Good Growth Plan 2014-2019

Syngenta

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Identification

SURVEY ID NUMBER
MYS_2014-2019_GGP-P_v01_M_v01_A_OCS

TITLE
Good Growth Plan 2014-2019

COUNTRY/ECONOMY

Name	Country code
Malaysia	MYS

STUDY TYPE
Agricultural Survey [ag/oth]

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

KIND OF DATA
Sample survey data [ssd]

UNIT OF ANALYSIS
Agricultural holdings

Scope

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

TOPICS

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

KEYWORDS

Keyword
Input efficiency
Crop productivity
Agriculture
The Good Growth Plan

Coverage

GEOGRAPHIC COVERAGE
National coverage

Producers and sponsors

PRIMARY INVESTIGATORS

Name
Syngenta

PRODUCERS

Name	Role
Kynetec	Technical assistance

Sampling

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

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

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

BF Screened from Malaysia were selected based on the following criterion:
(a) Smallholder rice growers
Location: Kg (Kampung) masin, Pasir Akar, Besut,Terengganu
Less accessible to technology: poor farmers, don't have the money to buy quality seeds, fertilizers (Don't use machinery yet.)
Low yield around 3t/ha (not a screening criteria)
Using subsidy products provided by government at RM 200/ha (mix with competitors products)
Know about pest but not in details
Influence by friends/farmers
Not strong financial status due to low yield: don't have extra money on bank account and so need longer credit to pay (as a consequence: interest increases)
-Same area
-Same infrastructure: irrigation and farm road
- Cooperation: should be part of a cooperation Low yield
Mid-tier (sub-optimal CP/SE use): mid-tier growers use generic CP, cheaper CP, non hybrid (conventional) seeds

data_collection

DATES OF DATA COLLECTION

Start	End
2014	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

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

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CITATION REQUIREMENTS

The Good Growth Plan Progress Data - Productivity 2019

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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_MYS_2014-2019_GGP-P_v01_M_v01_A_OCS

PRODUCERS

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

DATE OF METADATA PRODUCTION

2023-01-26

DDI DOCUMENT VERSION

Version 01 (January 2023): This metadata was downloaded from the FAO website (https://microdata.fao.org/index.php/catalog) and it is identical to FAO version (MYS_2014-2019_GGP-P_v01_EN_M_A_OCS). The following two metadata fields were edited - Document ID and Survey ID.

data_dictionary

Data file	Cases	variables
fertilizers	0	17
Farm_level_data	0	32
Global_farm_data	0	185
Crop_protection	0	30
Location	0	19
Activities and Machinery (Q382)	0	9

Data file: fertilizers

Cases:	0
variables:	17

variables

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

total: 17

Data file: Farm_level_data

Cases:	0
variables:	32

variables

ID	Name	Label	Question
V18	HarvestYear	Data collection wave	
V19	Region	Syngenta's definition of Region	
V20	Territory	Syngenta's definition of Territory	
V21	GrowingArea	To which field/plot does the information relate to?	
V22	ClusterID	Unique cluster ID	
V23	country	Country	
V24	Farmtype	Farm type	
V25	GrowerID	Unique respondent ID	
V26	Crop	The crop of focus	
V27	AreaSize	Q57. Size of growing area A for <TARG1> in <HECT>	
V28	CropSize	Q5.Total cultivated area of <TARG1> in this season in <HECT>	
V29	FarmSize	Q6. Total size of your farm/cultivated area for all crops in <HECT>	
V30	Landproductivity	Land efficiency in ton/ha	
V31	PesticideApplicationEffiiciency	Number of field applications used per ton produced	
V32	NutrientEfficiency	Kgs of nitrogen used per ton produced	
V33	PhosphorusEfficiency	Kgs of phosphorus used per ton produced	
V34	PotassiumEfficiency	Kgs of potassium used per ton produced	
V35	SeedEfficiency	Kgs of seeds used per ton produced	
V36	PesticideEfficiency	Kgs of active ingredients from pesticides used in kilogram per ton produced	
V37	HerbicideEfficiency	Kgs of active ingredients from herbicides used per ton produced	
V38	FungicideEfficiency	Kgs of active ingredients from fungicides used per ton produced	
V39	InsecticideEfficiency	Kgs of active ingredients from insecticides used per ton produced	
V40	IrrigationWaterEfficiency	Litres of irrigation water used per ton produced	
V41	LaborEfficiency	Amount of labor hours per unit of crop output produced	
V42	MachineryEfficiency	Amount of machinery used in hours per unit of crop output produced	
V43	SyngentaShare	Percentage of syngenta products used compared to total number of products used	
V44	User_vs_non_user	Does the grower use Syngenta products?	
V45	protocol	have received a crop program and/or any recommendations this season?	
V46	field_preparation	Date of first field preparation	
V47	planting_date	Date of sowing or planting	
V48	harvest_begin	Date when harvest started	
V49	harvest_end	Date when harvest ended	

total: 32

Data file: Global_farm_data

Cases:	0
variables:	185

variables

ID	Name	Label	Question
V50	Territory	Syngenta definition of territory (sub-region)	
V51	country	Country	
V52	ClusterID	Unique cluster ID	
V53	GrowerID	Unique respondent ID	
V54	GrowingArea	To which field/plot does the information relate to?	
V55	Farmtype	Farmtype	
V56	q1c3	Q1.C3. Since you have participated before, we'd like to share with you your individual performance report	
V57	q1f	Q1. F. Would it be okay for you for Syngenta to contact you with follow-up information on The Good Growth Plan?	
V58	crop	Crop of focus	
V59	q56A2_3	Q56A2. Growing area changed from previous year- Sold or rented that area	
V60	q56A2_99	Q56A2. Growing area changed from previous year? Don't know / no answer	
V61	q57a	Q57A. How certain you are of the size indication for growing area A?	
V62	q4055	Q4055. TON/HEC Yield objective for area A for <CROP> at beginning of this season?	
V63	q19	Q19. Surname	
V64	q20	Q20. First name	
V65	q21	Q21. Phone number	
V66	q22	Q22. E-mail address	
V67	q27	Q27. Year of birth	
V68	q28	Q28. Gender	
V69	q31	Q31. Until what age did you go to school?	
V70	q30	Q30. Are you a full-time or part-time farmer?	
V71	q30b	Q30. B. How long have you been engaged in farming activities?	
V72	q33	Q33. Did you receive an agronomical/agricultural education?	
V73	q34	Q34. Are you a member of a producer group, association or cooperative for <CROP>?	
V74	q35c	Q35. C. Overall, how satisfied would you say you are with your life these days?	
V75	q37a	Q37.A. Do you have signs of soil erosion by water on	
V76	q37b	Q37.B. Do you have signs of soil erosion by wind on your farm?	
V77	q7001	Q7001. Have you changed your tillage practices for <TARGET CROP> in the past 20 years?	
V78	q7004	Q7004. Have you grown cover crop to manage soil health in the past 20 years for <CROP>?	
V79	q7006	Q7006 Have you stopped growing a cover crop in the past 20 years for <TARGET CROP>?	
V80	q7008	Q7008. For <Crop> was any land converted from arable land/grassland/forest in the past 20 years?	
V81	q65	Q65. Do you practice intercropping for <TARGET CROP> ?	
V82	q60	Q60. Do you rotate crops on growing area A for <TARGET CROP>?	
V83	q67	Q67. What is the soil type of growing area A for <TARGET CROP>?	
V84	q67b	Q67B. Texture is your soil on growing area A for <TARGET CROP> this season?	
V85	q7011	Q7011. How moist would rate your soil on growing area A for <TARGET CROP> this season?	

ID	Name	Label	Question
V86	q7012	Q7012 Rate the drainage of water through the soil on area A for <TARGET CROP> this season?	
V87	q55e1	Q55E1.Partook in training/meeting on crop/agricultural practices in the past 2 years?	
V88	q5500	Q5500. During the training/meeting, at least 15 minutes talking about safe-use practices	
V89	q55E2_1	Q55E2. Who organized this training? Syngenta representative	
V90	q55E2_3	Q55E2. Who organized this training? Extension officer	
V91	q55E2_4	Q55E2. Who organized this training? Cooperative	
V92	q55E2_6	Q55E2. Who organized this training? Supplier	
V93	q55E2_7	Q55E2. Who organized this training? Governmental organization (e.g. Ministry)	
V94	q55E2_96	Q55E2. Who organized this training? Other specify 1:	
V95	q5501	Q5501. Have you been contacted by a Syngenta representative during the past season?	
V96	q5502_1	Q5502. Can you describe how the Syngenta representative contacted you? Demonstration day	
V97	q5502_2	Q5502. Can you describe how the Syngenta representative contacted you? They visited my farm	
V98	q5502_3	Q5502. Can you describe how the Syngenta representative contacted you? Received a brochure	
V99	q5502_4	Q5502. Can you describe how the Syngenta representative contacted you? Phone call	
V100	q5502_96	Q5502. Can you describe how the Syngenta representative contacted you? Other specify 1:	
V101	q5503	Q5503. How useful was contact with the Syngenta Representative	
V102	q4041a	Q4041.A. Do you feel the need to follow training on crop cultivation in the near future?	
V103	q54_1	Q54. Where do you deposit the rest water after spraying? Citerne (phytobac, heliosec, sentinel, biofilter)	
V104	q54_2	Q54. Where do you deposit the rest water after spraying? In fields	
V105	q54_96	Q54. Where do you deposit the rest water after spraying? Other specify 1:	
V106	q54_oth1	Q54. Other 1:: Q54. Where do you deposit the rest water after spraying?	
V107	q55a_1	Q55a. Where do you clean your sprain equipment? On farm	
V108	q55b_1	Q55b. Where do you dispose the water used for cleaning you equipment? On field	
V109	q55b_3	Q55b. Where do you dispose the water used for cleaning you equipment? On an unpaved surface	
V110	q55b_4	Q55b. Where do you dispose the water used for cleaning you equipment? On a paved surface (drain / dike)	
V111	q55c	Q55. C. Do you store the sprayer protected from rain?	
V112	q55d	Q55. D. Do you use drift-reducing nozzles on your sprayer?	
V113	q72	Q72. When did the first field preparation start for growing area A for <TARGET CROP> ?	
V114	q73	Q73. KGs/HECT of seeds sown for growing area A for <TARGET CROP>	
V115	Q7014a	Q7014.A. Do you cultivate rice in a drought prone environment?	
V116	q74	Q74. When was the crop sown / planted for growing area A for <TARGET CROP>?	
V117	q7400	Q7400. Have you sown/planted <TARGET CROP> in the same period as last year?	
V118	q231b	Q231B. Are your seeds coated with crop protection products?	
V119	q233	Q233. Do you use on-farm or pre-treated seed treatment to treat the seeds for growing area A for <TARGET CROP>?	
V120	q397new	Q397_NEW. If you have received a crop program and/or any recommendations for growing to implement this season.	
V121	q224a	Q224 A. Did you perform a soil test for <TARGET CROP>?	
V122	q224	Q224. Do you apply organic fertilizers for <TARGET CROP>?	
V123	q226	Q226. Do you apply chemical fertilizers for <TARGET CROP>?	
V124	q229b1	Q229B1.Total number of applications you perform with chemical fertilizers on growing area for <TARGET CROP>?	

ID	Name	Label	Question
V125	q229b2	Q229B2.Total number of applications you perform with organic fertilizers on growing area for <TARGET CROP>?	
V126	q240e_1	Q240E. We would like to better understand the pest pressure on the selected growing areas. INSECT PRESSURE	
V127	q240e_2	Q240E. We would like to better understand the pest pressure on the selected growing areas. DISEASE PRESSURE	
V128	q240e_3	Q240E. We would like to better understand the pest pressure on the selected growing areas. WEED PRESSURE	
V129	q240en	Q240.E1. Do you generally use drift-reducing nozzles on your sprayer?	
V130	q240d	Q240D. Note down the total number of treatments you perform with crop protection products	
V131	q75	Q75. What is the final stand i.e. the number of plants - per <SQUARE METER>/<TARGET CROP>?	
V132	q76	Q76. Prior to harvest, indicate the percentage of the plot area that is lodged for <TARGET CROP>?	
V133	q243a	Q243. When was the harvest period for <TARGET CROP>?	
V134	q243b	Q243. When was the harvest period for <TARGET CROP>?	
V135	q243bb	Q243b. Have you harvested <TARGET CROP> in the same period as last year?	
V136	q244	Q244. Marketable yield that has been achieved for growing area A for <TARGET CROP> in <TON> per <HECTARES>?	
V137	q4094_2	Q4094. Who measured the yield on each of the growing areas? Dealer/store	
V138	q4094_4	Q4094. Who measured the yield on each of the growing areas? Independent advisor	
V139	q4094_5	Q4094. Who measured the yield on each of the growing areas? Cooperative	
V140	q4094_96	Q4094. Who measured the yield on each of the growing areas? Other specify1	
V141	q4094_98	Q4094. Who measured the yield on each of the growing areas? Other specify3	
V142	q4094_99	Q4094. Who measured the yield on each of the growing areas? Don’t know / no answer	
V143	q4095a	Q4095. A. Compared to previous year, would you say your yield has ...?	
V144	q4096a	Q4096. A. How satisfied are you with your yield this season?	
V145	q4097a	Q4097. A. How satisfied are you with the price you received on the market?	
V146	q251	Q251. % of crop damaged at the time of harvest (total lost - not marketable) for <TARGET CROP>?	
V147	q360a	Q360. When was the harvest period for <TARGET CROP>?	
V148	q360b	Q360. When was the harvest period for <TARGET CROP>?	
V149	q319a	Q319. When was the harvest period for sugarcane?	
V150	q319b	Q319. When was the harvest period for sugarcane?	
V151	q339a	Q339. When was the harvest period for banana?	
V152	q339b	Q339. When was the harvest period for banana?	
V153	q246_1	Q246. % of the harvest of your target crop is used for own consumption	
V154	q246_2	Q246. % of the harvest of your target crop is used for feeding livestock	
V155	q246_3	Q246. % of the harvest of your target crop is used for harvest sold	
V156	q4002	Q4002. Did you take measures to prevent post-harvest loss for <TARGET CROP>?	
V157	q7013	Q7013. How do you deal with crop residue of <TARGET CROP>?	
V158	q377	Q377. What is the estimated revenue in <DOLLAR>/<HECTARES> for growing area A of <TARGET CROP>?	
V159	q378	Q378. Could you please indicate the estimated revenue in general? <DOLLAR>/<HECTARES>.	
V160	q379	Q379.A Can you please explain your answer for <TARGET CROP>?	
V161	q380	Q380. What is your total input cost for <TARGET CROP> from first field preparation until harvest?	

