Good Growth Plan 2014

Syngenta

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Identification

SURVEY ID NUMBER
GHA_2014_GGP-P_v01_M_v01_A_OCS

TITLE
Good Growth Plan 2014

COUNTRY/ECONOMY

Name	Country code
Ghana	GHA

STUDY TYPE
Agricultural Survey [ag/oth]

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

KIND OF DATA
Sample survey data [ssd]

UNIT OF ANALYSIS
Agricultural holdings

Scope

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

TOPICS

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

KEYWORDS

Keyword
Input efficiency
Crop productivity
Agriculture
The Good Growth Plan

Coverage

GEOGRAPHIC COVERAGE
National coverage

Producers and sponsors

PRIMARY INVESTIGATORS

Name
Syngenta

PRODUCERS

Name	Role
Kynetec	Technical assistance

Sampling

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

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

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

data_collection

DATES OF DATA COLLECTION

Start	End
2014	2014

DATA COLLECTION MODE
Face-to-face [f2f]

questionnaires

QUESTIONNAIRES
Data collection tool for 2019 covered the following information:

(A) PRE- HARVEST INFORMATION

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

(B) HARVEST INFORMATION

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

See all questionnaires in external materials tab

data_processing

DATA EDITING
Data processing:

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

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

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

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

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

• Cross-validation of the answers:

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

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

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

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

data_appraisal

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

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

Access policy

CONTACTS

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

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

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- Any results derived from the micro dataset will be used solely for reporting aggregated information, and not for any specific individual entities or data subjects;
- The users shall not take any action with the purpose of identifying any individual entity (i.e. person, household, enterprise, etc.) in the micro dataset(s). If such a disclosure is made inadvertently, no use will be made of the information, and it will be reported immediately to FAO;
- The micro dataset cannot be re-disseminated by users or shared with anyone other than the individuals that are granted access to the micro dataset by FAO.

CITATION REQUIREMENTS
The Good Growth Plan Progress Data - Productivity 2019

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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_GHA_2014_GGP-P_v01_M_v01_A_OCS

PRODUCERS

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

DATE OF METADATA PRODUCTION
2023-01-26

DDI DOCUMENT VERSION
Version 01 (January 2023): This metadata was downloaded from the FAO website (https://microdata.fao.org/index.php/catalog) and it is identical to FAO version (GHA_2014_GGP-P_v01_EN_M_A_OCS). The following two metadata fields were edited - Document ID and Survey ID.

data_dictionary

Data file	Cases	variables
Farm_level_data	0	29
Global_farm_data	0	73
Crop_protection	0	24
Location	0	7
Activities and Machinery (Q382)	0	9

Data file: Farm_level_data

Cases:	0
variables:	29

variables

ID	Name	Label	Question
V1	HarvestYear	Data collection wave	
V2	Region	Syngenta's definition of Region	
V3	Territory	Syngenta's definition of Territory	
V4	GrowingArea	To which field/plot does the information relate to?	
V5	ClusterID	Unique cluster ID	
V6	country	Country	
V7	Farmtype	Farm type	
V8	GrowerID	Unique respondent ID	
V9	Crop	The crop of focus	
V10	AreaSize	Q57. Size of growing area A for <TARG1> in <HECT>	
V11	CropSize	Q5.Total cultivated area of <TARG1> in this season in <HECT>	
V12	FarmSize	Q6. Total size of your farm/cultivated area for all crops in <HECT>	
V13	Landproductivity	Land efficiency in ton/ha	
V14	PesticideApplicationEffiiciency	Number of field applications used per ton produced	
V15	NutrientEfficiency	Kgs of nitrogen used per ton produced	
V16	PhosphorusEfficiency	Kgs of phosphorus used per ton produced	
V17	PotassiumEfficiency	Kgs of potassium used per ton produced	
V18	SeedEfficiency	Kgs of seeds used per ton produced	
V19	PesticideEfficiency	Kgs of active ingredients from pesticides used in kilogram per ton produced	
V20	HerbicideEfficiency	Kgs of active ingredients from herbicides used per ton produced	
V21	FungicideEfficiency	Kgs of active ingredients from fungicides used per ton produced	
V22	InsecticideEfficiency	Kgs of active ingredients from insecticides used per ton produced	
V23	IrrigationWaterEfficiency	Litres of irrigation water used per ton produced	
V24	LaborEfficiency	Amount of labor hours per unit of crop output produced	
V25	MachineryEfficiency	Amount of machinery used in hours per unit of crop output produced	
V26	field_preparation	Date of first field preparation	
V27	planting_date	Date of sowing or planting	
V28	harvest_begin	Date when harvest started	
V29	harvest_end	Date when harvest ended	

