	30170100
30170200	30170200
30180100	30180100
30210200	30210200
30210300	30210300
30220300	30220300
30220400	30220400
30230200	30230200
30230400	30230400
30230500	30230500
30240300	30240300
30240400	30240400
30240500	30240500
30240600	30240600
30250200	30250200
30250300	30250300
30260200	30260200
30260300	30260300
30270300	30270300
30270400	30270400
30270500	30270500
30270600	30270600
30280200	30280200
30280300	30280300

PRODUCT: Unique code of a product that was applied

Data file: fertilizers

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8

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
Wheat	Wheat

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

Data file: fertilizers

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

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

2014-10-12	2014-10-12
2014-11-01	2014-11-01
2014-11-02	2014-11-02
2014-11-04	2014-11-04
2014-11-06	2014-11-06
2014-11-08	2014-11-08
2014-11-10	2014-11-10
2014-11-14	2014-11-14
2014-11-15	2014-11-15
2014-11-18	2014-11-18
2014-11-20	2014-11-20
2014-11-21	2014-11-21
2014-11-22	2014-11-22
2014-11-23	2014-11-23
2014-11-24	2014-11-24
2014-11-25	2014-11-25
2014-11-26	2014-11-26
2014-11-27	2014-11-27
2014-11-28	2014-11-28
2014-11-29	2014-11-29
2014-11-30	2014-11-30
2014-12-01	2014-12-01
2014-12-05	2014-12-05
2014-12-07	2014-12-07
2014-12-10	2014-12-10
2014-12-11	2014-12-11
2014-12-12	2014-12-12
2014-12-14	2014-12-14
2014-12-15	2014-12-15
2014-12-17	2014-12-17
2014-12-18	2014-12-18
2014-12-19	2014-12-19
2014-12-20	2014-12-20
2014-12-21	2014-12-21
2014-12-25	2014-12-25
2014-12-26	2014-12-26
2014-12-27	2014-12-27
2014-12-30	2014-12-30
2014-12-31	2014-12-31

2015-01-01	2015-01-01
2015-01-02	2015-01-02
2015-01-05	2015-01-05
2015-01-07	2015-01-07
2015-01-09	2015-01-09
2015-01-10	2015-01-10
2015-01-14	2015-01-14
2015-01-15	2015-01-15
2015-01-18	2015-01-18
2015-01-20	2015-01-20
2015-01-21	2015-01-21
2015-01-22	2015-01-22
2015-01-24	2015-01-24
2015-01-29	2015-01-29
2015-01-30	2015-01-30
2015-01-31	2015-01-31
2015-02-02	2015-02-02
2015-02-05	2015-02-05
2015-02-10	2015-02-10
2015-02-15	2015-02-15
2015-02-25	2015-02-25
2015-03-01	2015-03-01
2015-03-15	2015-03-15
2015-03-30	2015-03-30
2015-04-30	2015-04-30
2015-05-01	2015-05-01
2015-05-03	2015-05-03
2015-06-01	2015-06-01
2016-09-29	2016-09-29
2016-10-16	2016-10-16
2016-10-22	2016-10-22
2016-10-24	2016-10-24
2016-10-26	2016-10-26
2016-10-28	2016-10-28
2016-11-03	2016-11-03
2016-11-05	2016-11-05
2016-11-07	2016-11-07
2016-11-08	2016-11-08
2016-11-10	2016-11-10

2016-11-12	2016-11-12
2016-11-15	2016-11-15
2016-11-16	2016-11-16
2016-11-18	2016-11-18
2016-11-19	2016-11-19
2016-11-20	2016-11-20
2016-11-21	2016-11-21
2016-11-22	2016-11-22
2016-11-23	2016-11-23
2016-11-24	2016-11-24
2016-11-25	2016-11-25
2016-11-27	2016-11-27
2016-11-28	2016-11-28
2016-11-29	2016-11-29
2016-11-30	2016-11-30
2016-12-04	2016-12-04
2016-12-05	2016-12-05
2016-12-08	2016-12-08
2016-12-10	2016-12-10
2016-12-12	2016-12-12
2016-12-13	2016-12-13
2016-12-14	2016-12-14
2016-12-15	2016-12-15
2016-12-16	2016-12-16
2016-12-17	2016-12-17
2016-12-18	2016-12-18
2016-12-20	2016-12-20
2016-12-22	2016-12-22
2016-12-23	2016-12-23
2016-12-25	2016-12-25
2016-12-26	2016-12-26
2016-12-28	2016-12-28
2016-12-29	2016-12-29
2016-12-30	2016-12-30
2016-12-31	2016-12-31
2017-01-01	2017-01-01
2017-01-02	2017-01-02
2017-01-05	2017-01-05
2017-01-06	2017-01-06

2017-01-08	2017-01-08
2017-01-10	2017-01-10
2017-01-12	2017-01-12
2017-01-20	2017-01-20
2017-01-24	2017-01-24
2017-01-25	2017-01-25
2017-01-28	2017-01-28
2017-02-01	2017-02-01
2017-02-03	2017-02-03
2017-02-04	2017-02-04
2017-02-07	2017-02-07
2017-02-18	2017-02-18
2017-02-19	2017-02-19
2017-02-20	2017-02-20
2017-02-23	2017-02-23
2017-02-25	2017-02-25
2017-02-27	2017-02-27
2017-02-28	2017-02-28
2017-03-02	2017-03-02
2017-03-06	2017-03-06
2017-05-02	2017-05-02
2017-10-25	2017-10-25
2017-11-02	2017-11-02
2017-11-04	2017-11-04
2017-11-05	2017-11-05
2017-11-06	2017-11-06
2017-11-07	2017-11-07
2017-11-08	2017-11-08
2017-11-10	2017-11-10
2017-11-12	2017-11-12
2017-11-13	2017-11-13
2017-11-15	2017-11-15
2017-11-16	2017-11-16
2017-11-19	2017-11-19
2017-11-20	2017-11-20
2017-11-21	2017-11-21
2017-11-24	2017-11-24
2017-11-25	2017-11-25
2017-11-27	2017-11-27

2017-11-28	2017-11-28
2017-11-30	2017-11-30
2017-12-02	2017-12-02
2017-12-04	2017-12-04
2017-12-05	2017-12-05
2017-12-06	2017-12-06
2017-12-07	2017-12-07
2017-12-08	2017-12-08
2017-12-10	2017-12-10
2017-12-13	2017-12-13
2017-12-15	2017-12-15
2017-12-16	2017-12-16
2017-12-17	2017-12-17
2017-12-18	2017-12-18
2017-12-20	2017-12-20
2017-12-25	2017-12-25
2017-12-26	2017-12-26
2017-12-27	2017-12-27
2017-12-28	2017-12-28
2017-12-31	2017-12-31
2018-01-02	2018-01-02
2018-01-03	2018-01-03
2018-01-05	2018-01-05
2018-01-06	2018-01-06
2018-01-08	2018-01-08
2018-01-10	2018-01-10
2018-01-12	2018-01-12
2018-01-15	2018-01-15
2018-01-18	2018-01-18
2018-01-21	2018-01-21
2018-01-26	2018-01-26
2018-01-28	2018-01-28
2018-03-02	2018-03-02

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

Data file: fertilizers

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 2.47 - 6175 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

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 - 2.47 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 - 46 Format: Numeric

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

Data file: fertilizers

Overview

Valid: 0 Invalid: 0

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

Q229CJ: Q229C j. Equipment type

Data file: fertilizers

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

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

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

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 2015 - 2018 Format: Numeric

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
A	A
B	B

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
PakistanWheat1	PakistanWheat1

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
Pakistan	Pakistan

FARMTYPE: FARMTYPE

Data file: seed_treatment

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
BF	BF
RF	RF

GROWERID: Unique respondent ID

Data file: seed_treatment

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
30110100	30110100
30120100	30120100
30130100	30130100
30140100	30140100
30140200	30140200
30150100	30150100
30160100	30160100
30170100	30170100
30170200	30170200

30180100	30180100
30210300	30210300
30220300	30220300
30220400	30220400
30230200	30230200
30230400	30230400
30230500	30230500
30240300	30240300
30240400	30240400
30240500	30240500
30240600	30240600
30250200	30250200
30250300	30250300
30260200	30260200
30260300	30260300
30270300	30270300
30270400	30270400
30270500	30270500
30280300	30280300

PRODUCT: Unique code of a product that was applied

Data file: seed_treatment

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	1
2	2

CROP: The crop of focus

Data file: seed_treatment

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
Wheat	Wheat

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

Data file: seed_treatment

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 98.8 - 148.2 Format: Numeric

Q233C_A: Q233C. a. Timing of product application

Data file: seed_treatment

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
2014-11-04	2014-11-04
2014-11-06	2014-11-06
2014-11-07	2014-11-07
2014-11-09	2014-11-09
2014-11-10	2014-11-10
2014-11-14	2014-11-14
2014-11-17	2014-11-17
2014-11-20	2014-11-20
2014-11-22	2014-11-22
2014-11-23	2014-11-23
2014-11-24	2014-11-24
2014-11-28	2014-11-28
2014-12-05	2014-12-05
2015-11-01	2015-11-01
2015-11-03	2015-11-03
2015-11-04	2015-11-04

