Good Growth Plan 2016-2019

Syngenta

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Identification

SURVEY ID NUMBER
ZWE_2016-2019_GGP-P_v01_M_v01_A_OCS

TITLE
Good Growth Plan 2016-2019

COUNTRY/ECONOMY

Name	Country code
Zimbabwe	ZWE

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).

data_collection

DATES OF DATA COLLECTION

Start	End
2016	2019

DATA COLLECTION MODE
Face-to-face [f2f]

questionnaires

QUESTIONNAIRES
Data collection tool for 2019 covered the following information:

(A) PRE- HARVEST INFORMATION
PART I: Screening
PART II: Contact Information
PART III: Farm Characteristics
a. Biodiversity conservation

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

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

See all questionnaires in external materials tab

data_processing

DATA EDITING
Data processing:

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

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

• Screening: Each grower is screened and selected by Kynetec based on cluster-specific criteria to ensure a comparable group of growers within each cluster. This helps keeping variability low.
• Evaluation of the questionnaire: The questionnaire aligns with the global objective of the project and is adapted to the local context (e.g. interviewers and growers should understand what is asked). Each year the questionnaire is evaluated based on several criteria, and updated where needed.
• Briefing of interviewers: Each year, local interviewers - familiar with the local context of farming -are thoroughly briefed to fully comprehend the questionnaire to obtain unbiased, accurate answers from respondents.
• Cross-validation of the answers:
o Kynetec captures all growers' responses through a digital data-entry tool. Various logical and consistency checks are automated in this tool (e.g. total crop size in hectares cannot be larger than farm size)
o Kynetec cross validates the answers of the growers in three different ways:
1. Within the grower (check if growers respond consistently during the interview)
2. Across years (check if growers respond consistently throughout the years)
3. Within cluster (compare a grower's responses with those of others in the group)

o All the above mentioned inconsistencies are followed up by contacting the growers and asking them to verify their answers. The data is updated after verification. All updates are tracked.

• Check and discuss evolutions and patterns: Global evolutions are calculated, discussed and reviewed on a monthly basis jointly by Kynetec and Syngenta.
• Sensitivity analysis: sensitivity analysis is conducted to evaluate the global results in terms of outliers, retention rates and overall statistical robustness. The results of the sensitivity analysis are discussed jointly by Kynetec and Syngenta.
• It is recommended that users interested in using the administrative level 1 variable in the location dataset use this variable with care and crosscheck it with the postal code variable.

data_appraisal

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

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

Access policy

CONTACTS

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

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

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CITATION REQUIREMENTS
The Good Growth Plan Progress Data - Productivity 2019

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

Metadata production

DDI DOCUMENT ID
DDI_ZWE_2016-2019_GGP-P_v01_M_v01_A_OCS

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
2022-11-17

DDI DOCUMENT VERSION
Version 01 (November 2022): This metadata was downloaded from the FAO website (https://microdata.fao.org/index.php/catalog) and it is identical to FAO version (ZWE_2016-2019_GGP-P_v01_EN_M_A_OCS_v01). The following two metadata fields were edited - Document ID and Survey ID.

data_dictionary

Data file	Cases	variables
fertilizers	0	17
seed_treatment	0	15
Farm_level_data	0	31
Global_farm_data	0	198
Crop_protection	0	32
Location	0	19
Activities and Machinery (Q382)	0	9

Data file	Cases	variables

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:	15

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_c	Q233C. c. Brand product name	
V28	q233c_c2	Q233C. c2. Brand product formulation	
V29	c233c_c	CODED VARIABLE - stringcode	
V30	c233ca1	CODED VARIABLE - active ingredient1	
V31	q233c_g	Q233C. g. PRODUCT 1: Pest/disease/ weed targeted	
V32	syngenta	CODED VARIABLE Syngenta product? (1 = YES; 0 = NO)	

total: 15

Data file: Farm_level_data

Cases:	0
variables:	31

variables

ID	Name	Label	Question
V33	HarvestYear	Data collection wave	
V34	Region	Syngenta's definition of Region	
V35	Territory	Syngenta's definition of Territory	
V36	GrowingArea	To which field/plot does the information relate to?	
V37	ClusterID	Unique cluster ID	
V38	country	Country	
V39	Farmtype	Farm type	
V40	GrowerID	Unique respondent ID	
V41	Crop	The crop of focus	
V42	AreaSize	Q57. Size of growing area A for <TARG1> in <HECT>	
V43	CropSize	Q5.Total cultivated area of <TARG1> in this season in <HECT>	
V44	FarmSize	Q6. Total size of your farm/cultivated area for all crops in <HECT>	
V45	Landproductivity	Land efficiency in ton/ha	
V46	PesticideApplicationEffiiciency	Number of field applications used per ton produced	
V47	NutrientEfficiency	Kgs of nitrogen used per ton produced	
V48	PhosphorusEfficiency	Kgs of phosphorus used per ton produced	
V49	PotassiumEfficiency	Kgs of potassium used per ton produced	
V50	SeedEfficiency	Kgs of seeds used per ton produced	
V51	PesticideEfficiency	Kgs of active ingredients from pesticides used in kilogram per ton produced	
V52	HerbicideEfficiency	Kgs of active ingredients from herbicides used per ton produced	
V53	InsecticideEfficiency	Kgs of active ingredients from insecticides used per ton produced	
V54	IrrigationWaterEfficiency	Litres of irrigation water used per ton produced	
V55	LaborEfficiency	Amount of labor hours per unit of crop output produced	
V56	MachineryEfficiency	Amount of machinery used in hours per unit of crop output produced	
V57	SyngentaShare	Percentage of syngenta products used compared to total number of products used	
V58	User_vs_non_user	Does the grower use Syngenta products?	
V59	protocol	have received a crop program and/or any recommendations this season?	
V60	field_preparation	Date of first field preparation	
V61	planting_date	Date of sowing or planting	
V62	harvest_begin	Date when harvest started	
V63	harvest_end	Date when harvest ended	

total: 31

Data file: Global_farm_data

Cases:	0
variables:	198

variables

ID	Name	Label	Question
V64	Territory	Syngenta definition of territory (sub-region)	
V65	country	Country	
V66	ClusterID	Unique cluster ID	
V67	GrowerID	Unique respondent ID	
V68	GrowingArea	To which field/plot does the information relate to?	
V69	Farmtype	Farmtype	
V70	q1c3	Q1.C3. Since you have participated before, we'd like to share with you your individual performance report	
V71	q1f	Q1. F. Would it be okay for you for Syngenta to contact you with follow-up information on The Good Growth Plan?	
V72	crop	Crop of focus	
V73	q56A2_1	Q56A2. Growing area changed from previous year- did not plant this area due to crop rotation	
V74	q57a	Q57A. How certain you are of the size indication for growing area A?	
V75	q4055	Q4055. TON/HEC Yield objective for area A for <CROP> at beginning of this season?	
V76	q19	Q19. Surname	
V77	q20	Q20. First name	
V78	q21	Q21. Phone number	
V79	q22	Q22. E-mail address	
V80	q27	Q27. Year of birth	
V81	q28	Q28. Gender	
V82	q31	Q31. Until what age did you go to school?	
V83	q30	Q30. Are you a full-time or part-time farmer?	
V84	q30b	Q30. B. How long have you been engaged in farming activities?	
V85	q33	Q33. Did you receive an agronomical/agricultural education?	
V86	q34	Q34. Are you a member of a producer group, association or cooperative for <CROP>?	
V87	q35c	Q35. C. Overall, how satisfied would you say you are with your life these days?	
V88	q37a	Q37.A. Do you have signs of soil erosion by water on	
V89	q37b	Q37.B. Do you have signs of soil erosion by wind on your farm?	
V90	q7001	Q7001. Have you changed your tillage practices for <TARGET CROP> in the past 20 years?	
V91	q7002	Q7002. How did you change your tillage practices for <TARGET CROP>?	
V92	q7003	Q7003. How many years ago did you change your tillage practices for <TARGET CROP>?	
V93	q7004	Q7004. Have you grown cover crop to manage soil health in the past 20 years for <CROP>?	
V94	q7005	Q7005. How many years ago did you start growing a cover crop for <TARGET CROP> ?	
V95	q7006	Q7006 Have you stopped growing a cover crop in the past 20 years for <TARGET CROP>?	
V96	q7007	Q7007. How many years ago did you stop growing a cover crop for <TARGET CROP>?	
V97	q7008	Q7008. For <Crop> was any land converted from arable land/grassland/forest in the past 20 years?	
V98	q7009	Q7009. How did the use of your land change for <TARGET CROP>?	

ID	Name	Label	Question
V99	q7010	Q7010. How many years ago did the function of your land change for <TARGET CROP>?	
V100	q65	Q65. Do you practice intercropping for <TARGET CROP> ?	
V101	q66_7	Q66. Which crops do you intercrop? Corn	
V102	q66_8	Q66. Which crops do you intercrop? Cotton	
V103	q66_13	Q66. Which crops do you intercrop? Potato	
V104	q66_15	Q66. Which crops do you intercrop? Soybean	
V105	q66_18	Q66. Which crops do you intercrop? Sunflower	
V106	q66_19	Q66. Which crops do you intercrop? Tomato	
V107	q66_20	Q66. Which crops do you intercrop? Watermelon	
V108	q66_24	Q66. Which crops do you intercrop? Avocado	
V109	q66_41	Q66. Which crops do you intercrop? Cucumber	
V110	q66_44	Q66. Which crops do you intercrop? Eucalyptus	
V111	q66_51	Q66. Which crops do you intercrop? Grassland (pasture/artificial/temporary)	
V112	q66_52	Q66. Which crops do you intercrop? Guava	
V113	q66_56	Q66. Which crops do you intercrop? Lady finger (Okra)	
V114	q66_62	Q66. Which crops do you intercrop? Millet	
V115	q66_64	Q66. Which crops do you intercrop? Nuts	
V116	q66_80	Q66. Which crops do you intercrop? Pulses (lentils, beans, peas)	
V117	q66_81	Q66. Which crops do you intercrop? Pumpkin/squash	
V118	q66_96	Q66. Which crops do you intercrop? Other specify 1	
V119	q60	Q60. Do you rotate crops on growing area A for <TARGET CROP>?	
V120	q61_7	Q61. What crops are you cultivating in rotation? Corn	
V121	q61_8	Q61. What crops are you cultivating in rotation? Cotton	
V122	q61_13	Q61. What crops are you cultivating in rotation? Potato	
V123	q61_15	Q61. What crops are you cultivating in rotation? Soybean	
V124	q61_18	Q61. What crops are you cultivating in rotation? Sunflower	
V125	q61_19	Q61. What crops are you cultivating in rotation? Tomato	
V126	q61_20	Q61. What crops are you cultivating in rotation? Watermelon	
V127	q61_41	Q61. What crops are you cultivating in rotation? Cucumber	
V128	q61_62	Q61. What crops are you cultivating in rotation? Millet	
V129	q61_64	Q61. What crops are you cultivating in rotation? Nuts	
V130	q61_80	Q61. What crops are you cultivating in rotation? Pulses (lentils, beans, peas)	
V131	q61_81	Q61. What crops are you cultivating in rotation? Pumpkin/squash	
V132	q61_91	Q61. What crops are you cultivating in rotation? Sorghum	
V133	q61_96	Q61. What crops are you cultivating in rotation? Other. Specify 1	
V134	q67	Q67. What is the soil type of growing area A for <TARGET CROP>?	
V135	q67b	Q67B. Texture is your soil on growing area A for <TARGET CROP> this season?	
V136	q7011	Q7011. How moist would rate your soil on growing area A for <TARGET CROP> this season?	
V137	q7012	Q7012 Rate the drainage of water through the soil on area A for <TARGET CROP> this season?	
V138	q55e1	Q55E1.Partook in training/meeting on crop/agricultural practices in the past 2 years?	
V139	q5500	Q5500. During the training/meeting, at least 15 minutes talking about safe-use practices	
V140	q55E2_1	Q55E2. Who organized this training? Syngenta representative	
V141	q55E2_3	Q55E2. Who organized this training? Extension officer	
V142	q55E2_4	Q55E2. Who organized this training? Cooperative	
V143	q55E2_5	Q55E2. Who organized this training? Agronomist/advisor	