total: 29

Data file: Global_farm_data

Cases:	0
variables:	73

variables

ID	Name	Label	Question
V30	Territory	Syngenta definition of territory (sub-region)	
V31	country	Country	
V32	ClusterID	Unique cluster ID	
V33	GrowerID	Unique respondent ID	
V34	GrowingArea	To which field/plot does the information relate to?	
V35	Farmtype	Farmtype	
V36	crop	Crop of focus	
V37	q19	Q19. Surname	
V38	q20	Q20. First name	
V39	q21	Q21. Phone number	
V40	q27	Q27. Year of birth	
V41	q28	Q28. Gender	
V42	q31	Q31. Until what age did you go to school?	
V43	q30	Q30. Are you a full-time or part-time farmer?	
V44	q33	Q33. Did you receive an agronomical/agricultural education?	
V45	q34	Q34. Are you a member of a producer group, association or cooperative for <CROP>?	
V46	q65	Q65. Do you practice intercropping for <TARGET CROP> ?	
V47	q60	Q60. Do you rotate crops on growing area A for <TARGET CROP>?	
V48	q67	Q67. What is the soil type of growing area A for <TARGET CROP>?	
V49	q54_1	Q54. Where do you deposit the rest water after spraying? Citerne (phytobac, heliosec, sentinel, biofilter)	
V50	q54_2	Q54. Where do you deposit the rest water after spraying? In fields	
V51	q54_3	Q54. Where do you deposit the rest water after spraying? In rivers, streams, drain or via the ditch	
V52	q54_99	Q54. Where do you deposit the rest water after spraying? Don’t know / no answer	
V53	q55a_1	Q55a. Where do you clean your sprain equipment? On farm	
V54	q55b_1	Q55b. Where do you dispose the water used for cleaning you equipment? On field	
V55	q55b_3	Q55b. Where do you dispose the water used for cleaning you equipment? On an unpaved surface	
V56	q55b_99	Q55b. Where do you dispose the water used for cleaning you equipment? Don’t know / no answer	
V57	q55c	Q55. C. Do you store the sprayer protected from rain?	
V58	q55d	Q55. D. Do you use drift-reducing nozzles on your sprayer?	
V59	q72	Q72. When did the first field preparation start for growing area A for <TARGET CROP> ?	
V60	q74	Q74. When was the crop sown / planted for growing area A for <TARGET CROP>?	
V61	q233	Q233. Do you use on-farm or pre-treated seed treatment to treat the seeds for growing area A for <TARGET CROP>?	
V62	q224	Q224. Do you apply organic fertilizers for <TARGET CROP>?	
V63	q226	Q226. Do you apply chemical fertilizers for <TARGET CROP>?	
V64	q243a	Q243. When was the harvest period for <TARGET CROP>?	

ID	Name	Label	Question
V65	q243b	Q243. When was the harvest period for <TARGET CROP>?	
V66	q360a	Q360. When was the harvest period for <TARGET CROP>?	
V67	q360b	Q360. When was the harvest period for <TARGET CROP>?	
V68	q319a	Q319. When was the harvest period for sugarcane?	
V69	q319b	Q319. When was the harvest period for sugarcane?	
V70	q339a	Q339. When was the harvest period for banana?	
V71	q339b	Q339. When was the harvest period for banana?	
V72	q377	Q377. What is the estimated revenue in <DOLLAR>/<HECTARES> for growing area A of <TARGET CROP>?	
V73	q378	Q378. Could you please indicate the estimated revenue in general? <DOLLAR>/<HECTARES>.	
V74	q379	Q379.A Can you please explain your answer for <TARGET CROP>?	
V75	q380	Q380. What is your total input cost for <TARGET CROP> from first field preparation until harvest?	
V76	q381_1	Q381. Percentage of TREES/SEED costs out of the total input cost for <TARGET CROP>?	
V77	q381_2	Q381. Percentage of FERTILIZERS costs out of the total input cost for <TARGET CROP>?	
V78	q381_3	Q381. Percentage of PESTICIDES costs out of the total input cost for <TARGET CROP>?	
V79	q381_4	Q381. Percentage of LABOR costs out of the total input cost for <TARGET CROP>?	
V80	q381_5	Q381. Percentage of MACHINERY costs of the total input cost for <TARGET CROP>?	
V81	q381_6	Q381. Percentage of WATER USE costs out of the total input cost for <TARGET CROP>?	
V82	q381_7	Q381. Percentage of FUEL costs out of the total input cost for <TARGET CROP>?	
V83	q381_8	Q381. Percentage of ELECTRICITY costs out of the total input cost for <TARGET CROP>?	
V84	q381_9	Q381. Percentage of GAS costs out of the total input cost for <TARGET CROP>?	
V85	q388	Q388. How would you say the level of ranfall was for growing area A	
V86	q389	Q389. What is the MAIN water source of <TARGET CROP> during this season?	
V87	q390	Q390. What is the number of days you have been irrigating <TARGET CROP>?	
V88	q391	Q391. What is the average amount of hours per day you have been irrigating of <TARGET CROP>?	
V89	q392	Q392. What is the amount of liters that is discharged per hour of <TARGET CROP>?	
V90	harvestyear	Data collection wave	
V91	q215	Q215. When did the first field preparation start for cauliflower?	
V92	q218	Q218. When have the young plants been planted for cauliflower?	
V93	q399	Q399. Please explain why you follow or do not follow the crop program and/or recommendations.	
V94	q397	Q397. Received a recommended growing protocol or crop program from an agricultural advisor?	
V95	q35a_1	Q35.A. What group/association/cooperative are a member of? 1ST	
V96	q58	Q58. In general, what is the topography of your growing area?	
V97	q116	Q116. What production system is used for rice?	
V98	q119	Q119. Please indicate the inter-row space that is applied?	
V99	q230_1	Bought seeds	
V100	q147	Q147. When have the young plants been planted ?	
V101	q295	Q295. What is the level of brokens in percentage for rice?	
V102	q297	Q297. % of colored grains and contaminants for rice?	

