Good Growth Plan 2014-2019

Syngenta

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Identification

SURVEY ID NUMBER
JPN_2014-2019_GGP-P_v01_M_v01_A_OCS

TITLE
Good Growth Plan 2014-2019

COUNTRY/ECONOMY

Name	Country code
Japan	JPN

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 Japan were selected based on the following criterion:
Location: Hokkaido Tokachi (JA Memuro, JA Otofuke, JA Tokachi Shimizu, JA Obihiro Taisho) --> initially focus on Memuro, Otofuke, Tokachi Shimizu, Obihiro Taisho // Added locations in GGP 2015 due to change of RF: Obhiro, Kamikawa, Abashiri
BF: no use of in furrow application (Amigo) - no use of Amistar

Contract farmers of snacks and other food companies --> screening question:
'Do you have quality contracts in place with snack and food companies for your potato production? Y/N --> if no, screen out

Increase of marketable yield --> screening question:
'Are you interested in growing branded potatoes (premium potatoes for processing industry)? Y/N --> if no, screen out

Potato growers for process use
Background info: No mention of Syngenta
Background info:
- Labor cost is very serious issue: In general, labor cost in Japan is very high. Growers try to reduce labor cost by mechanization. Percentage of labor cost in production cost. They would like to manage cost of labor
- Quality and yield driven

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

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

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CITATION REQUIREMENTS

The Good Growth Plan Progress Data - Productivity 2019

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Metadata production

DDI DOCUMENT ID

DDI_JPN_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 (JPN_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
seed_treatment	0	26
Farm_level_data	0	32
Global_farm_data	0	244
Crop_protection	0	32
Location	0	18
Activities and Machinery (Q382)	0	9

Data file: fertilizers

Cases:	0
variables:	17

variables

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

total: 17

Data file: seed_treatment

Cases:	0
variables:	26

variables

ID	Name	Label	Question
V18	harvestyear	Data collection wave	
V19	GrowingArea	To which field/plot does the information relate to?	
V20	ClusterID	Unique cluster ID	
V21	country	Country	
V22	Farmtype	FARMTYPE	
V23	GrowerID	Unique respondent ID	
V24	product	Unique code of a product that was applied	
V25	crop	The crop of focus	
V26	q73	What is the amount of seeds in <KG> that has been sown per <HECT> ?	
V27	q233c_a	Q233C. a. Timing of product application	
V28	q233c_b	Q233C. b.Type of product	
V29	q233c_c	Q233C. c. Brand product name	
V30	q233c_c2	Q233C. c2. Brand product formulation	
V31	c233c_c	CODED VARIABLE - stringcode	
V32	c233ca1	CODED VARIABLE - active ingredient1	
V33	c233cp1	CODED VARIABLE - amount of ai1	
V34	c233cu1	CODED VARIABLE - unit (% or Gr)	
V35	c233ca2	CODED VARIABLE - active ingredient2	
V36	c233cp2	CODED VARIABLE - amount of ai2	
V37	c233ca3	CODED VARIABLE - active ingredient3	
V38	c233cp3	CODED VARIABLE - amount of ai3	
V39	q233c_d	Q233C. d. PRODUCT 1: Dosage	
V40	q233c_e	Q233C. e. PRODUCT 1: Unit of quantity	
V41	q233c_f	Q233C. f. PRODUCT 1: Amount of H2O solved in LITERS per <HECT>	
V42	q233c_g	Q233C. g. PRODUCT 1: Pest/disease/ weed targeted	
V43	syngenta	CODED VARIABLE Syngenta product? (1 = YES; 0 = NO)	

total: 26

Data file: Farm_level_data

Cases:	0
variables:	32

variables

ID	Name	Label	Question
V44	HarvestYear	Data collection wave	
V45	Region	Syngenta's definition of Region	
V46	Territory	Syngenta's definition of Territory	
V47	GrowingArea	To which field/plot does the information relate to?	
V48	ClusterID	Unique cluster ID	
V49	country	Country	
V50	Farmtype	Farm type	
V51	GrowerID	Unique respondent ID	
V52	Crop	The crop of focus	
V53	AreaSize	Q57. Size of growing area A for <TARG1> in <HECT>	
V54	CropSize	Q5.Total cultivated area of <TARG1> in this season in <HECT>	
V55	FarmSize	Q6. Total size of your farm/cultivated area for all crops in <HECT>	
V56	Landproductivity	Land efficiency in ton/ha	
V57	PesticideApplicationEffiiciency	Number of field applications used per ton produced	
V58	NutrientEfficiency	Kgs of nitrogen used per ton produced	
V59	PhosphorusEfficiency	Kgs of phosphorus used per ton produced	
V60	PotassiumEfficiency	Kgs of potassium used per ton produced	
V61	SeedEfficiency	Kgs of seeds used per ton produced	
V62	PesticideEfficiency	Kgs of active ingredients from pesticides used in kilogram per ton produced	
V63	HerbicideEfficiency	Kgs of active ingredients from herbicides used per ton produced	
V64	FungicideEfficiency	Kgs of active ingredients from fungicides used per ton produced	
V65	InsecticideEfficiency	Kgs of active ingredients from insecticides used per ton produced	
V66	IrrigationWaterEfficiency	Litres of irrigation water used per ton produced	
V67	LaborEfficiency	Amount of labor hours per unit of crop output produced	
V68	MachineryEfficiency	Amount of machinery used in hours per unit of crop output produced	
V69	SyngentaShare	Percentage of syngenta products used compared to total number of products used	
V70	User_vs_non_user	Does the grower use Syngenta products?	
V71	protocol	have received a crop program and/or any recommendations this season?	
V72	field_preparation	Date of first field preparation	
V73	planting_date	Date of sowing or planting	
V74	harvest_begin	Date when harvest started	
V75	harvest_end	Date when harvest ended	

total: 32

Data file: Global_farm_data

Cases:	0
variables:	244

variables

ID	Name	Label	Question
V76	Territory	Syngenta definition of territory (sub-region)	
V77	country	Country	
V78	ClusterID	Unique cluster ID	
V79	GrowerID	Unique respondent ID	
V80	GrowingArea	To which field/plot does the information relate to?	
V81	Farmtype	Farmtype	
V82	q1c3	Q1.C3. Since you have participated before, we'd like to share with you your individual performance report	
V83	q1f	Q1. F. Would it be okay for you for Syngenta to contact you with follow-up information on The Good Growth Plan?	
V84	crop	Crop of focus	
V85	q56A2_1	Q56A2. Growing area changed from previous year- did not plant this area due to crop rotation	
V86	q56A2_99	Q56A2. Growing area changed from previous year? Don't know / no answer	
V87	q57a	Q57A. How certain you are of the size indication for growing area A?	
V88	q4055	Q4055. TON/HEC Yield objective for area A for <CROP> at beginning of this season?	
V89	q19	Q19. Surname	
V90	q20	Q20. First name	
V91	q21	Q21. Phone number	
V92	q22	Q22. E-mail address	
V93	q27	Q27. Year of birth	
V94	q28	Q28. Gender	
V95	q31	Q31. Until what age did you go to school?	
V96	q30	Q30. Are you a full-time or part-time farmer?	
V97	q30b	Q30. B. How long have you been engaged in farming activities?	
V98	q33	Q33. Did you receive an agronomical/agricultural education?	
V99	q34	Q34. Are you a member of a producer group, association or cooperative for <CROP>?	
V100	q35c	Q35. C. Overall, how satisfied would you say you are with your life these days?	
V101	q37a	Q37.A. Do you have signs of soil erosion by water on	
V102	q37b	Q37.B. Do you have signs of soil erosion by wind on your farm?	
V103	q7001	Q7001. Have you changed your tillage practices for <TARGET CROP> in the past 20 years?	
V104	q7002	Q7002. How did you change your tillage practices for <TARGET CROP>?	
V105	q7003	Q7003. How many years ago did you change your tillage practices for <TARGET CROP>?	
V106	q7004	Q7004. Have you grown cover crop to manage soil health in the past 20 years for <CROP>?	
V107	q7005	Q7005. How many years ago did you start growing a cover crop for <TARGET CROP> ?	
V108	q7006	Q7006 Have you stopped growing a cover crop in the past 20 years for <TARGET CROP>?	
V109	q7007	Q7007. How many years ago did you stop growing a cover crop for <TARGET CROP>?	
V110	q7008	Q7008. For <Crop> was any land converted from arable land/grassland/forest in the past 20 years?	

ID	Name	Label	Question
V111	q7009	Q7009. How did the use of your land change for <TARGET CROP>?	
V112	q7009oth	Other. Specify: Q7009.	
V113	q7010	Q7010. How many years ago did the function of your land change for <TARGET CROP>?	
V114	q65	Q65. Do you practice intercropping for <TARGET CROP> ?	
V115	q66_7	Q66. Which crops do you intercrop? Corn	
V116	q66_13	Q66. Which crops do you intercrop? Potato	
V117	q66_15	Q66. Which crops do you intercrop? Soybean	
V118	q66_21	Q66. Which crops do you intercrop? Wheat	
V119	q66_51	Q66. Which crops do you intercrop? Grassland (pasture/artificial/temporary)	
V120	q66_81	Q66. Which crops do you intercrop? Pumpkin/squash	
V121	q66_89	Q66. Which crops do you intercrop? Sugar beet	
V122	q66_96	Q66. Which crops do you intercrop? Other specify 1	
V123	q60	Q60. Do you rotate crops on growing area A for <TARGET CROP>?	
V124	q61_3	Q61. What crops are you cultivating in rotation? Barley	
V125	q61_7	Q61. What crops are you cultivating in rotation? Corn	
V126	q61_9	Q61. What crops are you cultivating in rotation? Grape	
V127	q61_13	Q61. What crops are you cultivating in rotation? Potato	
V128	q61_15	Q61. What crops are you cultivating in rotation? Soybean	
V129	q61_18	Q61. What crops are you cultivating in rotation? Sunflower	
V130	q61_21	Q61. What crops are you cultivating in rotation? Wheat	
V131	q61_25	Q61. What crops are you cultivating in rotation? Beets/roots (turnip, yam)	
V132	q61_30	Q61. What crops are you cultivating in rotation? Cabbage	
V133	q61_31	Q61. What crops are you cultivating in rotation? Carrot	
V134	q61_50	Q61. What crops are you cultivating in rotation? Grass	
V135	q61_51	Q61. What crops are you cultivating in rotation? Grassland	
V136	q61_52	Q61. What crops are you cultivating in rotation? Guava	
V137	q61_67	Q61. What crops are you cultivating in rotation? Onion	
V138	q61_69	Q61. What crops are you cultivating in rotation? Other peppers	
V139	q61_70	Q61. What crops are you cultivating in rotation? Other potatoes	
V140	q61_71	Q61. What crops are you cultivating in rotation? Other rice	
V141	q61_78	Q61. What crops are you cultivating in rotation? Pomme granate	
V142	q61_80	Q61. What crops are you cultivating in rotation? Pulses (lentils, beans, peas)	
V143	q61_81	Q61. What crops are you cultivating in rotation? Pumpkin/squash	
V144	q61_83	Q61. What crops are you cultivating in rotation? Radish	
V145	q61_89	Q61. What crops are you cultivating in rotation? Sugar beet	
V146	q61_96	Q61. What crops are you cultivating in rotation? Other. Specify 1	
V147	q61_97	Q61. What crops are you cultivating in rotation? Other. Specify 2	
V148	q67	Q67. What is the soil type of growing area A for <TARGET CROP>?	
V149	q67b	Q67B. Texture is your soil on growing area A for <TARGET CROP> this season?	
V150	q7011	Q7011. How moist would rate your soil on growing area A for <TARGET CROP> this season?	
V151	q7012	Q7012 Rate the drainage of water through the soil on area A for <TARGET CROP> this season?	
V152	q55e1	Q55E1.Partook in training/meeting on crop/agricultural practices in the past 2 years?	
V153	q5500	Q5500. During the training/meeting, at least 15 minutes talking about safe-use practices	
V154	q55E2_1	Q55E2. Who organized this training? Syngenta representative	
V155	q55E2_3	Q55E2. Who organized this training? Extension officer	