2015-11-07	2015-11-07
2015-11-08	2015-11-08
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
2015-11-20	2015-11-20
2015-11-21	2015-11-21
2015-11-25	2015-11-25
2015-11-30	2015-11-30
2016-02-24	2016-02-24
2016-07-24	2016-07-24
2016-11-21	2016-11-21
2017-11-05	2017-11-05
2017-11-10	2017-11-10
2017-11-12	2017-11-12
2017-11-20	2017-11-20
2017-11-24	2017-11-24
2017-11-30	2017-11-30

Q233C_B: Q233C. b.Type of product

Data file: seed_treatment

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

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

Q233C_C: Q233C. c. Brand product name**Data file:** seed_treatment**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q233C_C2: Q233C. c2. Brand product formulation**Data file:** seed_treatment**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

C233C_C: CODED VARIABLE - stringcode**Data file:** seed_treatment**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

C233CA1: CODED VARIABLE - active ingredient1**Data file:** seed_treatment

Overview

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

Questions and instructions

CATEGORIES

Value	Category
AZOXYSTROBIN	AZOXYSTROBIN
BROMOXYNIL	BROMOXYNIL
CLODINAFOB-PROPARGYL	CLODINAFOB-PROPARGYL
DIFENOCONAZOLE	DIFENOCONAZOLE
Do not know	Do not know
IMIDACLOPRID	IMIDACLOPRID
IODOSULFURON-M	IODOSULFURON-M
THIAMETHOXAM	THIAMETHOXAM

C233CP1: CODED VARIABLE - amount of ai1

Data file: seed_treatment

Overview

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

C233CU1: CODED VARIABLE - unit (% or Gr)

Data file: seed_treatment

Overview

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

Questions and instructions

CATEGORIES

Value	Category
%	%
g/l	g/l

C233CA2: CODED VARIABLE - active ingredient2

Data file: seed_treatment

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
FLUDIOXONIL	FLUDIOXONIL
QUARTZ	QUARTZ
TEBUCONAZOLE	TEBUCONAZOLE

C233CP2: CODED VARIABLE - amount of ai2

Data file: seed_treatment

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 6 - 12.5 Format: Numeric

C233CA3: CODED VARIABLE - active ingredient3

Data file: seed_treatment

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
MEFENOXAM	MEFENOXAM

Q233C_D: Q233C. d. PRODUCT 1: Dosage

Data file: seed_treatment

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	50
2	617.5
3	123.50000000000001
4	247.00000000000003
5	494.00000000000006

Q233C_E: Q233C. e. PRODUCT 1: Unit of quantity**Data file:** seed_treatment**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

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

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

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 2.47 - 2470 Format: Numeric

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
APID	APID
Anti Fungus	Anti Fungus
Anti Fungus & Insecticides	Anti Fungus & Insecticides
Aphid & weeds	Aphid & weeds
Avena	Avena
Black Flies	Black Flies
Black Fliess	Black Fliess
Black Fly	Black Fly
Black Pest	Black Pest
Black Tela	Black Tela
DK	DK
Disease	Disease
Diseases Insects	Diseases Insects
Don't know / no answer	Don't know / no answer
Flies	Flies
GRASSES	GRASSES
Germes And Pests	Germes And Pests
Kangari	Kangari
Kangyari	Kangyari
Larva	Larva
Pest And Diseases	Pest And Diseases
Small Ant.	Small Ant.
Teela	Teela
Tela	Tela
Tela, Sibi City	Tela, Sibi City
Tela/ Sibi City	Tela/ Sibi City
Termite	Termite
WHITE FLY & EGGS	WHITE FLY & EGGS
Wide Leaves Fly	Wide Leaves Fly
insects & fungus	insects & fungus

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

Data file: seed_treatment

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	Yes
2	No

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

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 2014 - 2018 Format: Numeric

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
apac	apac

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
asia south	asia south

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
pakistanwheat1	pakistanwheat1

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
Pakistan	Pakistan

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
30110100	30110100
30120100	30120100
30130100	30130100
30140100	30140100
30140200	30140200
30150100	30150100
30160100	30160100
30170100	30170100
30170200	30170200
30180100	30180100
30210200	30210200
30210300	30210300
30220200	30220200
30220300	30220300
30220400	30220400
30230200	30230200
30230300	30230300
30230400	30230400
30230500	30230500
30240300	30240300
30240400	30240400

30240500	30240500
30240600	30240600
30250200	30250200
30250300	30250300
30260200	30260200
30260300	30260300
30270300	30270300
30270400	30270400
30270500	30270500
30270600	30270600
30280200	30280200
30280300	30280300

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
wheat	wheat

AREASIZE: Q57. Size of growing area A for in

Data file: Farm_level_data

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0.202345 - 23.47202 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: 0.40469 - 35.61272 Format: Numeric

FARMSIZE: Q6. Total size of your farm/cultivated area for all crops in**Data file:** Farm_level_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0.607035 - 54.63315 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: 2.4 - 7.41 Format: Numeric

PESTICIDEAPPLICATIONEFFICIENCY: Number of field applications used per ton produced**Data file:** Farm_level_data**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 1.25 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 - 162.5 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 - 69.6428571428571 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 - 38.90625 Format: Numeric

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

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 16.6666666666667 - 60 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 - 0.5225 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 - 0.5 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 - 0.2 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 - 0.3 Format: Numeric

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

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 17507.2777753712 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: 0.255106047583981 - 124.051568236916 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: 0.0650270317370931 - 41.7951520224735 Format: Numeric

SYNGENTASHARE: Percentage of syngenta products used compared to total number of products used**Data file:** Farm_level_data**Overview**

Valid: 0 Invalid: 0

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

USER_VS_NON_USER: Does the grower use Syngenta products?**Data file:** Farm_level_data**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	non-user

2	exclusive user
3	mixed user

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

Data file: Farm_level_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	Received a complete crop program
2	Received recommendations but not a complete program

■ **FIELD_PREPARATION: Date of first field preparation**

Data file: Farm_level_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
2013-10-20	2013-10-20
2013-11-01	2013-11-01
2013-11-02	2013-11-02
2013-11-05	2013-11-05
2013-11-07	2013-11-07
2013-11-10	2013-11-10
2013-11-14	2013-11-14
2013-11-15	2013-11-15
2013-11-17	2013-11-17
2013-11-20	2013-11-20
2013-11-23	2013-11-23
2013-11-25	2013-11-25

2013-11-30	2013-11-30
2014-10-11	2014-10-11
2014-10-20	2014-10-20
2014-10-28	2014-10-28
2014-11-01	2014-11-01
2014-11-02	2014-11-02
2014-11-04	2014-11-04
2014-11-05	2014-11-05
2014-11-06	2014-11-06
2014-11-10	2014-11-10
2014-11-14	2014-11-14
2014-11-15	2014-11-15
2014-11-20	2014-11-20
2014-11-22	2014-11-22
2014-11-24	2014-11-24
2014-11-26	2014-11-26
2014-11-30	2014-11-30
2014-12-05	2014-12-05
2014-12-12	2014-12-12
2014-12-20	2014-12-20
2015-10-10	2015-10-10
2015-11-01	2015-11-01
2015-11-02	2015-11-02
2015-11-03	2015-11-03
2015-11-05	2015-11-05
2015-11-07	2015-11-07
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
2015-11-18	2015-11-18
2015-11-19	2015-11-19
2015-11-20	2015-11-20
2015-11-21	2015-11-21
2015-11-25	2015-11-25
2015-11-28	2015-11-28
2016-09-29	2016-09-29

2016-10-20	2016-10-20
2016-10-22	2016-10-22
2016-10-24	2016-10-24
2016-10-26	2016-10-26
2016-11-03	2016-11-03
2016-11-05	2016-11-05
2016-11-08	2016-11-08
2016-11-10	2016-11-10
2016-11-11	2016-11-11
2016-11-12	2016-11-12
2016-11-15	2016-11-15
2016-11-16	2016-11-16
2016-11-17	2016-11-17
2016-11-18	2016-11-18
2016-11-19	2016-11-19
2016-11-20	2016-11-20
2016-11-21	2016-11-21
2016-11-24	2016-11-24
2017-10-15	2017-10-15
2017-10-20	2017-10-20
2017-10-25	2017-10-25
2017-10-26	2017-10-26
2017-10-30	2017-10-30
2017-11-02	2017-11-02
2017-11-04	2017-11-04
2017-11-05	2017-11-05
2017-11-07	2017-11-07
2017-11-08	2017-11-08
2017-11-10	2017-11-10
2017-11-12	2017-11-12
2017-11-13	2017-11-13
2017-11-15	2017-11-15
2017-11-16	2017-11-16
2017-11-17	2017-11-17
2017-11-18	2017-11-18
2017-11-20	2017-11-20
2017-11-24	2017-11-24