total: 73

Data file: Crop_protection

Cases:	0
variables:	24

variables

ID	Name	Label	Question
V103	harvestyear	Data collection wave	
V104	GrowingArea	To which field/plot does the information relate to?	
V105	ClusterID	Unique cluster ID	
V106	country	Country	
V107	Farmtype	FARMTYPE	
V108	GrowerID	Unique respondent ID	
V109	product	Unique code of a product within application	
V110	crop	The crop of focus	
V111	q241a	Q241 a. Timing of product application	
V112	q241b	Q241 b.Type of product	
V113	q241c	Q241 c . Brand product name	
V114	c241c	CODED VARIABLE - stringcode	
V115	c241ca1	CODED VARIABLE - active ingredient1	
V116	c241cp1	CODED VARIABLE - amount of ai1	
V117	c241cu1	CODED VARIABLE - unit (% or Gr)	
V118	c241ca2	CODED VARIABLE - active ingredient2	
V119	c241cp2	CODED VARIABLE - amount of ai2	
V120	q241d	CODED VARIABLE Q241 d. Dosage ?	
V121	q241e	CODED VARIABLE Q241 e. Unit of quantity	
V122	q241f	Q241 f. Amount of H2O solved in LITERS per <HECTARE>	
V123	q241g	Q241 g. Pest/disease/ weed targeted ?	
V124	q241h	Q241 h. Level of pest/ disease/ weed pressure	
V125	q241i	Q241 i. Percentage of the area treated against pests/ diseases/ weeds	
V126	q241j	Q241 j. Percentage of crop free of pests/ diseases/ weeds at harvest (in %)	

total: 24

Data file: Location

Cases:	0
variables:	7

variables

ID	Name	Label	Question
V127	harvestyear	Year in which the data was collected	
V128	country	Country	
V129	ClusterID	Unique identifier per cluster	
V130	GrowerID	Unique identifier per grower	
V131	GrowingArea	Field code (A or B)	
V132	q25	Q25. Farm address - postal code	
V133	admin_level_1	administrative area 1	

total: 7

Data file: Activities and Machinery (Q382)

Cases:	0
variables:	9

variables

ID	Name	Label	Question
V134	harvestyear	Year in which the data was collected	
V135	country	Country	
V136	crop	Crop	
V137	ClusterID	Unique identifier per cluster	
V138	farmtype	Reference farms versus Benchmark farms	
V139	GrowerID	Unique identifier per grower	
V140	GrowingArea	Field code (A or B)	
V141	activity	Which activities did the grower do on his field?	
V142	Machinery	Did he use power driven equipment to complete this activity?	

total: 9

HARVESTYEAR: Data collection wave

Data file: Farm_level_data

Overview

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

AREASIZE: Q57. Size of growing area A for in

Data file: Farm_level_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 0.4 - 1.6 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
ghanarice1	ghanarice1

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
Ghana	Ghana

FARMTYPE: Farm type

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
bf	bf
rf	rf

GROWERID: Unique respondent ID

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
14100100	14100100
14100200	14100200
14100300	14100300
14100400	14100400
14100500	14100500
14100600	14100600
14100700	14100700
14100800	14100800
14100900	14100900
14101000	14101000
14201100	14201100
14201200	14201200
14201300	14201300
14201400	14201400
14201500	14201500
14201600	14201600

14201700	14201700
14201800	14201800
14201900	14201900
14202000	14202000
14202100	14202100
14202200	14202200
14202300	14202300
14202400	14202400
14202500	14202500

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
rice	rice

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: 0.81 - 1.6 Format: Numeric

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

Data file: Farm_level_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 0.81 - 1.6 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: 1 - 7.5 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: 0.533333333333333 - 5 Format: Numeric

NUTRIENTEFFICIENCY: Kgs of nitrogen used per ton produced

Data file: Farm_level_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 4 - 40 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: 4 - 52.0833333333333 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 - 52.0833333333333 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: 1.70833333333333 - 51.25 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: 0.221666666666667 - 4.032125 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: 0.181333333333333 - 3.6 Format: Numeric