ID	Name	Label	Question
V144	q55E2_6	Q55E2. Who organized this training? Supplier	
V145	q55E2_7	Q55E2. Who organized this training? Governmental organization (e.g. Ministry)	
V146	q55E2_96	Q55E2. Who organized this training? Other specify 1:	
V147	q5501	Q5501. Have you been contacted by a Syngenta representative during the past season?	
V148	q5502_1	Q5502. Can you describe how the Syngenta representative contacted you? Demonstration day	
V149	q5502_2	Q5502. Can you describe how the Syngenta representative contacted you? They visited my farm	
V150	q5502_3	Q5502. Can you describe how the Syngenta representative contacted you? Received a brochure	
V151	q5502_4	Q5502. Can you describe how the Syngenta representative contacted you? Phone call	
V152	q5502_96	Q5502. Can you describe how the Syngenta representative contacted you? Other specify 1:	
V153	q5503	Q5503. How useful was contact with the Syngenta Representative	
V154	q4041a	Q4041.A. Do you feel the need to follow training on crop cultivation in the near future?	
V155	q72	Q72. When did the first field preparation start for growing area A for <TARGET CROP> ?	
V156	q73	Q73. KGs/HECT of seeds sown for growing area A for <TARGET CROP>	
V157	q73a1	Q73A1. What is the amount of seeds that has been sown for growing area A?	
V158	q74	Q74. When was the crop sown / planted for growing area A for <TARGET CROP>?	
V159	q7400	Q7400. Have you sown/planted <TARGET CROP> in the same period as last year?	
V160	q231b	Q231B. Are your seeds coated with crop protection products?	
V161	q233	Q233. Do you use on-farm or pre-treated seed treatment to treat the seeds for growing area A for <TARGET CROP>?	
V162	q397new	Q397_NEW. If you have received a crop program and/or any recommendations for growing to implement this season.	
V163	q224a	Q224 A. Did you perform a soil test for <TARGET CROP>?	
V164	q224	Q224. Do you apply organic fertilizers for <TARGET CROP>?	
V165	q226	Q226. Do you apply chemical fertilizers for <TARGET CROP>?	
V166	q229b1	Q229B1.Total number of applications you perform with chemical fertilizers on growing area for <TARGET CROP>?	
V167	q229b2	Q229B2.Total number of applications you perform with organic fertilizers on growing area for <TARGET CROP>?	
V168	q240e_1	Q240E. We would like to better understand the pest pressure on the selected growing areas. INSECT PRESSURE	
V169	q240e_2	Q240E. We would like to better understand the pest pressure on the selected growing areas. DISEASE PRESSURE	
V170	q240e_3	Q240E. We would like to better understand the pest pressure on the selected growing areas. WEED PRESSURE	
V171	q240en	Q240.E1. Do you generally use drift-reducing nozzles on your sprayer?	
V172	q240d	Q240D. Note down the total number of treatments you perform with crop protection products	
V173	q75	Q75. What is the final stand i.e. the number of plants - per <SQUARE METER>/<TARGET CROP>?	
V174	q76	Q76. Prior to harvest, indicate the percentage of the plot area that is lodged for <TARGET CROP>?	
V175	q243a	Q243. When was the harvest period for <TARGET CROP>?	
V176	q243b	Q243. When was the harvest period for <TARGET CROP>?	
V177	q243bb	Q243b. Have you harvested <TARGET CROP> in the same period as last year?	
V178	q274a	Q274. Yield that has been achieved for growing area A for corn in <TON> per <HECTARES>? Grain yield	

ID	Name	Label	Question
V179	q274c	Q274. Yield that has been achieved for growing area A for corn in <TON> per <HECTARES>? Cobs yield	
V180	q4094_1	Q4094. Who measured the yield on each of the growing areas? Myself	
V181	q4094_2	Q4094. Who measured the yield on each of the growing areas? Dealer/store	
V182	q4094_3	Q4094. Who measured the yield on each of the growing areas? Manufacturer/representative	
V183	q4094_4	Q4094. Who measured the yield on each of the growing areas? Independent advisor	
V184	q4094_98	Q4094. Who measured the yield on each of the growing areas? Other specify3	
V185	q4095a	Q4095. A. Compared to previous year, would you say your yield has ...?	
V186	q4096a	Q4096. A. How satisfied are you with your yield this season?	
V187	q4097a	Q4097. A. How satisfied are you with the price you received on the market?	
V188	q251	Q251. % of crop damaged at the time of harvest (total lost - not marketable) for <TARGET CROP>?	
V189	q246_1	Q246. % of the harvest of your target crop is used for own consumption	
V190	q246_2	Q246. % of the harvest of your target crop is used for feeding livestock	
V191	q246_3	Q246. % of the harvest of your target crop is used for harvest sold	
V192	q4002	Q4002. Did you take measures to prevent post-harvest loss for <TARGET CROP>?	
V193	q7013	Q7013. How do you deal with crop residue of <TARGET CROP>?	
V194	q377	Q377. What is the estimated revenue in <DOLLAR>/<HECTARES> for growing area A of <TARGET CROP>?	
V195	q378	Q378. Could you please indicate the estimated revenue in general? <DOLLAR>/<HECTARES>.	
V196	q379	Q379.A Can you please explain your answer for <TARGET CROP>?	
V197	q380	Q380. What is your total input cost for <TARGET CROP> from first field preparation until harvest?	
V198	q4111_1	Q4111. Actual costs SEEDS for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V199	q4111_2	Q4111. Actual costs FERTILIZERZ for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V200	q4111_3	Q4111. Actual costs LABOR for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V201	q4111_4	Q4111. Actual costs MACHINERY <TARGET CROP>?<DOLLAR>/<HECTARES>	
V202	q4111_5	Q4111. Actual costs WATER USE for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V203	q4111_6	Q4111. Actual costs FUEL for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V204	q4111_7	Q4111. Actual costs RENT/LOAN for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V205	q4111_8	Q4111. Actual costs FUNGICIDES for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V206	q4111_9	Q4111. Actual costs HERBICIDES for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V207	q4111_10	Q4111. Actual costs INSECTICIDES <TARGET CROP>?<DOLLAR>/<HECTARES>	
V208	q4111_98	Q4111. Actual costs DRYING for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V209	q381_1	Q381. Percentage of TREES/SEED costs out of the total input cost for <TARGET CROP>?	
V210	q381_2	Q381. Percentage of FERTILIZERS costs out of the total input cost for <TARGET CROP>?	
V211	q381_3	Q381. Percentage of PESTICIDES costs out of the total input cost for <TARGET CROP>?	
V212	q381_4	Q381. Percentage of LABOR costs out of the total input cost for <TARGET CROP>?	
V213	q381_5	Q381. Percentage of MACHINERY costs of the total input cost for <TARGET CROP>?	
V214	q381_6	Q381. Percentage of WATER USE costs out of the total input cost for <TARGET CROP>?	
V215	q381_7	Q381. Percentage of FUEL costs out of the total input cost for <TARGET CROP>?	
V216	q381_8	Q381. Percentage of ELECTRICITY costs out of the total input cost for <TARGET CROP>?	
V217	q381_9	Q381. Percentage of GAS costs out of the total input cost for <TARGET CROP>?	
V218	q381_10	Q381. Percentage of RENT/LOAN costs out of the total input cost for <TARGET CROP>?	
V219	q381_98	Q381. Percentage of OTHER costs out of the total input cost for <TARGET CROP>?	

ID	Name	Label	Question
V220	q4121	Q4121. In general for the whole cultivation period, rate the weather conditions for <TARGET CROP>?	
V221	q387_1	Q387. What was the impact for target crop? Reduced yield	
V222	q387_2	Q387. What was the impact for target crop? Reduced yield quality	
V223	q387_3	Q387. What was the impact for target crop? No impact	
V224	q388	Q388. How would you say the level of ranfall was for growing area A	
V225	q388b	Q388. B. You mentioned you had less rainfall this season than usual. Was this problematic?	
V226	q388d	Q388D. You mentioned you had more rainfall this season than usual. Was this problematic?	
V227	q3880	Q3880. How would you say the temperature was during this season ?	
V228	q3880b	Q3880 B. You mentioned you had lower temperatures this season than usual. Was this problematic?	
V229	q3880d	Q3880 D. You mentioned you had higher temperatures this season than usual. Was this problematic?	
V230	q389	Q389. What is the MAIN water source of <TARGET CROP> during this season?	
V231	q399c	Q399.C. How satisfied are you with the crop program and/or recommendations for <TARGET CROP>?	
V232	date1	field preparation	
V233	date2	sowing/planting	
V234	date3a	begin harvest	
V235	date3b	end harvest	
V236	harvestyear	Data collection wave	
V237	q4000_1	q4000_1. To whom do you sell your yield - I sell it on the local market	
V238	q4000_2	q4000_2. To whom do you sell your yield - I sell it to a trader	
V239	q4000_3	q4000_3. To whom do you sell your yield - I sell it to a wholesaler	
V240	q4000_4	q4000_4. To whom do you sell your yield - I sell it to a feed processing plant	
V241	q4000_5	q4000_5. To whom do you sell your yield - I sell it to a cooperative I am part of	
V242	q4000_6	q4000_6. To whom do you sell your yield -I sell it under a contract	
V243	q4000_7	q4000_7. To whom do you sell your yield -Government owned rural collection center	
V244	q4000_96	q4000_96. To whom do you sell your yield -Other. Specify 1:	
V245	q4000_oth1	Q4000b. Can you please tell us what are your main sources for selling the harvest? Other. Specify 1	
V246	q399	Q399. Please explain why you follow or do not follow the crop program and/or recommendations.	
V247	q397	Q397. Received a recommended growing protocol or crop program from an agricultural advisor?	
V248	q397b_oth1	Q397B. From whom did you receive the protocol/crop program? Other 1	
V249	q397c	Q397C. Did you receive a protocol/crop program from Syngenta?	
V250	q397d_oth	Q397.D. From which manufacturer have you received a protocol/crop program? OTHER	
V251	q35a_1	Q35.A. What group/association/cooperative are a member of? 1ST	
V252	q35a_2	Q35.A. What group/association/cooperative are a member of? 2ND	
V253	q58	Q58. In general, what is the topography of your growing area?	
V254	q230_1	Bought seeds	
V255	q4001	Q4001. % of crop lost in-between harvest and storage or selling <TARG1>?	
V256	q247_1a	Q247. BUYER 1 % of yield	
V257	q247_2a	Q247. BUYER 2 % of yield	
V258	q247_3a	Q247. BUYER 3 % of yield	
V259	q247_1b	Q247. BUYER 1 price per metric ton	
V260	q247_2b	Q247. BUYER 2 price per metric ton	