PLANTING_DATE: Date of sowing or planting**Data file: Farm_level_data****Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
2013-11-03	2013-11-03
2013-11-04	2013-11-04
2013-11-07	2013-11-07
2013-11-08	2013-11-08
2013-11-09	2013-11-09
2013-11-10	2013-11-10
2013-11-15	2013-11-15
2013-11-16	2013-11-16
2013-11-17	2013-11-17
2013-11-18	2013-11-18
2013-11-19	2013-11-19
2013-11-20	2013-11-20
2013-11-21	2013-11-21
2013-11-23	2013-11-23
2013-11-25	2013-11-25
2013-12-01	2013-12-01
2013-12-08	2013-12-08
2014-11-02	2014-11-02
2014-11-04	2014-11-04
2014-11-05	2014-11-05
2014-11-06	2014-11-06
2014-11-07	2014-11-07
2014-11-09	2014-11-09
2014-11-10	2014-11-10
2014-11-11	2014-11-11
2014-11-13	2014-11-13
2014-11-14	2014-11-14
2014-11-15	2014-11-15
2014-11-17	2014-11-17
2014-11-18	2014-11-18

2014-11-20	2014-11-20
2014-11-21	2014-11-21
2014-11-22	2014-11-22
2014-11-23	2014-11-23
2014-11-24	2014-11-24
2014-11-25	2014-11-25
2014-11-26	2014-11-26
2014-11-27	2014-11-27
2014-11-28	2014-11-28
2014-12-01	2014-12-01
2014-12-06	2014-12-06
2014-12-07	2014-12-07
2014-12-14	2014-12-14
2014-12-18	2014-12-18
2014-12-25	2014-12-25
2015-11-02	2015-11-02
2015-11-04	2015-11-04
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
2015-11-12	2015-11-12
2015-11-13	2015-11-13
2015-11-15	2015-11-15
2015-11-20	2015-11-20
2015-11-21	2015-11-21
2015-11-25	2015-11-25
2015-11-26	2015-11-26
2015-11-27	2015-11-27
2015-11-30	2015-11-30
2016-10-07	2016-10-07
2016-10-28	2016-10-28
2016-11-04	2016-11-04
2016-11-10	2016-11-10
2016-11-12	2016-11-12
2016-11-15	2016-11-15
2016-11-16	2016-11-16
2016-11-18	2016-11-18

2016-11-19	2016-11-19
2016-11-20	2016-11-20
2016-11-21	2016-11-21
2016-11-22	2016-11-22
2016-11-23	2016-11-23
2016-11-24	2016-11-24
2016-11-25	2016-11-25
2016-11-26	2016-11-26
2016-11-28	2016-11-28
2016-11-29	2016-11-29
2017-11-02	2017-11-02
2017-11-06	2017-11-06
2017-11-07	2017-11-07
2017-11-08	2017-11-08
2017-11-10	2017-11-10
2017-11-12	2017-11-12
2017-11-13	2017-11-13
2017-11-15	2017-11-15
2017-11-20	2017-11-20
2017-11-21	2017-11-21
2017-11-24	2017-11-24
2017-11-25	2017-11-25
2017-11-27	2017-11-27
2017-11-30	2017-11-30

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
2014-04-01	2014-04-01
2014-04-04	2014-04-04
2014-04-10	2014-04-10

2014-04-15	2014-04-15
2014-04-18	2014-04-18
2014-04-20	2014-04-20
2014-04-22	2014-04-22
2014-04-25	2014-04-25
2014-04-30	2014-04-30
2014-05-01	2014-05-01
2014-05-08	2014-05-08
2014-06-01	2014-06-01
2015-04-01	2015-04-01
2015-04-02	2015-04-02
2015-04-05	2015-04-05
2015-04-10	2015-04-10
2015-04-13	2015-04-13
2015-04-14	2015-04-14
2015-04-15	2015-04-15
2015-04-19	2015-04-19
2015-04-20	2015-04-20
2015-04-22	2015-04-22
2015-04-25	2015-04-25
2015-04-30	2015-04-30
2015-05-01	2015-05-01
2015-05-02	2015-05-02
2015-05-03	2015-05-03
2015-05-05	2015-05-05
2015-05-10	2015-05-10
2016-04-04	2016-04-04
2016-04-10	2016-04-10
2016-04-15	2016-04-15
2016-04-18	2016-04-18
2016-04-20	2016-04-20
2016-04-21	2016-04-21
2016-04-22	2016-04-22
2016-04-25	2016-04-25
2016-04-26	2016-04-26
2016-04-27	2016-04-27
2016-04-28	2016-04-28
2016-04-29	2016-04-29
2016-05-09	2016-05-09

2016-05-10	2016-05-10
2016-05-15	2016-05-15
2016-05-17	2016-05-17
2016-05-20	2016-05-20
2016-05-25	2016-05-25
2017-03-26	2017-03-26
2017-04-01	2017-04-01
2017-04-09	2017-04-09
2017-04-10	2017-04-10
2017-04-11	2017-04-11
2017-04-12	2017-04-12
2017-04-14	2017-04-14
2017-04-15	2017-04-15
2017-04-16	2017-04-16
2017-04-18	2017-04-18
2017-04-20	2017-04-20
2017-04-21	2017-04-21
2017-04-23	2017-04-23
2017-04-24	2017-04-24
2017-04-25	2017-04-25
2017-11-15	2017-11-15
2017-11-20	2017-11-20
2018-04-03	2018-04-03
2018-04-09	2018-04-09
2018-04-15	2018-04-15
2018-04-16	2018-04-16
2018-04-18	2018-04-18
2018-04-20	2018-04-20
2018-04-25	2018-04-25
2018-04-27	2018-04-27
2018-04-28	2018-04-28
2018-04-30	2018-04-30
2018-05-04	2018-05-04
2018-05-10	2018-05-10

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
2014-01-01	2014-01-01
2014-04-15	2014-04-15
2014-04-20	2014-04-20
2014-04-25	2014-04-25
2014-04-30	2014-04-30
2014-05-01	2014-05-01
2014-05-02	2014-05-02
2014-05-05	2014-05-05
2014-05-08	2014-05-08
2014-05-10	2014-05-10
2014-05-15	2014-05-15
2014-05-20	2014-05-20
2014-05-25	2014-05-25
2014-06-30	2014-06-30
2015-04-12	2015-04-12
2015-04-15	2015-04-15
2015-04-20	2015-04-20
2015-04-22	2015-04-22
2015-04-23	2015-04-23
2015-04-25	2015-04-25
2015-04-26	2015-04-26
2015-04-28	2015-04-28
2015-04-29	2015-04-29
2015-04-30	2015-04-30
2015-05-05	2015-05-05
2015-05-10	2015-05-10
2015-05-12	2015-05-12
2015-05-15	2015-05-15
2016-04-04	2016-04-04
2016-04-10	2016-04-10
2016-04-15	2016-04-15
2016-04-18	2016-04-18

2016-04-20	2016-04-20
2016-04-22	2016-04-22
2016-04-25	2016-04-25
2016-04-26	2016-04-26
2016-04-27	2016-04-27
2016-04-28	2016-04-28
2016-04-29	2016-04-29
2016-05-09	2016-05-09
2016-05-10	2016-05-10
2016-05-15	2016-05-15
2016-05-20	2016-05-20
2016-05-22	2016-05-22
2016-05-25	2016-05-25
2017-03-30	2017-03-30
2017-04-07	2017-04-07
2017-04-15	2017-04-15
2017-04-16	2017-04-16
2017-04-17	2017-04-17
2017-04-19	2017-04-19
2017-04-20	2017-04-20
2017-04-22	2017-04-22
2017-04-23	2017-04-23
2017-04-24	2017-04-24
2017-04-25	2017-04-25
2017-04-26	2017-04-26
2017-04-27	2017-04-27
2017-04-28	2017-04-28
2017-04-29	2017-04-29
2017-04-30	2017-04-30
2017-05-05	2017-05-05
2017-05-08	2017-05-08
2017-11-30	2017-11-30
2018-04-09	2018-04-09
2018-04-16	2018-04-16
2018-04-20	2018-04-20
2018-04-21	2018-04-21
2018-04-25	2018-04-25
2018-04-26	2018-04-26
2018-04-27	2018-04-27

2018-04-28	2018-04-28
2018-04-30	2018-04-30
2018-05-02	2018-05-02
2018-05-04	2018-05-04
2018-05-10	2018-05-10

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
asia south	asia south

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
Pakistan	Pakistan

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
pakistanwheat1	pakistanwheat1