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

Data file: Farm_level_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 0.0283333333333333 - 0.342125 Format: Numeric

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

Data file: Farm_level_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 0.225 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: 2330.86419753086 - 154080 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: 13.4166666666667 - 415 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: 1.66666666666667 - 97.5 Format: Numeric

FIELD_PREPARATION: Date of first field preparation

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-02-02	2014-02-02
2014-02-03	2014-02-03
2014-02-04	2014-02-04
2014-02-05	2014-02-05
2014-02-20	2014-02-20
2014-03-01	2014-03-01
2014-03-02	2014-03-02
2014-03-03	2014-03-03
2014-03-04	2014-03-04
2014-03-05	2014-03-05
2014-03-10	2014-03-10
2014-03-15	2014-03-15
2014-03-20	2014-03-20
2014-04-01	2014-04-01
2014-04-04	2014-04-04
2014-04-10	2014-04-10
2014-04-15	2014-04-15
2014-04-17	2014-04-17

PLANTING_DATE: Date of sowing or planting

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-03-03	2014-03-03
2014-03-06	2014-03-06
2014-03-10	2014-03-10
2014-03-12	2014-03-12
2014-03-15	2014-03-15
2014-03-18	2014-03-18
2014-03-20	2014-03-20
2014-03-23	2014-03-23
2014-03-28	2014-03-28
2014-03-29	2014-03-29
2014-04-01	2014-04-01
2014-04-02	2014-04-02
2014-04-03	2014-04-03
2014-04-04	2014-04-04
2014-04-08	2014-04-08
2014-04-15	2014-04-15
2014-04-17	2014-04-17
2014-04-24	2014-04-24
2014-04-25	2014-04-25
2014-04-30	2014-04-30
2014-05-02	2014-05-02
2014-05-15	2014-05-15

HARVEST_BEGIN: Date when harvest started

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-09-05	2014-09-05
2014-09-08	2014-09-08
2014-09-10	2014-09-10
2014-09-13	2014-09-13
2014-09-16	2014-09-16
2014-09-17	2014-09-17
2014-09-18	2014-09-18
2014-09-19	2014-09-19
2014-09-20	2014-09-20
2014-09-21	2014-09-21
2014-09-22	2014-09-22
2014-09-23	2014-09-23
2014-09-26	2014-09-26
2014-09-28	2014-09-28

HARVEST_END: Date when harvest ended

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-09-05	2014-09-05
2014-09-08	2014-09-08
2014-09-10	2014-09-10
2014-09-11	2014-09-11
2014-09-12	2014-09-12
2014-09-13	2014-09-13
2014-09-14	2014-09-14
2014-09-15	2014-09-15
2014-09-16	2014-09-16

2014-09-17	2014-09-17
2014-09-18	2014-09-18
2014-09-19	2014-09-19
2014-09-20	2014-09-20
2014-09-21	2014-09-21
2014-09-23	2014-09-23
2014-09-24	2014-09-24
2014-09-27	2014-09-27
2014-09-29	2014-09-29

TERRITORY: Syngenta definition of territory (sub-region)

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
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
Ghana	Ghana

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
ghanarice1	ghanarice1

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
14100100	14100100
14100200	14100200
14100300	14100300
14100400	14100400
14100500	14100500
14100600	14100600
14100700	14100700
14100800	14100800
14100900	14100900
14101000	14101000
14201100	14201100
14201200	14201200
14201300	14201300
14201400	14201400
14201500	14201500
14201600	14201600
14201700	14201700
14201800	14201800
14201900	14201900
14202000	14202000
14202100	14202100
14202200	14202200
14202300	14202300
14202400	14202400
14202500	14202500

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

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
rice	rice

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

Q27: Q27. Year of birth

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 1926 - 1977 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: 11 - 25 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 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Full-time grower

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no

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

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 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	no

Q60: Q60. Do you rotate crops on growing area A for ?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

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

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	Mentioned
2	Not mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	Mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	Mentioned

Q54_99: Q54. Where do you deposit the rest water after spraying? Don’t know / no answer

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	Mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned

Q55B_99: Q55b. Where do you dispose the water used for cleaning you equipment? Don’t know / no answer

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-02-02	2014-02-02
2014-02-03	2014-02-03
2014-02-04	2014-02-04
2014-02-05	2014-02-05
2014-02-20	2014-02-20
2014-03-01	2014-03-01
2014-03-02	2014-03-02
2014-03-03	2014-03-03
2014-03-04	2014-03-04
2014-03-05	2014-03-05
2014-03-10	2014-03-10
2014-03-15	2014-03-15
2014-03-20	2014-03-20
2014-04-01	2014-04-01
2014-04-04	2014-04-04
2014-04-10	2014-04-10
2014-04-15	2014-04-15
2014-04-17	2014-04-17