ID	Name	Label	Question
V261	q247_3b	Q247. BUYER 3 price per metric ton	

total: 198

ID	Name	Label	Question
V261	q247_3b	Q247. BUYER 3 price per metric ton	

total: 198

Data file: Crop_protection

Cases:	0
variables:	32

variables

ID	Name	Label	Question
V262	harvestyear	Data collection wave	
V263	GrowingArea	To which field/plot does the information relate to?	
V264	ClusterID	Unique cluster ID	
V265	country	Country	
V266	Farmtype	FARMTYPE	
V267	GrowerID	Unique respondent ID	
V268	product	Unique code of a product within application	
V269	crop	The crop of focus	
V270	application	Unique code of an application per field per grower	
V271	q241a	Q241 a. Timing of product application	
V272	q241b	Q241 b.Type of product	
V273	q241c	Q241 c . Brand product name	
V274	q241c1	Q241 c1. Brand product formulation	
V275	c241c	CODED VARIABLE - stringcode	
V276	c241ca1	CODED VARIABLE - active ingredient1	
V277	c241cp1	CODED VARIABLE - amount of ai1	
V278	c241cu1	CODED VARIABLE - unit (% or Gr)	
V279	c241ca2	CODED VARIABLE - active ingredient2	
V280	c241cp2	CODED VARIABLE - amount of ai2	
V281	c241ca3	CODED VARIABLE - active ingredient3	
V282	c241cp3	CODED VARIABLE - amount of ai3	
V283	c241cpt	CODED VARIABLE - total amount of ai	
V284	q241d	CODED VARIABLE Q241 d. Dosage ?	
V285	q241e	CODED VARIABLE Q241 e. Unit of quantity	
V286	q241f	Q241 f. Amount of H2O solved in LITERS per <HECTARE>	
V287	q241g	Q241 g. Pest/disease/ weed targeted ?	
V288	q241h	Q241 h. Level of pest/ disease/ weed pressure	
V289	q241i	Q241 i. Percentage of the area treated against pests/ diseases/ weeds	
V290	q241j	Q241 j. Percentage of crop free of pests/ diseases/ weeds at harvest (in %)	
V291	q241k	Q241 k. Equipment type ?	
V292	q241n	Q241 n. What is the timing of the treatment - before crop-emergence or after crop-emergence	
V293	syngenta	CODED VARIABLE Syngenta product? (1 = YES; 0 = NO)	

total: 32

Data file: Location

Cases:	0
variables:	19

variables

ID	Name	Label	Question
V294	harvestyear	Year in which the data was collected	
V295	country	Country	
V296	ClusterID	Unique identifier per cluster	
V297	GrowerID	Unique identifier per grower	
V298	GrowingArea	Field code (A or B)	
V299	CORNER	Multiple corners of same field can be registered (only from 2018 onwards)	
V300	gps_option	gps_option	
V301	gps_shape	Description of the field (from 2018 onwards)	
V302	q22d_lat_deg	Latitude degrees	
V303	q22d_lat_min	Latitude minutes	
V304	q22d_lat_sec	Latitude seconds	
V305	q22d_lon_deg	Longitude degrees	
V306	q22d_lon_min	Longitude minutes	
V307	q22d_lon_sec	Longitude seconds	
V308	remark_area	Remark from the interviewer (2019 onwards)	
V309	q151	Q151. Open field or in a greenhouse?	
V310	q1f	Q1. F. Would it be okay for you for this company to contact you with information on The GGP?	
V311	q25	Q25. Farm address - postal code	
V312	admin_level_1	administrative area 1	

total: 19

Data file: Activities and Machinery (Q382)

Cases:	0
variables:	9

variables

ID	Name	Label	Question
V313	harvestyear	Year in which the data was collected	
V314	country	Country	
V315	crop	Crop	
V316	ClusterID	Unique identifier per cluster	
V317	farmtype	Reference farms versus Benchmark farms	
V318	GrowerID	Unique identifier per grower	
V319	GrowingArea	Field code (A or B)	
V320	activity	Which activities did the grower do on his field?	
V321	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: 2017 - 2019   Format: Numeric

Q229CB: Q229C b.Type of product

Data file: fertilizers

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	Chemical fertilizer
2	Organic fertilizer

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

Data file: fertilizers

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	A

CLUSTERID: Unique cluster ID

Data file: fertilizers

Overview

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

Questions and instructions

CATEGORIES

Value	Category
ZimbabweMaize1	ZimbabweMaize1

COUNTRY: Country

Data file: fertilizers

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Zimbabwe	Zimbabwe

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
48100100	48100100
48100200	48100200
48100300	48100300
48100400	48100400
48100500	48100500
48100600	48100600
48100700	48100700
48100800	48100800
48100900	48100900
48101000	48101000
48101100	48101100
48101200	48101200
48101300	48101300
48101400	48101400
48101500	48101500
48200900	48200900
48201000	48201000
48201100	48201100
48201200	48201200
48201300	48201300
48201400	48201400
48201500	48201500
48201600	48201600
48201700	48201700
48201800	48201800
48201900	48201900
48202000	48202000
48202100	48202100
48202200	48202200
48202300	48202300
48202400	48202400
48202500	48202500
48202600	48202600
48202700	48202700
48202800	48202800

48202900	48202900
48203000	48203000
48203100	48203100
48203200	48203200
48203300	48203300
48203400	48203400
48203500	48203500
48203600	48203600
48203700	48203700
48203800	48203800
48203900	48203900
48204000	48204000
48204100	48204100
48204200	48204200
48204300	48204300
48204400	48204400
48204500	48204500
48204600	48204600
48204700	48204700
48204800	48204800

PRODUCT: Unique code of a product that was applied

Data file: fertilizers

Overview

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

Questions and instructions

CATEGORIES

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

CROP: The crop of focus

Data file: fertilizers

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Corn	Corn

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
2016-09-30	2016-09-30
2016-10-15	2016-10-15
2016-10-30	2016-10-30
2016-11-01	2016-11-01
2016-11-05	2016-11-05
2016-11-08	2016-11-08
2016-11-10	2016-11-10
2016-11-11	2016-11-11
2016-11-12	2016-11-12
2016-11-13	2016-11-13
2016-11-14	2016-11-14
2016-11-15	2016-11-15
2016-11-17	2016-11-17
2016-11-18	2016-11-18
2016-11-20	2016-11-20
2016-11-21	2016-11-21
2016-11-25	2016-11-25

2016-11-27	2016-11-27
2016-11-29	2016-11-29
2016-11-30	2016-11-30
2016-12-01	2016-12-01
2016-12-05	2016-12-05
2016-12-10	2016-12-10
2016-12-12	2016-12-12
2016-12-15	2016-12-15
2016-12-20	2016-12-20
2016-12-24	2016-12-24
2016-12-25	2016-12-25
2016-12-28	2016-12-28
2016-12-30	2016-12-30
2016-12-31	2016-12-31
2017-01-01	2017-01-01
2017-01-05	2017-01-05
2017-01-06	2017-01-06
2017-01-11	2017-01-11
2017-01-15	2017-01-15
2017-01-16	2017-01-16
2017-01-20	2017-01-20
2017-01-21	2017-01-21
2017-01-24	2017-01-24
2017-01-30	2017-01-30
2017-02-01	2017-02-01
2017-02-15	2017-02-15
2017-08-08	2017-08-08
2017-08-30	2017-08-30
2017-09-15	2017-09-15
2017-10-10	2017-10-10
2017-10-15	2017-10-15
2017-10-20	2017-10-20
2017-10-30	2017-10-30
2017-11-01	2017-11-01
2017-11-05	2017-11-05
2017-11-10	2017-11-10
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
2017-11-23	2017-11-23
2017-11-24	2017-11-24
2017-11-25	2017-11-25
2017-11-30	2017-11-30
2017-12-01	2017-12-01
2017-12-05	2017-12-05
2017-12-09	2017-12-09
2017-12-10	2017-12-10
2017-12-12	2017-12-12
2017-12-13	2017-12-13
2017-12-15	2017-12-15
2017-12-20	2017-12-20
2017-12-21	2017-12-21
2017-12-23	2017-12-23
2017-12-30	2017-12-30
2018-01-01	2018-01-01
2018-01-05	2018-01-05
2018-01-11	2018-01-11
2018-01-15	2018-01-15
2018-01-20	2018-01-20
2018-01-30	2018-01-30
2018-02-01	2018-02-01
2018-02-15	2018-02-15
2018-03-03	2018-03-03
2018-09-01	2018-09-01
2018-09-09	2018-09-09
2018-10-20	2018-10-20
2018-10-25	2018-10-25
2018-10-30	2018-10-30
2018-11-01	2018-11-01
2018-11-03	2018-11-03
2018-11-05	2018-11-05
2018-11-10	2018-11-10
2018-11-15	2018-11-15
2018-11-17	2018-11-17
2018-11-20	2018-11-20

2018-11-22	2018-11-22
2018-11-23	2018-11-23
2018-11-25	2018-11-25
2018-11-26	2018-11-26
2018-11-27	2018-11-27
2018-11-30	2018-11-30
2018-12-01	2018-12-01
2018-12-05	2018-12-05
2018-12-08	2018-12-08
2018-12-10	2018-12-10
2018-12-18	2018-12-18
2018-12-20	2018-12-20
2018-12-22	2018-12-22
2018-12-25	2018-12-25
2018-12-30	2018-12-30
2018-12-31	2018-12-31
2019-01-01	2019-01-01
2019-01-02	2019-01-02
2019-01-03	2019-01-03
2019-01-05	2019-01-05
2019-01-06	2019-01-06
2019-01-15	2019-01-15
2019-01-20	2019-01-20
2019-01-25	2019-01-25
2019-01-28	2019-01-28
2019-01-30	2019-01-30
2019-02-01	2019-02-01
2019-02-02	2019-02-02
2019-02-05	2019-02-05
2019-02-10	2019-02-10
2019-02-15	2019-02-15
2019-02-25	2019-02-25
2019-03-02	2019-03-02