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
30110100	30110100
30120100	30120100
30130100	30130100
30140100	30140100
30140200	30140200
30150100	30150100
30160100	30160100
30170100	30170100
30170200	30170200
30180100	30180100
30210200	30210200
30210300	30210300
30220200	30220200
30220300	30220300
30220400	30220400
30230200	30230200
30230300	30230300
30230400	30230400
30230500	30230500
30240300	30240300
30240400	30240400
30240500	30240500
30240600	30240600
30250200	30250200
30250300	30250300
30260200	30260200
30260300	30260300
30270300	30270300
30270400	30270400
30270500	30270500
30270600	30270600
30280200	30280200

30280300

30280300

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
a	a
b	b

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
bf	bf
rf	rf

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

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

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 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
wheat	wheat

Q56A2_99: Q56A2. Growing area changed from previous year? Don't know / no answer

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

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

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 3.18 - 135.85 Format: Numeric

Q19: Q19. Surname

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q20: Q20. First name**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

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

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 1923 - 1990 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 - 64 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

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q7002: Q7002. How did you change your tillage practices for ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	don't know/ no answer
2	from conventional tillage to no tillage
3	from no tillage to conventional tillage

4	from reduced to conventional tillage
---	--------------------------------------

Q7003: Q7003. How many years ago did you change your tillage practices for ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 2 - 5 Format: Numeric

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

Q30B: Q30. B. How long have you been engaged in farming activities?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 41 Format: Numeric

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
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1	no
2	yes

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
01 not satisfied at all	01 not satisfied at all
04	04
05	05
06	06
07	07
08	08
09	09
10 very satisfied	10 very satisfied

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	no

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	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_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_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_21: Q66. Which crops do you intercrop? Wheat

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q66_31: Q66. Which crops do you intercrop? Carrot

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_45: Q66. Which crops do you intercrop? Fennel

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_48: Q66. Which crops do you intercrop? Forage

Data file: Global_farm_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_49: Q66. Which crops do you intercrop? Garlic

Data file: Global_farm_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_50: Q66. Which crops do you intercrop? Grass

Data file: Global_farm_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_52: Q66. Which crops do you intercrop? Guava

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_56: Q66. Which crops do you intercrop? Lady finger (Okra)

Data file: Global_farm_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_71: Q66. Which crops do you intercrop? Other 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_96: Q66. Which crops do you intercrop? Other specify 1**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q60: Q60. Do you rotate crops on growing area A for ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q61_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_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_8: Q61. What crops are you cultivating in rotation? 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
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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
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1	not mentioned
2	mentioned

Q61_14: Q61. What crops are you cultivating in rotation? Rice

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_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_20: Q61. What crops are you cultivating in rotation? Watermelon

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q61_56: Q61. What crops are you cultivating in rotation? Lady finger (Okra)

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q67: Q67. What is the soil type of growing area A for ?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 13 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	sandy clay soil
2	silty clay soil
3	clay soil
4	clay loam soil
5	loamy sand soil
6	sandy loam soil
7	silty clay loam soil
8	silt loam soil

9	sandy clay loam soil
10	loam soil
11	sand soil
12	other. specify:
13	silt soil

Q67B: Q67B. Texture is your soil on growing area A for this season?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

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

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	moist
2	dry

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	good drainage
2	poor drainage

Q55E1: Q55E1.Partook in training/meeting on crop/agricultural practices in the past 2 years?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

Q5500: Q5500. During the training/meeting, at least 15 minutes talking about safe-use practices

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q55E2_1: Q55E2. Who organized this training? Syngenta representative

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q55E2_2: Q55E2. Who organized this training? Internet

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q55E2_4: Q55E2. Who organized this training? Cooperative

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q55E2_6: Q55E2. Who organized this training? Supplier**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q55E2_7: Q55E2. Who organized this training? Governmental organization (e.g. Ministry)**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

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

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	Mentioned
2	Not mentioned

Q54_2: Q54. Where do you deposit the rest water after spraying? In fields

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	Mentioned

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	Mentioned

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	Mentioned

Q54_OTH1: Q54. Other 1:: Q54. Where do you deposit the rest water after spraying?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
Dugout space and pour the remaining water and covered the space	Dugout space and pour the remaining water and covered the space
No water left	No water left
Perpare as much as required	Perpare as much as required

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q55B_1: Q55b. Where do you dispose the water used for cleaning you equipment? On field**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q55B_3: Q55b. Where do you dispose the water used for cleaning you equipment? On an unpaved surface**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned

Q55B_96: Q55b. Where do you dispose the water used for cleaning you equipment? Other specify 1:**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned

Q55C: Q55. C. Do you store the sprayer protected from rain?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q55D: Q55. D. Do you use drift-reducing nozzles on your sprayer?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	yes

Q72: Q72. When did the first field preparation start for growing area A for ?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
2013-10-20	2013-10-20
2013-11-01	2013-11-01
2013-11-02	2013-11-02
2013-11-05	2013-11-05

2013-11-07	2013-11-07
2013-11-10	2013-11-10
2013-11-15	2013-11-15
2013-11-17	2013-11-17
2013-11-20	2013-11-20
2013-11-23	2013-11-23
2013-11-25	2013-11-25
2013-11-30	2013-11-30
2014-11-14	2014-11-14
2015-10-10	2015-10-10
2015-11-01	2015-11-01
2015-11-02	2015-11-02
2015-11-03	2015-11-03
2015-11-05	2015-11-05
2015-11-07	2015-11-07
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
2015-11-18	2015-11-18
2015-11-19	2015-11-19
2015-11-20	2015-11-20
2015-11-21	2015-11-21
2015-11-25	2015-11-25
2015-11-28	2015-11-28
2016-09-29	2016-09-29
2016-10-20	2016-10-20
2016-10-22	2016-10-22
2016-10-24	2016-10-24
2016-10-26	2016-10-26
2016-11-03	2016-11-03
2016-11-05	2016-11-05
2016-11-08	2016-11-08
2016-11-10	2016-11-10
2016-11-11	2016-11-11
2016-11-12	2016-11-12
2016-11-15	2016-11-15

2016-11-16	2016-11-16
2016-11-17	2016-11-17
2016-11-18	2016-11-18
2016-11-19	2016-11-19
2016-11-20	2016-11-20
2016-11-21	2016-11-21
2016-11-24	2016-11-24
2017-10-15	2017-10-15
2017-10-20	2017-10-20
2017-10-25	2017-10-25
2017-10-26	2017-10-26
2017-10-30	2017-10-30
2017-11-02	2017-11-02
2017-11-04	2017-11-04
2017-11-05	2017-11-05
2017-11-07	2017-11-07
2017-11-08	2017-11-08
2017-11-10	2017-11-10
2017-11-12	2017-11-12
2017-11-13	2017-11-13
2017-11-15	2017-11-15
2017-11-16	2017-11-16
2017-11-17	2017-11-17
2017-11-18	2017-11-18
2017-11-20	2017-11-20
2017-11-24	2017-11-24

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 98.8 - 148.2 Format: Numeric

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 24.7 - 247000 Format: Numeric

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
2013-11-03	2013-11-03
2013-11-04	2013-11-04
2013-11-07	2013-11-07
2013-11-08	2013-11-08
2013-11-09	2013-11-09
2013-11-10	2013-11-10
2013-11-15	2013-11-15
2013-11-16	2013-11-16
2013-11-17	2013-11-17
2013-11-18	2013-11-18
2013-11-19	2013-11-19
2013-11-20	2013-11-20
2013-11-21	2013-11-21
2013-11-23	2013-11-23
2013-11-25	2013-11-25
2013-12-01	2013-12-01
2013-12-08	2013-12-08
2014-11-20	2014-11-20
2015-11-02	2015-11-02
2015-11-04	2015-11-04
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
2015-11-12	2015-11-12
2015-11-13	2015-11-13

2015-11-15	2015-11-15
2015-11-20	2015-11-20
2015-11-21	2015-11-21
2015-11-25	2015-11-25
2015-11-26	2015-11-26
2015-11-27	2015-11-27
2015-11-30	2015-11-30
2016-10-07	2016-10-07
2016-10-28	2016-10-28
2016-11-04	2016-11-04
2016-11-10	2016-11-10
2016-11-12	2016-11-12
2016-11-15	2016-11-15
2016-11-16	2016-11-16
2016-11-18	2016-11-18
2016-11-19	2016-11-19
2016-11-20	2016-11-20
2016-11-21	2016-11-21
2016-11-22	2016-11-22
2016-11-23	2016-11-23
2016-11-24	2016-11-24
2016-11-25	2016-11-25
2016-11-26	2016-11-26
2016-11-28	2016-11-28
2016-11-29	2016-11-29
2017-11-02	2017-11-02
2017-11-06	2017-11-06
2017-11-07	2017-11-07
2017-11-08	2017-11-08
2017-11-10	2017-11-10
2017-11-12	2017-11-12
2017-11-13	2017-11-13
2017-11-15	2017-11-15
2017-11-20	2017-11-20
2017-11-21	2017-11-21
2017-11-24	2017-11-24
2017-11-25	2017-11-25
2017-11-27	2017-11-27
2017-11-30	2017-11-30