ID	Name	Label	Question
V162	q4111_1	Q4111. Actual costs SEEDS for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V163	q4111_2	Q4111. Actual costs FERTILIZERZ for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V164	q4111_3	Q4111. Actual costs LABOR for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V165	q4111_4	Q4111. Actual costs MACHINERY <TARGET CROP>?<DOLLAR>/<HECTARES>	
V166	q4111_5	Q4111. Actual costs WATER USE for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V167	q4111_6	Q4111. Actual costs FUEL for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V168	q4111_7	Q4111. Actual costs RENT/LOAN for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V169	q4111_8	Q4111. Actual costs FUNGICIDES for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V170	q4111_9	Q4111. Actual costs HERBICIDES for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V171	q4111_10	Q4111. Actual costs INSECTICIDES <TARGET CROP>?<DOLLAR>/<HECTARES>	
V172	q4111_98	Q4111. Actual costs DRYING for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V173	q381_1	Q381. Percentage of TREES/SEED costs out of the total input cost for <TARGET CROP>?	
V174	q381_2	Q381. Percentage of FERTILIZERS costs out of the total input cost for <TARGET CROP>?	
V175	q381_3	Q381. Percentage of PESTICIDES costs out of the total input cost for <TARGET CROP>?	
V176	q381_4	Q381. Percentage of LABOR costs out of the total input cost for <TARGET CROP>?	
V177	q381_5	Q381. Percentage of MACHINERY costs of the total input cost for <TARGET CROP>?	
V178	q381_6	Q381. Percentage of WATER USE costs out of the total input cost for <TARGET CROP>?	
V179	q381_7	Q381. Percentage of FUEL costs out of the total input cost for <TARGET CROP>?	
V180	q381_8	Q381. Percentage of ELECTRICITY costs out of the total input cost for <TARGET CROP>?	
V181	q381_9	Q381. Percentage of GAS costs out of the total input cost for <TARGET CROP>?	
V182	q381_10	Q381. Percentage of RENT/LOAN costs out of the total input cost for <TARGET CROP>?	
V183	q381_98	Q381. Percentage of OTHER costs out of the total input cost for <TARGET CROP>?	
V184	q4121	Q4121. In general for the whole cultivation period, rate the weather conditions for <TARGET CROP>?	
V185	q387_1	Q387. What was the impact for target crop? Reduced yield	
V186	q387_2	Q387. What was the impact for target crop? Reduced yield quality	
V187	q387_3	Q387. What was the impact for target crop? No impact	
V188	q388	Q388. How would you say the level of ranfall was for growing area A	
V189	q388b	Q388. B. You mentioned you had less rainfall this season than usual. Was this problematic?	
V190	q388d	Q388D. You mentioned you had more rainfall this season than usual. Was this problematic?	
V191	q3880	Q3880. How would you say the temperature was during this season ?	
V192	q3880b	Q3880 B. You mentioned you had lower temperatures this season than usual. Was this problematic?	
V193	q389	Q389. What is the MAIN water source of <TARGET CROP> during this season?	
V194	q390	Q390. What is the number of days you have been irrigating <TARGET CROP>?	
V195	q391	Q391. What is the average amount of hours per day you have been irrigating of <TARGET CROP>?	
V196	q392	Q392. What is the amount of liters that is discharged per hour of <TARGET CROP>?	
V197	q7016	Q7016. Please indicate what percentage of the area is irrigated for <TARGET CROP>	
V198	q7017	Q7017. Which method of irrigation did you apply for <TARGET CROP>?	
V199	q399c	Q399.C. How satisfied are you with the crop program and/or recommendations for <TARGET CROP>?	
V200	date1	field preparation	
V201	date2	sowing/planting	
V202	date3a	begin harvest	
V203	date3b	end harvest	
V204	harvestyear	Data collection wave	

ID	Name	Label	Question
V205	q215	Q215. When did the first field preparation start for cauliflower?	
V206	q218	Q218. When have the young plants been planted for cauliflower?	
V207	q4000_6	q4000_6. To whom do you sell your yield -I sell it under a contract	
V208	q4000_96	q4000_96. To whom do you sell your yield -Other. Specify 1:	
V209	q4000_99	q4000_99. To whom do you sell your yield -Don’t know / no answer	
V210	q4000_oth1	Q4000b. Can you please tell us what are your main sources for selling the harvest? Other. Specify 1	
V211	q389_4	q389_4. Which water source has been used for irrigation? Public river, stream	
V212	q389_5	q389_5. Which water source has been used for irrigation? Public lake, pond	
V213	q389_6	q389_6. Which water source has been used for irrigation? Rainwater in a tank	
V214	q389_96	q389_96. Which water source has been used for irrigation? Other specify 1:	
V215	q389_oth1	q389_96. Which water source has been used for irrigation? Other specify 1:	
V216	q399	Q399. Please explain why you follow or do not follow the crop program and/or recommendations.	
V217	q397	Q397. Received a recommended growing protocol or crop program from an agricultural advisor?	
V218	q397b_oth1	Q397B. From whom did you receive the protocol/crop program? Other 1	
V219	q397c	Q397C. Did you receive a protocol/crop program from Syngenta?	
V220	q397d_oth	Q397.D. From which manufacturer have you received a protocol/crop program? OTHER	
V221	q35a_1	Q35.A. What group/association/cooperative are a member of? 1ST	
V222	q35a_2	Q35.A. What group/association/cooperative are a member of? 2ND	
V223	q35a_3	Q35.A. What group/association/cooperative are a member of? 3RD	
V224	q58	Q58. In general, what is the topography of your growing area?	
V225	q116	Q116. What production system is used for rice?	
V226	q116oth	Q116. What production system is used for rice? OTHER	
V227	q119	Q119. Please indicate the inter-row space that is applied?	
V228	q230_1	Bought seeds	
V229	q4001	Q4001. % of crop lost in-between harvest and storage or selling <TARG1>?	
V230	q147	Q147. When have the young plants been planted ?	
V231	q247_1a	Q247. BUYER 1 % of yield	
V232	q247_1b	Q247. BUYER 1 price per metric ton	
V233	q295	Q295. What is the level of brokens in percentage for rice?	
V234	q297	Q297. % of colored grains and contaminants for rice?	

total: 185

Data file: Crop_protection

Cases:	0
variables:	30

variables

ID	Name	Label	Question
V235	harvestyear	Data collection wave	
V236	GrowingArea	To which field/plot does the information relate to?	
V237	ClusterID	Unique cluster ID	
V238	country	Country	
V239	Farmtype	FARMTYPE	
V240	GrowerID	Unique respondent ID	
V241	product	Unique code of a product within application	
V242	crop	The crop of focus	
V243	application	Unique code of an application per field per grower	
V244	q241a	Q241 a. Timing of product application	
V245	q241b	Q241 b.Type of product	
V246	q241c	Q241 c . Brand product name	
V247	q241c1	Q241 c1. Brand product formulation	
V248	c241c	CODED VARIABLE - stringcode	
V249	c241ca1	CODED VARIABLE - active ingredient1	
V250	c241cp1	CODED VARIABLE - amount of ai1	
V251	c241cu1	CODED VARIABLE - unit (% or Gr)	
V252	c241ca2	CODED VARIABLE - active ingredient2	
V253	c241cp2	CODED VARIABLE - amount of ai2	
V254	c241cpt	CODED VARIABLE - total amount of ai	
V255	q241d	CODED VARIABLE Q241 d. Dosage ?	
V256	q241e	CODED VARIABLE Q241 e. Unit of quantity	
V257	q241f	Q241 f. Amount of H2O solved in LITERS per <HECTARE>	
V258	q241g	Q241 g. Pest/disease/ weed targeted ?	
V259	q241h	Q241 h. Level of pest/ disease/ weed pressure	
V260	q241i	Q241 i. Percentage of the area treated against pests/ diseases/ weeds	
V261	q241j	Q241 j. Percentage of crop free of pests/ diseases/ weeds at harvest (in %)	
V262	q241k	Q241 k. Equipment type ?	
V263	q241n	Q241 n. What is the timing of the treatment - before crop-emergence or after crop-emergence	
V264	syngenta	CODED VARIABLE Syngenta product? (1 = YES; 0 = NO)	

total: 30

Data file: Location

Cases:	0
variables:	19

variables

ID	Name	Label	Question
V265	harvestyear	Year in which the data was collected	
V266	country	Country	
V267	ClusterID	Unique identifier per cluster	
V268	GrowerID	Unique identifier per grower	
V269	GrowingArea	Field code (A or B)	
V270	CORNER	Multiple corners of same field can be registered (only from 2018 onwards)	
V271	gps_option	gps_option	
V272	gps_shape	Description of the field (from 2018 onwards)	
V273	q22d_lat_deg	Latititude degrees	
V274	q22d_lat_min	Latititude minutes	
V275	q22d_lat_sec	Latititude seconds	
V276	q22d_lon_deg	Longitude degrees	
V277	q22d_lon_min	Longitude minutes	
V278	q22d_lon_sec	Longitude seconds	
V279	remark_area	Remark from the interviewer (2019 onwards)	
V280	q151	Q151. Open field or in a greenhouse?	
V281	q1f	Q1. F. Would it be okay for you for this company to contact you with information on The GGP?	
V282	q25	Q25. Farm address - postal code	
V283	admin_level_1	administrative area 1	

total: 19

Data file: Activities and Machinery (Q382)

Cases:	0
variables:	9

variables

ID	Name	Label	Question
V284	harvestyear	Year in which the data was collected	
V285	country	Country	
V286	crop	Crop	
V287	ClusterID	Unique identifier per cluster	
V288	farmtype	Reference farms versus Benchmark farms	
V289	GrowerID	Unique identifier per grower	
V290	GrowingArea	Field code (A or B)	
V291	activity	Which activities did the grower do on his field?	
V292	Machinery	Did he use power driven equipment to complete this activity?	

total: 9

HARVESTYEAR: Data collection wave

Data file: fertilizers

Overview

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

Q229CB: Q229C b.Type of product

Data file: fertilizers

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	Chemical fertilizer
2	Organic fertilizer

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

Data file: fertilizers

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	A
2	B

CLUSTERID: Unique cluster ID

Data file: fertilizers

Overview

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

Questions and instructions

CATEGORIES

Value	Category
MalaysiaRice1	MalaysiaRice1

COUNTRY: Country

Data file: fertilizers

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Malaysia	Malaysia

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
26100100	26100100
26100300	26100300
26100700	26100700
26101100	26101100
26101700	26101700
26200100	26200100
26200200	26200200
26200300	26200300
26200400	26200400
26200500	26200500
26200600	26200600
26200700	26200700
26200800	26200800
26200900	26200900
26201000	26201000
26201100	26201100
26201300	26201300
26201400	26201400
26201500	26201500
26201600	26201600
26201700	26201700
26201800	26201800
26201900	26201900
26202000	26202000
26202100	26202100
26202200	26202200
26202300	26202300

PRODUCT: Unique code of a product that was applied

Data file: fertilizers

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	1
10	10
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

CROP: The crop of focus

Data file: fertilizers

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Rice	Rice

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

Data file: fertilizers

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2015-07-29	2015-07-29

2015-08-10	2015-08-10
2015-08-11	2015-08-11
2015-08-12	2015-08-12
2015-08-13	2015-08-13
2015-08-20	2015-08-20
2015-08-21	2015-08-21
2015-08-23	2015-08-23
2015-08-24	2015-08-24
2015-08-27	2015-08-27
2015-09-02	2015-09-02
2015-09-04	2015-09-04
2015-09-05	2015-09-05
2015-09-09	2015-09-09
2015-09-10	2015-09-10
2015-09-12	2015-09-12
2015-09-13	2015-09-13
2015-09-17	2015-09-17
2015-09-18	2015-09-18
2015-09-19	2015-09-19
2015-09-28	2015-09-28
2015-09-29	2015-09-29
2015-09-30	2015-09-30
2015-10-02	2015-10-02
2015-10-07	2015-10-07
2015-10-14	2015-10-14
2015-10-15	2015-10-15
2015-10-20	2015-10-20
2015-10-30	2015-10-30
2017-07-08	2017-07-08
2017-07-12	2017-07-12
2017-07-22	2017-07-22
2017-07-25	2017-07-25
2017-07-28	2017-07-28
2017-07-30	2017-07-30
2017-08-02	2017-08-02
2017-08-05	2017-08-05
2017-08-07	2017-08-07
2017-08-10	2017-08-10
2017-08-11	2017-08-11