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: 50 - 5000   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 - 0   Format: Numeric

Q229CG: Q229C g. Percentage N (in %)

Data file: fertilizers

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 8 - 34.5   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 - 14   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 - 7   Format: Numeric

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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
Other	Other

HARVESTYEAR: Data collection wave

Data file: seed_treatment

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 12   Range: 2016 - 2019   Format: Numeric

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

Data file: seed_treatment

Overview

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

Questions and instructions

CATEGORIES

Value	Category
A	A
B	B

CLUSTERID: Unique cluster ID

Data file: seed_treatment

Overview

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

Questions and instructions

CATEGORIES

Value	Category
ZimbabweMaize1	ZimbabweMaize1

COUNTRY: Country

Data file: seed_treatment

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Zimbabwe	Zimbabwe

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
48100100	48100100
48100200	48100200
48100300	48100300
48100400	48100400
48100500	48100500
48100600	48100600
48100700	48100700
48100800	48100800
48100900	48100900

48101000	48101000
48101100	48101100
48101200	48101200
48101300	48101300
48101400	48101400
48101500	48101500
48200900	48200900
48201000	48201000
48201100	48201100
48201200	48201200
48201300	48201300
48201400	48201400
48201500	48201500
48201600	48201600
48201700	48201700
48201800	48201800
48201900	48201900
48202000	48202000
48202100	48202100
48202200	48202200
48202300	48202300
48202400	48202400
48202500	48202500
48202600	48202600
48202700	48202700
48202800	48202800
48202900	48202900
48203000	48203000
48203100	48203100
48203200	48203200
48203300	48203300
48203400	48203400
48203500	48203500
48203600	48203600
48203700	48203700
48203800	48203800
48203900	48203900
48204000	48204000
48204100	48204100

48204200	48204200
48204300	48204300
48204400	48204400
48204500	48204500
48204600	48204600
48204700	48204700
48204800	48204800

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

CROP: The crop of focus

Data file: seed_treatment

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Corn	Corn

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: 10 - 30   Format: Numeric

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
Do not know	Do not know

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
DK	DK
Don't know / no answer	Don't know / no answer

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: 2016 - 2019   Format: Numeric

▌ REGION: Syngenta's definition of Region

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
eame	eame

▌ TERRITORY: Syngenta's definition of Territory

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
africa middle-east	africa middle-east

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

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
A	A
B	B

CLUSTERID: Unique cluster ID

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
zimbabwemaize1	zimbabwemaize1

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
Zimbabwe	Zimbabwe

FARMTYPE: Farm type

Data file: Farm_level_data

Overview

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

Questions and instructions

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
48100100	48100100
48100200	48100200
48100300	48100300
48100400	48100400
48100500	48100500
48100600	48100600
48100700	48100700
48100800	48100800
48100900	48100900
48101000	48101000
48101100	48101100
48101200	48101200
48101300	48101300
48101400	48101400
48101500	48101500
48200900	48200900
48201000	48201000
48201100	48201100
48201200	48201200
48201300	48201300
48201400	48201400

48201500	48201500
48201600	48201600
48201700	48201700
48201800	48201800
48201900	48201900
48202000	48202000
48202100	48202100
48202200	48202200
48202300	48202300
48202400	48202400
48202500	48202500
48202600	48202600
48202700	48202700
48202800	48202800
48202900	48202900
48203000	48203000
48203100	48203100
48203200	48203200
48203300	48203300
48203400	48203400
48203500	48203500
48203600	48203600
48203700	48203700
48203800	48203800
48203900	48203900
48204000	48204000
48204100	48204100
48204200	48204200
48204300	48204300
48204400	48204400
48204500	48204500
48204600	48204600
48204700	48204700
48204800	48204800

CROP: The crop of focus

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
corn	corn

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: 0.2 - 5   Format: Numeric

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

Data file: Farm_level_data

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 0.5 - 5   Format: Numeric

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

Data file: Farm_level_data

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 1 - 8   Format: Numeric

LANDPRODUCTIVITY: Land efficiency in ton/ha

Data file: Farm_level_data

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 0.75 - 8   Format: Numeric

PESTICIDEAPPLICATIONEFFIICIENCY: Number of field applications used per ton produced

Data file: Farm_level_data

Overview

Valid: 0   Invalid: 0

Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 1.36363636363636   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 - 85.5   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 - 12.208   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 - 11.62   Format: Numeric

---

SEEDEFFICIENCY: Kgs of seeds used per ton produced

Data file: Farm_level_data

Overview

Valid: 0   Invalid: 0

Type: Continuous   Decimal: 0   Width: 10   Range: 1.66666666666667 - 20   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: 0.00034090909090909 - 0.858   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: 0.009 - 0.858   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: 0.00034090909090909 - 0.2034375   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 - 0   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: 6.5 - 736   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 - 21.3333333333333   Format: Numeric

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

Data file: Farm_level_data

Overview

Valid: 0   Invalid: 0

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

USER_VS_NON_USER: Does the grower use Syngenta products?

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

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

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

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

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

FIELD_PREPARATION: Date of first field preparation

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2015-06-30	2015-06-30
2015-07-15	2015-07-15
2015-08-01	2015-08-01
2015-08-13	2015-08-13
2015-08-15	2015-08-15
2015-08-20	2015-08-20
2015-08-30	2015-08-30
2015-08-31	2015-08-31
2015-09-01	2015-09-01
2015-09-07	2015-09-07
2015-09-15	2015-09-15
2015-09-30	2015-09-30
2015-10-01	2015-10-01
2015-10-03	2015-10-03
2015-10-05	2015-10-05
2015-10-08	2015-10-08
2015-10-10	2015-10-10
2015-10-15	2015-10-15
2015-10-29	2015-10-29
2015-10-30	2015-10-30
2015-11-01	2015-11-01
2015-11-10	2015-11-10
2015-11-15	2015-11-15
2016-07-15	2016-07-15
2016-07-30	2016-07-30
2016-07-31	2016-07-31
2016-08-01	2016-08-01
2016-08-15	2016-08-15
2016-08-24	2016-08-24
2016-08-30	2016-08-30
2016-09-07	2016-09-07
2016-09-10	2016-09-10
2016-09-15	2016-09-15
2016-09-30	2016-09-30
2016-10-01	2016-10-01

2016-10-10	2016-10-10
2016-10-12	2016-10-12
2016-10-15	2016-10-15
2016-10-23	2016-10-23
2016-10-30	2016-10-30
2016-10-31	2016-10-31
2016-11-01	2016-11-01
2016-11-05	2016-11-05
2016-11-11	2016-11-11
2016-11-12	2016-11-12
2016-11-15	2016-11-15
2016-11-29	2016-11-29
2017-07-01	2017-07-01
2017-07-30	2017-07-30
2017-08-01	2017-08-01
2017-08-05	2017-08-05
2017-08-20	2017-08-20
2017-08-30	2017-08-30
2017-09-01	2017-09-01
2017-09-05	2017-09-05
2017-09-15	2017-09-15
2017-09-30	2017-09-30
2017-10-01	2017-10-01
2017-10-15	2017-10-15
2017-10-30	2017-10-30
2017-11-01	2017-11-01
2017-11-05	2017-11-05
2017-11-15	2017-11-15
2017-11-18	2017-11-18
2017-11-30	2017-11-30
2017-12-13	2017-12-13
2018-07-01	2018-07-01
2018-07-15	2018-07-15
2018-08-30	2018-08-30
2018-09-01	2018-09-01
2018-09-06	2018-09-06
2018-09-10	2018-09-10
2018-09-15	2018-09-15
2018-09-30	2018-09-30

2018-10-01	2018-10-01
2018-10-09	2018-10-09
2018-10-10	2018-10-10
2018-10-15	2018-10-15
2018-10-20	2018-10-20
2018-10-25	2018-10-25
2018-10-30	2018-10-30
2018-11-01	2018-11-01
2018-11-10	2018-11-10
2018-11-15	2018-11-15
2018-11-20	2018-11-20
2018-11-30	2018-11-30
2018-12-01	2018-12-01

PLANTING_DATE: Date of sowing or planting

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2015-10-16	2015-10-16
2015-10-22	2015-10-22
2015-10-27	2015-10-27
2015-11-02	2015-11-02
2015-11-05	2015-11-05
2015-11-08	2015-11-08
2015-11-10	2015-11-10
2015-11-13	2015-11-13
2015-11-15	2015-11-15
2015-11-16	2015-11-16
2015-11-20	2015-11-20
2015-11-30	2015-11-30
2015-12-03	2015-12-03
2015-12-09	2015-12-09

2015-12-11	2015-12-11
2016-11-05	2016-11-05
2016-11-11	2016-11-11
2016-11-12	2016-11-12
2016-11-13	2016-11-13
2016-11-14	2016-11-14
2016-11-15	2016-11-15
2016-11-17	2016-11-17
2016-11-19	2016-11-19
2016-11-20	2016-11-20
2016-11-21	2016-11-21
2016-11-25	2016-11-25
2016-11-27	2016-11-27
2016-11-29	2016-11-29
2016-11-30	2016-11-30
2016-12-01	2016-12-01
2016-12-07	2016-12-07
2016-12-19	2016-12-19
2016-12-20	2016-12-20
2016-12-24	2016-12-24
2017-11-05	2017-11-05
2017-11-11	2017-11-11
2017-11-13	2017-11-13
2017-11-15	2017-11-15
2017-11-16	2017-11-16
2017-11-20	2017-11-20
2017-11-22	2017-11-22
2017-11-23	2017-11-23
2017-11-24	2017-11-24
2017-11-25	2017-11-25
2017-11-26	2017-11-26
2017-11-30	2017-11-30
2017-12-01	2017-12-01
2017-12-05	2017-12-05
2017-12-15	2017-12-15
2017-12-16	2017-12-16
2018-11-01	2018-11-01
2018-11-10	2018-11-10
2018-11-15	2018-11-15

2018-11-20	2018-11-20
2018-11-22	2018-11-22
2018-11-23	2018-11-23
2018-11-25	2018-11-25
2018-11-26	2018-11-26
2018-11-27	2018-11-27
2018-11-30	2018-11-30
2018-12-01	2018-12-01
2018-12-03	2018-12-03
2018-12-05	2018-12-05
2018-12-08	2018-12-08
2018-12-12	2018-12-12
2018-12-15	2018-12-15
2019-11-20	2019-11-20
2019-12-01	2019-12-01

HARVEST_BEGIN: Date when harvest started

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2016-03-26	2016-03-26
2016-04-01	2016-04-01
2016-04-02	2016-04-02
2016-04-14	2016-04-14
2016-04-15	2016-04-15
2016-04-28	2016-04-28
2016-04-30	2016-04-30
2016-05-01	2016-05-01
2016-05-15	2016-05-15
2016-05-20	2016-05-20
2016-05-30	2016-05-30
2017-04-06	2017-04-06