Q7400: Q7400. Have you sown/planted in the same period as last year?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q231B: Q231B. Are your seeds coated with crop protection products?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

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

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

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	i received a complete crop program (this
2	i received some recommendations but not a complete program

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q224: Q224. Do you apply organic fertilizers for ?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

Q226: Q226. Do you apply chemical fertilizers for ?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 1 - 7 Format: Numeric

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

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

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

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

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

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

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0.000247 - 0.000247 Format: Numeric

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

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 55 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
2014-04-01	2014-04-01
2014-04-04	2014-04-04
2014-04-10	2014-04-10
2014-04-15	2014-04-15
2014-04-18	2014-04-18
2014-04-20	2014-04-20
2014-04-22	2014-04-22
2014-04-25	2014-04-25
2014-04-30	2014-04-30
2014-05-01	2014-05-01
2014-05-08	2014-05-08
2014-06-01	2014-06-01
2016-04-04	2016-04-04
2016-04-10	2016-04-10
2016-04-15	2016-04-15
2016-04-18	2016-04-18
2016-04-20	2016-04-20
2016-04-21	2016-04-21
2016-04-22	2016-04-22
2016-04-25	2016-04-25
2016-04-26	2016-04-26
2016-04-27	2016-04-27
2016-04-28	2016-04-28

2016-04-29	2016-04-29
2016-05-09	2016-05-09
2016-05-10	2016-05-10
2016-05-15	2016-05-15
2016-05-17	2016-05-17
2016-05-20	2016-05-20
2016-05-25	2016-05-25
2017-03-26	2017-03-26
2017-04-01	2017-04-01
2017-04-09	2017-04-09
2017-04-10	2017-04-10
2017-04-11	2017-04-11
2017-04-12	2017-04-12
2017-04-14	2017-04-14
2017-04-15	2017-04-15
2017-04-16	2017-04-16
2017-04-18	2017-04-18
2017-04-20	2017-04-20
2017-04-21	2017-04-21
2017-04-23	2017-04-23
2017-04-24	2017-04-24
2017-04-25	2017-04-25
2017-11-15	2017-11-15
2017-11-20	2017-11-20
2018-04-03	2018-04-03
2018-04-09	2018-04-09
2018-04-15	2018-04-15
2018-04-16	2018-04-16
2018-04-18	2018-04-18
2018-04-20	2018-04-20
2018-04-25	2018-04-25
2018-04-27	2018-04-27
2018-04-28	2018-04-28
2018-04-30	2018-04-30
2018-05-04	2018-05-04
2018-05-10	2018-05-10

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
2014-01-01	2014-01-01
2014-04-15	2014-04-15
2014-04-20	2014-04-20
2014-04-25	2014-04-25
2014-04-30	2014-04-30
2014-05-01	2014-05-01
2014-05-02	2014-05-02
2014-05-05	2014-05-05
2014-05-08	2014-05-08
2014-05-10	2014-05-10
2014-05-15	2014-05-15
2014-05-20	2014-05-20
2014-05-25	2014-05-25
2014-06-30	2014-06-30
2016-04-04	2016-04-04
2016-04-10	2016-04-10
2016-04-15	2016-04-15
2016-04-18	2016-04-18
2016-04-20	2016-04-20
2016-04-22	2016-04-22
2016-04-25	2016-04-25
2016-04-26	2016-04-26
2016-04-27	2016-04-27
2016-04-28	2016-04-28
2016-04-29	2016-04-29
2016-05-09	2016-05-09
2016-05-10	2016-05-10
2016-05-15	2016-05-15
2016-05-20	2016-05-20
2016-05-22	2016-05-22

2016-05-25	2016-05-25
2017-03-30	2017-03-30
2017-04-07	2017-04-07
2017-04-15	2017-04-15
2017-04-16	2017-04-16
2017-04-17	2017-04-17
2017-04-19	2017-04-19
2017-04-20	2017-04-20
2017-04-22	2017-04-22
2017-04-23	2017-04-23
2017-04-24	2017-04-24
2017-04-25	2017-04-25
2017-04-26	2017-04-26
2017-04-27	2017-04-27
2017-04-28	2017-04-28
2017-04-29	2017-04-29
2017-04-30	2017-04-30
2017-05-05	2017-05-05
2017-05-08	2017-05-08
2017-11-30	2017-11-30
2018-04-09	2018-04-09
2018-04-16	2018-04-16
2018-04-20	2018-04-20
2018-04-21	2018-04-21
2018-04-25	2018-04-25
2018-04-26	2018-04-26
2018-04-27	2018-04-27
2018-04-28	2018-04-28
2018-04-30	2018-04-30
2018-05-02	2018-05-02
2018-05-04	2018-05-04
2018-05-10	2018-05-10

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 2.4 - 5.928 Format: Numeric

Q4094_1: Q4094. Who measured the yield on each of the growing areas? Myself

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned

2	mentioned
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Q4094_3: Q4094. Who measured the yield on each of the growing areas? Manufacturer/representative

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q4094_4: Q4094. Who measured the yield on each of the growing areas? Independent advisor

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	increased
2	decreased
3	remained stable

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

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

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

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

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Q266B: Q266 B. Please indicate the protein content level of your yield for .

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	high protein content level (above 10%)
2	normal protein content level (about 10%)
3	low protein content level (less than 10%)

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
2014-04-01	2014-04-01
2014-04-04	2014-04-04
2014-04-10	2014-04-10
2014-04-15	2014-04-15
2014-04-18	2014-04-18
2014-04-20	2014-04-20
2014-04-22	2014-04-22
2014-04-25	2014-04-25
2014-04-30	2014-04-30
2014-05-01	2014-05-01
2014-05-08	2014-05-08
2014-06-01	2014-06-01

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
2014-01-01	2014-01-01
2014-04-15	2014-04-15
2014-04-20	2014-04-20
2014-04-25	2014-04-25
2014-04-30	2014-04-30
2014-05-01	2014-05-01
2014-05-02	2014-05-02
2014-05-05	2014-05-05
2014-05-08	2014-05-08
2014-05-10	2014-05-10
2014-05-15	2014-05-15
2014-05-20	2014-05-20
2014-05-25	2014-05-25
2014-06-30	2014-06-30

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
2014-04-01	2014-04-01
2014-04-04	2014-04-04
2014-04-10	2014-04-10
2014-04-15	2014-04-15
2014-04-18	2014-04-18
2014-04-20	2014-04-20

2014-04-22	2014-04-22
2014-04-25	2014-04-25
2014-04-30	2014-04-30
2014-05-01	2014-05-01
2014-05-08	2014-05-08
2014-06-01	2014-06-01

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
2014-01-01	2014-01-01
2014-04-15	2014-04-15
2014-04-20	2014-04-20
2014-04-25	2014-04-25
2014-04-30	2014-04-30
2014-05-01	2014-05-01
2014-05-02	2014-05-02
2014-05-05	2014-05-05
2014-05-08	2014-05-08
2014-05-10	2014-05-10
2014-05-15	2014-05-15
2014-05-20	2014-05-20
2014-05-25	2014-05-25
2014-06-30	2014-06-30

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
2014-04-01	2014-04-01
2014-04-04	2014-04-04
2014-04-10	2014-04-10
2014-04-15	2014-04-15
2014-04-18	2014-04-18
2014-04-20	2014-04-20
2014-04-22	2014-04-22
2014-04-25	2014-04-25
2014-04-30	2014-04-30
2014-05-01	2014-05-01
2014-05-08	2014-05-08
2014-06-01	2014-06-01

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
2014-01-01	2014-01-01
2014-04-15	2014-04-15
2014-04-20	2014-04-20
2014-04-25	2014-04-25
2014-04-30	2014-04-30
2014-05-01	2014-05-01
2014-05-02	2014-05-02
2014-05-05	2014-05-05
2014-05-08	2014-05-08
2014-05-10	2014-05-10
2014-05-15	2014-05-15

2014-05-20	2014-05-20
2014-05-25	2014-05-25
2014-06-30	2014-06-30

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Q4002: Q4002. Did you take measures to prevent post-harvest loss for ?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	i leave the crop residue on the field
2	i burn the crop residue
3	i remove the crop residue and leave it untreated
4	i remove the crop residue and export it off farm

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: 17290 - 209950 Format: Numeric

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

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

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

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 12000 - 111150 Format: Numeric

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

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 19760 Format: Numeric

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

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 29640 Format: Numeric

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

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 9880 Format: Numeric

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

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 24700 Format: Numeric

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

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 17290 Format: Numeric

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

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 17290 Format: Numeric

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

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 19760 Format: Numeric

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

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 11115 Format: Numeric

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

Valid: 0 Invalid: 0

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

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

Valid: 0 Invalid: 0

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

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

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 17000 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: 5 - 22 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 - 46 Format: Numeric