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-03-03	2014-03-03
2014-03-06	2014-03-06
2014-03-10	2014-03-10
2014-03-12	2014-03-12
2014-03-15	2014-03-15
2014-03-18	2014-03-18
2014-03-20	2014-03-20
2014-03-23	2014-03-23
2014-03-28	2014-03-28
2014-03-29	2014-03-29
2014-04-01	2014-04-01
2014-04-02	2014-04-02
2014-04-03	2014-04-03
2014-04-04	2014-04-04
2014-04-08	2014-04-08
2014-04-15	2014-04-15
2014-04-17	2014-04-17
2014-04-24	2014-04-24
2014-04-25	2014-04-25
2014-04-30	2014-04-30
2014-05-02	2014-05-02
2014-05-15	2014-05-15

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

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

Q224: Q224. Do you apply organic fertilizers for ?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no

Q226: Q226. Do you apply chemical fertilizers for ?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes

Q243A: Q243. When was the harvest period for ?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-09-05	2014-09-05
2014-09-08	2014-09-08
2014-09-10	2014-09-10
2014-09-13	2014-09-13
2014-09-16	2014-09-16

2014-09-17	2014-09-17
2014-09-18	2014-09-18
2014-09-19	2014-09-19
2014-09-20	2014-09-20
2014-09-21	2014-09-21
2014-09-22	2014-09-22
2014-09-23	2014-09-23
2014-09-26	2014-09-26
2014-09-28	2014-09-28

Q243B: Q243. When was the harvest period for ?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-09-05	2014-09-05
2014-09-08	2014-09-08
2014-09-10	2014-09-10
2014-09-11	2014-09-11
2014-09-12	2014-09-12
2014-09-13	2014-09-13
2014-09-14	2014-09-14
2014-09-15	2014-09-15
2014-09-16	2014-09-16
2014-09-17	2014-09-17
2014-09-18	2014-09-18
2014-09-19	2014-09-19
2014-09-20	2014-09-20
2014-09-21	2014-09-21
2014-09-23	2014-09-23
2014-09-24	2014-09-24
2014-09-27	2014-09-27
2014-09-29	2014-09-29

Q360A: Q360. When was the harvest period for ?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-09-05	2014-09-05
2014-09-08	2014-09-08
2014-09-10	2014-09-10
2014-09-13	2014-09-13
2014-09-16	2014-09-16
2014-09-17	2014-09-17
2014-09-18	2014-09-18
2014-09-19	2014-09-19
2014-09-20	2014-09-20
2014-09-21	2014-09-21
2014-09-22	2014-09-22
2014-09-23	2014-09-23
2014-09-26	2014-09-26
2014-09-28	2014-09-28

Q360B: Q360. When was the harvest period for ?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-09-05	2014-09-05
2014-09-08	2014-09-08

2014-09-10	2014-09-10
2014-09-11	2014-09-11
2014-09-12	2014-09-12
2014-09-13	2014-09-13
2014-09-14	2014-09-14
2014-09-15	2014-09-15
2014-09-16	2014-09-16
2014-09-17	2014-09-17
2014-09-18	2014-09-18
2014-09-19	2014-09-19
2014-09-20	2014-09-20
2014-09-21	2014-09-21
2014-09-23	2014-09-23
2014-09-24	2014-09-24
2014-09-27	2014-09-27
2014-09-29	2014-09-29

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-09-05	2014-09-05
2014-09-08	2014-09-08
2014-09-10	2014-09-10
2014-09-13	2014-09-13
2014-09-16	2014-09-16
2014-09-17	2014-09-17
2014-09-18	2014-09-18
2014-09-19	2014-09-19
2014-09-20	2014-09-20
2014-09-21	2014-09-21
2014-09-22	2014-09-22

2014-09-23	2014-09-23
2014-09-26	2014-09-26
2014-09-28	2014-09-28

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-09-05	2014-09-05
2014-09-08	2014-09-08
2014-09-10	2014-09-10
2014-09-11	2014-09-11
2014-09-12	2014-09-12
2014-09-13	2014-09-13
2014-09-14	2014-09-14
2014-09-15	2014-09-15
2014-09-16	2014-09-16
2014-09-17	2014-09-17
2014-09-18	2014-09-18
2014-09-19	2014-09-19
2014-09-20	2014-09-20
2014-09-21	2014-09-21
2014-09-23	2014-09-23
2014-09-24	2014-09-24
2014-09-27	2014-09-27
2014-09-29	2014-09-29

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-09-05	2014-09-05
2014-09-08	2014-09-08
2014-09-10	2014-09-10
2014-09-13	2014-09-13
2014-09-16	2014-09-16
2014-09-17	2014-09-17
2014-09-18	2014-09-18
2014-09-19	2014-09-19
2014-09-20	2014-09-20
2014-09-21	2014-09-21
2014-09-22	2014-09-22
2014-09-23	2014-09-23
2014-09-26	2014-09-26
2014-09-28	2014-09-28