2017-04-10	2017-04-10
2017-04-15	2017-04-15
2017-04-20	2017-04-20
2017-04-25	2017-04-25
2017-04-28	2017-04-28
2017-04-30	2017-04-30
2017-05-01	2017-05-01
2017-05-05	2017-05-05
2017-05-12	2017-05-12
2017-05-15	2017-05-15
2017-05-25	2017-05-25
2017-05-30	2017-05-30
2017-05-31	2017-05-31
2017-06-15	2017-06-15
2017-06-23	2017-06-23
2018-04-30	2018-04-30
2018-05-10	2018-05-10
2018-05-15	2018-05-15
2018-05-20	2018-05-20
2018-05-21	2018-05-21
2018-05-25	2018-05-25
2018-05-30	2018-05-30
2018-06-01	2018-06-01
2018-06-04	2018-06-04
2018-06-10	2018-06-10
2018-06-12	2018-06-12
2019-05-15	2019-05-15
2019-05-20	2019-05-20
2019-05-22	2019-05-22
2019-05-23	2019-05-23
2019-05-25	2019-05-25
2019-05-28	2019-05-28
2019-05-30	2019-05-30
2019-06-01	2019-06-01
2019-06-02	2019-06-02

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
2016-04-02	2016-04-02
2016-04-15	2016-04-15
2016-04-20	2016-04-20
2016-04-30	2016-04-30
2016-05-01	2016-05-01
2016-05-03	2016-05-03
2016-05-07	2016-05-07
2016-05-15	2016-05-15
2016-05-20	2016-05-20
2016-05-30	2016-05-30
2016-06-01	2016-06-01
2016-06-15	2016-06-15
2016-06-30	2016-06-30
2017-04-20	2017-04-20
2017-04-30	2017-04-30
2017-05-02	2017-05-02
2017-05-15	2017-05-15
2017-05-20	2017-05-20
2017-05-25	2017-05-25
2017-05-30	2017-05-30
2017-05-31	2017-05-31
2017-06-01	2017-06-01
2017-06-05	2017-06-05
2017-06-10	2017-06-10
2017-06-12	2017-06-12
2017-06-15	2017-06-15
2017-06-19	2017-06-19
2017-06-20	2017-06-20
2017-06-29	2017-06-29
2018-05-30	2018-05-30
2018-06-01	2018-06-01
2018-06-05	2018-06-05

2018-06-06	2018-06-06
2018-06-08	2018-06-08
2018-06-10	2018-06-10
2018-06-11	2018-06-11
2018-06-13	2018-06-13
2018-06-14	2018-06-14
2018-06-15	2018-06-15
2019-06-01	2019-06-01
2019-06-05	2019-06-05
2019-06-07	2019-06-07
2019-06-08	2019-06-08
2019-06-10	2019-06-10
2019-06-12	2019-06-12
2019-06-15	2019-06-15
2019-06-17	2019-06-17

TERRITORY: Syngenta definition of territory (sub-region)

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
africa middle-east	africa middle-east

COUNTRY: Country

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Zimbabwe	Zimbabwe

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
zimbabwemaize1	zimbabwemaize1

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
48100100	48100100
48100200	48100200
48100300	48100300
48100400	48100400
48100500	48100500
48100600	48100600
48100700	48100700
48100800	48100800
48100900	48100900
48101000	48101000
48101100	48101100
48101200	48101200
48101300	48101300
48101400	48101400
48101500	48101500
48200900	48200900
48201000	48201000
48201100	48201100
48201200	48201200
48201300	48201300
48201400	48201400
48201500	48201500
48201600	48201600
48201700	48201700
48201800	48201800
48201900	48201900
48202000	48202000
48202100	48202100
48202200	48202200
48202300	48202300
48202400	48202400
48202500	48202500

48202600	48202600
48202700	48202700
48202800	48202800
48202900	48202900
48203000	48203000
48203100	48203100
48203200	48203200
48203300	48203300
48203400	48203400
48203500	48203500
48203600	48203600
48203700	48203700
48203800	48203800
48203900	48203900
48204000	48204000
48204100	48204100
48204200	48204200
48204300	48204300
48204400	48204400
48204500	48204500
48204600	48204600
48204700	48204700
48204800	48204800

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
a	a
b	b

FARMTYPE: Farmtype

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
bf	bf
rf	rf

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not so useful
2	very useful
3	rather useful

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
corn	corn

Q56A2_1: Q56A2. Growing area changed from previous year- did not plant this area due to crop rotation

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 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
other specify:	other specify:
the size indicated is based on my own measurement	the size indicated is based on my own measurement

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

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 1.2 - 12   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: 1922 - 1987   Format: Numeric

Q28: Q28. Gender

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category

1	male
2	female

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 - 30   Format: Numeric

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

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

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

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 12   Range: 2 - 68   Format: Numeric

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
01 not satisfied at all	01 not satisfied at all
02	02
03	03
04	04
05	05
06	06
07	07
08	08
09	09
10 very satisfied	10 very satisfied

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q7001: Q7001. Have you changed your tillage practices for in the past 20 years?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes

2	no

▌ Q7002: Q7002. How did you change your tillage practices for ?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	from conventional tillage to reduced tillage
2	from no tillage to reduced tillage
3	from 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: 1 - 17   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

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 - 1   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	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_13: Q66. Which crops do you intercrop? Potato

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

Q7007: Q7007. How many years ago did you stop growing a cover crop for ?

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 9   Format: Numeric

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	from grassland to forest
2	from grassland to arable land
3	from arable land to grassland
4	from forest to grassland
5	from forest to arable land
6	from arable land to forest

Q7010: Q7010. How many years ago did the function of your land change for ?

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 17   Format: Numeric

Q66_15: Q66. Which crops do you intercrop? Soybean

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_18: Q66. Which crops do you intercrop? Sunflower

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_19: Q66. Which crops do you intercrop? Tomato

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned

2	mentioned

Q66_20: Q66. Which crops do you intercrop? Watermelon

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_24: Q66. Which crops do you intercrop? Avocado

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_41: Q66. Which crops do you intercrop? Cucumber

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category

1	not mentioned
2	mentioned

Q66_44: Q66. Which crops do you intercrop? Eucalyptus

Data file: Global_farm_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_51: Q66. Which crops do you intercrop? Grassland (pasture/artificial/temporary)

Data file: Global_farm_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_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_62: Q66. Which crops do you intercrop? Millet

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_64: Q66. Which crops do you intercrop? Nuts

Data file: Global_farm_data

Overview

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

Questions and instructions

Q66_80: Q66. Which crops do you intercrop? Pulses (lentils, beans, peas)

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_81: Q66. Which crops do you intercrop? Pumpkin/squash

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

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_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 - 1   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	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

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_41: Q61. What crops are you cultivating in rotation? Cucumber

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_62: Q61. What crops are you cultivating in rotation? Millet

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_64: Q61. What crops are you cultivating in rotation? Nuts

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_80: Q61. What crops are you cultivating in rotation? Pulses (lentils, beans, peas)

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_81: Q61. What crops are you cultivating in rotation? Pumpkin/squash

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_91: Q61. What crops are you cultivating in rotation? Sorghum

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

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 - 11   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	silty clay loam soil
7	silt loam soil
8	sandy clay loam soil
9	loam soil
10	sand soil
11	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 - 1   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	yes

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_3: Q55E2. Who organized this training? Extension officer

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

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

Q55E2_96: Q55E2. Who organized this training? Other specify 1:

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q5502_96: Q5502. Can you describe how the Syngenta representative contacted you? Other specify 1:

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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 very useful

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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
2015-06-30	2015-06-30
2015-07-15	2015-07-15
2015-08-01	2015-08-01
2015-08-13	2015-08-13
2015-08-15	2015-08-15
2015-08-20	2015-08-20
2015-08-30	2015-08-30
2015-08-31	2015-08-31
2015-09-01	2015-09-01
2015-09-07	2015-09-07
2015-09-15	2015-09-15
2015-09-30	2015-09-30
2015-10-01	2015-10-01
2015-10-03	2015-10-03
2015-10-05	2015-10-05
2015-10-08	2015-10-08
2015-10-10	2015-10-10
2015-10-15	2015-10-15
2015-10-29	2015-10-29
2015-10-30	2015-10-30
2015-11-01	2015-11-01
2015-11-10	2015-11-10
2015-11-15	2015-11-15
2016-07-15	2016-07-15
2016-07-30	2016-07-30
2016-07-31	2016-07-31
2016-08-01	2016-08-01
2016-08-15	2016-08-15
2016-08-24	2016-08-24
2016-08-30	2016-08-30

2016-09-07	2016-09-07
2016-09-10	2016-09-10
2016-09-15	2016-09-15
2016-09-30	2016-09-30
2016-10-01	2016-10-01
2016-10-10	2016-10-10
2016-10-12	2016-10-12
2016-10-15	2016-10-15
2016-10-23	2016-10-23
2016-10-30	2016-10-30
2016-10-31	2016-10-31
2016-11-01	2016-11-01
2016-11-05	2016-11-05
2016-11-11	2016-11-11
2016-11-12	2016-11-12
2016-11-15	2016-11-15
2016-11-29	2016-11-29
2017-07-01	2017-07-01
2017-07-30	2017-07-30
2017-08-01	2017-08-01
2017-08-05	2017-08-05
2017-08-20	2017-08-20
2017-08-30	2017-08-30
2017-09-01	2017-09-01
2017-09-05	2017-09-05
2017-09-15	2017-09-15
2017-09-30	2017-09-30
2017-10-01	2017-10-01
2017-10-15	2017-10-15
2017-10-30	2017-10-30
2017-11-01	2017-11-01
2017-11-05	2017-11-05
2017-11-15	2017-11-15
2017-11-18	2017-11-18
2017-11-30	2017-11-30
2017-12-13	2017-12-13
2018-07-01	2018-07-01
2018-07-15	2018-07-15
2018-08-30	2018-08-30

2018-09-01	2018-09-01
2018-09-06	2018-09-06
2018-09-10	2018-09-10
2018-09-15	2018-09-15
2018-09-30	2018-09-30
2018-10-01	2018-10-01
2018-10-09	2018-10-09
2018-10-10	2018-10-10
2018-10-15	2018-10-15
2018-10-20	2018-10-20
2018-10-25	2018-10-25
2018-10-30	2018-10-30
2018-11-01	2018-11-01
2018-11-10	2018-11-10
2018-11-15	2018-11-15
2018-11-20	2018-11-20
2018-11-30	2018-11-30
2018-12-01	2018-12-01