ID	Name	Label	Question
V156	q55E2_4	Q55E2. Who organized this training? Cooperative	
V157	q55E2_6	Q55E2. Who organized this training? Supplier	
V158	q55E2_7	Q55E2. Who organized this training? Governmental organization (e.g. Ministry)	
V159	q55E2_96	Q55E2. Who organized this training? Other specify 1:	
V160	q55E2_97	Q55E2. Who organized this training? Other specify 2:	
V161	q55E2_98	Q55E2. Who organized this training? Other specify 3:	
V162	q5501	Q5501. Have you been contacted by a Syngenta representative during the past season?	
V163	q5502_1	Q5502. Can you describe how the Syngenta representative contacted you? Demonstration day	
V164	q5502_2	Q5502. Can you describe how the Syngenta representative contacted you? They visited my farm	
V165	q5502_4	Q5502. Can you describe how the Syngenta representative contacted you? Phone call	
V166	q5502_96	Q5502. Can you describe how the Syngenta representative contacted you? Other specify 1:	
V167	q5502_97	Q5502. Can you describe how the Syngenta representative contacted you? Other specify 2:	
V168	q5502_oth2	Q5502. Other Can you please describe how the Syngenta representative contacted you?	
V169	q5503	Q5503. How useful was contact with the Syngenta Representative	
V170	q4041a	Q4041.A. Do you feel the need to follow training on crop cultivation in the near future?	
V171	q54_1	Q54. Where do you deposit the rest water after spraying? Citerne (phytobac, heliosec, sentinel, biofilter)	
V172	q54_2	Q54. Where do you deposit the rest water after spraying? In fields	
V173	q54_96	Q54. Where do you deposit the rest water after spraying? Other specify 1:	
V174	q54_99	Q54. Where do you deposit the rest water after spraying? Don’t know / no answer	
V175	q54_oth1	Q54. Other 1:: Q54. Where do you deposit the rest water after spraying?	
V176	q55a_1	Q55a. Where do you clean your sprain equipment? On farm	
V177	q55b_1	Q55b. Where do you dispose the water used for cleaning you equipment? On field	
V178	q55b_3	Q55b. Where do you dispose the water used for cleaning you equipment? On an unpaved surface	
V179	q55c	Q55. C. Do you store the sprayer protected from rain?	
V180	q55d	Q55. D. Do you use drift-reducing nozzles on your sprayer?	
V181	q72	Q72. When did the first field preparation start for growing area A for <TARGET CROP> ?	
V182	q73	Q73. KGs/HECT of seeds sown for growing area A for <TARGET CROP>	
V183	q123b	Q123. B. Which type of potatoes do you cultivate on growing area A for potato?	
V184	q74	Q74. When was the crop sown / planted for growing area A for <TARGET CROP>?	
V185	q7400	Q7400. Have you sown/planted <TARGET CROP> in the same period as last year?	
V186	q231b	Q231B. Are your seeds coated with crop protection products?	
V187	q233	Q233. Do you use on-farm or pre-treated seed treatment to treat the seeds for growing area A for <TARGET CROP>?	
V188	q397new	Q397_NEW. If you have received a crop program and/or any recommendations for growing to implement this season.	
V189	q224a	Q224 A. Did you perform a soil test for <TARGET CROP>?	
V190	q224	Q224. Do you apply organic fertilizers for <TARGET CROP>?	
V191	q226	Q226. Do you apply chemical fertilizers for <TARGET CROP>?	
V192	q229b1	Q229B1.Total number of applications you perform with chemical fertilizers on growing area for <TARGET CROP>?	
V193	q229b2	Q229B2.Total number of applications you perform with organic fertilizers on growing area for <TARGET CROP>?	
V194	q240e_1	Q240E. We would like to better understand the pest pressure on the selected growing areas. INSECT PRESSURE	

ID	Name	Label	Question
V195	q240e_2	Q240E. We would like to better understand the pest pressure on the selected growing areas. DISEASE PRESSURE	
V196	q240e_3	Q240E. We would like to better understand the pest pressure on the selected growing areas. WEED PRESSURE	
V197	q240en	Q240.E1. Do you generally use drift-reducing nozzles on your sprayer?	
V198	q240d	Q240D. Note down the total number of treatments you perform with crop protection products	
V199	q75	Q75. What is the final stand i.e. the number of plants - per <SQUARE METER>/<TARGET CROP>?	
V200	q76	Q76. Prior to harvest, indicate the percentage of the plot area that is lodged for <TARGET CROP>?	
V201	q243a	Q243. When was the harvest period for <TARGET CROP>?	
V202	q243b	Q243. When was the harvest period for <TARGET CROP>?	
V203	q243bb	Q243b. Have you harvested <TARGET CROP> in the same period as last year?	
V204	q299	Q299. What is the tuber yield that has been achieved for potato in <TON>/<HECTARES>?	
V205	q4094_1	Q4094. Who measured the yield on each of the growing areas? Myself	
V206	q4094_2	Q4094. Who measured the yield on each of the growing areas? Dealer/store	
V207	q4094_5	Q4094. Who measured the yield on each of the growing areas? Cooperative	
V208	q4094_96	Q4094. Who measured the yield on each of the growing areas? Other specify1	
V209	q4095c	Q4095. C. According to you, why has your yield changed as opposed to previous year?	
V210	q4096a	Q4096. A. How satisfied are you with your yield this season?	
V211	q4097a	Q4097. A. How satisfied are you with the price you received on the market?	
V212	q251	Q251. % of crop damaged at the time of harvest (total lost - not marketable) for <TARGET CROP>?	
V213	q303b	Q303. B. Can you please share any feedback about the growth situation of potato during this season?	
V214	q360a	Q360. When was the harvest period for <TARGET CROP>?	
V215	q360b	Q360. When was the harvest period for <TARGET CROP>?	
V216	q319a	Q319. When was the harvest period for sugarcane?	
V217	q319b	Q319. When was the harvest period for sugarcane?	
V218	q339a	Q339. When was the harvest period for banana?	
V219	q339b	Q339. When was the harvest period for banana?	
V220	q246_1	Q246. % of the harvest of your target crop is used for own consumption	
V221	q246_2	Q246. % of the harvest of your target crop is used for feeding livestock	
V222	q246_3	Q246. % of the harvest of your target crop is used for harvest sold	
V223	q4002	Q4002. Did you take measures to prevent post-harvest loss for <TARGET CROP>?	
V224	q7013	Q7013. How do you deal with crop residue of <TARGET CROP>?	
V225	q377	Q377. What is the estimated revenue in <DOLLAR>/<HECTARES> for growing area A of <TARGET CROP>?	
V226	q378	Q378. Could you please indicate the estimated revenue in general? <DOLLAR>/<HECTARES>.	
V227	q379	Q379.A Can you please explain your answer for <TARGET CROP>?	
V228	q380	Q380. What is your total input cost for <TARGET CROP> from first field preparation until harvest?	
V229	q4111_1	Q4111. Actual costs SEEDS for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V230	q4111_2	Q4111. Actual costs FERTILIZERZ for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V231	q4111_3	Q4111. Actual costs LABOR for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V232	q4111_4	Q4111. Actual costs MACHINERY <TARGET CROP>?<DOLLAR>/<HECTARES>	
V233	q4111_5	Q4111. Actual costs WATER USE for <TARGET CROP>?<DOLLAR>/<HECTARES>	

ID	Name	Label	Question
V234	q4111_6	Q4111. Actual costs FUEL for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V235	q4111_7	Q4111. Actual costs RENT/LOAN for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V236	q4111_8	Q4111. Actual costs FUNGICIDES for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V237	q4111_9	Q4111. Actual costs HERBICIDES for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V238	q4111_10	Q4111. Actual costs INSECTICIDES <TARGET CROP>?<DOLLAR>/<HECTARES>	
V239	q4111_98	Q4111. Actual costs DRYING for <TARGET CROP>?<DOLLAR>/<HECTARES>	
V240	q381_1	Q381. Percentage of TREES/SEED costs out of the total input cost for <TARGET CROP>?	
V241	q381_2	Q381. Percentage of FERTILIZERS costs out of the total input cost for <TARGET CROP>?	
V242	q381_3	Q381. Percentage of PESTICIDES costs out of the total input cost for <TARGET CROP>?	
V243	q381_4	Q381. Percentage of LABOR costs out of the total input cost for <TARGET CROP>?	
V244	q381_5	Q381. Percentage of MACHINERY costs of the total input cost for <TARGET CROP>?	
V245	q381_6	Q381. Percentage of WATER USE costs out of the total input cost for <TARGET CROP>?	
V246	q381_7	Q381. Percentage of FUEL costs out of the total input cost for <TARGET CROP>?	
V247	q381_8	Q381. Percentage of ELECTRICITY costs out of the total input cost for <TARGET CROP>?	
V248	q381_9	Q381. Percentage of GAS costs out of the total input cost for <TARGET CROP>?	
V249	q381_10	Q381. Percentage of RENT/LOAN costs out of the total input cost for <TARGET CROP>?	
V250	q381_98	Q381. Percentage of OTHER costs out of the total input cost for <TARGET CROP>?	
V251	q4121	Q4121. In general for the whole cultivation period, rate the weather conditions for <TARGET CROP>?	
V252	q387_1	Q387. What was the impact for target crop? Reduced yield	
V253	q387_2	Q387. What was the impact for target crop? Reduced yield quality	
V254	q387_3	Q387. What was the impact for target crop? No impact	
V255	q387_96	Q387. What was the impact for target crop? Other. Specify 1:	
V256	q387_oth1	Q387.Other. Impact for growing area A on the <TARGET CROP>?	
V257	q388	Q388. How would you say the level of ranfall was for growing area A	
V258	q388b	Q388. B. You mentioned you had less rainfall this season than usual. Was this problematic?	
V259	q388d	Q388D. You mentioned you had more rainfall this season than usual. Was this problematic?	
V260	q3880	Q3880. How would you say the temperature was during this season ?	
V261	q3880b	Q3880 B. You mentioned you had lower temperatures this season than usual. Was this problematic?	
V262	q3880d	Q3880 D. You mentioned you had higher temperatures this season than usual. Was this problematic?	
V263	q389	Q389. What is the MAIN water source of <TARGET CROP> during this season?	
V264	q390	Q390. What is the number of days you have been irrigating <TARGET CROP>?	
V265	q391	Q391. What is the average amount of hours per day you have been irrigating of <TARGET CROP>?	
V266	q392	Q392. What is the amount of liters that is discharged per hour of <TARGET CROP>?	
V267	q7016	Q7016. Please indicate what percentage of the area is irrigated for <TARGET CROP>	
V268	q7017	Q7017. Which method of irrigation did you apply for <TARGET CROP>?	
V269	q399c	Q399.C. How satisfied are you with the crop program and/or recommendations for <TARGET CROP>?	
V270	q399e1	Q399. E1. What is your opinion about the in-furrow technology you applied?	
V271	date1	field preparation	
V272	date2	sowing/planting	
V273	date3a	begin harvest	
V274	date3b	end harvest	
V275	harvestyear	Data collection wave	