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

Valid: 0 Invalid: 0

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

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

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 43 Format: Numeric

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

Valid: 0 Invalid: 0

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

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

Valid: 0 Invalid: 0

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

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

Valid: 0 Invalid: 0

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

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

Valid: 0 Invalid: 0

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

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

Valid: 0 Invalid: 0

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

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

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

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	somewhat more than usual

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

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	no

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

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

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

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

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

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 1 - 30 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: 0 - 24 Format: Numeric

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

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 1 - 20000 Format: Numeric

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

Valid: 0 Invalid: 0

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

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	flooding the area

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	rather satisfied
2	very satisfied
3	rather unsatisfied

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

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 2014 - 2018 Format: Numeric

Q215: Q215. When did the first field preparation start for cauliflower?**Data file:** Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
2013-10-20	2013-10-20
2013-11-01	2013-11-01
2013-11-02	2013-11-02
2013-11-05	2013-11-05
2013-11-07	2013-11-07
2013-11-10	2013-11-10
2013-11-15	2013-11-15
2013-11-17	2013-11-17
2013-11-20	2013-11-20
2013-11-23	2013-11-23
2013-11-25	2013-11-25
2013-11-30	2013-11-30
2014-11-14	2014-11-14

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
2013-11-03	2013-11-03
2013-11-04	2013-11-04
2013-11-07	2013-11-07
2013-11-08	2013-11-08
2013-11-09	2013-11-09
2013-11-10	2013-11-10
2013-11-15	2013-11-15

2013-11-16	2013-11-16
2013-11-17	2013-11-17
2013-11-18	2013-11-18
2013-11-19	2013-11-19
2013-11-20	2013-11-20
2013-11-21	2013-11-21
2013-11-23	2013-11-23
2013-11-25	2013-11-25
2013-12-01	2013-12-01
2013-12-08	2013-12-08
2014-11-20	2014-11-20

Q4000_1: q4000_1. To whom do you sell your yield - I sell it on the local market

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q4000_2: q4000_2. To whom do you sell your yield - I sell it to a trader

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q4000_4: q4000_4. To whom do you sell your yield - I sell it to a feed processing plant**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned

2	not mentioned
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Q4000_6: q4000_6. To whom do you sell your yield -I sell it under a contract

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q4000_7: q4000_7. To whom do you sell your yield -Government owned rural collection center

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
We keep wheat in home and sold out from home.	We keep wheat in home and sold out from home.

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q389_4: q389_4. Which water source has been used for irrigation? Public river, stream

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q389_99: q389_99. Which water source has been used for irrigation? Don't know / no answer

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q399: Q399. Please explain why you follow or do not follow the crop program and/or recommendations.

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
All Information about cultivation step by step	All Information about cultivation step by step
Because information and benefits we see as well as experts people told about and this is a benefits for uneducated people.	Because information and benefits we see as well as experts people told about and this is a benefits for uneducated people.
Because that had written about medicine and its usage due to benefits.	Because that had written about medicine and its usage due to benefits.
Completely followed, irrigation, fertilizers, timely use of CP products	Completely followed, irrigation, fertilizers, timely use of CP products
Explain if something is not clear	Explain if something is not clear
Follow the protocol	Follow the protocol
For better production	For better production
For better production of crops	For better production of crops
For betterment of crops	For betterment of crops
For betterment of production.	For betterment of production.
For crop betterment	For crop betterment
For crops betterment and high production.	For crops betterment and high production.
For improvement in crop production	For improvement in crop production
For the benefits and the increase of crops growth.	For the benefits and the increase of crops growth.
For the betterment of crops	For the betterment of crops
For the betterment of crops and increase of production.	For the betterment of crops and increase of production.
Get information for the new benefit	Get information for the new benefit

Got now, will act later	Got now, will act later
I almost followed this program	I almost followed this program
I followed it as it help to increase yield	I followed it as it help to increase yield
I followed partially this to increase yield	I followed partially this to increase yield
I followed which I feel appropriate, some were costly to act upon	I followed which I feel appropriate, some were costly to act upon
I will follow it to increase the yield	I will follow it to increase the yield
Improved production and good profit	Improved production and good profit
In this protocol the description is given for the protection of crops and good production. This is helpful for us.	In this protocol the description is given for the protection of crops and good production. This is helpful for us.
Increase the output of the production process	Increase the output of the production process
Information about cultivation step by step	Information about cultivation step by step
Information for the new benefit	Information for the new benefit
It increase yield	It increase yield
Mostly followed, we got awareness about issues and yield	Mostly followed, we got awareness about issues and yield
NO ANSWER	NO ANSWER
NO COMMENTS	NO COMMENTS
New ways about wheat cultivation	New ways about wheat cultivation
No answer	No answer
Normally I do not use CP products but I follow other things of this program	Normally I do not use CP products but I follow other things of this program
Not better growth of crops and also not given the attention	Not better growth of crops and also not given the attention
Our own method is much better	Our own method is much better
Prevent crops from its spoilage	Prevent crops from its spoilage
Profit increased and farmer satisfied.	Profit increased and farmer satisfied.
Protocol and our own agricultural way was not different. Both were same.	Protocol and our own agricultural way was not different. Both were same.
Reason is benefits	Reason is benefits
Such activities are not practical just formalities. Their representative not contacted with us.	Such activities are not practical just formalities. Their representative not contacted with us.
That had good information by which got enough benefits	That had good information by which got enough benefits
These are good information I will follow it	These are good information I will follow it
To enhance the production	To enhance the production
To increas the crops production i adopted the protocol.	To increas the crops production i adopted the protocol.
To increase in production	To increase in production
To increase production	To increase production
To increase production of crops	To increase production of crops
To increase the production	To increase the production
To increase the production process	To increase the production process
To increse production	To increse production
To provide suggestions for the growth	To provide suggestions for the growth

To see its result- Has good result	To see its result- Has good result
VERY HELPFUL FOR US AND INCREASES THE PRODUCTION	VERY HELPFUL FOR US AND INCREASES THE PRODUCTION
We adopted protocol and found good results and production increased.	We adopted protocol and found good results and production increased.
We discuss and advice each other for arrangements because company representatives are not picked our calls when needed.	We discuss and advice each other for arrangements because company representatives are not picked our calls when needed.
We do more than 90 % according to it	We do more than 90 % according to it
We do work with our own procedure	We do work with our own procedure
We gets complete information about crop	We gets complete information about crop
We gets complete information about crop and get good yield	We gets complete information about crop and get good yield
We gets complete information about crop protection	We gets complete information about crop protection
We gets complete information about crop protection and follow it	We gets complete information about crop protection and follow it
We gets complete information and suggestions about crop	We gets complete information and suggestions about crop
We grow our crops as per requirement with traditional pattern.	We grow our crops as per requirement with traditional pattern.
We mostly discuss with farmers fellows.	We mostly discuss with farmers fellows.
We usually adopt our traditional methods.	We usually adopt our traditional methods.
We want to observe whether the production is possible or not by using this method	We want to observe whether the production is possible or not by using this method
Write the true line ,growth is more than these.	Write the true line ,growth is more than these.
Yes, completely followed it, this is good program	Yes, completely followed it, this is good program
it was good, we got very good crop by acting upon it	it was good, we got very good crop by acting upon it
our crop was good, will act uopn in future	our crop was good, will act uopn in future

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q397C: Q397C. Did you receive a protocol/crop program from Syngenta?**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

**Q397D_OTH: Q397.D. From which manufacturer have you received a protocol/crop program?
OTHER****Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q35A_1: Q35.A. What group/association/cooperative are a member of? 1ST**Data file:** Global_farm_data**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
Counsler	Counsler
Kissan Itehad Tanzeem	Kissan Itehad Tanzeem
Plan Pakistan (FIDA)	Plan Pakistan (FIDA)

Plan Pakistan (Fida)	Plan Pakistan (Fida)
Political Party	Political Party
WORKER OF PMN ORGANIZATION	WORKER OF PMN ORGANIZATION

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	gentle slope

Q230_1: Bought seeds

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q230_2: Saved seeds

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
2013-11-03	2013-11-03
2013-11-04	2013-11-04
2013-11-07	2013-11-07
2013-11-08	2013-11-08
2013-11-09	2013-11-09
2013-11-10	2013-11-10
2013-11-15	2013-11-15
2013-11-16	2013-11-16
2013-11-17	2013-11-17
2013-11-18	2013-11-18
2013-11-19	2013-11-19
2013-11-20	2013-11-20
2013-11-21	2013-11-21
2013-11-23	2013-11-23
2013-11-25	2013-11-25

2013-12-01	2013-12-01
2013-12-08	2013-12-08
2014-11-20	2014-11-20

■ Q247_1A: Q247. BUYER 1 % of yield

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

■ Q247_1B: Q247. BUYER 1 price per metric ton

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 1100 - 1300 Format: Numeric

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

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 2014 - 2018 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
PakistanWheat1	PakistanWheat1

COUNTRY: Country**Data file:** Crop_protection**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
Pakistan	Pakistan