2017-08-12	2017-08-12
2017-08-14	2017-08-14
2017-08-16	2017-08-16
2017-08-17	2017-08-17
2017-08-18	2017-08-18
2017-08-21	2017-08-21
2017-08-22	2017-08-22
2017-08-23	2017-08-23
2017-08-24	2017-08-24
2017-08-25	2017-08-25
2017-08-26	2017-08-26
2017-08-27	2017-08-27
2017-08-29	2017-08-29
2017-08-30	2017-08-30
2017-08-31	2017-08-31
2017-09-01	2017-09-01
2017-09-02	2017-09-02
2017-09-03	2017-09-03
2017-09-05	2017-09-05
2017-09-08	2017-09-08
2017-09-09	2017-09-09
2017-09-10	2017-09-10
2017-09-14	2017-09-14
2017-09-15	2017-09-15
2017-09-16	2017-09-16
2017-09-17	2017-09-17
2017-09-18	2017-09-18
2017-09-19	2017-09-19
2017-09-20	2017-09-20
2017-09-24	2017-09-24
2017-09-25	2017-09-25
2017-09-27	2017-09-27
2017-09-28	2017-09-28
2017-09-29	2017-09-29
2017-10-01	2017-10-01
2017-10-04	2017-10-04
2017-10-05	2017-10-05
2017-10-08	2017-10-08
2017-10-10	2017-10-10

2017-10-15	2017-10-15
2017-10-18	2017-10-18
2017-10-19	2017-10-19
2017-10-23	2017-10-23
2017-10-24	2017-10-24
2017-10-28	2017-10-28
2017-10-31	2017-10-31
2018-07-24	2018-07-24
2018-08-06	2018-08-06
2018-08-08	2018-08-08
2018-08-10	2018-08-10
2018-08-12	2018-08-12
2018-08-13	2018-08-13
2018-08-15	2018-08-15
2018-08-16	2018-08-16
2018-08-19	2018-08-19
2018-08-20	2018-08-20
2018-08-22	2018-08-22
2018-08-23	2018-08-23
2018-08-24	2018-08-24
2018-08-25	2018-08-25
2018-08-27	2018-08-27
2018-08-28	2018-08-28
2018-08-30	2018-08-30
2018-08-31	2018-08-31
2018-09-01	2018-09-01
2018-09-02	2018-09-02
2018-09-03	2018-09-03
2018-09-04	2018-09-04
2018-09-05	2018-09-05
2018-09-06	2018-09-06
2018-09-07	2018-09-07
2018-09-08	2018-09-08
2018-09-09	2018-09-09
2018-09-10	2018-09-10
2018-09-11	2018-09-11
2018-09-14	2018-09-14
2018-09-15	2018-09-15
2018-09-17	2018-09-17

2018-09-18	2018-09-18
2018-09-20	2018-09-20
2018-09-22	2018-09-22
2018-09-23	2018-09-23
2018-09-24	2018-09-24
2018-09-25	2018-09-25
2018-09-27	2018-09-27
2018-09-28	2018-09-28
2018-09-30	2018-09-30
2018-10-01	2018-10-01
2018-10-02	2018-10-02
2018-10-04	2018-10-04
2018-10-05	2018-10-05
2018-10-06	2018-10-06
2018-10-07	2018-10-07
2018-10-10	2018-10-10
2018-10-12	2018-10-12
2018-10-13	2018-10-13
2018-10-14	2018-10-14
2018-10-17	2018-10-17
2018-10-20	2018-10-20
2018-10-26	2018-10-26
2018-11-01	2018-11-01
2018-11-04	2018-11-04
2018-11-14	2018-11-14
2019-07-28	2019-07-28
2019-07-31	2019-07-31
2019-08-01	2019-08-01
2019-08-02	2019-08-02
2019-08-03	2019-08-03
2019-08-06	2019-08-06
2019-08-08	2019-08-08
2019-08-10	2019-08-10
2019-08-12	2019-08-12
2019-08-14	2019-08-14
2019-08-15	2019-08-15
2019-08-16	2019-08-16
2019-08-19	2019-08-19
2019-08-20	2019-08-20

2019-08-24	2019-08-24
2019-08-25	2019-08-25
2019-08-26	2019-08-26
2019-08-27	2019-08-27
2019-08-28	2019-08-28
2019-08-30	2019-08-30
2019-09-02	2019-09-02
2019-09-04	2019-09-04
2019-09-05	2019-09-05
2019-09-09	2019-09-09
2019-09-10	2019-09-10
2019-09-15	2019-09-15
2019-09-16	2019-09-16
2019-09-17	2019-09-17
2019-09-18	2019-09-18
2019-09-20	2019-09-20
2019-09-24	2019-09-24
2019-09-25	2019-09-25
2019-09-27	2019-09-27
2019-09-28	2019-09-28
2019-09-30	2019-09-30
2019-10-01	2019-10-01
2019-10-07	2019-10-07
2019-10-10	2019-10-10
2019-10-12	2019-10-12
2019-10-20	2019-10-20

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

Data file: fertilizers

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 0.15 - 520 Format: Numeric

Q229CE: Q229C e. Unit of quantity

Data file: fertilizers

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

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

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

Data file: fertilizers

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 460 Format: Numeric

Q229CG: Q229C g. Percentage N (in %)

Data file: fertilizers

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 2 - 46 Format: Numeric

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

Data file: fertilizers

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 30 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 - 32 Format: Numeric

Q229CJ: Q229C j. Equipment type

Data file: fertilizers

Overview

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

Questions and instructions

CATEGORIES

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

HARVESTYEAR: Data collection wave

Data file: Farm_level_data

Overview

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

REGION: Syngenta's definition of Region

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
apac	apac

TERRITORY: Syngenta's definition of Territory

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
asia south east	asia south east

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

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
A	A
B	B

CLUSTERID: Unique cluster ID

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
malaysiarice1	malaysiarice1

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
Malaysia	Malaysia

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
26100100	26100100
26100300	26100300
26100700	26100700
26101100	26101100
26101700	26101700
26200100	26200100
26200200	26200200
26200300	26200300
26200400	26200400
26200500	26200500
26200600	26200600
26200700	26200700
26200800	26200800
26200900	26200900
26201000	26201000
26201100	26201100
26201200	26201200
26201300	26201300
26201400	26201400
26201500	26201500
26201600	26201600

26201700	26201700
26201800	26201800
26201900	26201900
26202000	26202000
26202100	26202100
26202200	26202200
26202300	26202300

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

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: 0.3 - 1.41 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: 1 - 1.41 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 - 1.41 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: 0.68 - 6.88 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 - 11.5384615384615 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: 6.98214285714286 - 164.117647058824 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: 1.93339366515837 - 96.3855421686747 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: 4.10714285714286 - 79.3382352941177 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: 15.2671755725191 - 205.882352941176 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 - 5.7347972972973 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 - 3.84121621621622 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 - 1.89189189189189 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 - 0.378202247191011 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: 9049.90757855822 - 113066.666666667 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: 4.3030893650412 - 638.49765258216 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: 1.11252383979657 - 525.821596244132 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 - 75 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 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	non-user
2	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
2014-06-01	2014-06-01
2014-06-02	2014-06-02
2014-06-04	2014-06-04
2014-06-08	2014-06-08
2014-06-09	2014-06-09
2014-06-12	2014-06-12
2014-06-17	2014-06-17
2014-06-19	2014-06-19
2014-06-20	2014-06-20
2014-06-23	2014-06-23
2014-06-24	2014-06-24
2014-06-26	2014-06-26
2014-06-27	2014-06-27
2014-07-06	2014-07-06
2014-07-15	2014-07-15
2015-05-23	2015-05-23
2015-05-25	2015-05-25
2015-05-28	2015-05-28
2015-06-01	2015-06-01

2015-06-03	2015-06-03
2015-07-23	2015-07-23
2016-05-05	2016-05-05
2016-05-10	2016-05-10
2016-05-15	2016-05-15
2016-05-17	2016-05-17
2016-05-25	2016-05-25
2016-05-30	2016-05-30
2016-06-01	2016-06-01
2016-06-10	2016-06-10
2016-06-26	2016-06-26
2016-07-13	2016-07-13
2017-06-16	2017-06-16
2017-06-18	2017-06-18
2017-06-20	2017-06-20
2017-06-23	2017-06-23
2017-06-25	2017-06-25
2017-06-27	2017-06-27
2017-06-29	2017-06-29
2017-06-30	2017-06-30
2017-07-01	2017-07-01
2017-07-02	2017-07-02
2017-07-05	2017-07-05
2017-07-06	2017-07-06
2017-07-23	2017-07-23
2017-07-25	2017-07-25
2017-07-26	2017-07-26
2017-07-31	2017-07-31
2018-06-06	2018-06-06
2018-06-10	2018-06-10
2018-06-22	2018-06-22
2018-06-24	2018-06-24
2018-06-28	2018-06-28
2018-06-30	2018-06-30
2018-07-01	2018-07-01
2018-07-03	2018-07-03
2018-07-05	2018-07-05
2018-07-06	2018-07-06
2018-07-08	2018-07-08

2018-07-11	2018-07-11
2018-07-20	2018-07-20
2018-07-22	2018-07-22
2018-07-28	2018-07-28
2018-08-14	2018-08-14
2019-06-05	2019-06-05
2019-06-10	2019-06-10
2019-06-15	2019-06-15
2019-06-19	2019-06-19
2019-06-20	2019-06-20
2019-06-21	2019-06-21
2019-06-25	2019-06-25
2019-06-28	2019-06-28
2019-07-01	2019-07-01
2019-07-03	2019-07-03
2019-07-07	2019-07-07
2019-07-09	2019-07-09
2019-07-10	2019-07-10
2019-07-17	2019-07-17

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
2014-06-19	2014-06-19
2014-06-20	2014-06-20
2014-06-22	2014-06-22
2014-06-23	2014-06-23
2014-06-25	2014-06-25
2014-06-26	2014-06-26
2014-06-29	2014-06-29
2014-07-01	2014-07-01

2014-07-03	2014-07-03
2014-07-05	2014-07-05
2014-07-10	2014-07-10
2014-07-26	2014-07-26
2014-08-01	2014-08-01
2014-08-03	2014-08-03
2014-08-07	2014-08-07
2015-07-23	2015-07-23
2015-07-25	2015-07-25
2015-07-30	2015-07-30
2015-07-31	2015-07-31
2015-08-01	2015-08-01
2015-08-02	2015-08-02
2015-08-03	2015-08-03
2015-08-04	2015-08-04
2015-08-06	2015-08-06
2015-08-07	2015-08-07
2015-08-09	2015-08-09
2015-08-14	2015-08-14
2016-07-04	2016-07-04
2016-07-13	2016-07-13
2016-07-14	2016-07-14
2016-07-15	2016-07-15
2016-07-20	2016-07-20
2016-07-22	2016-07-22
2016-07-23	2016-07-23
2016-07-30	2016-07-30
2016-08-11	2016-08-11
2016-08-13	2016-08-13
2016-08-14	2016-08-14
2016-08-21	2016-08-21
2016-08-23	2016-08-23
2017-07-18	2017-07-18
2017-07-22	2017-07-22
2017-07-25	2017-07-25
2017-07-28	2017-07-28
2017-07-30	2017-07-30
2017-07-31	2017-07-31
2017-08-02	2017-08-02

2017-08-03	2017-08-03
2017-08-04	2017-08-04
2017-08-08	2017-08-08
2017-08-10	2017-08-10
2017-08-11	2017-08-11
2017-08-17	2017-08-17
2018-07-10	2018-07-10
2018-07-12	2018-07-12
2018-07-22	2018-07-22
2018-07-23	2018-07-23
2018-07-24	2018-07-24
2018-07-26	2018-07-26
2018-07-28	2018-07-28
2018-07-29	2018-07-29
2018-07-30	2018-07-30
2018-08-01	2018-08-01
2018-08-02	2018-08-02
2018-08-04	2018-08-04
2018-08-06	2018-08-06
2018-08-07	2018-08-07
2018-08-10	2018-08-10
2018-08-16	2018-08-16
2018-08-19	2018-08-19
2018-08-28	2018-08-28
2018-08-29	2018-08-29
2019-07-10	2019-07-10
2019-07-11	2019-07-11
2019-07-12	2019-07-12
2019-07-13	2019-07-13
2019-07-15	2019-07-15
2019-07-16	2019-07-16
2019-07-17	2019-07-17
2019-07-21	2019-07-21
2019-07-22	2019-07-22
2019-07-23	2019-07-23
2019-07-25	2019-07-25
2019-07-26	2019-07-26
2019-07-30	2019-07-30
2019-07-31	2019-07-31

2019-08-01	2019-08-01

HARVEST_BEGIN: Date when harvest started

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-10-20	2014-10-20
2014-10-21	2014-10-21
2014-10-23	2014-10-23
2014-10-25	2014-10-25
2014-10-28	2014-10-28
2014-10-29	2014-10-29
2014-11-01	2014-11-01
2014-11-04	2014-11-04
2014-11-08	2014-11-08
2014-11-10	2014-11-10
2014-11-17	2014-11-17
2014-11-22	2014-11-22
2014-11-26	2014-11-26
2014-11-30	2014-11-30
2015-11-12	2015-11-12
2015-11-15	2015-11-15
2015-11-16	2015-11-16
2015-11-17	2015-11-17
2015-11-18	2015-11-18
2015-11-26	2015-11-26
2015-11-28	2015-11-28
2015-11-29	2015-11-29
2015-12-02	2015-12-02
2015-12-03	2015-12-03
2015-12-06	2015-12-06
2016-11-01	2016-11-01