ID	Name	Label	Question
V276	q215	Q215. When did the first field preparation start for cauliflower?	
V277	q218	Q218. When have the young plants been planted for cauliflower?	
V278	q4000_1	q4000_1. To whom do you sell your yield - I sell it on the local market	
V279	q4000_2	q4000_2. To whom do you sell your yield - I sell it to a trader	
V280	q4000_3	q4000_3. To whom do you sell your yield - I sell it to a wholesaler	
V281	q4000_4	q4000_4. To whom do you sell your yield - I sell it to a feed processing plant	
V282	q4000_5	q4000_5. To whom do you sell your yield - I sell it to a cooperative I am part of	
V283	q4000_6	q4000_6. To whom do you sell your yield -I sell it under a contract	
V284	q4000_96	q4000_96. To whom do you sell your yield -Other. Specify 1:	
V285	q4000_99	q4000_99. To whom do you sell your yield -Don’t know / no answer	
V286	q4000_oth1	Q4000b. Can you please tell us what are your main sources for selling the harvest? Other. Specify 1	
V287	q389_1	q389_1. Which water source has been used for irrigation? Private connection to pipeline	
V288	q389_4	q389_4. Which water source has been used for irrigation? Public river, stream	
V289	q389_7	q389_7. Which water source has been used for irrigation? Water vendor	
V290	q389_96	q389_96. Which water source has been used for irrigation? Other specify 1:	
V291	q389_99	q389_99. Which water source has been used for irrigation? Don’t know / no answer	
V292	q389_oth1	q389_96. Which water source has been used for irrigation? Other specify 1:	
V293	q399	Q399. Please explain why you follow or do not follow the crop program and/or recommendations.	
V294	q397	Q397. Received a recommended growing protocol or crop program from an agricultural advisor?	
V295	q397b_oth1	Q397B. From whom did you receive the protocol/crop program? Other 1	
V296	q397b_oth2	Q397B. From whom did you receive the protocol/crop program? Other 2	
V297	q397c	Q397C. Did you receive a protocol/crop program from Syngenta?	
V298	q397d_oth	Q397.D. From which manufacturer have you received a protocol/crop program? OTHER	
V299	q35a_1	Q35.A. What group/association/cooperative are a member of? 1ST	
V300	q35a_2	Q35.A. What group/association/cooperative are a member of? 2ND	
V301	q35a_3	Q35.A. What group/association/cooperative are a member of? 3RD	
V302	q58	Q58. In general, what is the topography of your growing area?	
V303	q230_1	Bought seeds	
V304	q230_2	Saved seeds	
V305	q302	Q302. What is the percentage of decay for potato?	
V306	q303	Q303. What is the percentage of shrink loss for potato?	
V307	q4001	Q4001. % of crop lost in-between harvest and storage or selling <TARG1>?	
V308	q147	Q147. When have the young plants been planted ?	
V309	q247_1a	Q247. BUYER 1 % of yield	
V310	q247_2a	Q247. BUYER 2 % of yield	
V311	q247_3a	Q247. BUYER 3 % of yield	
V312	q247_4a	Q247. BUYER 4 % of yield	
V313	q247_5a	Q247. BUYER 5 % of yield	
V314	q247_1b	Q247. BUYER 1 price per metric ton	
V315	q247_2b	Q247. BUYER 2 price per metric ton	
V316	q247_3b	Q247. BUYER 3 price per metric ton	
V317	q247_4b	Q247. BUYER 4 price per metric ton	
V318	q247_5b	Q247. BUYER 5 price per metric ton	

ID	Name	Label	Question
V319	q301	Q301. What is the starch content per potato? (%)	

total: 244

Data file: Crop_protection

Cases:	0
variables:	32

variables

ID	Name	Label	Question
V320	harvestyear	Data collection wave	
V321	GrowingArea	To which field/plot does the information relate to?	
V322	ClusterID	Unique cluster ID	
V323	country	Country	
V324	Farmtype	FARMTYPE	
V325	GrowerID	Unique respondent ID	
V326	product	Unique code of a product within application	
V327	crop	The crop of focus	
V328	application	Unique code of an application per field per grower	
V329	q241a	Q241 a. Timing of product application	
V330	q241b	Q241 b.Type of product	
V331	q241c	Q241 c . Brand product name	
V332	q241c1	Q241 c1. Brand product formulation	
V333	c241c	CODED VARIABLE - stringcode	
V334	c241ca1	CODED VARIABLE - active ingredient1	
V335	c241cp1	CODED VARIABLE - amount of ai1	
V336	c241cu1	CODED VARIABLE - unit (% or Gr)	
V337	c241ca2	CODED VARIABLE - active ingredient2	
V338	c241cp2	CODED VARIABLE - amount of ai2	
V339	c241ca3	CODED VARIABLE - active ingredient3	
V340	c241cp3	CODED VARIABLE - amount of ai3	
V341	c241cpt	CODED VARIABLE - total amount of ai	
V342	q241d	CODED VARIABLE Q241 d. Dosage ?	
V343	q241e	CODED VARIABLE Q241 e. Unit of quantity	
V344	q241f	Q241 f. Amount of H2O solved in LITERS per <HECTARE>	
V345	q241g	Q241 g. Pest/disease/ weed targeted ?	
V346	q241h	Q241 h. Level of pest/ disease/ weed pressure	
V347	q241i	Q241 i. Percentage of the area treated against pests/ diseases/ weeds	
V348	q241j	Q241 j. Percentage of crop free of pests/ diseases/ weeds at harvest (in %)	
V349	q241k	Q241 k. Equipment type ?	
V350	q241n	Q241 n. What is the timing of the treatment - before crop-emergence or after crop-emergence	
V351	syngenta	CODED VARIABLE Syngenta product? (1 = YES; 0 = NO)	

total: 32

Data file: Location

Cases:	0
variables:	18

variables

ID	Name	Label	Question
V352	harvestyear	Year in which the data was collected	
V353	country	Country	
V354	ClusterID	Unique identifier per cluster	
V355	GrowerID	Unique identifier per grower	
V356	GrowingArea	Field code (A or B)	
V357	CORNER	Multiple corners of same field can be registered (only from 2018 onwards)	
V358	gps_option	gps_option	
V359	gps_shape	Description of the field (from 2018 onwards)	
V360	q22d_lat_deg	Latititude degrees	
V361	q22d_lat_min	Latititude minutes	
V362	q22d_lat_sec	Latititude seconds	
V363	q22d_lon_deg	Longitude degrees	
V364	q22d_lon_min	Longitude minutes	
V365	q22d_lon_sec	Longitude seconds	
V366	q151	Q151. Open field or in a greenhouse?	
V367	q1f	Q1. F. Would it be okay for you for this company to contact you with information on The GGP?	
V368	q25	Q25. Farm address - postal code	
V369	admin_level_1	administrative area 1	

total: 18

Data file: Activities and Machinery (Q382)

Cases:	0
variables:	9

variables

ID	Name	Label	Question
V370	harvestyear	Year in which the data was collected	
V371	country	Country	
V372	crop	Crop	
V373	ClusterID	Unique identifier per cluster	
V374	farmtype	Reference farms versus Benchmark farms	
V375	GrowerID	Unique identifier per grower	
V376	GrowingArea	Field code (A or B)	
V377	activity	Which activities did the grower do on his field?	
V378	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
JapanPotato1	JapanPotato1
JapanPotato2	JapanPotato2

COUNTRY: Country

Data file: fertilizers

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Japan	Japan

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
22100100	22100100
22100200	22100200
22100300	22100300
22100400	22100400
22100500	22100500
22110600	22110600
22110700	22110700
22110701	22110701
22110702	22110702
22110800	22110800
22110900	22110900
22111000	22111000
22111001	22111001
22111002	22111002
22111100	22111100
22200100	22200100
22200600	22200600
22201100	22201100
22201200	22201200
22201300	22201300
22201400	22201400
22202000	22202000
22202100	22202100
22202300	22202300
22202500	22202500
22202700	22202700
22203500	22203500
22203600	22203600
22203800	22203800
22204100	22204100
22204200	22204200
22204600	22204600
22204700	22204700
22204800	22204800
22204900	22204900

22205000	22205000
22205100	22205100
22206100	22206100
22206200	22206200
22206300	22206300
22206400	22206400
22206700	22206700
22206900	22206900
22207000	22207000
22207100	22207100
22207200	22207200
22207300	22207300
22207400	22207400
22210300	22210300
22210400	22210400
22210500	22210500
22210600	22210600
22210700	22210700
22210800	22210800
22220100	22220100
22220200	22220200
22220300	22220300
22220400	22220400
22220500	22220500
22220600	22220600
22220700	22220700
22220900	22220900
22230100	22230100
22230200	22230200
22230300	22230300
22230400	22230400
22230500	22230500
22230600	22230600
22230700	22230700
22230800	22230800
22231000	22231000
22240100	22240100
22240200	22240200
22240300	22240300

22240400	22240400
22240500	22240500
22240600	22240600
22240700	22240700
22240800	22240800
22250200	22250200
22250300	22250300
22250400	22250400
22250500	22250500
22250600	22250600
22250700	22250700

PRODUCT: Unique code of a product that was applied

Data file: fertilizers

Overview

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

Questions and instructions

CATEGORIES

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

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
Potato	Potato

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
2015-04-14	2015-04-14
2015-04-23	2015-04-23
2015-04-24	2015-04-24
2015-04-25	2015-04-25
2015-04-26	2015-04-26
2015-04-27	2015-04-27
2015-04-28	2015-04-28
2015-04-29	2015-04-29
2015-04-30	2015-04-30
2015-05-01	2015-05-01
2015-05-02	2015-05-02
2015-05-03	2015-05-03
2015-05-04	2015-05-04
2015-05-05	2015-05-05
2015-05-06	2015-05-06
2015-05-08	2015-05-08
2015-05-09	2015-05-09
2015-05-10	2015-05-10
2015-05-12	2015-05-12
2015-05-15	2015-05-15
2015-05-16	2015-05-16
2015-05-17	2015-05-17
2015-05-18	2015-05-18
2015-05-20	2015-05-20
2015-05-22	2015-05-22