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
30110100	30110100
30120100	30120100
30130100	30130100
30140100	30140100
30140200	30140200
30150100	30150100
30160100	30160100
30170100	30170100
30170200	30170200

30180100	30180100
30210200	30210200
30210300	30210300
30220200	30220200
30220300	30220300
30220400	30220400
30230200	30230200
30230300	30230300
30230400	30230400
30230500	30230500
30240300	30240300
30240400	30240400
30240500	30240500
30240600	30240600
30250200	30250200
30250300	30250300
30260200	30260200
30260300	30260300
30270300	30270300
30270400	30270400
30270500	30270500
30270600	30270600
30280200	30280200
30280300	30280300

PRODUCT: Unique code of a product within application

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	1
10	10
11	11

13	13
14	14
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

CROP: The crop of focus

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
Wheat	Wheat

APPLICATION: Unique code of an application per field per grower

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	1
2	2
3	3
4	4

Q241A: Q241 a. Timing of product application**Data file: Crop_protection****Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
2013-01-07	2013-01-07
2013-11-02	2013-11-02
2013-11-07	2013-11-07
2013-11-15	2013-11-15
2013-11-17	2013-11-17
2013-11-20	2013-11-20
2013-11-23	2013-11-23
2013-11-30	2013-11-30
2013-12-12	2013-12-12
2013-12-14	2013-12-14
2013-12-15	2013-12-15
2013-12-16	2013-12-16
2013-12-17	2013-12-17
2013-12-18	2013-12-18
2013-12-20	2013-12-20
2013-12-25	2013-12-25
2013-12-30	2013-12-30
2014-01-01	2014-01-01
2014-01-05	2014-01-05
2014-01-07	2014-01-07
2014-01-08	2014-01-08
2014-01-10	2014-01-10
2014-01-12	2014-01-12
2014-01-14	2014-01-14
2014-01-15	2014-01-15
2014-01-16	2014-01-16
2014-01-18	2014-01-18
2014-01-20	2014-01-20

2014-02-05	2014-02-05
2014-02-10	2014-02-10
2014-02-14	2014-02-14
2014-02-15	2014-02-15
2014-02-18	2014-02-18
2014-02-20	2014-02-20
2014-02-25	2014-02-25
2014-02-28	2014-02-28
2014-03-04	2014-03-04
2014-03-10	2014-03-10
2014-03-12	2014-03-12
2014-03-20	2014-03-20
2014-03-24	2014-03-24
2014-04-04	2014-04-04
2014-11-21	2014-11-21
2014-11-25	2014-11-25
2014-12-01	2014-12-01
2014-12-05	2014-12-05
2014-12-07	2014-12-07
2014-12-10	2014-12-10
2014-12-11	2014-12-11
2014-12-15	2014-12-15
2014-12-20	2014-12-20
2014-12-25	2014-12-25
2014-12-26	2014-12-26
2014-12-28	2014-12-28
2014-12-30	2014-12-30
2015-01-01	2015-01-01
2015-01-03	2015-01-03
2015-01-04	2015-01-04
2015-01-10	2015-01-10
2015-01-14	2015-01-14
2015-01-15	2015-01-15
2015-01-20	2015-01-20
2015-01-25	2015-01-25
2015-01-26	2015-01-26
2015-01-30	2015-01-30
2015-02-01	2015-02-01
2015-02-04	2015-02-04

2015-02-08	2015-02-08
2015-02-12	2015-02-12
2015-02-15	2015-02-15
2015-02-26	2015-02-26
2015-03-01	2015-03-01
2015-03-03	2015-03-03
2015-03-04	2015-03-04
2015-03-05	2015-03-05
2015-03-15	2015-03-15
2015-03-20	2015-03-20
2015-03-25	2015-03-25
2015-03-29	2015-03-29
2015-04-01	2015-04-01
2015-04-11	2015-04-11
2015-11-25	2015-11-25
2015-11-26	2015-11-26
2015-11-28	2015-11-28
2015-11-29	2015-11-29
2015-11-30	2015-11-30
2015-12-04	2015-12-04
2015-12-05	2015-12-05
2015-12-08	2015-12-08
2015-12-10	2015-12-10
2015-12-12	2015-12-12
2015-12-15	2015-12-15
2015-12-16	2015-12-16
2015-12-17	2015-12-17
2015-12-18	2015-12-18
2015-12-19	2015-12-19
2015-12-20	2015-12-20
2015-12-21	2015-12-21
2015-12-22	2015-12-22
2015-12-25	2015-12-25
2015-12-26	2015-12-26
2015-12-27	2015-12-27
2015-12-28	2015-12-28
2015-12-29	2015-12-29
2015-12-30	2015-12-30
2015-12-31	2015-12-31

2016-01-02	2016-01-02
2016-01-05	2016-01-05
2016-01-07	2016-01-07
2016-01-10	2016-01-10
2016-01-15	2016-01-15
2016-01-20	2016-01-20
2016-01-21	2016-01-21
2016-01-25	2016-01-25
2016-02-02	2016-02-02
2016-02-03	2016-02-03
2016-02-05	2016-02-05
2016-02-10	2016-02-10
2016-02-15	2016-02-15
2016-02-20	2016-02-20
2016-02-22	2016-02-22
2016-03-12	2016-03-12
2016-03-15	2016-03-15
2016-03-25	2016-03-25
2016-04-10	2016-04-10
2016-10-27	2016-10-27
2016-11-11	2016-11-11
2016-11-26	2016-11-26
2016-11-28	2016-11-28
2016-11-29	2016-11-29
2016-12-04	2016-12-04
2016-12-11	2016-12-11
2016-12-12	2016-12-12
2016-12-15	2016-12-15
2016-12-18	2016-12-18
2016-12-19	2016-12-19
2016-12-20	2016-12-20
2016-12-21	2016-12-21
2016-12-23	2016-12-23
2016-12-24	2016-12-24
2016-12-25	2016-12-25
2016-12-26	2016-12-26
2016-12-28	2016-12-28
2016-12-30	2016-12-30
2017-01-02	2017-01-02

2017-01-05	2017-01-05
2017-01-06	2017-01-06
2017-01-08	2017-01-08
2017-01-20	2017-01-20
2017-01-22	2017-01-22
2017-01-26	2017-01-26
2017-01-28	2017-01-28
2017-02-01	2017-02-01
2017-02-02	2017-02-02
2017-02-04	2017-02-04
2017-02-05	2017-02-05
2017-02-11	2017-02-11
2017-02-15	2017-02-15
2017-02-16	2017-02-16
2017-02-20	2017-02-20
2017-03-10	2017-03-10
2017-03-11	2017-03-11
2017-11-20	2017-11-20
2017-12-10	2017-12-10
2017-12-15	2017-12-15
2017-12-25	2017-12-25
2017-12-26	2017-12-26
2017-12-27	2017-12-27
2017-12-28	2017-12-28
2017-12-29	2017-12-29
2017-12-30	2017-12-30
2018-01-02	2018-01-02
2018-01-05	2018-01-05
2018-01-10	2018-01-10
2018-01-15	2018-01-15
2018-01-17	2018-01-17
2018-01-22	2018-01-22
2018-01-25	2018-01-25
2018-02-02	2018-02-02
2018-02-04	2018-02-04
2018-02-05	2018-02-05
2018-02-07	2018-02-07
2018-02-20	2018-02-20
2018-03-05	2018-03-05

2018-03-10

2018-03-10

Q241B: Q241 b.Type of product**Data file: Crop_protection****Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

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

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
ACETAMIPRID	ACETAMIPRID
ACETOCHLORE	ACETOCHLORE
AMINO ACIDS	AMINO ACIDS
AZOXYSTROBIN	AZOXYSTROBIN
BROMOXINIL OTTANOATO	BROMOXINIL OTTANOATO
BROMOXYNIL	BROMOXYNIL
CARFENTRAZONE-E	CARFENTRAZONE-E
CHLORIMURON-ETHYL	CHLORIMURON-ETHYL
CLODINAFOB-PROPARGYL	CLODINAFOB-PROPARGYL
DIFENOCONAZOLE	DIFENOCONAZOLE
Do not know	Do not know
FENOXAPROP-P-ETHYL	FENOXAPROP-P-ETHYL
FENPROPIMORF	FENPROPIMORF

FLUROXYPYR	FLUROXYPYR
IMIDACLOPRID	IMIDACLOPRID
ISOPROTURON	ISOPROTURON
LUFENURON	LUFENURON
MANCOZEB (VONDOZEB)	MANCOZEB (VONDOZEB)
MESOSULFURON METHYL	MESOSULFURON METHYL
METSULFURON-METHYL	METSULFURON-METHYL
PINOXADEN	PINOXADEN
PROPACHIZAPHOPE	PROPACHIZAPHOPE
PROPICONAZOLE	PROPICONAZOLE
PYMETROZINE	PYMETROZINE
S-METOLACHLORE	S-METOLACHLORE
SULPHUR	SULPHUR
THIAMETHOXAM	THIAMETHOXAM
TRIASULFURON	TRIASULFURON