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-09-05	2014-09-05
2014-09-08	2014-09-08
2014-09-10	2014-09-10
2014-09-11	2014-09-11
2014-09-12	2014-09-12
2014-09-13	2014-09-13
2014-09-14	2014-09-14
2014-09-15	2014-09-15
2014-09-16	2014-09-16

2014-09-17	2014-09-17
2014-09-18	2014-09-18
2014-09-19	2014-09-19
2014-09-20	2014-09-20
2014-09-21	2014-09-21
2014-09-23	2014-09-23
2014-09-24	2014-09-24
2014-09-27	2014-09-27
2014-09-29	2014-09-29

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: 2100 - 16000 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: 8000 - 8000 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: 1000 - 4729 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: 3 - 15 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: 8 - 60 Format: Numeric

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 5 - 45 Format: Numeric

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 4 - 29 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: 9 - 44 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: 1 - 10 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 - 0 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

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

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

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

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

Data file: Global_farm_data

Overview

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

Q391: Q391. What is the average amount of hours per day you have been irrigating of ?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 4 - 24 Format: Numeric

Q392: Q392. What is the amount of liters that is discharged per hour of ?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 500 - 900 Format: Numeric

HARVESTYEAR: Data collection wave

Data file: Global_farm_data

Overview

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

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-02-02	2014-02-02
2014-02-03	2014-02-03
2014-02-04	2014-02-04
2014-02-05	2014-02-05
2014-02-20	2014-02-20
2014-03-01	2014-03-01
2014-03-02	2014-03-02
2014-03-03	2014-03-03
2014-03-04	2014-03-04
2014-03-05	2014-03-05
2014-03-10	2014-03-10
2014-03-15	2014-03-15
2014-03-20	2014-03-20
2014-04-01	2014-04-01
2014-04-04	2014-04-04
2014-04-10	2014-04-10
2014-04-15	2014-04-15
2014-04-17	2014-04-17

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-03-03	2014-03-03
2014-03-06	2014-03-06
2014-03-10	2014-03-10
2014-03-12	2014-03-12
2014-03-15	2014-03-15
2014-03-18	2014-03-18
2014-03-20	2014-03-20
2014-03-23	2014-03-23
2014-03-28	2014-03-28
2014-03-29	2014-03-29
2014-04-01	2014-04-01
2014-04-02	2014-04-02
2014-04-03	2014-04-03
2014-04-04	2014-04-04
2014-04-08	2014-04-08
2014-04-15	2014-04-15
2014-04-17	2014-04-17
2014-04-24	2014-04-24
2014-04-25	2014-04-25
2014-04-30	2014-04-30
2014-05-02	2014-05-02
2014-05-15	2014-05-15

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
I believe they have more knowledge on rice farming an I will help us as farmers to increase yield and quality	I believe they have more knowledge on rice farming an I will help us as farmers to increase yield and quality
I follow because it will help us have high yield since they have more information than us	I follow because it will help us have high yield since they have more information than us
I follow the recommendations because I want to improve my farm and get good growth	I follow the recommendations because I want to improve my farm and get good growth
I follow the recommendations because I want to improve my farm to increase production and good yield	I follow the recommendations because I want to improve my farm to increase production and good yield
I follow the recommendations which results in getting an award	I follow the recommendations which results in getting an award
I follow the recommendations which results in winning an award	I follow the recommendations which results in winning an award
I follow their recomemdations so as to acquire skills and more knowledge on rice farming	I follow their recomemdations so as to acquire skills and more knowledge on rice farming
I follow their recomendations because they are experts in rice farming sent to help us get good yield	I follow their recomendations because they are experts in rice farming sent to help us get good yield
I followed recommendations because old rice varieties were mixing with new ones so I can know how to handle it	I followed recommendations because old rice varieties were mixing with new ones so I can know how to handle it
I need to improve my rice farm so I follow recommendations	I need to improve my rice farm so I follow recommendations
I receive information on how to apply pesticides, fertilizer etc for good growth and high yield of crop	I receive information on how to apply pesticides, fertilizer etc for good growth and high yield of crop
because I needed to be informed on rice farming and the recommendations	because I needed to be informed on rice farming and the recommendations
because I needed to be well informed on rice farming and the recommendations.	because I needed to be well informed on rice farming and the recommendations.
because I trust in your recommendations and trainings they gave us.	because I trust in your recommendations and trainings they gave us.
because I was expecting a better yield than usual	because I was expecting a better yield than usual
because my knowledge on rice farming is low and so following their recommendations will help me improve	because my knowledge on rice farming is low and so following their recommendations will help me improve
because they are extension officers sent to train and advice us on technical issues in rice farming	because they are extension officers sent to train and advice us on technical issues in rice farming
because they are extension officers sent to train and advice us on technical isuesi n rice farmimg	because they are extension officers sent to train and advice us on technical isuesi n rice farmimg
because they are sent by government to educate us and they are very helpful since they impact us with knowledge	because they are sent by government to educate us and they are very helpful since they impact us with knowledge
due to poor yield in the previous season I followed their recommendations to improve and increase yield	due to poor yield in the previous season I followed their recommendations to improve and increase yield
their training and advice helps farmers to increase growth and yield	their training and advice helps farmers to increase growth and yield
their training information we received was different from what we already know hence made us follow their recommendations	their training information we received was different from what we already know hence made us follow their recommendations