2016-11-02	2016-11-02
2016-11-08	2016-11-08
2016-11-10	2016-11-10
2016-11-13	2016-11-13
2016-11-14	2016-11-14
2016-11-15	2016-11-15
2016-11-16	2016-11-16
2016-11-17	2016-11-17
2016-11-20	2016-11-20
2016-11-21	2016-11-21
2016-11-22	2016-11-22
2016-11-24	2016-11-24
2016-12-08	2016-12-08
2017-11-08	2017-11-08
2017-11-18	2017-11-18
2017-11-19	2017-11-19
2017-11-20	2017-11-20
2017-11-21	2017-11-21
2017-11-25	2017-11-25
2017-12-03	2017-12-03
2017-12-05	2017-12-05
2017-12-08	2017-12-08
2017-12-12	2017-12-12
2017-12-15	2017-12-15
2017-12-16	2017-12-16
2017-12-19	2017-12-19
2017-12-20	2017-12-20
2018-11-01	2018-11-01
2018-11-04	2018-11-04
2018-11-10	2018-11-10
2018-11-11	2018-11-11
2018-11-12	2018-11-12
2018-11-13	2018-11-13
2018-11-14	2018-11-14
2018-11-16	2018-11-16
2018-11-17	2018-11-17
2018-11-20	2018-11-20
2018-11-21	2018-11-21
2018-11-22	2018-11-22

2018-12-08	2018-12-08
2018-12-11	2018-12-11
2018-12-18	2018-12-18
2019-10-24	2019-10-24
2019-10-30	2019-10-30
2019-10-31	2019-10-31
2019-11-02	2019-11-02
2019-11-05	2019-11-05
2019-11-06	2019-11-06
2019-11-07	2019-11-07
2019-11-08	2019-11-08
2019-11-09	2019-11-09
2019-11-13	2019-11-13
2019-11-14	2019-11-14
2019-11-15	2019-11-15
2019-11-16	2019-11-16
2019-11-19	2019-11-19
2019-11-23	2019-11-23
2019-11-24	2019-11-24
2019-11-26	2019-11-26
2019-12-03	2019-12-03

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
2014-10-20	2014-10-20
2014-10-21	2014-10-21
2014-10-23	2014-10-23
2014-10-25	2014-10-25
2014-10-28	2014-10-28
2014-10-29	2014-10-29

2014-11-01	2014-11-01
2014-11-04	2014-11-04
2014-11-08	2014-11-08
2014-11-10	2014-11-10
2014-11-17	2014-11-17
2014-11-22	2014-11-22
2014-11-26	2014-11-26
2014-11-30	2014-11-30
2015-11-12	2015-11-12
2015-11-15	2015-11-15
2015-11-16	2015-11-16
2015-11-17	2015-11-17
2015-11-18	2015-11-18
2015-11-26	2015-11-26
2015-11-28	2015-11-28
2015-11-29	2015-11-29
2015-12-02	2015-12-02
2015-12-04	2015-12-04
2015-12-06	2015-12-06
2016-11-01	2016-11-01
2016-11-02	2016-11-02
2016-11-08	2016-11-08
2016-11-10	2016-11-10
2016-11-13	2016-11-13
2016-11-14	2016-11-14
2016-11-15	2016-11-15
2016-11-16	2016-11-16
2016-11-17	2016-11-17
2016-11-20	2016-11-20
2016-11-21	2016-11-21
2016-11-22	2016-11-22
2016-11-24	2016-11-24
2016-12-08	2016-12-08
2017-11-08	2017-11-08
2017-11-18	2017-11-18
2017-11-19	2017-11-19
2017-11-20	2017-11-20
2017-11-21	2017-11-21
2017-11-25	2017-11-25

2017-12-03	2017-12-03
2017-12-05	2017-12-05
2017-12-08	2017-12-08
2017-12-12	2017-12-12
2017-12-15	2017-12-15
2017-12-16	2017-12-16
2017-12-19	2017-12-19
2017-12-20	2017-12-20
2018-11-01	2018-11-01
2018-11-04	2018-11-04
2018-11-10	2018-11-10
2018-11-11	2018-11-11
2018-11-12	2018-11-12
2018-11-13	2018-11-13
2018-11-14	2018-11-14
2018-11-16	2018-11-16
2018-11-17	2018-11-17
2018-11-20	2018-11-20
2018-11-21	2018-11-21
2018-11-22	2018-11-22
2018-12-08	2018-12-08
2018-12-11	2018-12-11
2018-12-18	2018-12-18
2019-10-30	2019-10-30
2019-10-31	2019-10-31
2019-11-02	2019-11-02
2019-11-05	2019-11-05
2019-11-06	2019-11-06
2019-11-07	2019-11-07
2019-11-08	2019-11-08
2019-11-09	2019-11-09
2019-11-13	2019-11-13
2019-11-14	2019-11-14
2019-11-15	2019-11-15
2019-11-16	2019-11-16
2019-11-19	2019-11-19
2019-11-23	2019-11-23
2019-11-24	2019-11-24
2019-11-26	2019-11-26

2019-12-03	2019-12-03

TERRITORY: Syngenta definition of territory (sub-region)

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
asia south east	asia south east

COUNTRY: Country

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Malaysia	Malaysia

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
malaysiarice1	malaysiarice1

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
26100100	26100100
26100300	26100300
26100700	26100700
26101100	26101100
26101700	26101700
26200100	26200100
26200200	26200200
26200300	26200300
26200400	26200400
26200500	26200500
26200600	26200600
26200700	26200700
26200800	26200800
26200900	26200900
26201000	26201000
26201100	26201100
26201200	26201200
26201300	26201300
26201400	26201400
26201500	26201500
26201600	26201600
26201700	26201700
26201800	26201800
26201900	26201900
26202000	26202000
26202100	26202100
26202200	26202200
26202300	26202300

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 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	very useful
2	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
rice	rice

Q56A2_3: Q56A2. Growing area changed from previous year- Sold or rented that 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	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

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

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 1 - 10 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: 1928 - 1992 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: 8 - 19 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: 4 - 46 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
03	03
04	04
05	05
06	06
07	07
08	08

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 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	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 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	no

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 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	no

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no

Q65: Q65. Do you practice intercropping for ?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	sandy clay soil
2	silty clay soil
3	clay soil
4	clay loam soil
5	silty clay loam soil
6	silt soil

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

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

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	moist
2	dry

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	good drainage
2	poor drainage

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q55E2_1: Q55E2. Who organized this training? Syngenta representative

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q55E2_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_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 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	rather 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

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_96: Q54. Where do you deposit the rest water after spraying? Other specify 1:

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	Mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
At home	At home
Keep it in the store	Keep it in the store
Keep it in the store room	Keep it in the store room
Store it at home	Store it at home
Use it on the limit crop where there's grass growing	Use it on the limit crop where there's grass growing
Usually we will finish all the chemicals spraying it. We try not to keep balance.	Usually we will finish all the chemicals spraying it. We try not to keep balance.
use it till finish at the rice field	use it till finish at the rice field
use it until it's finished in the rice field	use it until it's finished in the rice field

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-06-01	2014-06-01
2014-06-02	2014-06-02
2014-06-04	2014-06-04
2014-06-08	2014-06-08
2014-06-09	2014-06-09
2014-06-12	2014-06-12
2014-06-17	2014-06-17
2014-06-19	2014-06-19
2014-06-20	2014-06-20
2014-06-23	2014-06-23
2014-06-24	2014-06-24
2014-06-26	2014-06-26
2014-06-27	2014-06-27
2014-07-06	2014-07-06
2014-07-15	2014-07-15
2016-05-05	2016-05-05
2016-05-10	2016-05-10
2016-05-15	2016-05-15
2016-05-17	2016-05-17
2016-05-25	2016-05-25
2016-05-30	2016-05-30
2016-06-01	2016-06-01
2016-06-10	2016-06-10
2016-06-26	2016-06-26
2016-07-13	2016-07-13
2017-06-16	2017-06-16
2017-06-18	2017-06-18
2017-06-20	2017-06-20
2017-06-23	2017-06-23
2017-06-25	2017-06-25
2017-06-27	2017-06-27
2017-06-29	2017-06-29

2017-06-30	2017-06-30
2017-07-01	2017-07-01
2017-07-02	2017-07-02
2017-07-05	2017-07-05
2017-07-06	2017-07-06
2017-07-23	2017-07-23
2017-07-25	2017-07-25
2017-07-26	2017-07-26
2017-07-31	2017-07-31
2018-06-06	2018-06-06
2018-06-10	2018-06-10
2018-06-22	2018-06-22
2018-06-24	2018-06-24
2018-06-28	2018-06-28
2018-06-30	2018-06-30
2018-07-01	2018-07-01
2018-07-03	2018-07-03
2018-07-05	2018-07-05
2018-07-06	2018-07-06
2018-07-08	2018-07-08
2018-07-11	2018-07-11
2018-07-20	2018-07-20
2018-07-22	2018-07-22
2018-07-28	2018-07-28
2018-08-14	2018-08-14
2019-06-05	2019-06-05
2019-06-10	2019-06-10
2019-06-15	2019-06-15
2019-06-19	2019-06-19
2019-06-20	2019-06-20
2019-06-21	2019-06-21
2019-06-25	2019-06-25
2019-06-28	2019-06-28
2019-07-01	2019-07-01
2019-07-03	2019-07-03
2019-07-07	2019-07-07
2019-07-09	2019-07-09
2019-07-10	2019-07-10
2019-07-17	2019-07-17

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: 40 - 300 Format: Numeric

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-06-19	2014-06-19
2014-06-20	2014-06-20
2014-06-22	2014-06-22
2014-06-23	2014-06-23
2014-06-25	2014-06-25
2014-06-26	2014-06-26
2014-06-29	2014-06-29
2014-07-01	2014-07-01

2014-07-03	2014-07-03
2014-07-05	2014-07-05
2014-07-10	2014-07-10
2014-07-26	2014-07-26
2014-08-01	2014-08-01
2014-08-03	2014-08-03
2014-08-07	2014-08-07
2016-07-04	2016-07-04
2016-07-13	2016-07-13
2016-07-14	2016-07-14
2016-07-15	2016-07-15
2016-07-20	2016-07-20
2016-07-22	2016-07-22
2016-07-23	2016-07-23
2016-07-30	2016-07-30
2016-08-11	2016-08-11
2016-08-13	2016-08-13
2016-08-14	2016-08-14
2016-08-21	2016-08-21
2016-08-23	2016-08-23
2017-07-18	2017-07-18
2017-07-22	2017-07-22
2017-07-25	2017-07-25
2017-07-28	2017-07-28
2017-07-30	2017-07-30
2017-07-31	2017-07-31
2017-08-02	2017-08-02
2017-08-03	2017-08-03
2017-08-04	2017-08-04
2017-08-08	2017-08-08
2017-08-10	2017-08-10
2017-08-11	2017-08-11
2017-08-17	2017-08-17
2018-07-10	2018-07-10
2018-07-12	2018-07-12
2018-07-22	2018-07-22
2018-07-23	2018-07-23
2018-07-24	2018-07-24
2018-07-26	2018-07-26

2018-07-28	2018-07-28
2018-07-29	2018-07-29
2018-07-30	2018-07-30
2018-08-01	2018-08-01
2018-08-02	2018-08-02
2018-08-04	2018-08-04
2018-08-06	2018-08-06
2018-08-07	2018-08-07
2018-08-10	2018-08-10
2018-08-16	2018-08-16
2018-08-19	2018-08-19
2018-08-28	2018-08-28
2018-08-29	2018-08-29
2019-07-10	2019-07-10
2019-07-11	2019-07-11
2019-07-12	2019-07-12
2019-07-13	2019-07-13
2019-07-15	2019-07-15
2019-07-16	2019-07-16
2019-07-17	2019-07-17
2019-07-21	2019-07-21
2019-07-22	2019-07-22
2019-07-23	2019-07-23
2019-07-25	2019-07-25
2019-07-26	2019-07-26
2019-07-30	2019-07-30
2019-07-31	2019-07-31
2019-08-01	2019-08-01

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	no

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	none

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

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

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q224: Q224. Do you apply organic fertilizers for ?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

Q226: Q226. Do you apply chemical fertilizers for ?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	yes

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 1 - 9 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 - 3 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 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	low
2	no pressure
3	medium
4	high

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 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	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 - 21 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: 358 - 420 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 - 30 Format: Numeric

Q243A: Q243. When was the harvest period for ?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-10-20	2014-10-20

2014-10-21	2014-10-21
2014-10-23	2014-10-23
2014-10-25	2014-10-25
2014-10-28	2014-10-28
2014-10-29	2014-10-29
2014-11-01	2014-11-01
2014-11-04	2014-11-04
2014-11-08	2014-11-08
2014-11-10	2014-11-10
2014-11-17	2014-11-17
2014-11-22	2014-11-22
2014-11-26	2014-11-26
2014-11-30	2014-11-30
2016-11-01	2016-11-01
2016-11-02	2016-11-02
2016-11-08	2016-11-08
2016-11-10	2016-11-10
2016-11-13	2016-11-13
2016-11-14	2016-11-14
2016-11-15	2016-11-15
2016-11-16	2016-11-16
2016-11-17	2016-11-17
2016-11-20	2016-11-20
2016-11-21	2016-11-21
2016-11-22	2016-11-22
2016-11-24	2016-11-24
2016-12-08	2016-12-08
2017-11-08	2017-11-08
2017-11-18	2017-11-18
2017-11-19	2017-11-19
2017-11-20	2017-11-20
2017-11-21	2017-11-21
2017-11-25	2017-11-25
2017-12-03	2017-12-03
2017-12-05	2017-12-05
2017-12-08	2017-12-08
2017-12-12	2017-12-12
2017-12-15	2017-12-15
2017-12-16	2017-12-16