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: 10 - 30   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: 5000 - 5000   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
2015-10-16	2015-10-16
2015-10-22	2015-10-22
2015-10-27	2015-10-27
2015-11-02	2015-11-02
2015-11-05	2015-11-05
2015-11-08	2015-11-08
2015-11-10	2015-11-10
2015-11-13	2015-11-13
2015-11-15	2015-11-15
2015-11-16	2015-11-16
2015-11-20	2015-11-20
2015-11-30	2015-11-30
2015-12-03	2015-12-03
2015-12-09	2015-12-09
2015-12-11	2015-12-11
2016-11-05	2016-11-05
2016-11-11	2016-11-11
2016-11-12	2016-11-12
2016-11-13	2016-11-13
2016-11-14	2016-11-14
2016-11-15	2016-11-15
2016-11-17	2016-11-17
2016-11-19	2016-11-19
2016-11-20	2016-11-20
2016-11-21	2016-11-21
2016-11-25	2016-11-25
2016-11-27	2016-11-27
2016-11-29	2016-11-29
2016-11-30	2016-11-30
2016-12-01	2016-12-01
2016-12-07	2016-12-07
2016-12-19	2016-12-19
2016-12-20	2016-12-20
2016-12-24	2016-12-24
2017-11-05	2017-11-05

2017-11-11	2017-11-11
2017-11-13	2017-11-13
2017-11-15	2017-11-15
2017-11-16	2017-11-16
2017-11-20	2017-11-20
2017-11-22	2017-11-22
2017-11-23	2017-11-23
2017-11-24	2017-11-24
2017-11-25	2017-11-25
2017-11-26	2017-11-26
2017-11-30	2017-11-30
2017-12-01	2017-12-01
2017-12-05	2017-12-05
2017-12-15	2017-12-15
2017-12-16	2017-12-16
2018-11-01	2018-11-01
2018-11-10	2018-11-10
2018-11-15	2018-11-15
2018-11-20	2018-11-20
2018-11-22	2018-11-22
2018-11-23	2018-11-23
2018-11-25	2018-11-25
2018-11-26	2018-11-26
2018-11-27	2018-11-27
2018-11-30	2018-11-30
2018-12-01	2018-12-01
2018-12-03	2018-12-03
2018-12-05	2018-12-05
2018-12-08	2018-12-08
2018-12-12	2018-12-12
2018-12-15	2018-12-15
2019-11-20	2019-11-20
2019-12-01	2019-12-01

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 - 1   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	yes

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	pre-treated seed treatment

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

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

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q224: Q224. Do you apply organic fertilizers for ?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

Q226: Q226. Do you apply chemical fertilizers for ?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

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

Data file: Global_farm_data

Overview

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

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category

1	medium
2	no pressure
3	low
4	high

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	low
2	no pressure
3	medium

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	medium
2	low
3	high
4	no pressure

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

Data file: Global_farm_data

Overview

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

Questions and instructions

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: 6 - 16   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 - 10   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
2016-03-26	2016-03-26
2016-04-01	2016-04-01
2016-04-02	2016-04-02
2016-04-14	2016-04-14
2016-04-15	2016-04-15
2016-04-28	2016-04-28
2016-04-30	2016-04-30
2016-05-01	2016-05-01
2016-05-15	2016-05-15
2016-05-20	2016-05-20
2016-05-30	2016-05-30
2017-04-06	2017-04-06
2017-04-10	2017-04-10
2017-04-15	2017-04-15
2017-04-20	2017-04-20
2017-04-25	2017-04-25
2017-04-28	2017-04-28
2017-04-30	2017-04-30
2017-05-01	2017-05-01
2017-05-05	2017-05-05
2017-05-12	2017-05-12
2017-05-15	2017-05-15
2017-05-25	2017-05-25
2017-05-30	2017-05-30
2017-05-31	2017-05-31
2017-06-15	2017-06-15
2017-06-23	2017-06-23
2018-04-30	2018-04-30
2018-05-10	2018-05-10
2018-05-15	2018-05-15
2018-05-20	2018-05-20
2018-05-21	2018-05-21
2018-05-25	2018-05-25
2018-05-30	2018-05-30
2018-06-01	2018-06-01

2018-06-04	2018-06-04
2018-06-10	2018-06-10
2018-06-12	2018-06-12
2019-05-15	2019-05-15
2019-05-20	2019-05-20
2019-05-22	2019-05-22
2019-05-23	2019-05-23
2019-05-25	2019-05-25
2019-05-28	2019-05-28
2019-05-30	2019-05-30
2019-06-01	2019-06-01
2019-06-02	2019-06-02

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

2017-05-02	2017-05-02
2017-05-15	2017-05-15
2017-05-20	2017-05-20
2017-05-25	2017-05-25
2017-05-30	2017-05-30
2017-05-31	2017-05-31
2017-06-01	2017-06-01
2017-06-05	2017-06-05
2017-06-10	2017-06-10
2017-06-12	2017-06-12
2017-06-15	2017-06-15
2017-06-19	2017-06-19
2017-06-20	2017-06-20
2017-06-29	2017-06-29
2018-05-30	2018-05-30
2018-06-01	2018-06-01
2018-06-05	2018-06-05
2018-06-06	2018-06-06
2018-06-08	2018-06-08
2018-06-10	2018-06-10
2018-06-11	2018-06-11
2018-06-13	2018-06-13
2018-06-14	2018-06-14
2018-06-15	2018-06-15
2019-06-01	2019-06-01
2019-06-05	2019-06-05
2019-06-07	2019-06-07
2019-06-08	2019-06-08
2019-06-10	2019-06-10
2019-06-12	2019-06-12
2019-06-15	2019-06-15
2019-06-17	2019-06-17

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

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

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 0.75 - 8   Format: Numeric

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

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 1 - 6.5   Format: Numeric

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q4094_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 - 5   Format: Numeric

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: 10 - 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 - 0   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 - 90   Format: Numeric

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

Q7013: Q7013. How do you deal with crop residue of ?

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 7   Format: Numeric

Questions and instructions

CATEGORIES

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

Q377: Q377. What is the estimated revenue in / for growing area A of ?

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 340 - 2600   Format: Numeric

Q378: Q378. Could you please indicate the estimated revenue in general? /.

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 550 - 5000   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: 70 - 900   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 - 200   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 - 549   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 - 210   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 - 340   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 - 65.5   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 - 0   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 - 80   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 - 0   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 - 0   Format: Numeric

Q4111_98: Q4111. Actual costs DRYING for ?/

Data file: Global_farm_data

Overview

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

Q381_1: Q381. Percentage of TREES/SEED costs out of the total input cost for ?

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 30   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: 5 - 70   Format: Numeric

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

Data file: Global_farm_data

Overview

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

Q381_4: Q381. Percentage of LABOR costs out of the total input cost for ?

Data file: Global_farm_data

Overview

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

Q381_5: Q381. Percentage of MACHINERY costs of the total input cost for ?

Data file: Global_farm_data

Overview

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

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

Data file: Global_farm_data

Overview

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

Q381_10: Q381. Percentage of RENT/LOAN costs out of the total input cost for ?

Data file: Global_farm_data

Overview

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

Q381_98: Q381. Percentage of OTHER costs out of the total input cost for ?

Data file: Global_farm_data

Overview

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

Q4121: Q4121. In general for the whole cultivation period, rate the weather conditions for ?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

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

Q387_1: Q387. What was the impact for target crop? Reduced yield

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q387_2: Q387. What was the impact for target crop? Reduced yield quality

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q387_3: Q387. What was the impact for target crop? No impact

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

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

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

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

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0

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

Questions and instructions

CATEGORIES

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

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

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	no

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

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

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

Value	Category
1	rather satisfied
2	very satisfied
3	rather unsatisfied

DATE1: field preparation

Data file: Global_farm_data

Overview

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

Questions and instructions

Value	Category
2018-07-01	2018-07-01
2018-07-15	2018-07-15
2018-08-30	2018-08-30
2018-09-01	2018-09-01
2018-09-06	2018-09-06
2018-09-10	2018-09-10
2018-09-15	2018-09-15
2018-09-30	2018-09-30
2018-10-01	2018-10-01
2018-10-09	2018-10-09
2018-10-10	2018-10-10
2018-10-15	2018-10-15
2018-10-20	2018-10-20
2018-10-25	2018-10-25
2018-10-30	2018-10-30
2018-11-01	2018-11-01
2018-11-10	2018-11-10
2018-11-15	2018-11-15
2018-11-20	2018-11-20
2018-11-30	2018-11-30
2018-12-01	2018-12-01

DATE2: sowing/planting

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2018-11-01	2018-11-01
2018-11-10	2018-11-10
2018-11-15	2018-11-15
2018-11-20	2018-11-20
2018-11-22	2018-11-22
2018-11-23	2018-11-23
2018-11-25	2018-11-25
2018-11-26	2018-11-26
2018-11-27	2018-11-27
2018-11-30	2018-11-30
2018-12-01	2018-12-01
2018-12-03	2018-12-03
2018-12-05	2018-12-05
2018-12-08	2018-12-08
2018-12-12	2018-12-12
2018-12-15	2018-12-15
2019-11-20	2019-11-20
2019-12-01	2019-12-01

DATE3A: begin harvest

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category

2019-05-15	2019-05-15
2019-05-20	2019-05-20
2019-05-22	2019-05-22
2019-05-23	2019-05-23
2019-05-25	2019-05-25
2019-05-28	2019-05-28
2019-05-30	2019-05-30
2019-06-01	2019-06-01
2019-06-02	2019-06-02

DATE3B: end harvest

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2019-06-01	2019-06-01
2019-06-05	2019-06-05
2019-06-07	2019-06-07
2019-06-08	2019-06-08
2019-06-10	2019-06-10
2019-06-12	2019-06-12
2019-06-15	2019-06-15
2019-06-17	2019-06-17

HARVESTYEAR: Data collection wave

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 12   Range: 2016 - 2019   Format: Numeric

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q4000_3: q4000_3. To whom do you sell your yield - I sell it to a wholesaler

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q4000_4: q4000_4. To whom do you sell your yield - I sell it to a feed processing plant

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q4000_6: q4000_6. To whom do you sell your yield -I sell it under a contract

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q4000_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

GMB - Grain Marketing Board	GMB - Grain Marketing Board
I DONT SELL	I DONT SELL
NOT SELLING	NOT SELLING
Sell to GMB (Grain Marketing Board)	Sell to GMB (Grain Marketing Board)