they advice on how to apply fertilizers and chemicals at when due	they advice on how to apply fertilizers and chemicals at when due
they educate us on the types of chemicals and ferlizers to use and the time of application	they educate us on the types of chemicals and ferlizers to use and the time of application
they educate us on the types of chemicals and ferlizers to use and their time of application	they educate us on the types of chemicals and ferlizers to use and their time of application
they educate us thouroughly on how to apply fertilizer and pesticides	they educate us thouroughly on how to apply fertilizer and pesticides
they gave technical advice which I saw as different from what I knew already.	they gave technical advice which I saw as different from what I knew already.
they have information and are passing it on for the good of farmers	they have information and are passing it on for the good of farmers
they have trained us before on rice farming which helped us a lot	they have trained us before on rice farming which helped us a lot

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 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	yes

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
AVICO FARMS	AVICO FARMS
GADCO ASSOCIATION	GADCO ASSOCIATION
GADCO FARMERS	GADCO FARMERS

WIENCO FARMERS	WIENCO FARMERS

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

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	direct-seeded, wet-sown (dsws)
2	direct-seeded (ds)
3	direct-seeded, dry-sown (dsds)

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

Data file: Global_farm_data

Overview

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

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

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-03-03	2014-03-03
2014-03-06	2014-03-06
2014-03-10	2014-03-10
2014-03-12	2014-03-12
2014-03-15	2014-03-15
2014-03-18	2014-03-18
2014-03-20	2014-03-20
2014-03-23	2014-03-23
2014-03-28	2014-03-28
2014-03-29	2014-03-29
2014-04-01	2014-04-01
2014-04-02	2014-04-02
2014-04-03	2014-04-03
2014-04-04	2014-04-04
2014-04-08	2014-04-08
2014-04-15	2014-04-15
2014-04-17	2014-04-17

2014-04-24	2014-04-24
2014-04-25	2014-04-25
2014-04-30	2014-04-30
2014-05-02	2014-05-02
2014-05-15	2014-05-15

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 1 - 15 Format: Numeric

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

Data file: Global_farm_data

Overview

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

HARVESTYEAR: Data collection wave

Data file: Crop_protection

Overview

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

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

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
A	A
B	B

CLUSTERID: Unique cluster ID

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
GhanaRice1	GhanaRice1

COUNTRY: Country

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Ghana	Ghana

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
14100100	14100100
14100200	14100200
14100300	14100300
14100400	14100400
14100500	14100500
14100600	14100600
14100700	14100700
14100800	14100800
14100900	14100900

14101000	14101000
14201100	14201100
14201200	14201200
14201300	14201300
14201400	14201400
14201500	14201500
14201600	14201600
14201700	14201700
14201800	14201800
14201900	14201900
14202000	14202000
14202100	14202100
14202200	14202200
14202300	14202300
14202400	14202400
14202500	14202500

PRODUCT: Unique code of a product within application

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

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

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
Rice	Rice

Q241A: Q241 a. Timing of product application

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-03-03	2014-03-03
2014-03-06	2014-03-06
2014-03-10	2014-03-10
2014-03-11	2014-03-11
2014-03-15	2014-03-15
2014-03-16	2014-03-16
2014-03-20	2014-03-20
2014-03-25	2014-03-25
2014-03-28	2014-03-28
2014-03-29	2014-03-29
2014-03-30	2014-03-30
2014-04-01	2014-04-01
2014-04-02	2014-04-02
2014-04-03	2014-04-03
2014-04-04	2014-04-04
2014-04-05	2014-04-05
2014-04-06	2014-04-06

2014-04-07	2014-04-07
2014-04-09	2014-04-09
2014-04-10	2014-04-10
2014-04-12	2014-04-12
2014-04-15	2014-04-15
2014-04-20	2014-04-20
2014-04-21	2014-04-21
2014-04-24	2014-04-24
2014-04-25	2014-04-25
2014-04-27	2014-04-27
2014-04-29	2014-04-29
2014-04-30	2014-04-30
2014-05-01	2014-05-01
2014-05-02	2014-05-02
2014-05-03	2014-05-03
2014-05-05	2014-05-05
2014-05-06	2014-05-06
2014-05-07	2014-05-07
2014-05-09	2014-05-09
2014-05-10	2014-05-10
2014-05-11	2014-05-11
2014-05-14	2014-05-14
2014-05-15	2014-05-15
2014-05-16	2014-05-16
2014-05-17	2014-05-17
2014-05-19	2014-05-19
2014-05-20	2014-05-20
2014-05-23	2014-05-23
2014-05-25	2014-05-25
2014-05-27	2014-05-27
2014-05-28	2014-05-28
2014-05-29	2014-05-29
2014-05-30	2014-05-30
2014-06-01	2014-06-01
2014-06-02	2014-06-02
2014-06-03	2014-06-03
2014-06-04	2014-06-04
2014-06-05	2014-06-05
2014-06-07	2014-06-07