2017-12-19	2017-12-19
2017-12-20	2017-12-20
2018-11-01	2018-11-01
2018-11-04	2018-11-04
2018-11-10	2018-11-10
2018-11-11	2018-11-11
2018-11-12	2018-11-12
2018-11-13	2018-11-13
2018-11-14	2018-11-14
2018-11-16	2018-11-16
2018-11-17	2018-11-17
2018-11-20	2018-11-20
2018-11-21	2018-11-21
2018-11-22	2018-11-22
2018-12-08	2018-12-08
2018-12-11	2018-12-11
2018-12-18	2018-12-18
2019-10-24	2019-10-24
2019-10-30	2019-10-30
2019-10-31	2019-10-31
2019-11-02	2019-11-02
2019-11-05	2019-11-05
2019-11-06	2019-11-06
2019-11-07	2019-11-07
2019-11-08	2019-11-08
2019-11-09	2019-11-09
2019-11-13	2019-11-13
2019-11-14	2019-11-14
2019-11-15	2019-11-15
2019-11-16	2019-11-16
2019-11-19	2019-11-19
2019-11-23	2019-11-23
2019-11-24	2019-11-24
2019-11-26	2019-11-26
2019-12-03	2019-12-03

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
2014-10-20	2014-10-20
2014-10-21	2014-10-21
2014-10-23	2014-10-23
2014-10-25	2014-10-25
2014-10-28	2014-10-28
2014-10-29	2014-10-29
2014-11-01	2014-11-01
2014-11-04	2014-11-04
2014-11-08	2014-11-08
2014-11-10	2014-11-10
2014-11-17	2014-11-17
2014-11-22	2014-11-22
2014-11-26	2014-11-26
2014-11-30	2014-11-30
2016-11-01	2016-11-01
2016-11-02	2016-11-02
2016-11-08	2016-11-08
2016-11-10	2016-11-10
2016-11-13	2016-11-13
2016-11-14	2016-11-14
2016-11-15	2016-11-15
2016-11-16	2016-11-16
2016-11-17	2016-11-17
2016-11-20	2016-11-20
2016-11-21	2016-11-21
2016-11-22	2016-11-22
2016-11-24	2016-11-24
2016-12-08	2016-12-08
2017-11-08	2017-11-08
2017-11-18	2017-11-18
2017-11-19	2017-11-19
2017-11-20	2017-11-20

2017-11-21	2017-11-21
2017-11-25	2017-11-25
2017-12-03	2017-12-03
2017-12-05	2017-12-05
2017-12-08	2017-12-08
2017-12-12	2017-12-12
2017-12-15	2017-12-15
2017-12-16	2017-12-16
2017-12-19	2017-12-19
2017-12-20	2017-12-20
2018-11-01	2018-11-01
2018-11-04	2018-11-04
2018-11-10	2018-11-10
2018-11-11	2018-11-11
2018-11-12	2018-11-12
2018-11-13	2018-11-13
2018-11-14	2018-11-14
2018-11-16	2018-11-16
2018-11-17	2018-11-17
2018-11-20	2018-11-20
2018-11-21	2018-11-21
2018-11-22	2018-11-22
2018-12-08	2018-12-08
2018-12-11	2018-12-11
2018-12-18	2018-12-18
2019-10-30	2019-10-30
2019-10-31	2019-10-31
2019-11-02	2019-11-02
2019-11-05	2019-11-05
2019-11-06	2019-11-06
2019-11-07	2019-11-07
2019-11-08	2019-11-08
2019-11-09	2019-11-09
2019-11-13	2019-11-13
2019-11-14	2019-11-14
2019-11-15	2019-11-15
2019-11-16	2019-11-16
2019-11-19	2019-11-19
2019-11-23	2019-11-23

2019-11-24	2019-11-24
2019-11-26	2019-11-26
2019-12-03	2019-12-03

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 0.68 - 6.88 Format: Numeric

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_4: Q4094. Who measured the yield on each of the growing areas? Independent advisor

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q4094_96: Q4094. Who measured the yield on each of the growing areas? Other specify1

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q4094_99: Q4094. Who measured the yield on each of the growing areas? Don’t know / no answer

Data file: Global_farm_data

Overview

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

Questions and instructions

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 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	very unsatisfied
2	somewhat satisfied
3	somewhat unsatisfied

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

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
2014-10-20	2014-10-20
2014-10-21	2014-10-21
2014-10-23	2014-10-23
2014-10-25	2014-10-25
2014-10-28	2014-10-28
2014-10-29	2014-10-29
2014-11-01	2014-11-01
2014-11-04	2014-11-04
2014-11-08	2014-11-08
2014-11-10	2014-11-10
2014-11-17	2014-11-17
2014-11-22	2014-11-22
2014-11-26	2014-11-26
2014-11-30	2014-11-30

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
2014-10-20	2014-10-20

2014-10-21	2014-10-21
2014-10-23	2014-10-23
2014-10-25	2014-10-25
2014-10-28	2014-10-28
2014-10-29	2014-10-29
2014-11-01	2014-11-01
2014-11-04	2014-11-04
2014-11-08	2014-11-08
2014-11-10	2014-11-10
2014-11-17	2014-11-17
2014-11-22	2014-11-22
2014-11-26	2014-11-26
2014-11-30	2014-11-30

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-10-20	2014-10-20
2014-10-21	2014-10-21
2014-10-23	2014-10-23
2014-10-25	2014-10-25
2014-10-28	2014-10-28
2014-10-29	2014-10-29
2014-11-01	2014-11-01
2014-11-04	2014-11-04
2014-11-08	2014-11-08
2014-11-10	2014-11-10
2014-11-17	2014-11-17
2014-11-22	2014-11-22
2014-11-26	2014-11-26
2014-11-30	2014-11-30

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
2014-10-20	2014-10-20
2014-10-21	2014-10-21
2014-10-23	2014-10-23
2014-10-25	2014-10-25
2014-10-28	2014-10-28
2014-10-29	2014-10-29
2014-11-01	2014-11-01
2014-11-04	2014-11-04
2014-11-08	2014-11-08
2014-11-10	2014-11-10
2014-11-17	2014-11-17
2014-11-22	2014-11-22
2014-11-26	2014-11-26
2014-11-30	2014-11-30

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-10-20	2014-10-20
2014-10-21	2014-10-21

2014-10-23	2014-10-23
2014-10-25	2014-10-25
2014-10-28	2014-10-28
2014-10-29	2014-10-29
2014-11-01	2014-11-01
2014-11-04	2014-11-04
2014-11-08	2014-11-08
2014-11-10	2014-11-10
2014-11-17	2014-11-17
2014-11-22	2014-11-22
2014-11-26	2014-11-26
2014-11-30	2014-11-30

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
2014-10-20	2014-10-20
2014-10-21	2014-10-21
2014-10-23	2014-10-23
2014-10-25	2014-10-25
2014-10-28	2014-10-28
2014-10-29	2014-10-29
2014-11-01	2014-11-01
2014-11-04	2014-11-04
2014-11-08	2014-11-08
2014-11-10	2014-11-10
2014-11-17	2014-11-17
2014-11-22	2014-11-22
2014-11-26	2014-11-26
2014-11-30	2014-11-30

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 3 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: 97 - 100 Format: Numeric

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	i leave the crop residue on the field
2	i burn the crop residue

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: 1003.2 - 10324.5 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: 600 - 7000 Format: Numeric

Q379: Q379.A Can you please explain your answer for ?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	average
2	low
3	very low
4	high

Q380: Q380. What is your total input cost for from first field preparation until harvest?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 386 - 4697 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: 100 - 900 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 - 330 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 - 1393 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 - 1110 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 - 1568 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 - 296 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 - 800 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 - 1800 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 - 1000 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: 4.4 - 25.08 Format: Numeric

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 27.8 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 - 59.7 Format: Numeric

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 49.95 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: 14 - 61.5 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: 0.02 - 23.33 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 - 13.9 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 - 60 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 - 12.44 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 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	the same as usual
2	somewhat lower than usual

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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 - 2 Format: Numeric

Questions and instructions

CATEGORIES

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

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 20 - 187 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: 2 - 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: 24 - 24 Format: Numeric

Q7016: Q7016. Please indicate what percentage of the area is irrigated for

Data file: Global_farm_data

Overview

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

Q7017: Q7017. Which method of irrigation did you apply for ?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	flooding the area

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

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

DATE1: field preparation

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2019-06-05	2019-06-05
2019-06-10	2019-06-10
2019-06-15	2019-06-15
2019-06-19	2019-06-19
2019-06-20	2019-06-20
2019-06-21	2019-06-21
2019-06-25	2019-06-25
2019-06-28	2019-06-28
2019-07-01	2019-07-01
2019-07-03	2019-07-03
2019-07-07	2019-07-07
2019-07-09	2019-07-09
2019-07-10	2019-07-10
2019-07-17	2019-07-17

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
2019-07-10	2019-07-10
2019-07-11	2019-07-11

2019-07-12	2019-07-12
2019-07-13	2019-07-13
2019-07-15	2019-07-15
2019-07-16	2019-07-16
2019-07-17	2019-07-17
2019-07-21	2019-07-21
2019-07-22	2019-07-22
2019-07-23	2019-07-23
2019-07-25	2019-07-25
2019-07-26	2019-07-26
2019-07-30	2019-07-30
2019-07-31	2019-07-31
2019-08-01	2019-08-01

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
2019-10-24	2019-10-24
2019-10-30	2019-10-30
2019-10-31	2019-10-31
2019-11-02	2019-11-02
2019-11-05	2019-11-05
2019-11-06	2019-11-06
2019-11-07	2019-11-07
2019-11-08	2019-11-08
2019-11-09	2019-11-09
2019-11-13	2019-11-13
2019-11-14	2019-11-14
2019-11-15	2019-11-15
2019-11-16	2019-11-16
2019-11-19	2019-11-19

2019-11-23	2019-11-23
2019-11-24	2019-11-24
2019-11-26	2019-11-26
2019-12-03	2019-12-03

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
2019-10-30	2019-10-30
2019-10-31	2019-10-31
2019-11-02	2019-11-02
2019-11-05	2019-11-05
2019-11-06	2019-11-06
2019-11-07	2019-11-07
2019-11-08	2019-11-08
2019-11-09	2019-11-09
2019-11-13	2019-11-13
2019-11-14	2019-11-14
2019-11-15	2019-11-15
2019-11-16	2019-11-16
2019-11-19	2019-11-19
2019-11-23	2019-11-23
2019-11-24	2019-11-24
2019-11-26	2019-11-26
2019-12-03	2019-12-03

HARVESTYEAR: Data collection wave

Data file: Global_farm_data

Overview

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

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-06-01	2014-06-01
2014-06-02	2014-06-02
2014-06-04	2014-06-04
2014-06-08	2014-06-08
2014-06-09	2014-06-09
2014-06-12	2014-06-12
2014-06-17	2014-06-17
2014-06-19	2014-06-19
2014-06-20	2014-06-20
2014-06-23	2014-06-23
2014-06-24	2014-06-24
2014-06-26	2014-06-26
2014-06-27	2014-06-27
2014-07-06	2014-07-06
2014-07-15	2014-07-15

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
2014-06-19	2014-06-19

2014-06-20	2014-06-20
2014-06-22	2014-06-22
2014-06-23	2014-06-23
2014-06-25	2014-06-25
2014-06-26	2014-06-26
2014-06-29	2014-06-29
2014-07-01	2014-07-01
2014-07-03	2014-07-03
2014-07-05	2014-07-05
2014-07-10	2014-07-10
2014-07-26	2014-07-26
2014-08-01	2014-08-01
2014-08-03	2014-08-03
2014-08-07	2014-08-07

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_96: q4000_96. To whom do you sell your yield -Other. Specify 1:

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category

1	not mentioned
2	mentioned

Q4000_99: q4000_99. To whom do you sell your yield -Don’t know / no answer

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
BERNAS	BERNAS
I sell it to BERNAS	I sell it to BERNAS
I sell it to JELAPANG SELATAN	I sell it to JELAPANG SELATAN
SELL TO SYARIKAT PADI JELAPANG SELATAN	SELL TO SYARIKAT PADI JELAPANG SELATAN

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q389_5: q389_5. Which water source has been used for irrigation? Public lake, pond

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q389_6: q389_6. Which water source has been used for irrigation? Rainwater in a tank

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q389_96: q389_96. Which water source has been used for irrigation? Other specify 1:

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q389_OTH1: q389_96. Which water source has been used for irrigation? Other specify 1:

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
DAM	DAM
DRAINAGE	DRAINAGE
EMPANGAN	EMPANGAN

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
-FROM SLIGHTLY LESS EFFECTIVE IN TERMS OF MEASUREMENT, IT'S ALWAYS HAD TO EACH FARMER DOS FOR ADDING MORE EFFECTIVE	-FROM SLIGHTLY LESS EFFECTIVE IN TERMS OF MEASUREMENT, IT'S ALWAYS HAD TO EACH FARMER DOS FOR ADDING MORE EFFECTIVE
-JUST PARTICIPATE IN TERMS OF SAFETY. -FROM SLIGHTLY LESS EFFECTIVE IN TERMS OF MEASUREMENT, IT'S ALWAYS HAD TO EACH FARMER DOS FOR ADDING MORE EFFECTIVE	-JUST PARTICIPATE IN TERMS OF SAFETY. -FROM SLIGHTLY LESS EFFECTIVE IN TERMS OF MEASUREMENT, IT'S ALWAYS HAD TO EACH FARMER DOS FOR ADDING MORE EFFECTIVE
Agriculture executives visit us after we done everything	Agriculture executives visit us after we done everything