2015-05-23	2015-05-23
2015-05-25	2015-05-25
2015-05-27	2015-05-27
2015-05-28	2015-05-28
2015-05-29	2015-05-29
2015-06-06	2015-06-06
2015-06-08	2015-06-08
2015-06-15	2015-06-15
2015-06-30	2015-06-30
2015-07-24	2015-07-24
2017-04-13	2017-04-13
2017-04-14	2017-04-14
2017-04-16	2017-04-16
2017-04-20	2017-04-20
2017-04-24	2017-04-24
2017-04-25	2017-04-25
2017-04-26	2017-04-26
2017-04-27	2017-04-27
2017-04-28	2017-04-28
2017-04-29	2017-04-29
2017-04-30	2017-04-30
2017-05-01	2017-05-01
2017-05-02	2017-05-02
2017-05-03	2017-05-03
2017-05-04	2017-05-04
2017-05-05	2017-05-05
2017-05-06	2017-05-06
2017-05-07	2017-05-07
2017-05-08	2017-05-08
2017-05-09	2017-05-09
2017-05-11	2017-05-11
2017-05-13	2017-05-13
2017-05-14	2017-05-14
2017-05-18	2017-05-18
2017-05-19	2017-05-19
2017-05-20	2017-05-20
2017-05-21	2017-05-21
2017-05-22	2017-05-22
2017-05-24	2017-05-24

2017-05-25	2017-05-25
2017-05-28	2017-05-28
2017-06-06	2017-06-06
2017-06-10	2017-06-10
2017-06-12	2017-06-12
2017-06-16	2017-06-16
2017-06-17	2017-06-17
2017-06-28	2017-06-28
2017-06-29	2017-06-29
2017-07-05	2017-07-05
2017-08-01	2017-08-01
2017-12-01	2017-12-01
2018-04-17	2018-04-17
2018-04-18	2018-04-18
2018-04-19	2018-04-19
2018-04-20	2018-04-20
2018-04-22	2018-04-22
2018-04-23	2018-04-23
2018-04-24	2018-04-24
2018-04-25	2018-04-25
2018-04-26	2018-04-26
2018-04-27	2018-04-27
2018-04-28	2018-04-28
2018-04-29	2018-04-29
2018-04-30	2018-04-30
2018-05-01	2018-05-01
2018-05-02	2018-05-02
2018-05-03	2018-05-03
2018-05-05	2018-05-05
2018-05-06	2018-05-06
2018-05-09	2018-05-09
2018-05-10	2018-05-10
2018-05-11	2018-05-11
2018-05-12	2018-05-12
2018-05-13	2018-05-13
2018-05-14	2018-05-14
2018-05-15	2018-05-15
2018-05-16	2018-05-16
2018-05-18	2018-05-18

2018-05-21	2018-05-21
2018-05-22	2018-05-22
2018-05-24	2018-05-24
2018-05-25	2018-05-25
2018-05-26	2018-05-26
2018-05-27	2018-05-27
2018-05-29	2018-05-29
2018-06-04	2018-06-04
2018-06-05	2018-06-05
2018-06-24	2018-06-24
2018-07-10	2018-07-10
2018-07-16	2018-07-16
2018-07-19	2018-07-19
2018-07-24	2018-07-24
2018-08-07	2018-08-07
2018-08-19	2018-08-19
2018-08-29	2018-08-29
2019-04-20	2019-04-20
2019-04-22	2019-04-22
2019-04-23	2019-04-23
2019-04-25	2019-04-25
2019-04-26	2019-04-26
2019-04-28	2019-04-28
2019-04-29	2019-04-29
2019-04-30	2019-04-30
2019-05-01	2019-05-01
2019-05-02	2019-05-02
2019-05-03	2019-05-03
2019-05-04	2019-05-04
2019-05-05	2019-05-05
2019-05-06	2019-05-06
2019-05-08	2019-05-08
2019-05-09	2019-05-09
2019-05-10	2019-05-10
2019-05-11	2019-05-11
2019-05-12	2019-05-12
2019-05-14	2019-05-14
2019-05-15	2019-05-15
2019-05-16	2019-05-16

2019-05-17	2019-05-17
2019-05-18	2019-05-18
2019-05-19	2019-05-19
2019-05-20	2019-05-20
2019-05-26	2019-05-26
2019-06-10	2019-06-10
2019-06-14	2019-06-14
2019-06-25	2019-06-25
2019-07-01	2019-07-01
2019-07-05	2019-07-05
2019-07-30	2019-07-30

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

Data file: fertilizers

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 10.084 - 3628.8 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 - 0 Format: Numeric

Q229CG: Q229C g. Percentage N (in %)

Data file: fertilizers

Overview

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

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

Data file: fertilizers

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 45 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 - 27 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
Granular applicator	Granular applicator
Motorized boom sprayer	Motorized boom sprayer
Other	Other

HARVESTYEAR: Data collection wave

Data file: seed_treatment

Overview

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

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

Data file: seed_treatment

Overview

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

Questions and instructions

CATEGORIES

Value	Category
A	A
B	B

CLUSTERID: Unique cluster ID

Data file: seed_treatment

Overview

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

Questions and instructions

CATEGORIES

Value	Category
JapanPotato1	JapanPotato1
JapanPotato2	JapanPotato2

COUNTRY: Country

Data file: seed_treatment

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Japan	Japan

FARMTYPE: FARMTYPE

Data file: seed_treatment

Overview

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

Questions and instructions

CATEGORIES

Value	Category
BF	BF
RF	RF

GROWERID: Unique respondent ID

Data file: seed_treatment

Overview

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

Questions and instructions

CATEGORIES

Value	Category
22100100	22100100
22100200	22100200
22100400	22100400
22100500	22100500
22110600	22110600
22110700	22110700
22110701	22110701
22110702	22110702
22110800	22110800

22110900	22110900
22111000	22111000
22111001	22111001
22111100	22111100
22200100	22200100
22200400	22200400
22200600	22200600
22201100	22201100
22201200	22201200
22201400	22201400
22202000	22202000
22202100	22202100
22202300	22202300
22202500	22202500
22202700	22202700
22203500	22203500
22203600	22203600
22203800	22203800
22204100	22204100
22204200	22204200
22204600	22204600
22204700	22204700
22204800	22204800
22205000	22205000
22205100	22205100
22206100	22206100
22206200	22206200
22206300	22206300
22206400	22206400
22206700	22206700
22206900	22206900
22207000	22207000
22207100	22207100
22207200	22207200
22207300	22207300
22207400	22207400
22210100	22210100
22210200	22210200
22210300	22210300

22210400	22210400
22210500	22210500
22210600	22210600
22210700	22210700
22210800	22210800
22220100	22220100
22220200	22220200
22220300	22220300
22220400	22220400
22220500	22220500
22220600	22220600
22220700	22220700
22220800	22220800
22220900	22220900
22230100	22230100
22230200	22230200
22230300	22230300
22230400	22230400
22230500	22230500
22230600	22230600
22230800	22230800
22240100	22240100
22240200	22240200
22240300	22240300
22240400	22240400
22240500	22240500
22240600	22240600
22240700	22240700
22240800	22240800
22250200	22250200
22250300	22250300
22250400	22250400
22250500	22250500
22250600	22250600
22250700	22250700

PRODUCT: Unique code of a product that was applied

Data file: seed_treatment

Overview

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

Questions and instructions

CATEGORIES

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

CROP: The crop of focus

Data file: seed_treatment

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Potato	Potato

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

Data file: seed_treatment

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 242.016 - 3025.2 Format: Numeric

Q233C_A: Q233C. a. Timing of product application

Data file: seed_treatment

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-10-15	2014-10-15
2015-03-30	2015-03-30
2015-04-01	2015-04-01
2015-04-02	2015-04-02
2015-04-03	2015-04-03
2015-04-04	2015-04-04
2015-04-09	2015-04-09
2015-04-10	2015-04-10
2015-04-12	2015-04-12
2015-04-15	2015-04-15
2015-04-16	2015-04-16
2016-04-02	2016-04-02
2016-04-09	2016-04-09
2016-04-10	2016-04-10
2016-04-12	2016-04-12
2016-04-13	2016-04-13
2016-04-14	2016-04-14
2016-04-15	2016-04-15
2016-04-16	2016-04-16
2016-04-17	2016-04-17
2016-04-19	2016-04-19
2016-04-20	2016-04-20
2016-04-24	2016-04-24
2016-04-25	2016-04-25
2016-04-26	2016-04-26
2016-04-27	2016-04-27
2016-04-30	2016-04-30
2016-05-01	2016-05-01
2016-05-02	2016-05-02
2016-05-04	2016-05-04
2016-05-07	2016-05-07
2016-05-08	2016-05-08
2016-05-09	2016-05-09
2016-05-10	2016-05-10
2016-05-11	2016-05-11

2016-05-13	2016-05-13
2016-10-20	2016-10-20
2017-03-25	2017-03-25
2017-03-27	2017-03-27
2017-04-01	2017-04-01
2017-04-02	2017-04-02
2017-04-03	2017-04-03
2017-04-04	2017-04-04
2017-04-06	2017-04-06
2017-04-07	2017-04-07
2017-04-08	2017-04-08
2017-04-09	2017-04-09
2017-04-10	2017-04-10
2017-04-11	2017-04-11
2017-04-12	2017-04-12
2017-04-14	2017-04-14
2017-04-15	2017-04-15
2017-04-16	2017-04-16
2017-04-19	2017-04-19
2017-05-19	2017-05-19
2018-03-27	2018-03-27
2018-04-01	2018-04-01
2018-04-02	2018-04-02
2018-04-03	2018-04-03
2018-04-05	2018-04-05
2018-04-08	2018-04-08
2018-04-09	2018-04-09
2018-04-10	2018-04-10
2018-04-11	2018-04-11
2018-04-12	2018-04-12
2018-04-13	2018-04-13
2018-04-15	2018-04-15
2018-04-18	2018-04-18
2018-05-09	2018-05-09
2018-05-24	2018-05-24
2019-03-19	2019-03-19
2019-03-20	2019-03-20
2019-04-01	2019-04-01
2019-04-04	2019-04-04

2019-04-07	2019-04-07
2019-04-10	2019-04-10
2019-04-11	2019-04-11
2019-04-12	2019-04-12
2019-04-14	2019-04-14
2019-04-20	2019-04-20
2019-04-26	2019-04-26
2019-05-03	2019-05-03

Q233C_B: Q233C. b.Type of product

Data file: seed_treatment

Overview

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

Questions and instructions

CATEGORIES

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

Q233C_C: Q233C. c. Brand product name

Data file: seed_treatment

Overview

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q233C_C2: Q233C. c2. Brand product formulation

Data file: seed_treatment

Overview

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

C233C_C: CODED VARIABLE - stringcode

Data file: seed_treatment

Overview

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

C233CA1: CODED VARIABLE - active ingredient1

Data file: seed_treatment

Overview

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

Questions and instructions

CATEGORIES

Value	Category
ACETAMIPRID	ACETAMIPRID
CU-CHLORIDE	CU-CHLORIDE
CYAZOFAMID	CYAZOFAMID
CYPERMETHRIN	CYPERMETHRIN
Do not know	Do not know