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
AS A FARMER I USE INFORMATION THAT I AM GIVEN SO THAT I CAN IMPROVE MY FARMING TECHNIQUES	AS A FARMER I USE INFORMATION THAT I AM GIVEN SO THAT I CAN IMPROVE MY FARMING TECHNIQUES
BECAUSE IT HELPS. I HAD TO FOLLOW TO BETTER MY YIELDS DESPITE THE WEATHER CONDITIONS	BECAUSE IT HELPS. I HAD TO FOLLOW TO BETTER MY YIELDS DESPITE THE WEATHER CONDITIONS
BECAUSE THE RECOMMENDATIONS ARE GOOD AND USEFUL	BECAUSE THE RECOMMENDATIONS ARE GOOD AND USEFUL
Because it give us guidance on how to grow maize	Because it give us guidance on how to grow maize
Couldn't fully apply the fertilizers because of less rains	Couldn't fully apply the fertilizers because of less rains
Due to high costs of farm inputs for implementation	Due to high costs of farm inputs for implementation
EVERY LESSON TAUGHT HAS BEEN USEFUL TO US, WE KNOW WHAT INPUTS TO USE AND WHEN	EVERY LESSON TAUGHT HAS BEEN USEFUL TO US, WE KNOW WHAT INPUTS TO USE AND WHEN
For improved harvest and quality yield	For improved harvest and quality yield
For yield improvement	For yield improvement
Hoping for good harvest	Hoping for good harvest
I COULDN'T GET THE PESTICIDES I WANTED	I COULDN'T GET THE PESTICIDES I WANTED
I COULDN'T GET THE PESTICIDES IN TIME AND ALSO BECAUSE THE WEATHER IN THE SEASON WAS NOT FAVOURABLE	I COULDN'T GET THE PESTICIDES IN TIME AND ALSO BECAUSE THE WEATHER IN THE SEASON WAS NOT FAVOURABLE
I COULDN'T GET THE PESTICIDES THAT I NEEDED	I COULDN'T GET THE PESTICIDES THAT I NEEDED
I DIDN'T GET ALL THE PESTICIDES WHEN I NEEDED THEM	I DIDN'T GET ALL THE PESTICIDES WHEN I NEEDED THEM
I FOLLOW EVERYTHING TO INCREASE MY YIELDS	I FOLLOW EVERYTHING TO INCREASE MY YIELDS
I FOLLOWED EVERYTHING TO BETTER MY YIELD	I FOLLOWED EVERYTHING TO BETTER MY YIELD
I HAVE FOLLOWED CLOSE TO 80% DUE TO CONSTRAINTS IN RESOURCES. I NOW KNOW ALMOST EVERYTHING BUT STILL LEARNING	I HAVE FOLLOWED CLOSE TO 80% DUE TO CONSTRAINTS IN RESOURCES. I NOW KNOW ALMOST EVERYTHING BUT STILL LEARNING
I NEEDED TO USE WHAT I WAS TAUGHT AND IT HAS BEEN VERY HELPFUL	I NEEDED TO USE WHAT I WAS TAUGHT AND IT HAS BEEN VERY HELPFUL

I WANTED TO BETTER MY YIELDS	I WANTED TO BETTER MY YIELDS
I WANTED TO BETTER MY YIELDS THOUGH I HAD NO RESOURCES FOR PESTICIDES	I WANTED TO BETTER MY YIELDS THOUGH I HAD NO RESOURCES FOR PESTICIDES
I WAS NOT FEELING WELL; NO RESOURCES FOR INPUTS	I WAS NOT FEELING WELL; NO RESOURCES FOR INPUTS
I WORK CLOSELY WITH SYNGENTA REPRESENTATIVE AND HAD TO FOLLOW EVERYTHING	I WORK CLOSELY WITH SYNGENTA REPRESENTATIVE AND HAD TO FOLLOW EVERYTHING
I didnt follow fertilizer application well, i didnt put compound D to the soil first as advised but put together with the plant; I also didnt follow the amount of fertilizers to be applied	I didnt follow fertilizer application well, i didnt put compound D to the soil first as advised but put together with the plant; I also didnt follow the amount of fertilizers to be applied
I didnt have enough inputs	I didnt have enough inputs
I had no required inputs	I had no required inputs
I had some inputs and the rains were quite adequate and all i needed was to apply the correct methods specified	I had some inputs and the rains were quite adequate and all i needed was to apply the correct methods specified
I read and understood what happens but it didnt come on time	I read and understood what happens but it didnt come on time
I wanted to implement and see the outcome which was good	I wanted to implement and see the outcome which was good
I wanted to learn something new and tried it and everything went well	I wanted to learn something new and tried it and everything went well
IT ENCOURAGES ME TO BE A BETTER FARMER; DIDNT HAVE ENOUGH RESOURCES FOR PESTICIDE	IT ENCOURAGES ME TO BE A BETTER FARMER; DIDNT HAVE ENOUGH RESOURCES FOR PESTICIDE
ITS HELPING ME A LOT AND MY YIELDS ARE INCREASING	ITS HELPING ME A LOT AND MY YIELDS ARE INCREASING
In order to get a good yield	In order to get a good yield
It came late after i had done part of the farming	It came late after i had done part of the farming
LACK OF ENOUGH RESOURCES FOR FULL IMPLEMENTATION	LACK OF ENOUGH RESOURCES FOR FULL IMPLEMENTATION
Lack of resources to follow it	Lack of resources to follow it
Limited resources to fully implement it	Limited resources to fully implement it
Low availability of inputs	Low availability of inputs
NO ENOUGH INPUTS	NO ENOUGH INPUTS
NO ENOUGH INPUTS FOR IMPLEMENTATION	NO ENOUGH INPUTS FOR IMPLEMENTATION
NO ENOUGH RESOURCES	NO ENOUGH RESOURCES
NO ENOUGH RESOURCES FOR FULL IMPLEMENTATION	NO ENOUGH RESOURCES FOR FULL IMPLEMENTATION
NO ENOUGH RESOURCES FOR INPUTS; I WAS ALSO UNWELL FOR SOMETIME	NO ENOUGH RESOURCES FOR INPUTS; I WAS ALSO UNWELL FOR SOMETIME
NO FAIR WEATHER CONDITIONS TO COMPLETELY FOLLOW	NO FAIR WEATHER CONDITIONS TO COMPLETELY FOLLOW
NO FUNDS FOR FULL IMPLEMENTATION	NO FUNDS FOR FULL IMPLEMENTATION
NO MONEY FOR PESTICIDES	NO MONEY FOR PESTICIDES
NO SUFFICIENT FUNDS FOR FULL IMPLEMENTATION	NO SUFFICIENT FUNDS FOR FULL IMPLEMENTATION
NOT ENOUGH INPUTS	NOT ENOUGH INPUTS
ONLY FOLLOWED SOME BITS DUE TO LACK OF MONEY FOR PESTICIDES	ONLY FOLLOWED SOME BITS DUE TO LACK OF MONEY FOR PESTICIDES
So that I can improve on my yield	So that I can improve on my yield
The lessons are helpful to us although the rains were too much	The lessons are helpful to us although the rains were too much

The program came late	The program came late
This has become our way of growing crops	This has become our way of growing crops
To improve in my yields	To improve in my yields
WAS NOT FEELING WELL IN THE MAJOR PART OF THE SEASON	WAS NOT FEELING WELL IN THE MAJOR PART OF THE SEASON
WEATHER CONDITIONS WASNT FAIR ENOUGH	WEATHER CONDITIONS WASNT FAIR ENOUGH
WEATHER CONDITIONS WERE NOT CONDUCIVE WITH SOME PESTICIDES	WEATHER CONDITIONS WERE NOT CONDUCIVE WITH SOME PESTICIDES
WEATHER WAS NOT CONDUCIVE FOR COMPLETE FOLLOW UP	WEATHER WAS NOT CONDUCIVE FOR COMPLETE FOLLOW UP
WEATHER WAS NOT FAIR ENOUGH	WEATHER WAS NOT FAIR ENOUGH
Wanted good yields so had to implement what i was trained	Wanted good yields so had to implement what i was trained
Wanted to put it into practice to see the results of which i did and yielded better results	Wanted to put it into practice to see the results of which i did and yielded better results
Wanted to put it to practice and see the results of which it worked well for me	Wanted to put it to practice and see the results of which it worked well for me
We had enjoyed some good experience in the first instance and so we wanted to make sure that we get similar results	We had enjoyed some good experience in the first instance and so we wanted to make sure that we get similar results
We had learnt from one of us who had recieved a good harvest after following a syngenta protocol	We had learnt from one of us who had recieved a good harvest after following a syngenta protocol
We had more yields because of the lessons we had	We had more yields because of the lessons we had
We had to do it as advised so that we remain on course with our harvest requirements	We had to do it as advised so that we remain on course with our harvest requirements
We needed better yield i.e. fighting against poverty	We needed better yield i.e. fighting against poverty
We tried to follow everything but we didnt have enough inputs e.g pesticides	We tried to follow everything but we didnt have enough inputs e.g pesticides
We wanted to have more yields	We wanted to have more yields

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q397B_OTH1: Q397B. From whom did you receive the protocol/crop program? Other 1

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
AGRITEX	AGRITEX
AGRITEX (Agricultural Technical and Extention Officers)	AGRITEX (Agricultural Technical and Extention Officers)
AGRITEX OFFICER	AGRITEX OFFICER
AGRITEX officer	AGRITEX officer
COMTECH	COMTECH

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
BATSIRAI	BATSIRAI
TEN TONE CLUB	TEN TONE CLUB
TIRIVAMWE NUTRITION GARDEN	TIRIVAMWE NUTRITION GARDEN
ZAMBIA FARMERS UNION	ZAMBIA FARMERS UNION
ZERO TILLAGE	ZERO TILLAGE
ZFU - Zimbabwe Farmers Union	ZFU - Zimbabwe Farmers Union
ZIMBABWE FARMERS UNION	ZIMBABWE FARMERS UNION
ZIMBABWE FARMERS UNION (ZFU)	ZIMBABWE FARMERS UNION (ZFU)

Q35A_2: Q35.A. What group/association/cooperative are a member of? 2ND

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
TEN TAINE CLUB	TEN TAINE CLUB
ZAMBIA FARMERS UNION	ZAMBIA FARMERS UNION

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 - 1   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	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 - 5   Format: Numeric

Q247_1A: Q247. BUYER 1 % of yield

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 50 - 100   Format: Numeric

Q247_2A: Q247. BUYER 2 % of yield

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0

Type: Continuous   Decimal: 0   Width: 10   Range: 20 - 50   Format: Numeric

Q247_3A: Q247. BUYER 3 % of yield

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0

Type: Continuous   Decimal: 0   Width: 10   Range: 20 - 20   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: 300 - 450   Format: Numeric

Q247_2B: Q247. BUYER 2 price per metric ton

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0

Type: Continuous   Decimal: 0   Width: 10   Range: 280 - 400   Format: Numeric

Q247_3B: Q247. BUYER 3 price per metric ton

Data file: Global_farm_data

Overview

Valid: 0   Invalid: 0

Type: Continuous   Decimal: 0   Width: 10   Range: 380 - 400   Format: Numeric

HARVESTYEAR: Data collection wave

Data file: Crop_protection

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 12   Range: 2016 - 2019   Format: Numeric

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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

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
ZimbabweMaize1	ZimbabweMaize1

COUNTRY: Country

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Zimbabwe	Zimbabwe

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
48100100	48100100
48100200	48100200
48100300	48100300
48100400	48100400
48100500	48100500
48100600	48100600
48100700	48100700
48100800	48100800
48100900	48100900