DOSAGE OF POISON ARE NOT REALLY EFFECTIVE.	DOSAGE OF POISON ARE NOT REALLY EFFECTIVE.
DOSAGE OF POISON PROVIDED NOT REALLY EFFECTIVE FOR THE PADDY	DOSAGE OF POISON PROVIDED NOT REALLY EFFECTIVE FOR THE PADDY
Dosage need to be added to obtain better result	Dosage need to be added to obtain better result
For own safety in obeying the rules	For own safety in obeying the rules
I also managed my crops based on my experience	I also managed my crops based on my experience
I cultivate my crops based on the current situation and past experience	I cultivate my crops based on the current situation and past experience
I did not get as what I expected in return.	I did not get as what I expected in return.
I have to consider my growing area condition before following the program/ recommendations	I have to consider my growing area condition before following the program/ recommendations
I have to follow the time and understand the situation when applying when applying the crop protection products	I have to follow the time and understand the situation when applying when applying the crop protection products
I have to know the problems that I am facing first and apply the crop protection products that suits the situation, and it is depending on the the current weather too	I have to know the problems that I am facing first and apply the crop protection products that suits the situation, and it is depending on the the current weather too
I have to look first on the weather and current situation before following the suggestions	I have to look first on the weather and current situation before following the suggestions
I have tried to follow the protocol fully. However, the yield was not satisfying and I am trying to manage my cultivation based on my experience to see if there is any difference	I have tried to follow the protocol fully. However, the yield was not satisfying and I am trying to manage my cultivation based on my experience to see if there is any difference
I met into accident and could not manage my growing area properly	I met into accident and could not manage my growing area properly
I need to consider on the weather condition and also time spend on growing field for cultivation activities	I need to consider on the weather condition and also time spend on growing field for cultivation activities
I need to follow my schedule calculation and cultivate based on my experience	I need to follow my schedule calculation and cultivate based on my experience
I prefer to follow my own way, based on my timing and applying crop protecion products calculation as well as my exprience	I prefer to follow my own way, based on my timing and applying crop protecion products calculation as well as my exprience
I solved problems based on my previous experience	I solved problems based on my previous experience
I want to know the effectiveness of applying the crop protection products according the suggestions	I want to know the effectiveness of applying the crop protection products according the suggestions
In applying the crop protection products, I sometimes need to consider from my past experience in solving certain problems	In applying the crop protection products, I sometimes need to consider from my past experience in solving certain problems
JUST FOLLOW FROM THE SAFETY ASPECT FROM THE POISON MEASUREMENT ASPECT, IT'S LESS EFFECTIVE. DEPEND ON EVERY FARMER,USUALLY THEY USE MORE DOSE FOR MORE EFFECTIVE	JUST FOLLOW FROM THE SAFETY ASPECT FROM THE POISON MEASUREMENT ASPECT, IT'S LESS EFFECTIVE. DEPEND ON EVERY FARMER,USUALLY THEY USE MORE DOSE FOR MORE EFFECTIVE
JUST FOLLOW IN TERM OF SAFETY FROM THE MEASUREMENT OF POISON, ITS LESS EFFECTIVE. IT DEPENDS ON EACH FARMER AND USUALLY, ITS NEED TO USE MORE DOSE TO ENSURE ITS MORE EFFECTIVE.	JUST FOLLOW IN TERM OF SAFETY FROM THE MEASUREMENT OF POISON, ITS LESS EFFECTIVE. IT DEPENDS ON EACH FARMER AND USUALLY, ITS NEED TO USE MORE DOSE TO ENSURE ITS MORE EFFECTIVE.
JUST FOLLOW SAFETY EQUIPMENT (WEARING MASK,WEARING GLOVES) DOSAGE PROVIDED NOT EFFECTIVE	JUST FOLLOW SAFETY EQUIPMENT (WEARING MASK,WEARING GLOVES) DOSAGE PROVIDED NOT EFFECTIVE
JUST FOLLOW THE SAFETY ASPECT THE MEASUREMENT ASPECT ARE LESS EFFECTIVE. IT'S UP TO EVERY FARMER, USUALLY HAVE TO ADD THE DOSE FOR MORE EFFICIENTLY	JUST FOLLOW THE SAFETY ASPECT THE MEASUREMENT ASPECT ARE LESS EFFECTIVE. IT'S UP TO EVERY FARMER, USUALLY HAVE TO ADD THE DOSE FOR MORE EFFICIENTLY

Most of the problems I faced, I solve it based on my previous experience and I apply it again with the current situation	Most of the problems I faced, I solve it based on my previous experience and I apply it again with the current situation
None	None
ONLY FOLLOW THE SAFETY INSTRUCTION.DOSAGE PROVIDED NOT REALLY EFFECTIVE	ONLY FOLLOW THE SAFETY INSTRUCTION.DOSAGE PROVIDED NOT REALLY EFFECTIVE
Pesticides contents is not effective due to ineffective dosage	Pesticides contents is not effective due to ineffective dosage
Sometimes I have to follow and understand the current situation when applying the crop protection products	Sometimes I have to follow and understand the current situation when applying the crop protection products
Sometimes I have to take few considerations in solving the pests and rodents attacks as well as the weeds attacks baed on my previous experience	Sometimes I have to take few considerations in solving the pests and rodents attacks as well as the weeds attacks baed on my previous experience
Sometimes, I have to make my own decision in solving the problems of insect pressure as well as the weed pressure. I am using different dosage to test the effectiveness of the crop protection products.	Sometimes, I have to make my own decision in solving the problems of insect pressure as well as the weed pressure. I am using different dosage to test the effectiveness of the crop protection products.
Sometimes. the dosage suggested for applying the fertilizer and crop protection products are not sufficient enough	Sometimes. the dosage suggested for applying the fertilizer and crop protection products are not sufficient enough
There are different practices that need to be considered based on the condition of the growing area	There are different practices that need to be considered based on the condition of the growing area
To improve production and to make paddy growing process easier	To improve production and to make paddy growing process easier
To improve productivity	To improve productivity
To increase paddy yield	To increase paddy yield
To obtain satisfying result	To obtain satisfying result
Want to know the effectiveness of recommended pesticides	Want to know the effectiveness of recommended pesticides
Want to see the effectiveness of the crop protection product as well as the yield	Want to see the effectiveness of the crop protection product as well as the yield
Want to try first, if it is effective then will fully use it	Want to try first, if it is effective then will fully use it

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Agriculture Officer	Agriculture Officer
KADA	KADA
MARDI	MARDI
Outsider (of Agriculture Officer)	Outsider (of Agriculture Officer)

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
KOPETA	KOPETA
KOPITA (Koperasi Petani Ketara Besut)	KOPITA (Koperasi Petani Ketara Besut)
Kelab 10 Tan	Kelab 10 Tan
Kelab 10 Tan(Under KETERA. (Kawasan pembangunan)Pertanian Bersapadu	Kelab 10 Tan(Under KETERA. (Kawasan pembangunan)Pertanian Bersapadu
Koperasi Kobeta	Koperasi Kobeta
Koperasi Peladang	Koperasi Peladang
Koperasi Pertubuhan Peladang	Koperasi Pertubuhan Peladang
Koperasi Usahawan Kobeta	Koperasi Usahawan Kobeta
LKTN	LKTN
PELADANG	PELADANG
PELADANG Gerai	PELADANG Gerai
Peladang	Peladang
Usahawan Peladang	Usahawan Peladang
Usahawan Tani	Usahawan Tani

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
10 TAN	10 TAN
KOPETA	KOPETA
Kelab 10 Tan	Kelab 10 Tan
Koperasi Felda Tenang	Koperasi Felda Tenang
PPK Gerai	PPK Gerai
Peladang	Peladang
Sawah Petani Gemilang (SPG)	Sawah Petani Gemilang (SPG)

Q35A_3: Q35.A. What group/association/cooperative are a member of? 3RD

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
10 TAN	10 TAN
Peladang	Peladang

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 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	flat

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	transplanted (tr)
2	direct-seeded (ds)
3	other. specify

Q116OTH: Q116. What production system is used for rice? OTHER

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
sow with hand	sow with hand

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: 21 - 21 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

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

Data file: Global_farm_data

Overview

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

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-06-19	2014-06-19
2014-06-20	2014-06-20
2014-06-22	2014-06-22
2014-06-23	2014-06-23
2014-06-25	2014-06-25
2014-06-26	2014-06-26
2014-06-29	2014-06-29
2014-07-01	2014-07-01
2014-07-03	2014-07-03
2014-07-05	2014-07-05
2014-07-10	2014-07-10
2014-07-26	2014-07-26
2014-08-01	2014-08-01
2014-08-03	2014-08-03
2014-08-07	2014-08-07

Q247_1A: Q247. BUYER 1 % of yield

Data file: Global_farm_data

Overview

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

Q247_1B: Q247. BUYER 1 price per metric ton

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 1200 - 1280 Format: Numeric

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 14 - 30 Format: Numeric

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

Data file: Global_farm_data

Overview

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

HARVESTYEAR: Data collection wave

Data file: Crop_protection

Overview

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

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

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
A	A
B	B

CLUSTERID: Unique cluster ID

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
MalaysiaRice1	MalaysiaRice1

COUNTRY: Country

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Malaysia	Malaysia

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
26100100	26100100
26100300	26100300
26100700	26100700
26101100	26101100
26101700	26101700
26200100	26200100
26200200	26200200
26200300	26200300
26200400	26200400

26200500	26200500
26200600	26200600
26200700	26200700
26200800	26200800
26200900	26200900
26201000	26201000
26201100	26201100
26201200	26201200
26201300	26201300
26201400	26201400
26201500	26201500
26201600	26201600
26201700	26201700
26201800	26201800
26201900	26201900
26202000	26202000
26202100	26202100
26202200	26202200
26202300	26202300

PRODUCT: Unique code of a product within application

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	1
10	10
11	11
12	12
13	13
2	2
3	3
4	4

5	5
6	6
7	7
8	8
9	9

CROP: The crop of focus

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Rice	Rice

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
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18

19	19
2	2
20	20
21	21
3	3
4	4
5	5
6	6
7	7
8	8
9	9

Q241A: Q241 a. Timing of product application

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-06-24	2014-06-24
2014-06-26	2014-06-26
2014-06-28	2014-06-28
2014-06-29	2014-06-29
2014-07-03	2014-07-03
2014-07-05	2014-07-05
2014-07-06	2014-07-06
2014-07-07	2014-07-07
2014-07-09	2014-07-09
2014-07-12	2014-07-12
2014-07-13	2014-07-13
2014-07-16	2014-07-16
2014-07-18	2014-07-18
2014-07-20	2014-07-20
2014-07-21	2014-07-21
2014-07-23	2014-07-23

2014-07-25	2014-07-25
2014-07-27	2014-07-27
2014-07-30	2014-07-30
2014-08-03	2014-08-03
2014-08-05	2014-08-05
2014-08-06	2014-08-06
2014-08-07	2014-08-07
2014-08-08	2014-08-08
2014-08-10	2014-08-10
2014-08-12	2014-08-12
2014-08-14	2014-08-14
2014-08-15	2014-08-15
2014-08-17	2014-08-17
2014-08-19	2014-08-19
2014-08-21	2014-08-21
2014-08-22	2014-08-22
2014-08-23	2014-08-23
2014-08-25	2014-08-25
2014-08-28	2014-08-28
2014-09-06	2014-09-06
2014-09-07	2014-09-07
2014-09-08	2014-09-08
2014-09-09	2014-09-09
2014-09-10	2014-09-10
2014-09-14	2014-09-14
2014-09-18	2014-09-18
2014-09-20	2014-09-20
2014-09-22	2014-09-22
2014-09-28	2014-09-28
2014-09-30	2014-09-30
2014-10-01	2014-10-01
2014-10-05	2014-10-05
2014-10-06	2014-10-06
2014-10-08	2014-10-08
2014-10-13	2014-10-13
2014-10-15	2014-10-15
2014-10-20	2014-10-20
2014-10-22	2014-10-22
2014-10-25	2014-10-25

2014-10-28	2014-10-28
2014-11-01	2014-11-01
2014-11-09	2014-11-09
2015-07-20	2015-07-20
2015-07-25	2015-07-25
2015-07-26	2015-07-26
2015-07-27	2015-07-27
2015-07-31	2015-07-31
2015-08-04	2015-08-04
2015-08-05	2015-08-05
2015-08-06	2015-08-06
2015-08-07	2015-08-07
2015-08-09	2015-08-09
2015-08-10	2015-08-10
2015-08-13	2015-08-13
2015-08-14	2015-08-14
2015-08-15	2015-08-15
2015-08-16	2015-08-16
2015-08-18	2015-08-18
2015-08-20	2015-08-20
2015-08-21	2015-08-21
2015-08-25	2015-08-25
2015-08-27	2015-08-27
2015-08-28	2015-08-28
2015-08-29	2015-08-29
2015-08-30	2015-08-30
2015-08-31	2015-08-31
2015-09-01	2015-09-01
2015-09-02	2015-09-02
2015-09-05	2015-09-05
2015-09-12	2015-09-12
2015-09-15	2015-09-15
2015-09-18	2015-09-18
2015-09-25	2015-09-25
2015-09-27	2015-09-27
2015-09-29	2015-09-29
2015-09-30	2015-09-30
2015-10-02	2015-10-02
2015-10-03	2015-10-03