FLUAZINAM	FLUAZINAM
FLUOPICOLIDE*	FLUOPICOLIDE*
FLUTOLANIL	FLUTOLANIL
MANCOZEB (VONDOZEB)	MANCOZEB (VONDOZEB)
METRIBUZIN	METRIBUZIN
OXOLINIC-ACID	OXOLINIC-ACID
PENCYCURON	PENCYCURON
STREPTOMYCIN SULFATE	STREPTOMYCIN SULFATE
THIAMETHOXAM	THIAMETHOXAM
VALIDAMYCIN	VALIDAMYCIN

C233CP1: CODED VARIABLE - amount of ai1

Data file: seed_treatment

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 5 - 500 Format: Numeric

C233CU1: CODED VARIABLE - unit (% or Gr)

Data file: seed_treatment

Overview

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

Questions and instructions

CATEGORIES

Value	Category
%	%
g/l	g/l

C233CA2: CODED VARIABLE - active ingredient2

Data file: seed_treatment

Overview

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

Questions and instructions

CATEGORIES

Value	Category
OXYTETRACYCLINE*	OXYTETRACYCLINE*
POLYOXYETHYLEN-NON-E	POLYOXYETHYLEN-NON-E
PROPAMOCARB-HCL	PROPAMOCARB-HCL
STREPTOMYCIN NITRATE	STREPTOMYCIN NITRATE
STREPTOMYCIN SULFATE	STREPTOMYCIN SULFATE

C233CP2: CODED VARIABLE - amount of ai2

Data file: seed_treatment

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 1.8 - 55.5 Format: Numeric

C233CA3: CODED VARIABLE - active ingredient3

Data file: seed_treatment

Overview

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

Questions and instructions

CATEGORIES

Value	Category
COPPER-HYDROXIDE	COPPER-HYDROXIDE

C233CP3: CODED VARIABLE - amount of ai3

Data file: seed_treatment

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 38.4 - 38.4 Format: Numeric

Q233C_D: Q233C. d. PRODUCT 1: Dosage

Data file: seed_treatment

Overview

Valid: 0 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 1 - 49 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	100
2	1
3	2
4	0.5
5	2.5
6	200
7	5
8	4
9	3
10	30
11	1000
12	1.5
13	0.8
14	1008.4
15	10084
16	5042
17	2016.8
18	3025.2
19	413.44399999999996
20	403.36
21	1431.9279999999999
22	715.96399999999994
23	1260.5
24	167.39440000000002
25	335.79719999999998
26	1099.1559999999999
27	504.2
28	453.78
29	221.84799999999998
30	201.68
31	332.77199999999999
32	342.85599999999999

33	171.428
34	2521
35	4033.6
36	40336
37	50420
38	33277.199999999997
39	378
40	10.1
41	20.2
42	60.5
43	30.3
44	90.756
45	554.62
46	756
47	20160
48	10080
49	5040

Q233C_E: Q233C. e. PRODUCT 1: Unit of quantity

Data file: seed_treatment

Overview

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

Questions and instructions

CATEGORIES

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

Q233C_F: Q233C. f. PRODUCT 1: Amount of H2O solved in LITERS per

Data file: seed_treatment

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 8.77308 - 75600 Format: Numeric

Q233C_G: Q233C. g. PRODUCT 1: Pest/disease/ weed targeted

Data file: seed_treatment

Overview

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

Questions and instructions

CATEGORIES

Value	Category
-1	-1
99	99
Aphid	Aphid
Black Spots	Black Spots
Black Spots, Potato Scab	Black Spots, Potato Scab
Black Spots, Potato Scab, Pectobacterium	Black Spots, Potato Scab, Pectobacterium
Black Spots, Potato Scab,Pectobacterium	Black Spots, Potato Scab,Pectobacterium
Black Spots, Potato Scab?Pectobacterium	Black Spots, Potato Scab?Pectobacterium
Black scurf	Black scurf
Blackfoot disease	Blackfoot disease
Blackfoot disease?Common scab	Blackfoot disease?Common scab
Blight	Blight
Common scab	Common scab
Common scab /Black leg	Common scab /Black leg
Common scab?Blackfoot disease	Common scab?Blackfoot disease
Common scab?Blackfoot disease?Black scurf	Common scab?Blackfoot disease?Black scurf
DK	DK
Don't know / no answer	Don't know / no answer
Nothing	Nothing
Pectobacterium	Pectobacterium
Pectobacterium Potato Scab	Pectobacterium Potato Scab
Pectobacterium,Potato Scab	Pectobacterium,Potato Scab
Pectobacterium,Potato scab	Pectobacterium,Potato scab
Pectobacterium,Thanatephorus cucumeris	Pectobacterium,Thanatephorus cucumeris
Pectobacterium,potato scab	Pectobacterium,potato scab
Potato Scab	Potato Scab
Potato Scab Pectobacterium	Potato Scab Pectobacterium
Potato Scab, Black Spots	Potato Scab, Black Spots

Potato Scab, Pectobacterium	Potato Scab, Pectobacterium
Potato Scab,Pectobacterium	Potato Scab,Pectobacterium
Potato scab	Potato scab
Potato scab,Pectobacterium	Potato scab,Pectobacterium
Potato scab,Thanatephorus cucumeris	Potato scab,Thanatephorus cucumeris
Potato scab,pectobacterium	Potato scab,pectobacterium
Potato scab,thanatephorus cucumeris	Potato scab,thanatephorus cucumeris
Potato scab.pectobacterium	Potato scab.pectobacterium
Potato scab.pectobacterium.	Potato scab.pectobacterium.
Root rot	Root rot
Soft rot	Soft rot
Thanatephorus cucumeris	Thanatephorus cucumeris
Thanatephorus cucumeris Potato Scab	Thanatephorus cucumeris Potato Scab
Thanatephorus cucumeris,Pectobacterium	Thanatephorus cucumeris,Pectobacterium
Thanatephorus cucumeris,Potato scab	Thanatephorus cucumeris,Potato scab
Thanatephorus cucumeris,pectobacterium	Thanatephorus cucumeris,pectobacterium
Thanatephorus cucumeris,potato scab	Thanatephorus cucumeris,potato scab
Thanatephorus cucumeris.	Thanatephorus cucumeris.
Weeds	Weeds

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

Data file: seed_treatment

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	Yes
2	No

HARVESTYEAR: Data collection wave

Data file: Farm_level_data

Overview

Valid: 0 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 2014 - 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 north east	asia north 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
japanpotato1	japanpotato1
japanpotato2	japanpotato2
japanpotato3	japanpotato3

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
Japan	Japan

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
22100100	22100100
22100200	22100200
22100300	22100300
22100400	22100400
22100500	22100500
22110100	22110100
22110200	22110200
22110300	22110300
22110401	22110401
22110402	22110402
22110500	22110500
22110600	22110600
22110700	22110700
22110701	22110701
22110702	22110702
22110800	22110800
22110900	22110900
22111000	22111000
22111001	22111001
22111002	22111002

22111100	22111100
22200100	22200100
22200200	22200200
22200400	22200400
22200600	22200600
22200700	22200700
22200900	22200900
22201100	22201100
22201200	22201200
22201300	22201300
22201400	22201400
22201800	22201800
22201900	22201900
22202000	22202000
22202100	22202100
22202300	22202300
22202400	22202400
22202500	22202500
22202700	22202700
22203500	22203500
22203600	22203600
22203700	22203700
22203800	22203800
22203900	22203900
22204000	22204000
22204100	22204100
22204200	22204200
22204400	22204400
22204500	22204500
22204600	22204600
22204700	22204700
22204800	22204800
22204900	22204900
22205000	22205000
22205100	22205100
22206100	22206100
22206200	22206200
22206300	22206300
22206400	22206400

22206700	22206700
22206900	22206900
22207000	22207000
22207100	22207100
22207200	22207200
22207300	22207300
22207400	22207400
22210100	22210100
22210200	22210200
22210300	22210300
22210400	22210400
22210500	22210500
22210600	22210600
22210700	22210700
22210800	22210800
22220100	22220100
22220200	22220200
22220300	22220300
22220400	22220400
22220500	22220500
22220600	22220600
22220700	22220700
22220800	22220800
22220900	22220900
22230100	22230100
22230200	22230200
22230300	22230300
22230400	22230400
22230500	22230500
22230600	22230600
22230700	22230700
22230800	22230800
22230900	22230900
22231000	22231000
22240100	22240100
22240200	22240200
22240300	22240300
22240400	22240400
22240500	22240500

22240600	22240600
22240700	22240700
22240800	22240800
22250200	22250200
22250300	22250300
22250400	22250400
22250500	22250500
22250600	22250600
22250700	22250700

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
potato	potato

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 - 100 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: 4 - 380 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: 19.8412698412698 - 1340 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: 14 - 60.48 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: 0.0782897346499927 - 0.859447309268809 Format: Numeric

NUTRIENTEFFICIENCY: Kgs of nitrogen used per ton produced

Data file: Farm_level_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 40.4 Format: Numeric

PHOSPHORUSEFFICIENCY: Kgs of phosphorus used per ton produced

Data file: Farm_level_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 22.5666666666667 Format: Numeric

POTASSIUMEFFICIENCY: Kgs of potassium used per ton produced

Data file: Farm_level_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 33.615 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: 8.88888888888889 - 333.333333333333 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: 0.00146934782608696 - 2.66666666666667 Format: Numeric

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

Data file: Farm_level_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 0.14 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: 6.582209440698e-05 - 2.66666666666667 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 - 1.33658333333333 Format: Numeric

IRRIGATIONWATEREFFICIENCY: Litres of irrigation water used per ton produced

Data file: Farm_level_data

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 625 Format: Numeric

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

Data file: Farm_level_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 0.0709826927493267 - 12.6111111111111 Format: Numeric

MACHINERYEFFICIENCY: Amount of machinery used in hours per unit of crop output produced

Data file: Farm_level_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 0.0459376531255104 - 7.61458333333333 Format: Numeric

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

Data file: Farm_level_data

Overview

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

USER_VS_NON_USER: Does the grower use Syngenta products?