2014-06-08	2014-06-08
2014-06-11	2014-06-11
2014-06-14	2014-06-14
2014-06-15	2014-06-15
2014-06-16	2014-06-16
2014-06-19	2014-06-19
2014-06-21	2014-06-21
2014-06-27	2014-06-27
2014-06-29	2014-06-29
2014-06-30	2014-06-30
2014-07-01	2014-07-01
2014-07-02	2014-07-02
2014-07-03	2014-07-03
2014-07-05	2014-07-05
2014-07-10	2014-07-10
2014-07-17	2014-07-17
2014-07-21	2014-07-21
2014-07-29	2014-07-29
2014-07-30	2014-07-30
2014-08-10	2014-08-10
2014-08-19	2014-08-19
2014-10-04	2014-10-04

Q241B: Q241 b.Type of product

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	Herbicide
2	Insecticide
3	Fungicide
4	Rodenticides

Q241C: Q241 c . Brand product name

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

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
AZOXYSTROBIN	AZOXYSTROBIN
BISPYRIBAC-SODIUM	BISPYRIBAC-SODIUM
Do not know	Do not know
GLYPHOSATE	GLYPHOSATE
PRETILACHLOR	PRETILACHLOR

THIAMETHOXAM	THIAMETHOXAM

C241CP1: CODED VARIABLE - amount of ai1

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 30 - 400 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 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	g/l

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
DIFENOCONAZOLE	DIFENOCONAZOLE
LAMBDA CYHALOTHRIN	LAMBDA CYHALOTHRIN
PYRIBENZOXIM	PYRIBENZOXIM

C241CP2: CODED VARIABLE - amount of ai2

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 12.5 - 20 Format: Numeric

Q241D: CODED VARIABLE Q241 d. Dosage ?

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 200 - 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 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	MILLILITER/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: 64 - 456 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
all unwanted weeds	all unwanted weeds
ants ; grasshoppers	ants ; grasshoppers
blast	blast
carpet weed	carpet weed
caterpillar ; beetles	caterpillar ; beetles
elephant grass	elephant grass
fall panicum	fall panicum
fiagbea	fiagbea
grasshoppers	grasshoppers
grasshoppers ; beetles	grasshoppers ; beetles
mice ; grasshoppers	mice ; grasshoppers
mice ; insects	mice ; insects
mice;rodent	mice;rodent
old rice ; elephant grass	old rice ; elephant grass
old rice on field	old rice on field
old rice shooting up	old rice shooting up
prickly lettuce	prickly lettuce
quack grass	quack grass
shito dzeklo	shito dzeklo
tambolo	tambolo
weaver birds ; grasshoppers	weaver birds ; grasshoppers
weevil	weevil
weevils	weevils
worms	worms
yellow nutsedge	yellow nutsedge

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: 70 - 90 Format: Numeric

HARVESTYEAR: Year in which the data was collected

Data file: Location

Overview

Valid: 0 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 2014 - 2014 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
Ghana	Ghana

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
GhanaRice1	GhanaRice1

GROWERID: Unique identifier per grower

Data file: Location

Overview

Valid: 0 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 14100100 - 14202500 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

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
40	40

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
Volta Region	Volta Region

HARVESTYEAR: Year in which the data was collected

Data file: Activities and Machinery (Q382)

Overview

Valid: 0 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 2014 - 2014 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
Ghana	Ghana

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
Rice	Rice

CLUSTERID: Unique identifier per cluster

Data file: Activities and Machinery (Q382)

Overview

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

Questions and instructions

CATEGORIES

Value	Category
GhanaRice1	GhanaRice1

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
14100100	14100100
14100200	14100200
14100300	14100300
14100400	14100400
14100500	14100500
14100600	14100600
14100700	14100700
14100800	14100800
14100900	14100900

14101000	14101000
14201100	14201100
14201200	14201200
14201300	14201300
14201400	14201400
14201500	14201500
14201600	14201600
14201700	14201700
14201800	14201800
14201900	14201900
14202000	14202000
14202100	14202100
14202200	14202200
14202300	14202300
14202400	14202400
14202500	14202500

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 - 14 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Clearing
2	Ploughing
3	Digging
4	Ridging
5	Land levelling
6	Applying fertilizers
7	Sowing or planting
8	Scouting for pests and diseases
9	Applying pesticides
10	Irrigating
11	Harvesting
12	Processing
13	Transport
14	Other

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

Data file: Activities and Machinery (Q382)

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	Yes
2	No

study_resources

questionnaires

2014 GGP Questionaire Master

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

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