2015-10-08	2015-10-08
2015-10-11	2015-10-11
2015-10-12	2015-10-12
2015-10-13	2015-10-13
2015-10-15	2015-10-15
2015-10-16	2015-10-16
2015-10-17	2015-10-17
2015-10-18	2015-10-18
2015-10-20	2015-10-20
2015-10-22	2015-10-22
2015-10-26	2015-10-26
2015-10-29	2015-10-29
2015-10-30	2015-10-30
2015-11-02	2015-11-02
2015-11-10	2015-11-10
2015-11-12	2015-11-12
2015-11-15	2015-11-15
2016-06-26	2016-06-26
2016-07-04	2016-07-04
2016-07-07	2016-07-07
2016-07-09	2016-07-09
2016-07-10	2016-07-10
2016-07-11	2016-07-11
2016-07-13	2016-07-13
2016-07-14	2016-07-14
2016-07-16	2016-07-16
2016-07-17	2016-07-17
2016-07-20	2016-07-20
2016-07-21	2016-07-21
2016-07-23	2016-07-23
2016-07-25	2016-07-25
2016-07-28	2016-07-28
2016-07-30	2016-07-30
2016-08-02	2016-08-02
2016-08-04	2016-08-04
2016-08-05	2016-08-05
2016-08-08	2016-08-08
2016-08-09	2016-08-09
2016-08-10	2016-08-10

2016-08-11	2016-08-11
2016-08-12	2016-08-12
2016-08-13	2016-08-13
2016-08-14	2016-08-14
2016-08-15	2016-08-15
2016-08-16	2016-08-16
2016-08-17	2016-08-17
2016-08-18	2016-08-18
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2016-08-20	2016-08-20
2016-08-21	2016-08-21
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2016-08-28	2016-08-28
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2016-09-11	2016-09-11
2016-09-12	2016-09-12
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2016-09-16	2016-09-16
2016-09-20	2016-09-20
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2016-09-22	2016-09-22
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2016-09-26	2016-09-26
2016-09-28	2016-09-28
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2016-10-01	2016-10-01
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2016-11-05	2016-11-05
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2016-11-14	2016-11-14
2016-11-17	2016-11-17
2017-07-03	2017-07-03
2017-07-05	2017-07-05
2017-07-06	2017-07-06
2017-07-07	2017-07-07
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2018-07-01	2018-07-01
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2019-06-15	2019-06-15
2019-06-19	2019-06-19
2019-06-24	2019-06-24
2019-06-28	2019-06-28
2019-06-30	2019-06-30
2019-07-01	2019-07-01
2019-07-03	2019-07-03
2019-07-05	2019-07-05
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2019-07-07	2019-07-07
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2019-07-21	2019-07-21
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2019-07-27	2019-07-27
2019-07-28	2019-07-28
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2019-07-30	2019-07-30
2019-07-31	2019-07-31
2019-08-01	2019-08-01
2019-08-02	2019-08-02
2019-08-03	2019-08-03
2019-08-04	2019-08-04
2019-08-05	2019-08-05
2019-08-06	2019-08-06
2019-08-08	2019-08-08
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2019-08-11	2019-08-11
2019-08-12	2019-08-12
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2019-08-22	2019-08-22
2019-08-23	2019-08-23
2019-08-24	2019-08-24
2019-08-25	2019-08-25
2019-08-27	2019-08-27
2019-08-30	2019-08-30
2019-09-01	2019-09-01
2019-09-02	2019-09-02
2019-09-06	2019-09-06
2019-09-10	2019-09-10

2019-09-11	2019-09-11
2019-09-13	2019-09-13
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2019-09-21	2019-09-21
2019-09-23	2019-09-23
2019-09-27	2019-09-27
2019-09-30	2019-09-30
2019-10-01	2019-10-01
2019-10-04	2019-10-04
2019-10-06	2019-10-06
2019-10-07	2019-10-07
2019-10-10	2019-10-10
2019-10-12	2019-10-12
2019-10-15	2019-10-15
2019-10-17	2019-10-17
2019-10-18	2019-10-18
2019-10-19	2019-10-19
2019-10-20	2019-10-20
2019-10-21	2019-10-21
2019-10-26	2019-10-26
2019-11-01	2019-11-01
2019-11-05	2019-11-05
2019-11-06	2019-11-06
2019-11-10	2019-11-10
2019-11-12	2019-11-12
2019-11-28	2019-11-28

Q241B: Q241 b.Type of product

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category

1	Herbicide
2	Insecticide
3	Fungicide
4	Plant growth regulator, harvest aids,adjuvants
5	Nematicides, molluscicides
6	Miticides, acaricides
7	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

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
2,4 D	2,4 D
2,4-D BUTYL ESTER	2,4-D BUTYL ESTER
2,4-D-BUTYLGLYCOL-ESTER(BUTOXYETHANOL)	2,4-D-BUTYLGLYCOL-ESTER(BUTOXYETHANOL)
2,4-D-DIMETHYLAMINE-SALT (AMINE-SALT)	2,4-D-DIMETHYLAMINE-SALT (AMINE-SALT)
ABAMECTIN (AVERMECTIN B)	ABAMECTIN (AVERMECTIN B)
ALPHA-CYPERMETHRIN	ALPHA-CYPERMETHRIN
BENOMIL	BENOMIL
BENTAZONE-NA-SALT	BENTAZONE-NA-SALT
BISPYRIBAC-SODIUM	BISPYRIBAC-SODIUM
BRODIFACOUM	BRODIFACOUM
BUPROFEZIN	BUPROFEZIN
CARBOFURAN	CARBOFURAN
CHLORANTRANILIPROLE	CHLORANTRANILIPROLE
CHLOREPYROPHOS	CHLOREPYROPHOS
CHLOROPHACINONE	CHLOROPHACINONE
CYHALOFOP-B	CYHALOFOP-B
CYPERMETHRIN	CYPERMETHRIN
DELTAMETHRIN	DELTAMETHRIN
DIFENOCONAZOLE	DIFENOCONAZOLE
Do not know	Do not know
FENITRITHION	FENITRITHION
FENOXAPROP-P-ETHYL	FENOXAPROP-P-ETHYL

FENTHION (MPP)	FENTHION (MPP)
FENTRAZAMIDE	FENTRAZAMIDE
FIPRONIL	FIPRONIL
FLUBENDIAMIDE	FLUBENDIAMIDE
FLUTOLANIL	FLUTOLANIL
GIBBERELLIC ACID	GIBBERELLIC ACID
GLUFOSINATE-AMMONIUM	GLUFOSINATE-AMMONIUM
GLYPHOSASATE ISOPROPYLAMMONIUM SALT	GLYPHOSASATE ISOPROPYLAMMONIUM SALT
GLYPHOSATE-ISOPROPYL-AMM	GLYPHOSATE-ISOPROPYL-AMM
GLYPHOSATE-ISOPROPYLAMINE	GLYPHOSATE-ISOPROPYLAMINE
IMAZAMOX-AMMONIUM	IMAZAMOX-AMMONIUM
IMAZAPYR-IPA-SALT	IMAZAPYR-IPA-SALT
IMIDACLOPRID	IMIDACLOPRID
ISOPROTHIOLANE	ISOPROTHIOLANE
LAMBDA CYHALOTHRIN	LAMBDA CYHALOTHRIN
LINURON	LINURON
LUFENURON	LUFENURON
MALATHION (MALDISON)(MERCAPTOTHION)	MALATHION (MALDISON)(MERCAPTOTHION)
MCPA ISOOCTYL ESTER	MCPA ISOOCTYL ESTER
MCPA POTASSIUM	MCPA POTASSIUM
METALDEHYDE	METALDEHYDE
METAMIFOP	METAMIFOP
NICLOSAMIDE	NICLOSAMIDE
PARAQUAT	PARAQUAT
PARAQUAT DICHLORIDE	PARAQUAT DICHLORIDE
PENOXSULAM	PENOXSULAM
PHENTHOATE	PHENTHOATE
PICOXYSTROBINE	PICOXYSTROBINE
PRETILACHLOR	PRETILACHLOR
PROPANIL	PROPANIL
PROPICONAZOLE	PROPICONAZOLE
PROPINEB	PROPINEB
PYRAZOSULFURON-ETHYL	PYRAZOSULFURON-ETHYL
TEBUCONAZOLE	TEBUCONAZOLE
THIAMETHOXAM	THIAMETHOXAM
THIOBENCARB	THIOBENCARB
TRICHLORFON	TRICHLORFON
TRICYCLAZOLE	TRICYCLAZOLE
TRIFLOXYSTROBINE	TRIFLOXYSTROBINE

TRIPHENYLTIN ACETATE	TRIPHENYLTIN ACETATE
ZINC PHOSPHIDE	ZINC PHOSPHIDE

C241CP1: CODED VARIABLE - amount of ai1

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 0.01 - 795 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
BISPYRIBAC-SODIUM	BISPYRIBAC-SODIUM
BPMC=FENOBUCARB=PHENYL CARBAMATE	BPMC=FENOBUCARB=PHENYL CARBAMATE
CARTAP-HCL	CARTAP-HCL
CHLORANTRANILIPROLE	CHLORANTRANILIPROLE
CYPERMETHRIN	CYPERMETHRIN

FIPRONIL	FIPRONIL
IMIZAPIRE/IMAZAPYR	IMIZAPIRE/IMAZAPYR
MCPA POTASSIUM	MCPA POTASSIUM
MCPA-DMA	MCPA-DMA
PROPANIL	PROPANIL
PROPICONAZOLE	PROPICONAZOLE
PYRIBENZOXIM	PYRIBENZOXIM
QUARTZ	QUARTZ
TEBUCONAZOLE	TEBUCONAZOLE
THIAMETHOXAM	THIAMETHOXAM
TRICYCLAZOLE	TRICYCLAZOLE
TRIFLOXYSTROBINE	TRIFLOXYSTROBINE

C241CP2: CODED VARIABLE - amount of ai2

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 1.91 - 400 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: 0.01 - 795 Format: Numeric

Q241D: CODED VARIABLE Q241 d. Dosage ?

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 2 - 8000 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 - 450 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
-rumput lembik -keladi senduk	-rumput lembik -keladi senduk
99	99
all grass	all grass
all insects	all insects
all inserts	all inserts
bantuan tuaian	bantuan tuaian
bear bug ; caterpillar	bear bug ; caterpillar
belalang; bena; ulat	belalang; bena; ulat
bena	bena
bena hijau; bena perang; ulat pengorek batang; ulat gulung daun; pianggang	bena hijau; bena perang; ulat pengorek batang; ulat gulung daun; pianggang
bena perang	bena perang
bena; hama; ulat	bena; hama; ulat
bena; hama; ulat; kesing	bena; hama; ulat; kesing
benih keladi; rumput sambal	benih keladi; rumput sambal

benih rumput kedah; padi burung; rumput ekor jebu; rusiga anak emas	benih rumput kedah; padi burung; rumput ekor jebu; rusiga anak emas
benih siput	benih siput
benih siput; semua siput	benih siput; semua siput
benih siput; siput gondang	benih siput; siput gondang
benih ulat	benih ulat
bom	bom
caterpillar	caterpillar
cnaphalocrosis medinalis	cnaphalocrosis medinalis
control kanah	control kanah
daun lebar; keladi agas; jalak	daun lebar; keladi agas; jalak
daun lebar; keladi agas; rumput kerbau	daun lebar; keladi agas; rumput kerbau
don't know	don't know
echinochloa crus-galli	echinochloa crus-galli
echinochloa crus-galli; gramineae	echinochloa crus-galli; gramineae
echinochloa crus-galli;sagittaria guyanensis; gramineae	echinochloa crus-galli;sagittaria guyanensis; gramineae
ekor tebu; padi burung	ekor tebu; padi burung
fungi	fungi
fungi ; karah	fungi ; karah
gramineae	gramineae
grass	grass
grass rice bird; rumput katak; buffalo faeces	grass rice bird; rumput katak; buffalo faeces
gulung daun; kerat daun	gulung daun; kerat daun
hama	hama
hawa seludang	hawa seludang
hawar seludung	hawar seludung
ischaemum rugosum; echinochloa crus-galli; leptochloa chinensis	ischaemum rugosum; echinochloa crus-galli; leptochloa chinensis
kanah; rotten tree	kanah; rotten tree
karah	karah
karah daun	karah daun
karah; reput tangkai	karah; reput tangkai
karah; serangga	karah; serangga
karang bena;	karang bena;
kasing; pianggang	kasing; pianggang
kawalan kanah	kawalan kanah
keeraf kehat	keeraf kehat
keladi	keladi
keladi agas	keladi agas
keladi agas; grass	keladi agas; grass

keladi agas; rumput padi burung	keladi agas; rumput padi burung
keladi air ; inai air	keladi air ; inai air
keladi air; rumput lembik	keladi air; rumput lembik
keladi biru	keladi biru
keladi senduk ; rumput kedah ;	keladi senduk ; rumput kedah ;
keladi senduk ;rumput lembik ;rumput kedah	keladi senduk ;rumput lembik ;rumput kedah
keladi; rumput kedah; rumput lembik	keladi; rumput kedah; rumput lembik
kesing	kesing
kesing kura-kura	kesing kura-kura
kesing kura; ulat daun; ulat ratus	kesing kura; ulat daun; ulat ratus
kesing ulat	kesing ulat
kesing; butterfly	kesing; butterfly
kesing; kutu beruang	kesing; kutu beruang
kesing; kutu daun; ulat bena hijau; ulat bena perang	kesing; kutu daun; ulat bena hijau; ulat bena perang
kesing; rama putih	kesing; rama putih
kesing; ulat	kesing; ulat
kesing; ulat batang	kesing; ulat batang
kesing; ulat batang;	kesing; ulat batang;
kesing; ulat batang; kutu beruang	kesing; ulat batang; kutu beruang
kesing; ulat batang; ulat ratus	kesing; ulat batang; ulat ratus
kesing; ulat bena	kesing; ulat bena
kesing; ulat bena; semua serangga	kesing; ulat bena; semua serangga
kesing; ulat bena; ulat batang	kesing; ulat bena; ulat batang
kesing; ulat bena; ulat gulung	kesing; ulat bena; ulat gulung
kesing; ulat bena; ulat gulung; ulat daun	kesing; ulat bena; ulat gulung; ulat daun
kesing; ulat benda	kesing; ulat benda
kesing; ulat gulung daun	kesing; ulat gulung daun
kesing; ulat gulung; ulat batang	kesing; ulat gulung; ulat batang
kesing; ulat korek batang;	kesing; ulat korek batang;
kesing; ulat pengorek batang	kesing; ulat pengorek batang
kesing; ulat ratus	kesing; ulat ratus
kesing; ulat ratus; ulat batang	kesing; ulat ratus; ulat batang
kukat	kukat
kulat	kulat
kulat karah	kulat karah
kulat; karah	kulat; karah
kulat; karah daun	kulat; karah daun
kulat; karah; hawar seludang	kulat; karah; hawar seludang
kulat; karah; reput tangkai	kulat; karah; reput tangkai