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

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

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

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

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

FIELD_PREPARATION: Date of first field preparation

Data file: Farm_level_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2013-10-30	2013-10-30
2013-11-02	2013-11-02
2013-11-06	2013-11-06
2013-11-15	2013-11-15
2014-04-07	2014-04-07
2014-04-08	2014-04-08
2014-04-09	2014-04-09
2014-04-14	2014-04-14
2014-04-15	2014-04-15
2014-04-18	2014-04-18
2014-04-19	2014-04-19
2014-04-20	2014-04-20
2014-04-21	2014-04-21
2014-04-22	2014-04-22
2014-04-23	2014-04-23

2014-04-25	2014-04-25
2014-04-26	2014-04-26
2014-04-28	2014-04-28
2014-04-29	2014-04-29
2014-05-01	2014-05-01
2014-05-02	2014-05-02
2014-05-04	2014-05-04
2014-10-15	2014-10-15
2014-10-31	2014-10-31
2014-11-20	2014-11-20
2014-11-30	2014-11-30
2015-03-03	2015-03-03
2015-04-01	2015-04-01
2015-04-02	2015-04-02
2015-04-03	2015-04-03
2015-04-04	2015-04-04
2015-04-05	2015-04-05
2015-04-09	2015-04-09
2015-04-10	2015-04-10
2015-04-12	2015-04-12
2015-04-14	2015-04-14
2015-04-15	2015-04-15
2015-04-19	2015-04-19
2015-04-20	2015-04-20
2015-04-22	2015-04-22
2015-04-24	2015-04-24
2015-04-25	2015-04-25
2015-04-26	2015-04-26
2015-04-27	2015-04-27
2015-04-28	2015-04-28
2015-04-30	2015-04-30
2015-05-01	2015-05-01
2015-05-02	2015-05-02
2015-05-05	2015-05-05
2015-05-08	2015-05-08
2015-05-17	2015-05-17
2015-05-27	2015-05-27
2015-10-01	2015-10-01
2015-10-10	2015-10-10

2015-10-11	2015-10-11
2015-10-20	2015-10-20
2015-11-15	2015-11-15
2016-04-01	2016-04-01
2016-04-12	2016-04-12
2016-04-14	2016-04-14
2016-04-15	2016-04-15
2016-04-16	2016-04-16
2016-04-17	2016-04-17
2016-04-19	2016-04-19
2016-04-20	2016-04-20
2016-04-23	2016-04-23
2016-04-24	2016-04-24
2016-04-25	2016-04-25
2016-04-26	2016-04-26
2016-04-27	2016-04-27
2016-04-30	2016-04-30
2016-05-01	2016-05-01
2016-05-02	2016-05-02
2016-05-03	2016-05-03
2016-05-04	2016-05-04
2016-05-07	2016-05-07
2016-05-08	2016-05-08
2016-05-09	2016-05-09
2016-05-10	2016-05-10
2016-05-11	2016-05-11
2016-05-13	2016-05-13
2016-05-15	2016-05-15
2016-05-23	2016-05-23
2016-10-15	2016-10-15
2017-04-10	2017-04-10
2017-04-13	2017-04-13
2017-04-14	2017-04-14
2017-04-15	2017-04-15
2017-04-16	2017-04-16
2017-04-20	2017-04-20
2017-04-24	2017-04-24
2017-04-25	2017-04-25
2017-04-27	2017-04-27

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

2018-05-22	2018-05-22
2018-05-26	2018-05-26
2019-04-15	2019-04-15
2019-04-16	2019-04-16
2019-04-18	2019-04-18
2019-04-20	2019-04-20
2019-04-21	2019-04-21
2019-04-23	2019-04-23
2019-04-24	2019-04-24
2019-04-25	2019-04-25
2019-04-26	2019-04-26
2019-04-27	2019-04-27
2019-04-28	2019-04-28
2019-04-30	2019-04-30
2019-05-01	2019-05-01
2019-05-02	2019-05-02
2019-05-03	2019-05-03
2019-05-04	2019-05-04
2019-05-05	2019-05-05
2019-05-07	2019-05-07
2019-05-08	2019-05-08
2019-05-10	2019-05-10
2019-05-12	2019-05-12
2019-05-14	2019-05-14
2019-05-19	2019-05-19
2019-05-28	2019-05-28

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
2014-04-22	2014-04-22

2014-04-23	2014-04-23
2014-04-24	2014-04-24
2014-04-25	2014-04-25
2014-04-26	2014-04-26
2014-04-27	2014-04-27
2014-04-28	2014-04-28
2014-04-29	2014-04-29
2014-04-30	2014-04-30
2014-05-01	2014-05-01
2014-05-02	2014-05-02
2014-05-03	2014-05-03
2014-05-04	2014-05-04
2014-05-06	2014-05-06
2014-05-08	2014-05-08
2014-05-10	2014-05-10
2014-05-11	2014-05-11
2014-05-15	2014-05-15
2014-05-20	2014-05-20
2015-04-20	2015-04-20
2015-04-23	2015-04-23
2015-04-24	2015-04-24
2015-04-25	2015-04-25
2015-04-26	2015-04-26
2015-04-27	2015-04-27
2015-04-28	2015-04-28
2015-04-29	2015-04-29
2015-04-30	2015-04-30
2015-05-01	2015-05-01
2015-05-02	2015-05-02
2015-05-03	2015-05-03
2015-05-04	2015-05-04
2015-05-06	2015-05-06
2015-05-09	2015-05-09
2015-05-10	2015-05-10
2015-05-17	2015-05-17
2015-05-25	2015-05-25
2015-05-27	2015-05-27
2016-04-15	2016-04-15
2016-04-17	2016-04-17

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

2017-05-02	2017-05-02
2017-05-03	2017-05-03
2017-05-04	2017-05-04
2017-05-05	2017-05-05
2017-05-06	2017-05-06
2017-05-07	2017-05-07
2017-05-08	2017-05-08
2017-05-09	2017-05-09
2017-05-10	2017-05-10
2017-05-11	2017-05-11
2017-05-12	2017-05-12
2017-05-13	2017-05-13
2017-05-18	2017-05-18
2017-05-20	2017-05-20
2017-05-21	2017-05-21
2017-06-06	2017-06-06
2018-04-17	2018-04-17
2018-04-18	2018-04-18
2018-04-19	2018-04-19
2018-04-20	2018-04-20
2018-04-22	2018-04-22
2018-04-23	2018-04-23
2018-04-24	2018-04-24
2018-04-25	2018-04-25
2018-04-26	2018-04-26
2018-04-27	2018-04-27
2018-04-28	2018-04-28
2018-04-29	2018-04-29
2018-04-30	2018-04-30
2018-05-01	2018-05-01
2018-05-02	2018-05-02
2018-05-05	2018-05-05
2018-05-06	2018-05-06
2018-05-08	2018-05-08
2018-05-09	2018-05-09
2018-05-10	2018-05-10
2018-05-11	2018-05-11
2018-05-12	2018-05-12
2018-05-13	2018-05-13

2018-05-14	2018-05-14
2018-05-15	2018-05-15
2018-05-16	2018-05-16
2018-05-21	2018-05-21
2018-05-24	2018-05-24
2018-05-29	2018-05-29
2019-04-20	2019-04-20
2019-04-22	2019-04-22
2019-04-23	2019-04-23
2019-04-25	2019-04-25
2019-04-26	2019-04-26
2019-04-29	2019-04-29
2019-04-30	2019-04-30
2019-05-01	2019-05-01
2019-05-02	2019-05-02
2019-05-03	2019-05-03
2019-05-04	2019-05-04
2019-05-05	2019-05-05
2019-05-06	2019-05-06
2019-05-08	2019-05-08
2019-05-09	2019-05-09
2019-05-10	2019-05-10
2019-05-11	2019-05-11
2019-05-12	2019-05-12
2019-05-14	2019-05-14
2019-05-16	2019-05-16
2019-05-19	2019-05-19
2019-05-29	2019-05-29

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
2014-08-08	2014-08-08
2014-08-10	2014-08-10
2014-08-13	2014-08-13
2014-08-20	2014-08-20
2014-08-21	2014-08-21
2014-08-23	2014-08-23
2014-08-24	2014-08-24
2014-08-25	2014-08-25
2014-08-26	2014-08-26
2014-08-28	2014-08-28
2014-08-29	2014-08-29
2014-08-30	2014-08-30
2014-08-31	2014-08-31
2014-09-01	2014-09-01
2014-09-03	2014-09-03
2014-09-04	2014-09-04
2014-09-07	2014-09-07
2014-09-08	2014-09-08
2014-09-10	2014-09-10
2014-09-11	2014-09-11
2014-09-14	2014-09-14
2014-09-15	2014-09-15
2014-09-18	2014-09-18
2014-09-20	2014-09-20
2014-09-24	2014-09-24
2014-09-25	2014-09-25
2014-09-26	2014-09-26
2014-10-01	2014-10-01
2015-08-05	2015-08-05
2015-08-10	2015-08-10
2015-08-12	2015-08-12
2015-08-20	2015-08-20
2015-08-21	2015-08-21
2015-08-23	2015-08-23
2015-08-24	2015-08-24
2015-08-25	2015-08-25
2015-08-26	2015-08-26
2015-08-27	2015-08-27

2015-08-28	2015-08-28
2015-08-30	2015-08-30
2015-09-01	2015-09-01
2015-09-02	2015-09-02
2015-09-03	2015-09-03
2015-09-04	2015-09-04
2015-09-05	2015-09-05
2015-09-08	2015-09-08
2015-09-10	2015-09-10
2015-09-12	2015-09-12
2015-09-14	2015-09-14
2015-09-15	2015-09-15
2015-09-17	2015-09-17
2015-09-21	2015-09-21
2015-09-22	2015-09-22
2015-09-25	2015-09-25
2015-09-29	2015-09-29
2015-09-30	2015-09-30
2015-10-04	2015-10-04
2015-10-12	2015-10-12
2015-10-15	2015-10-15
2016-08-03	2016-08-03
2016-08-04	2016-08-04
2016-08-07	2016-08-07
2016-08-08	2016-08-08
2016-08-10	2016-08-10
2016-08-17	2016-08-17
2016-08-20	2016-08-20
2016-08-23	2016-08-23
2016-08-27	2016-08-27
2016-08-28	2016-08-28
2016-08-29	2016-08-29
2016-08-30	2016-08-30
2016-09-01	2016-09-01
2016-09-02	2016-09-02
2016-09-03	2016-09-03
2016-09-04	2016-09-04
2016-09-05	2016-09-05
2016-09-06	2016-09-06

2016-09-07	2016-09-07
2016-09-08	2016-09-08
2016-09-10	2016-09-10
2016-09-12	2016-09-12
2016-09-15	2016-09-15
2016-09-16	2016-09-16
2016-09-17	2016-09-17
2016-09-18	2016-09-18
2016-09-20	2016-09-20
2016-09-21	2016-09-21
2016-09-23	2016-09-23
2016-09-25	2016-09-25
2016-09-26	2016-09-26
2016-09-28	2016-09-28
2016-09-29	2016-09-29
2016-10-01	2016-10-01
2016-10-07	2016-10-07
2016-10-08	2016-10-08
2017-08-03	2017-08-03
2017-08-11	2017-08-11
2017-08-12	2017-08-12
2017-08-20	2017-08-20
2017-08-22	2017-08-22
2017-08-23	2017-08-23
2017-08-24	2017-08-24
2017-08-25	2017-08-25
2017-08-27	2017-08-27
2017-08-28	2017-08-28
2017-08-29	2017-08-29
2017-09-01	2017-09-01
2017-09-02	2017-09-02
2017-09-03	2017-09-03
2017-09-04	2017-09-04
2017-09-05	2017-09-05
2017-09-06	2017-09-06
2017-09-07	2017-09-07
2017-09-08	2017-09-08
2017-09-09	2017-09-09
2017-09-10	2017-09-10

2017-09-11	2017-09-11
2017-09-13	2017-09-13
2017-09-15	2017-09-15
2017-09-16	2017-09-16
2017-09-17	2017-09-17
2017-09-20	2017-09-20
2017-09-21	2017-09-21
2017-09-22	2017-09-22
2017-09-23	2017-09-23
2017-09-25	2017-09-25
2017-09-26	2017-09-26
2017-09-30	2017-09-30
2017-10-01	2017-10-01
2017-10-05	2017-10-05
2017-10-21	2017-10-21
2018-08-03	2018-08-03
2018-08-17	2018-08-17
2018-08-20	2018-08-20
2018-08-22	2018-08-22
2018-08-24	2018-08-24
2018-08-25	2018-08-25
2018-08-26	2018-08-26
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
2018-09-10	2018-09-10
2018-09-11	2018-09-11
2018-09-12	2018-09-12
2018-09-14	2018-09-14
2018-09-15	2018-09-15
2018-09-16	2018-09-16
2018-09-18	2018-09-18