C241CP1: CODED VARIABLE - amount of ai1

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 5 - 960 Format: Numeric

C241CU1: CODED VARIABLE - unit (% or Gr)

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	g/l
2	percent

C241CA2: CODED VARIABLE - active ingredient2

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
FLUDIOXONIL	FLUDIOXONIL
JODOSZULFURON	JODOSZULFURON
MCPA	MCPA
QUARTZ	QUARTZ
TRIBUNERONE-METHYL	TRIBUNERONE-METHYL

C241CP2: CODED VARIABLE - amount of ai2

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0
 Type: Continuous Decimal: 0 Width: 10 Range: 6.3 - 400 Format: Numeric

C241CA3: CODED VARIABLE - active ingredient3

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
MEFENOXAM	MEFENOXAM

C241CP3: CODED VARIABLE - amount of ai3

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0
 Type: Continuous Decimal: 0 Width: 10 Range: 37.5 - 37.5 Format: Numeric

C241CPT: CODED VARIABLE - total amount of ai**Data file:** Crop_protection**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 5 - 960 Format: Numeric

Q241D: CODED VARIABLE Q241 d. Dosage ?**Data file:** Crop_protection**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 24.7 - 2470 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: 2.47 - 741 Format: Numeric

Q241G: Q241 g. Pest/disease/ weed targeted ?**Data file:** Crop_protection

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	1
99	99
aphid	aphid
avena & phlarasis	avena & phlarasis
avena + phlarasis	avena + phlarasis
bathoo	bathoo
blach bug	blach bug
black ; green teela	black ; green teela
black bug	black bug
black bug;flies	black bug;flies
black flies	black flies
black therpes	black therpes
broad leaves	broad leaves
broad leaves grasses	broad leaves grasses
broad leaves herbs	broad leaves herbs
broader ; sharp end leaves	broader ; sharp end leaves
broader leaves	broader leaves
broader leaves herb	broader leaves herb
broader leaves herbs	broader leaves herbs
bug	bug
bug fly	bug fly
bug;mite	bug;mite
bug;white flies	bug;white flies
different weeds	different weeds
don't know	don't know
don't know ; no answer	don't know ; no answer
dubbi sittu; broader leaves	dubbi sittu; broader leaves
dumbi citi	dumbi citi
dumbi city	dumbi city
dumbi jai	dumbi jai
dumbi sitti	dumbi sitti
dumbi sitti ; jungli g	dumbi sitti ; jungli g

dumbi sitti; jungli g	dumbi sitti; jungli g
dumbi sitti;other herbs	dumbi sitti;other herbs
for broader leaves	for broader leaves
for frowth	for frowth
for growth	for growth
for herbicides	for herbicides
for herbs broader leaves	for herbs broader leaves
for herbs short end	for herbs short end
for juwi elimination	for juwi elimination
for lettuce	for lettuce
fungas;	fungas;
geern tella	geern tella
grasses	grasses
grasses & broad leaves	grasses & broad leaves
grasses avena	grasses avena
green bug	green bug
green flies	green flies
green thrips	green thrips
gunder	gunder
harmful herb	harmful herb
harmful herbs	harmful herbs
harmful insects	harmful insects
herb dubbi sitti	herb dubbi sitti
herbicides	herbicides
herbs	herbs
herbs ; rats	herbs ; rats
insect black teela	insect black teela
insect joozi; dumbi sitti	insect joozi; dumbi sitti
insect kala teela	insect kala teela
insect teela	insect teela
jassid	jassid
jessid	jessid
jodil	jodil
jooki; dunbi sitti; lombter	jooki; dunbi sitti; lombter
jungle dumbi sitti	jungle dumbi sitti
jungle jai	jungle jai
jungle jai;	jungle jai;
jungli jai	jungli jai
juwi	juwi

larva	larva
larve	larve
mite	mite
mite;bug	mite;bug
nar gundar	nar gundar
no answer	no answer
phalaris ; avena	phalaris ; avena
phalaris; avena	phalaris; avena
phlarasis + avena	phlarasis + avena
phlaris	phlaris
phlaris arena	phlaris arena
provide support to sittay ; prevent it from getting black	provide support to sittay ; prevent it from getting black
provide support to the tillers	provide support to the tillers
safety measures for broader leaves	safety measures for broader leaves
seed treatement	seed treatement
sharp end leaves	sharp end leaves
sharp leaves herb	sharp leaves herb
short end herbs	short end herbs
strengthen the stem	strengthen the stem
tablakia	tablakia
teela	teela
teela insect	teela insect
thin leaves herbs	thin leaves herbs
thrips	thrips
tick;mite	tick;mite
to finish fungus	to finish fungus
to finish teela ; prevent from being black	to finish teela ; prevent from being black
to finish the fungus	to finish the fungus
to kill broader leaves herbs	to kill broader leaves herbs
to kill dumbi sitti ; jungli	to kill dumbi sitti ; jungli
to mitigate the insects	to mitigate the insects
to save from the disease;	to save from the disease;
to save tillers from fungus	to save tillers from fungus
to strong the plant	to strong the plant
vanish herbs	vanish herbs
vanish the herbs	vanish the herbs
weed	weed
weeds	weeds
wide leaf arva	wide leaf arva

wide leaf larva	wide leaf larva
wide leave larve	wide leave larve
wide leaves larva	wide leaves larva

Q241H: Q241 h. Level of pest/ disease/ weed pressure

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	Medium pressure
2	Low pressure
3	High pressure

Q241I: Q241 i. Percentage of the area treated against pests/ diseases/ weeds

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

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

Q241J: Q241 j. Percentage of crop free of pests/ diseases/ weeds at harvest (in %)

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

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

Q241K: Q241 k. Equipment type ?

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

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

Q241N: Q241 n. What is the timing of the treatment - before crop-emergence or after crop-emergence

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

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

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

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	No
2	Yes

HARVESTYEAR: Year in which the data was collected**Data file: Location****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 2014 - 2018 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
Pakistan	Pakistan

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
PakistanWheat1	PakistanWheat1

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

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 30110100 - 30280300 Format: Numeric

GROWINGAREA: Field code (A or B)**Data file: Location****Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
A	A
B	B

CORNER: Multiple corners of same field can be registered (only from 2018 onwards)**Data file: Location****Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

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

GPS_OPTION: gps_option**Data file: Location****Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	interviewer captures at least two points per field

2	Only one reference captured
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GPS_SHAPE: Description of the field (from 2018 onwards)

Data file: Location

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	Rectangle

Q22D_LAT_DEG: Latitude degrees

Data file: Location

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q22D_LAT_MIN: Latitude minutes

Data file: Location

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q22D_LAT_SEC: Latitude seconds**Data file:** Location**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q22D_LON_DEG: Longitude degrees**Data file:** Location**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q22D_LON_MIN: Longitude minutes**Data file:** Location**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q22D_LON_SEC: Longitude seconds**Data file: Location****Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q151: Q151. Open field or in a greenhouse?**Data file: Location****Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	Open field

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
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
108/9-L	108/9-L
108/9L	108/9L
15/Wb	15/Wb
279/TDA	279/TDA
279/Tda	279/Tda
38000	38000
69/WB	69/WB
69/Wb	69/Wb
81/5L	81/5L
89/WB	89/WB
89/Wb	89/Wb
99	99

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
HR	HR
Islamabad Capital Territory	Islamabad Capital Territory
Punjab	Punjab
بلوچستان	بلوچستان

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 - 2018 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
Pakistan	Pakistan

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
Wheat	Wheat

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

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
PakistanWheat1	PakistanWheat1

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
30110100	30110100
30120100	30120100
30130100	30130100
30140100	30140100
30140200	30140200
30150100	30150100
30160100	30160100
30170100	30170100
30170200	30170200

30180100	30180100
30210200	30210200
30210300	30210300
30220200	30220200
30220300	30220300
30220400	30220400
30230200	30230200
30230300	30230300
30230400	30230400
30230500	30230500
30240300	30240300
30240400	30240400
30240500	30240500
30240600	30240600
30250200	30250200
30250300	30250300
30260200	30260200
30260300	30260300
30270300	30270300
30270400	30270400
30270500	30270500
30270600	30270600
30280200	30280200
30280300	30280300

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	Applying fertilizers
8	Mulching
9	Sowing or planting
10	Scouting for pests and diseases
11	Applying pesticides
12	Irrigating
13	Pruning
14	Weeding
15	Harvesting
16	Post handling
17	Processing
18	Transport
19	Seed Treatment

MACHINERY: Did he use power driven equipment to complete this activity?**Data file: Activities and Machinery (Q382)****Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	Yes
2	No

study_resources

questionnaires

2014 GGP Questionnaire Master

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

2015 GGP Questionnaire Master

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

2016 GGP Questionnaire Master

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

2017 GGP Questionnaire Master

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

2018 GGP Questionnaire Master

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

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