48101000	48101000
48101100	48101100
48101200	48101200
48101300	48101300
48101400	48101400
48200900	48200900
48201000	48201000
48201100	48201100
48201200	48201200
48201300	48201300
48201400	48201400
48201500	48201500
48201600	48201600
48202500	48202500
48202600	48202600
48202800	48202800
48203600	48203600
48203700	48203700
48203900	48203900
48204000	48204000
48204100	48204100
48204300	48204300
48204600	48204600

PRODUCT: Unique code of a product within application

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	1
2	2

CROP: The crop of focus

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Corn	Corn

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

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
2015-10-01	2015-10-01
2015-10-15	2015-10-15
2015-11-01	2015-11-01

2015-11-05	2015-11-05
2015-11-13	2015-11-13
2015-11-18	2015-11-18
2015-11-30	2015-11-30
2015-12-03	2015-12-03
2015-12-04	2015-12-04
2015-12-30	2015-12-30
2016-01-01	2016-01-01
2016-01-15	2016-01-15
2016-02-03	2016-02-03
2016-02-04	2016-02-04
2016-02-22	2016-02-22
2016-11-12	2016-11-12
2016-11-29	2016-11-29
2016-12-15	2016-12-15
2016-12-21	2016-12-21
2016-12-26	2016-12-26
2016-12-27	2016-12-27
2016-12-30	2016-12-30
2017-01-01	2017-01-01
2017-01-06	2017-01-06
2017-01-11	2017-01-11
2017-01-12	2017-01-12
2017-01-15	2017-01-15
2017-01-28	2017-01-28
2017-01-30	2017-01-30
2017-01-31	2017-01-31
2017-02-10	2017-02-10
2017-02-15	2017-02-15
2017-02-20	2017-02-20
2017-11-01	2017-11-01
2017-11-20	2017-11-20
2017-11-30	2017-11-30
2017-12-03	2017-12-03
2017-12-10	2017-12-10
2017-12-15	2017-12-15
2017-12-30	2017-12-30
2018-01-01	2018-01-01
2018-01-05	2018-01-05

2018-01-10	2018-01-10
2018-01-15	2018-01-15
2018-01-20	2018-01-20
2018-01-30	2018-01-30
2018-02-01	2018-02-01
2018-02-15	2018-02-15
2018-02-25	2018-02-25
2018-10-20	2018-10-20
2018-11-20	2018-11-20
2018-12-05	2018-12-05
2018-12-26	2018-12-26
2018-12-30	2018-12-30
2019-01-01	2019-01-01
2019-01-05	2019-01-05
2019-01-15	2019-01-15
2019-01-20	2019-01-20
2019-01-25	2019-01-25
2019-01-28	2019-01-28
2019-01-30	2019-01-30
2019-02-01	2019-02-01
2019-02-05	2019-02-05
2019-02-10	2019-02-10
2019-02-15	2019-02-15
2019-02-20	2019-02-20
2019-03-05	2019-03-05
2019-03-15	2019-03-15

Q241B: Q241 b.Type of product

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	Herbicide

2	Insecticide

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
ATRAZINE	ATRAZINE
CARBARYL	CARBARYL
CHLORANTRANILIPROLE	CHLORANTRANILIPROLE
DICAMBA	DICAMBA
Do not know	Do not know
GLYPHOSATE	GLYPHOSATE
LAMBDA CYHALOTHRIN	LAMBDA CYHALOTHRIN
MESOTRIONE	MESOTRIONE
NIKOSULPHURON	NIKOSULPHURON
PARAQUAT	PARAQUAT
PROSULFOCARB	PROSULFOCARB
PYRIPROXYFEN	PYRIPROXYFEN
S-METOLACHLORE	S-METOLACHLORE
TAU-FLUVALINATE	TAU-FLUVALINATE
TOPRAMEZONE	TOPRAMEZONE
TRICHLORFON	TRICHLORFON

C241CP1: CODED VARIABLE - amount of ai1

Data file: Crop_protection

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 2.5 - 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
DICAMBA	DICAMBA
FLUMETSULAM	FLUMETSULAM
LAMBDA CYHALOTHRIN	LAMBDA CYHALOTHRIN
TEBUCONAZOLE	TEBUCONAZOLE
THIPHENSULPHURONE-METHYL	THIPHENSULPHURONE-METHYL

C241CP2: CODED VARIABLE - amount of ai2

Data file: Crop_protection

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 20 - 375   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
TERBUTYLAZINE	TERBUTYLAZINE

C241CP3: CODED VARIABLE - amount of ai3

Data file: Crop_protection

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 125 - 125   Format: Numeric

C241CPT: CODED VARIABLE - total amount of ai

Data file: Crop_protection

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 2.5 - 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: 40 - 5000   Format: Numeric

Q241E: CODED VARIABLE Q241 e. Unit of quantity

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	MILLILITER/HECT
2	GRAM/HECT

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

Data file: Crop_protection

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 600   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
annual grasses; pigweeds	annual grasses; pigweeds
aphids	aphids
aphids; worms	aphids; worms
army worms	army worms
army worms; leaf hoppers	army worms; leaf hoppers
armyworm	armyworm
armyworm; cutworm	armyworm; cutworm
armyworms	armyworms
beetles	beetles
black jack	black jack
black jack; grass	black jack; grass
black jack; loose grass	black jack; loose grass
black jack; thorn apple	black jack; thorn apple
black lack; loose grass	black lack; loose grass
broad leaf weeds	broad leaf weeds
broad leaves weeds	broad leaves weeds
bufallo grass; goose grass	bufallo grass; goose grass
cutworms	cutworms
cutworms; aphids	cutworms; aphids
goose grass	goose grass
goose grass; pigweed	goose grass; pigweed

grass	grass
grass; black jack	grass; black jack
grass; blackjack	grass; blackjack
grass; pig weed	grass; pig weed
grass; pigweed	grass; pigweed
grass; pigweeds	grass; pigweeds
kochia; pig weed	kochia; pig weed
kochia; pigweed	kochia; pigweed
loose grass	loose grass
loose grass; black jack	loose grass; black jack
loose grass; pig weed	loose grass; pig weed
loose grass; pigweed	loose grass; pigweed
pig weed	pig weed
pig weed; grass	pig weed; grass
pig weed; rag weed	pig weed; rag weed
pig weed; rag weed; kochia	pig weed; rag weed; kochia
pigweed	pigweed
pigweed; black jack	pigweed; black jack
pigweed; goose grass	pigweed; goose grass
pigweed; loose grass	pigweed; loose grass
pigweed; ragweed	pigweed; ragweed
pigweed; winter grass	pigweed; winter grass
pigweeds; loose grass	pigweeds; loose grass
pigweeds; winter grass	pigweeds; winter grass
rag weed; black jack	rag weed; black jack
ragweed	ragweed
ragweed; pigweed	ragweed; pigweed
stalk borer	stalk borer
termites	termites
termites; ants	termites; ants
termites; weevils	termites; weevils
termites; worms	termites; worms
thorn apple; pigweed	thorn apple; pigweed
volunteer corn; wild oats	volunteer corn; wild oats
wire grass; pig weed	wire grass; pig weed
worms	worms

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

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	Medium pressure
2	Low pressure
3	High pressure

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

Data file: Crop_protection

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 10   Range: 50 - 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: 85 - 100   Format: Numeric

Q241K: Q241 k. Equipment type ?

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	Hand operated sprayers (e.g. knapsack),
2	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: 2016 - 2019   Format: Numeric

COUNTRY: Country

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Zimbabwe	Zimbabwe

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
ZimbabweMaize1	ZimbabweMaize1

GROWERID: Unique identifier per grower

Data file: Location

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 12   Range: 48100100 - 48204800   Format: Numeric

▎ GROWINGAREA: Field code (A or B)

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

Value	Category
A	A
B	B

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

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	1
2	2
3	3
4	4
5	5
6	6
One gps location of each farm	One gps location of each farm
One gps location of each growingarea	One gps location of each growingarea

▎ GPS_OPTION: gps_option

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	interviewer walks around the field

GPS_SHAPE: Description of the field (from 2018 onwards)

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	Irregular shape
2	Rectangle
3	Square
4	Triangle

Q22D_LAT_DEG: Latititude degrees

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q22D_LAT_MIN: Latititude 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: Latititude 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

CATEGORIES

Value	Category
confidential	confidential

Q22D_LON_SEC: Longitude seconds

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

REMARK_AREA: Remark from the interviewer (2019 onwards)

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

Value	Category
ok	ok

Q151: Q151. Open field or in a greenhouse?

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	Open field

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

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

Value	Category
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
1052	1052
2013	2013
2013 Zvimb	2013 Zvimb
2022	2022
2030	2030
2035	2035
226	226
35 Zvimba	35 Zvimba
7079	7079

832	832
9128	9128
9128 MASVI	9128 MASVI

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
MMashonaland East Province	MMashonaland East Province
Mahusekwa	Mahusekwa
Manica	Manica
Manicaland Province	Manicaland Province
Mashonaland Central Province	Mashonaland Central Province
Mashonaland East Province	Mashonaland East Province
Mashonaland West Province	Mashonaland West Province
Masvingo Province	Masvingo Province
Midlands Province	Midlands Province

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: 2016 - 2019   Format: Numeric

COUNTRY: Country

Data file: Activities and Machinery (Q382)

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Zimbabwe	Zimbabwe

CROP: Crop

Data file: Activities and Machinery (Q382)

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Corn	Corn

CLUSTERID: Unique identifier per cluster

Data file: Activities and Machinery (Q382)

Overview

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

CATEGORIES

Value	Category
ZimbabweMaize1	ZimbabweMaize1

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
48100100	48100100
48100200	48100200
48100300	48100300
48100400	48100400
48100500	48100500
48100600	48100600
48100700	48100700
48100800	48100800
48100900	48100900

48101000	48101000
48101100	48101100
48101200	48101200
48101300	48101300
48101400	48101400
48101500	48101500
48200900	48200900
48201000	48201000
48201100	48201100
48201200	48201200
48201300	48201300
48201400	48201400
48201500	48201500
48201600	48201600
48201700	48201700
48201800	48201800
48201900	48201900
48202000	48202000
48202100	48202100
48202200	48202200
48202300	48202300
48202400	48202400
48202500	48202500
48202600	48202600
48202700	48202700
48202800	48202800
48202900	48202900
48203000	48203000
48203100	48203100
48203200	48203200
48203300	48203300
48203400	48203400
48203500	48203500
48203600	48203600
48203700	48203700
48203800	48203800
48203900	48203900
48204000	48204000
48204100	48204100

48204200	48204200
48204300	48204300
48204400	48204400
48204500	48204500
48204600	48204600
48204700	48204700
48204800	48204800

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 - 17   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	Weeding
13	Harvesting
14	Post handling
15	Processing
16	Transport
17	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

2016 GGP Questionaire Master

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

2017 GGP Questionaire Master

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

2018 GGP Questionaire Master

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

2019 GGP Questionaire Master

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

reports

Enabling a set change in farm efficiency (productivity brochure)

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

The Good Growth Plan Progress Data - Productivity 2019

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