2018-09-19	2018-09-19
2018-09-21	2018-09-21
2018-09-22	2018-09-22
2018-09-25	2018-09-25
2018-09-26	2018-09-26
2018-09-27	2018-09-27
2018-09-28	2018-09-28
2018-09-29	2018-09-29
2018-10-01	2018-10-01
2018-10-10	2018-10-10
2019-08-02	2019-08-02
2019-08-22	2019-08-22
2019-08-26	2019-08-26
2019-08-28	2019-08-28
2019-09-02	2019-09-02
2019-09-03	2019-09-03
2019-09-04	2019-09-04
2019-09-05	2019-09-05
2019-09-06	2019-09-06
2019-09-07	2019-09-07
2019-09-08	2019-09-08
2019-09-09	2019-09-09
2019-09-10	2019-09-10
2019-09-11	2019-09-11
2019-09-12	2019-09-12
2019-09-13	2019-09-13
2019-09-14	2019-09-14
2019-09-15	2019-09-15
2019-09-18	2019-09-18
2019-09-25	2019-09-25
2019-09-26	2019-09-26
2019-09-27	2019-09-27
2019-09-29	2019-09-29
2019-10-01	2019-10-01
2019-10-10	2019-10-10
2019-10-19	2019-10-19

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
2014-08-25	2014-08-25
2014-08-30	2014-08-30
2014-08-31	2014-08-31
2014-09-03	2014-09-03
2014-09-04	2014-09-04
2014-09-06	2014-09-06
2014-09-08	2014-09-08
2014-09-10	2014-09-10
2014-09-12	2014-09-12
2014-09-14	2014-09-14
2014-09-15	2014-09-15
2014-09-16	2014-09-16
2014-09-17	2014-09-17
2014-09-18	2014-09-18
2014-09-20	2014-09-20
2014-09-21	2014-09-21
2014-09-23	2014-09-23
2014-09-24	2014-09-24
2014-09-25	2014-09-25
2014-09-26	2014-09-26
2014-09-27	2014-09-27
2014-09-28	2014-09-28
2014-09-29	2014-09-29
2014-09-30	2014-09-30
2014-10-01	2014-10-01
2014-10-05	2014-10-05
2014-10-06	2014-10-06
2014-10-10	2014-10-10
2014-10-11	2014-10-11
2015-08-09	2015-08-09

2015-08-16	2015-08-16
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
2015-09-03	2015-09-03
2015-09-04	2015-09-04
2015-09-05	2015-09-05
2015-09-06	2015-09-06
2015-09-07	2015-09-07
2015-09-08	2015-09-08
2015-09-09	2015-09-09
2015-09-10	2015-09-10
2015-09-14	2015-09-14
2015-09-15	2015-09-15
2015-09-16	2015-09-16
2015-09-17	2015-09-17
2015-09-18	2015-09-18
2015-09-20	2015-09-20
2015-09-21	2015-09-21
2015-09-22	2015-09-22
2015-09-23	2015-09-23
2015-09-24	2015-09-24
2015-09-25	2015-09-25
2015-09-26	2015-09-26
2015-09-27	2015-09-27
2015-09-28	2015-09-28
2015-09-30	2015-09-30
2015-10-01	2015-10-01
2015-10-03	2015-10-03
2015-10-05	2015-10-05
2015-10-07	2015-10-07
2015-10-10	2015-10-10
2015-10-14	2015-10-14
2015-10-17	2015-10-17
2015-10-23	2015-10-23

2016-08-10	2016-08-10
2016-08-11	2016-08-11
2016-08-20	2016-08-20
2016-08-23	2016-08-23
2016-08-26	2016-08-26
2016-08-28	2016-08-28
2016-08-29	2016-08-29
2016-09-01	2016-09-01
2016-09-02	2016-09-02
2016-09-03	2016-09-03
2016-09-04	2016-09-04
2016-09-05	2016-09-05
2016-09-08	2016-09-08
2016-09-09	2016-09-09
2016-09-10	2016-09-10
2016-09-14	2016-09-14
2016-09-15	2016-09-15
2016-09-16	2016-09-16
2016-09-18	2016-09-18
2016-09-20	2016-09-20
2016-09-21	2016-09-21
2016-09-22	2016-09-22
2016-09-23	2016-09-23
2016-09-24	2016-09-24
2016-09-25	2016-09-25
2016-09-26	2016-09-26
2016-09-27	2016-09-27
2016-09-29	2016-09-29
2016-09-30	2016-09-30
2016-10-01	2016-10-01
2016-10-02	2016-10-02
2016-10-03	2016-10-03
2016-10-05	2016-10-05
2016-10-07	2016-10-07
2016-10-08	2016-10-08
2016-10-10	2016-10-10
2016-10-12	2016-10-12
2016-10-16	2016-10-16
2016-10-17	2016-10-17

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

2018-09-07	2018-09-07
2018-09-09	2018-09-09
2018-09-10	2018-09-10
2018-09-13	2018-09-13
2018-09-14	2018-09-14
2018-09-15	2018-09-15
2018-09-16	2018-09-16
2018-09-17	2018-09-17
2018-09-18	2018-09-18
2018-09-19	2018-09-19
2018-09-20	2018-09-20
2018-09-22	2018-09-22
2018-09-25	2018-09-25
2018-09-26	2018-09-26
2018-09-27	2018-09-27
2018-09-28	2018-09-28
2018-09-29	2018-09-29
2018-09-30	2018-09-30
2018-10-08	2018-10-08
2018-10-10	2018-10-10
2018-10-17	2018-10-17
2019-08-10	2019-08-10
2019-08-27	2019-08-27
2019-08-29	2019-08-29
2019-08-30	2019-08-30
2019-09-07	2019-09-07
2019-09-08	2019-09-08
2019-09-10	2019-09-10
2019-09-12	2019-09-12
2019-09-13	2019-09-13
2019-09-14	2019-09-14
2019-09-15	2019-09-15
2019-09-16	2019-09-16
2019-09-18	2019-09-18
2019-09-19	2019-09-19
2019-09-20	2019-09-20
2019-09-23	2019-09-23
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
2019-10-02	2019-10-02
2019-10-10	2019-10-10
2019-10-13	2019-10-13
2019-10-17	2019-10-17
2019-10-20	2019-10-20
2019-10-29	2019-10-29

TERRITORY: Syngenta definition of territory (sub-region)

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
asia north east	asia north 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
Japan	Japan

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
japanpotato1	japanpotato1
japanpotato2	japanpotato2
japanpotato3	japanpotato3

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
22100100	22100100
22100200	22100200
22100300	22100300
22100400	22100400
22100500	22100500
22110100	22110100
22110200	22110200
22110300	22110300
22110401	22110401
22110402	22110402
22110500	22110500
22110600	22110600
22110700	22110700
22110701	22110701
22110702	22110702
22110800	22110800
22110900	22110900
22111000	22111000
22111001	22111001
22111002	22111002
22111100	22111100
22200100	22200100
22200200	22200200
22200400	22200400
22200600	22200600
22200700	22200700
22200900	22200900
22201100	22201100
22201200	22201200
22201300	22201300

22201400	22201400
22201800	22201800
22201900	22201900
22202000	22202000
22202100	22202100
22202300	22202300
22202400	22202400
22202500	22202500
22202700	22202700
22203500	22203500
22203600	22203600
22203700	22203700
22203800	22203800
22203900	22203900
22204000	22204000
22204100	22204100
22204200	22204200
22204400	22204400
22204500	22204500
22204600	22204600
22204700	22204700
22204800	22204800
22204900	22204900
22205000	22205000
22205100	22205100
22206100	22206100
22206200	22206200
22206300	22206300
22206400	22206400
22206700	22206700
22206900	22206900
22207000	22207000
22207100	22207100
22207200	22207200
22207300	22207300
22207400	22207400
22210100	22210100
22210200	22210200
22210300	22210300

22210400	22210400
22210500	22210500
22210600	22210600
22210700	22210700
22210800	22210800
22220100	22220100
22220200	22220200
22220300	22220300
22220400	22220400
22220500	22220500
22220600	22220600
22220700	22220700
22220800	22220800
22220900	22220900
22230100	22230100
22230200	22230200
22230300	22230300
22230400	22230400
22230500	22230500
22230600	22230600
22230700	22230700
22230800	22230800
22230900	22230900
22231000	22231000
22240100	22240100
22240200	22240200
22240300	22240300
22240400	22240400
22240500	22240500
22240600	22240600
22240700	22240700
22240800	22240800
22250200	22250200
22250300	22250300
22250400	22250400
22250500	22250500
22250600	22250600
22250700	22250700

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
a	a
b	b

FARMTYPE: Farmtype

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
bf	bf
rf	rf

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category

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

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

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
potato	potato

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 1 - 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: 18.1512 - 60.504 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: 1926 - 1988 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: 18 - 24 Format: Numeric

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
09	09
10 very satisfied	10 very satisfied

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	don’t know/ no answer
2	from conventional tillage to reduced tillage
3	from no tillage to reduced tillage
4	from conventional tillage to no tillage
5	from no tillage to conventional tillage

6	from reduced tillage to no tillage
7	from reduced to conventional tillage

Q7003: Q7003. How many years ago did you change your tillage practices for ?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 1 - 16 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: 10 - 50 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 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	yes

Q7004: Q7004. Have you grown cover crop to manage soil health in the past 20 years for ?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 35 Format: Numeric

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 2 - 15 Format: Numeric

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	from grassland to arable land
2	from forest to arable land
3	other. specify

Q7009OTH: Other. Specify: Q7009.