kulat; reput tangkai	kulat; reput tangkai
kulat; reput tangkai; karah	kulat; reput tangkai; karah
kulat; reput tangkai; seludang	kulat; reput tangkai; seludang
kulat; serangga	kulat; serangga
kulat; ulat lipat daun; kesing	kulat; ulat lipat daun; kesing
kutu beruang; kesing kura	kutu beruang; kesing kura
kutu beruang; ulat beruang; pianggang; ulat prngorek batang	kutu beruang; ulat beruang; pianggang; ulat prngorek batang
kwsing; ulat	kwsing; ulat
leaf worm ; ulat kesing	leaf worm ; ulat kesing
leaf worm; kesing	leaf worm; kesing
monochoria vaginalis	monochoria vaginalis
padi angin	padi angin
padi angin; keladi air	padi angin; keladi air
phricularia oryzae	phricularia oryzae
rama-rama putih; ulat daun	rama-rama putih; ulat daun
rama-rama; ulat ratus	rama-rama; ulat ratus
rat	rat
rats	rats
reput tangkai	reput tangkai
reput tangkai; karah	reput tangkai; karah
reput tangkai; karah daun	reput tangkai; karah daun
reput tangkai; kenah daun	reput tangkai; kenah daun
reput;tangkai karah	reput;tangkai karah
rumpai	rumpai
rumpai padi burung	rumpai padi burung
rumpur lompat; rumput jagung; keladi senduk	rumpur lompat; rumput jagung; keladi senduk
rumpur padi burung	rumpur padi burung
rumput	rumput
rumput ;pra cambah	rumput ;pra cambah
rumput batas	rumput batas
rumput di atas	rumput di atas
rumput di atas batas	rumput di atas batas
rumput gelang sambal; jenarah	rumput gelang sambal; jenarah
rumput kedah	rumput kedah
rumput kedah; daun lebar; keladi	rumput kedah; daun lebar; keladi
rumput kedah; daun lebar; keladi agas	rumput kedah; daun lebar; keladi agas
rumput kedah; daun lebar; keladi agas; jalak	rumput kedah; daun lebar; keladi agas; jalak
rumput kedah; daun lebar; rumput sambal; keladi agas;	rumput kedah; daun lebar; rumput sambal; keladi agas;

rumput kedah; inai air; rumput ruas	rumput kedah; inai air; rumput ruas
rumput kedah; keladi	rumput kedah; keladi
rumput kedah; keladi rumput lembik	rumput kedah; keladi rumput lembik
rumput kedah; lain-lain rumput	rumput kedah; lain-lain rumput
rumput kedah; padi angin	rumput kedah; padi angin
rumput kedah; padi burung	rumput kedah; padi burung
rumput kedah; padi burung; rumput ekor jebu; rusiga anak emas	rumput kedah; padi burung; rumput ekor jebu; rusiga anak emas
rumput kedah; rumput lembut	rumput kedah; rumput lembut
rumput kedah; rumput sambal	rumput kedah; rumput sambal
rumput kedah; semua rumput	rumput kedah; semua rumput
rumput kedah;keladi;rumput lembut	rumput kedah;keladi;rumput lembut
rumput kerbau; keladi agas; rumput janggut keli	rumput kerbau; keladi agas; rumput janggut keli
rumput kerbau; rumput padi burung	rumput kerbau; rumput padi burung
rumput lembik	rumput lembik
rumput lembut	rumput lembut
rumput lompat; lain-lain rumput	rumput lompat; lain-lain rumput
rumput padi angin	rumput padi angin
rumput padi burung	rumput padi burung
rumput padi burung rumput katak; buffalo faeces	rumput padi burung rumput katak; buffalo faeces
rumput padi burung; maman pasir	rumput padi burung; maman pasir
rumput padi burung; rumput kerbau	rumput padi burung; rumput kerbau
rumput padi burung; siput anak emas	rumput padi burung; siput anak emas
rumput padi kedah	rumput padi kedah
rumput padi sambal	rumput padi sambal
rumput pra cambah	rumput pra cambah
rumput pra-cambah	rumput pra-cambah
rumput samba; rumput jagung; rumput lompok	rumput samba; rumput jagung; rumput lompok
rumput sambal	rumput sambal
rumput sambal keladi	rumput sambal keladi
rumput sambal; padi angin	rumput sambal; padi angin
rumput sambal; rumput kedah; rumput burung padi	rumput sambal; rumput kedah; rumput burung padi
rumput sambal; rumput kedah; semua rumput	rumput sambal; rumput kedah; semua rumput
rumput tahi kerbau; rumput padi burung	rumput tahi kerbau; rumput padi burung
sagittaria guyanensis	sagittaria guyanensis
sagittaria guyanensis; gramineae	sagittaria guyanensis; gramineae
seludung	seludung
semua benih rumput	semua benih rumput
semua jenis benih ulat	semua jenis benih ulat

semua jenis kulat	semua jenis kulat
semua jenis rumput di atas batas sawah	semua jenis rumput di atas batas sawah
semua jenis rumput; rumput kedah	semua jenis rumput; rumput kedah
semua jenis ulat	semua jenis ulat
semua jenis ulat; serangga	semua jenis ulat; serangga
semua keladi	semua keladi
semua kulat	semua kulat
semua rumpai	semua rumpai
semua rumput	semua rumput
semua rumput di atas batas sawah	semua rumput di atas batas sawah
semua siput	semua siput
semua siput gondang emas	semua siput gondang emas
semua ulat	semua ulat
semua ulat bena; kesing	semua ulat bena; kesing
serangga	serangga
siput	siput
siput godang emas	siput godang emas
siput gondang emas	siput gondang emas
siput gondang; telur siput	siput gondang; telur siput
siput; benih siput	siput; benih siput
snail	snail
telur ulat; lain-lain serangga	telur ulat; lain-lain serangga
telur ulat; serangga	telur ulat; serangga
tikus	tikus
tikus; burung	tikus; burung
tikus; burung; ulat tanah	tikus; burung; ulat tanah
to enhance growth of rice	to enhance growth of rice
to stop growth ; prevent bacteria	to stop growth ; prevent bacteria
ulat	ulat
ulat ;kesing	ulat ;kesing
ulat batang	ulat batang
ulat batang; ulat bena; kesing	ulat batang; ulat bena; kesing
ulat batang; ulat bena; ulat putih; ulat gulung	ulat batang; ulat bena; ulat putih; ulat gulung
ulat batang; ulat daun	ulat batang; ulat daun
ulat batang; ulat daun; ulat ratus	ulat batang; ulat daun; ulat ratus
ulat batang; ulat gulong	ulat batang; ulat gulong
ulat batang; ulat gulung	ulat batang; ulat gulung
ulat batang; ulat ratus	ulat batang; ulat ratus
ulat bena	ulat bena

ulat bena hijau; ulat bena perang	ulat bena hijau; ulat bena perang
ulat bena perang	ulat bena perang
ulat bena putih; ulat perang	ulat bena putih; ulat perang
ulat bena rama	ulat bena rama
ulat bena; kesing	ulat bena; kesing
ulat bena; kesing; ulat ratus	ulat bena; kesing; ulat ratus
ulat bena; rama-rama	ulat bena; rama-rama
ulat bena; ulat ratus	ulat bena; ulat ratus
ulat daun	ulat daun
ulat daun; kesing	ulat daun; kesing
ulat daun; semua jenis ulat	ulat daun; semua jenis ulat
ulat daun; ulat batang	ulat daun; ulat batang
ulat daun; ulat ratus	ulat daun; ulat ratus
ulat gulong	ulat gulong
ulat gulong; ulat batang	ulat gulong; ulat batang
ulat gulung	ulat gulung
ulat gulung bena; kesing kura	ulat gulung bena; kesing kura
ulat gulung daun	ulat gulung daun
ulat gulung daun; kesing	ulat gulung daun; kesing
ulat gulung daun; ulat batang	ulat gulung daun; ulat batang
ulat gulung daun; ulat korek batang	ulat gulung daun; ulat korek batang
ulat gulung daun; ulat korek batang; ulat ratus	ulat gulung daun; ulat korek batang; ulat ratus
ulat gulung daun; ulat pengorek batang	ulat gulung daun; ulat pengorek batang
ulat gulung daun;ulat pengorek batang	ulat gulung daun;ulat pengorek batang
ulat gulung; kesing; kutu beruang	ulat gulung; kesing; kutu beruang
ulat gulung; kesing; rama-rama putih	ulat gulung; kesing; rama-rama putih
ulat gulung; rama	ulat gulung; rama
ulat gulung; rama-rama putih	ulat gulung; rama-rama putih
ulat gulung; ulat batang	ulat gulung; ulat batang
ulat gulung; ulat batang; ulat ratus	ulat gulung; ulat batang; ulat ratus
ulat gulung; ulat bena perang; ulat bena putih	ulat gulung; ulat bena perang; ulat bena putih
ulat gulung; ulat pengorek batang	ulat gulung; ulat pengorek batang
ulat gulung; ulat ratus; ulat bungkus; rumput kedah; rumput air; keladi agas	ulat gulung; ulat ratus; ulat bungkus; rumput kedah; rumput air; keladi agas
ulat gulung;ulat batang;ulat ratus	ulat gulung;ulat batang;ulat ratus
ulat kersing	ulat kersing
ulat kesing	ulat kesing
ulat kesing ;bear bug	ulat kesing ;bear bug
ulat pengorek batang	ulat pengorek batang

ulat pengorek batang; kesing; ulat bena	ulat pengorek batang; kesing; ulat bena
ulat pengorek batang; ulat bena hijau; ulat bena perang; ulat gulung; kesing	ulat pengorek batang; ulat bena hijau; ulat bena perang; ulat gulung; kesing
ulat pengorek batang; ulat gulung daun	ulat pengorek batang; ulat gulung daun
ulat pengorek buah; ulat ratus; ulat gulung daun	ulat pengorek buah; ulat ratus; ulat gulung daun
ulat putih; ulat gulung daun; ulat pengorek batang	ulat putih; ulat gulung daun; ulat pengorek batang
ulat rama putih	ulat rama putih
ulat ratus	ulat ratus
ulat ratus; kesing; ulat batang	ulat ratus; kesing; ulat batang
ulat ratus; ulat batang; kesing	ulat ratus; ulat batang; kesing
ulat ratus; ulat bena	ulat ratus; ulat bena
ulat ratus; ulat buah; ulat daun	ulat ratus; ulat buah; ulat daun
ulat ratus; ulat daun	ulat ratus; ulat daun
ulat sister	ulat sister
ulat; hama	ulat; hama
ulat; kesing; rama putih	ulat; kesing; rama putih
ulat; pianggang	ulat; pianggang
ulat; rama-rama putih	ulat; rama-rama putih
ulat; rama-rama; kesing; ulat bena	ulat; rama-rama; kesing; ulat bena
ulat; rama-rama; ulat bena	ulat; rama-rama; ulat bena
ulat; semua serangga	ulat; semua serangga
ulat; serangga	ulat; serangga
ulat;kesing	ulat;kesing
worms;rama putih	worms;rama putih
yam	yam

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: 3 - 100 Format: Numeric

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

Data file: Crop_protection

Overview

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

Q241K: Q241 k. Equipment type ?

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

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

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

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

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

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

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	No
2	Yes

HARVESTYEAR: Year in which the data was collected

Data file: Location

Overview

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

COUNTRY: Country

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Malaysia	Malaysia

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
MalaysiaRice1	MalaysiaRice1

GROWERID: Unique identifier per grower

Data file: Location

Overview

Valid: 0 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 26100100 - 26202300 Format: Numeric

GROWINGAREA: Field code (A or B)

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

Value	Category
A	A
B	B

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

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

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

GPS_OPTION: gps_option

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	interviewer captures at least two points per field
2	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 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Irregular shape
2	Rectangle
3	Square

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q22D_LON_SEC: Longitude seconds

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

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
22000	22000

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
Terengganu	Terengganu

HARVESTYEAR: Year in which the data was collected

Data file: Activities and Machinery (Q382)

Overview

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

COUNTRY: Country

Data file: Activities and Machinery (Q382)

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Malaysia	Malaysia

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
MalaysiaRice1	MalaysiaRice1

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
26100100	26100100
26100300	26100300
26100700	26100700
26101100	26101100
26101700	26101700
26200100	26200100
26200200	26200200
26200300	26200300
26200400	26200400

26200500	26200500
26200600	26200600
26200700	26200700
26200800	26200800
26200900	26200900
26201000	26201000
26201100	26201100
26201200	26201200
26201300	26201300
26201400	26201400
26201500	26201500
26201600	26201600
26201700	26201700
26201800	26201800
26201900	26201900
26202000	26202000
26202100	26202100
26202200	26202200
26202300	26202300

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

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

Data file: Activities and Machinery (Q382)

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	Yes
2	No

study_resources

questionnaires

2014 GGP Questionaire Master

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

2015 GGP Questionaire Master

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

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