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
from a bank to farm	from a bank to farm

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 20 Format: Numeric

Q65: Q65. Do you practice intercropping for ?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes

2	no

Q66_7: Q66. Which crops do you intercrop? Corn

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q66_13: Q66. Which crops do you intercrop? Potato

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_15: Q66. Which crops do you intercrop? Soybean

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category

1	not mentioned
2	mentioned

Q66_21: Q66. Which crops do you intercrop? Wheat

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q66_51: Q66. Which crops do you intercrop? Grassland (pasture/artificial/temporary)

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_89: Q66. Which crops do you intercrop? Sugar beet

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q66_96: Q66. Which crops do you intercrop? Other specify 1

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q61_25: Q61. What crops are you cultivating in rotation? Beets/roots (turnip, yam)

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_30: Q61. What crops are you cultivating in rotation? Cabbage

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_31: Q61. What crops are you cultivating in rotation? Carrot

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_50: Q61. What crops are you cultivating in rotation? Grass

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_51: Q61. What crops are you cultivating in rotation? Grassland

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_52: Q61. What crops are you cultivating in rotation? Guava

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_67: Q61. What crops are you cultivating in rotation? Onion

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned

2	mentioned

Q61_69: Q61. What crops are you cultivating in rotation? Other peppers

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_70: Q61. What crops are you cultivating in rotation? Other potatoes

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_71: Q61. What crops are you cultivating in rotation? Other rice

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category

1	not mentioned
2	mentioned

Q61_78: Q61. What crops are you cultivating in rotation? Pomme granate

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_83: Q61. What crops are you cultivating in rotation? Radish

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q61_89: Q61. What crops are you cultivating in rotation? Sugar beet

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

Q61_97: Q61. What crops are you cultivating in rotation? Other. Specify 2

Data file: Global_farm_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

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

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

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

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

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

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	moist
2	dry

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	good drainage
2	poor drainage

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q55E2_1: Q55E2. Who organized this training? Syngenta representative

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q55E2_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

Q55E2_97: Q55E2. Who organized this training? Other specify 2:

Data file: Global_farm_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_98: Q55E2. Who organized this training? Other specify 3:

Data file: Global_farm_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_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

Q5502_97: Q5502. Can you describe how the Syngenta representative contacted you? Other specify 2:

Data file: Global_farm_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_OTH2: Q5502. Other Can you please describe how the Syngenta representative contacted you?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
To ask me to participate in GGP project	To ask me to participate in GGP project

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 - 4 Format: Numeric

Questions and instructions

CATEGORIES

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

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

Q54_1: Q54. Where do you deposit the rest water after spraying? Citerne (phytobac, 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_99: Q54. Where do you deposit the rest water after spraying? Don’t know / no answer

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	Mentioned

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
Cliff near my house	Cliff near my house
Dilute it with water and spray it onto the crops	Dilute it with water and spray it onto the crops
Factory on premises	Factory on premises
On the farm premises	On the farm premises
Save it for use next time.	Save it for use next time.
Try to use it up	Try to use it up
Use it up.	Use it up.

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

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2013-10-30	2013-10-30
2013-11-02	2013-11-02
2013-11-06	2013-11-06
2013-11-15	2013-11-15
2014-04-07	2014-04-07
2014-04-08	2014-04-08
2014-04-09	2014-04-09
2014-04-14	2014-04-14

2014-04-15	2014-04-15
2014-04-18	2014-04-18
2014-04-19	2014-04-19
2014-04-20	2014-04-20
2014-04-21	2014-04-21
2014-04-22	2014-04-22
2014-04-23	2014-04-23
2014-04-25	2014-04-25
2014-04-26	2014-04-26
2014-04-28	2014-04-28
2014-04-29	2014-04-29
2014-05-01	2014-05-01
2014-05-02	2014-05-02
2014-05-04	2014-05-04
2015-10-01	2015-10-01
2015-10-10	2015-10-10
2015-10-11	2015-10-11
2015-10-20	2015-10-20
2015-11-15	2015-11-15
2016-04-01	2016-04-01
2016-04-12	2016-04-12
2016-04-14	2016-04-14
2016-04-15	2016-04-15
2016-04-16	2016-04-16
2016-04-17	2016-04-17
2016-04-19	2016-04-19
2016-04-20	2016-04-20
2016-04-23	2016-04-23
2016-04-24	2016-04-24
2016-04-25	2016-04-25
2016-04-26	2016-04-26
2016-04-27	2016-04-27
2016-04-30	2016-04-30
2016-05-01	2016-05-01
2016-05-02	2016-05-02
2016-05-03	2016-05-03
2016-05-04	2016-05-04
2016-05-07	2016-05-07
2016-05-08	2016-05-08

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

2018-04-22	2018-04-22
2018-04-23	2018-04-23
2018-04-24	2018-04-24
2018-04-25	2018-04-25
2018-04-27	2018-04-27
2018-04-28	2018-04-28
2018-04-30	2018-04-30
2018-05-01	2018-05-01
2018-05-04	2018-05-04
2018-05-05	2018-05-05
2018-05-08	2018-05-08
2018-05-09	2018-05-09
2018-05-10	2018-05-10
2018-05-11	2018-05-11
2018-05-12	2018-05-12
2018-05-20	2018-05-20
2018-05-22	2018-05-22
2018-05-26	2018-05-26
2019-04-15	2019-04-15
2019-04-16	2019-04-16
2019-04-18	2019-04-18
2019-04-20	2019-04-20
2019-04-21	2019-04-21
2019-04-23	2019-04-23
2019-04-24	2019-04-24
2019-04-25	2019-04-25
2019-04-26	2019-04-26
2019-04-27	2019-04-27
2019-04-28	2019-04-28
2019-04-30	2019-04-30
2019-05-01	2019-05-01
2019-05-02	2019-05-02
2019-05-03	2019-05-03
2019-05-04	2019-05-04
2019-05-05	2019-05-05
2019-05-07	2019-05-07
2019-05-08	2019-05-08
2019-05-10	2019-05-10
2019-05-12	2019-05-12

2019-05-14	2019-05-14
2019-05-19	2019-05-19
2019-05-28	2019-05-28

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: 242.016 - 3025.2 Format: Numeric

Q123B: Q123. B. Which type of potatoes do you cultivate on growing area A for potato?

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	starch potatoes
2	potatoes for fresh use
3	potatoes for process use

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
2014-04-22	2014-04-22
2014-04-23	2014-04-23
2014-04-24	2014-04-24

2014-04-25	2014-04-25
2014-04-26	2014-04-26
2014-04-27	2014-04-27
2014-04-28	2014-04-28
2014-04-29	2014-04-29
2014-04-30	2014-04-30
2014-05-01	2014-05-01
2014-05-02	2014-05-02
2014-05-03	2014-05-03
2014-05-04	2014-05-04
2014-05-06	2014-05-06
2014-05-08	2014-05-08
2014-05-10	2014-05-10
2014-05-11	2014-05-11
2014-05-15	2014-05-15
2014-05-20	2014-05-20
2016-04-15	2016-04-15
2016-04-17	2016-04-17
2016-04-20	2016-04-20
2016-04-21	2016-04-21
2016-04-22	2016-04-22
2016-04-23	2016-04-23
2016-04-24	2016-04-24
2016-04-25	2016-04-25
2016-04-26	2016-04-26
2016-04-27	2016-04-27
2016-04-28	2016-04-28
2016-05-01	2016-05-01
2016-05-02	2016-05-02
2016-05-03	2016-05-03
2016-05-04	2016-05-04
2016-05-05	2016-05-05
2016-05-07	2016-05-07
2016-05-08	2016-05-08
2016-05-09	2016-05-09
2016-05-10	2016-05-10
2016-05-11	2016-05-11
2016-05-12	2016-05-12
2016-05-13	2016-05-13

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

2018-04-23	2018-04-23
2018-04-24	2018-04-24
2018-04-25	2018-04-25
2018-04-26	2018-04-26
2018-04-27	2018-04-27
2018-04-28	2018-04-28
2018-04-29	2018-04-29
2018-04-30	2018-04-30
2018-05-01	2018-05-01
2018-05-02	2018-05-02
2018-05-05	2018-05-05
2018-05-06	2018-05-06
2018-05-08	2018-05-08
2018-05-09	2018-05-09
2018-05-10	2018-05-10
2018-05-11	2018-05-11
2018-05-12	2018-05-12
2018-05-13	2018-05-13
2018-05-14	2018-05-14
2018-05-15	2018-05-15
2018-05-16	2018-05-16
2018-05-21	2018-05-21
2018-05-24	2018-05-24
2018-05-29	2018-05-29
2019-04-20	2019-04-20
2019-04-22	2019-04-22
2019-04-23	2019-04-23
2019-04-25	2019-04-25
2019-04-26	2019-04-26
2019-04-29	2019-04-29
2019-04-30	2019-04-30
2019-05-01	2019-05-01
2019-05-02	2019-05-02
2019-05-03	2019-05-03
2019-05-04	2019-05-04
2019-05-05	2019-05-05
2019-05-06	2019-05-06
2019-05-08	2019-05-08
2019-05-09	2019-05-09

2019-05-10	2019-05-10
2019-05-11	2019-05-11
2019-05-12	2019-05-12
2019-05-14	2019-05-14
2019-05-16	2019-05-16
2019-05-19	2019-05-19
2019-05-29	2019-05-29

Q7400: Q7400. Have you sown/planted in the same period as last year?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q231B: Q231B. Are your seeds coated with crop protection products?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

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

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

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

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

Q224: Q224. Do you apply organic fertilizers for ?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

Q226: Q226. Do you apply chemical fertilizers for ?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

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

Data file: Global_farm_data

Overview

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

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

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

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	yes
2	no

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 3 - 16 Format: Numeric

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 0.40336 - 12.1008 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 - 60 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
2014-08-08	2014-08-08
2014-08-10	2014-08-10
2014-08-13	2014-08-13
2014-08-20	2014-08-20
2014-08-21	2014-08-21
2014-08-23	2014-08-23
2014-08-24	2014-08-24
2014-08-25	2014-08-25
2014-08-26	2014-08-26
2014-08-28	2014-08-28
2014-08-29	2014-08-29
2014-08-30	2014-08-30
2014-08-31	2014-08-31
2014-09-01	2014-09-01
2014-09-03	2014-09-03
2014-09-04	2014-09-04
2014-09-07	2014-09-07
2014-09-08	2014-09-08

2014-09-10	2014-09-10
2014-09-11	2014-09-11
2014-09-14	2014-09-14
2014-09-15	2014-09-15
2014-09-18	2014-09-18
2014-09-20	2014-09-20
2014-09-24	2014-09-24
2014-09-25	2014-09-25
2014-09-26	2014-09-26
2014-10-01	2014-10-01
2016-08-03	2016-08-03
2016-08-04	2016-08-04
2016-08-07	2016-08-07
2016-08-08	2016-08-08
2016-08-10	2016-08-10
2016-08-17	2016-08-17
2016-08-20	2016-08-20
2016-08-23	2016-08-23
2016-08-27	2016-08-27
2016-08-28	2016-08-28
2016-08-29	2016-08-29
2016-08-30	2016-08-30
2016-09-01	2016-09-01
2016-09-02	2016-09-02
2016-09-03	2016-09-03
2016-09-04	2016-09-04
2016-09-05	2016-09-05
2016-09-06	2016-09-06
2016-09-07	2016-09-07
2016-09-08	2016-09-08
2016-09-10	2016-09-10
2016-09-12	2016-09-12
2016-09-15	2016-09-15
2016-09-16	2016-09-16
2016-09-17	2016-09-17
2016-09-18	2016-09-18
2016-09-20	2016-09-20
2016-09-21	2016-09-21
2016-09-23	2016-09-23

2016-09-25	2016-09-25
2016-09-26	2016-09-26
2016-09-28	2016-09-28
2016-09-29	2016-09-29
2016-10-01	2016-10-01
2016-10-07	2016-10-07
2016-10-08	2016-10-08
2017-08-03	2017-08-03
2017-08-11	2017-08-11
2017-08-12	2017-08-12
2017-08-20	2017-08-20
2017-08-22	2017-08-22
2017-08-23	2017-08-23
2017-08-24	2017-08-24
2017-08-25	2017-08-25
2017-08-27	2017-08-27
2017-08-28	2017-08-28
2017-08-29	2017-08-29
2017-09-01	2017-09-01
2017-09-02	2017-09-02
2017-09-03	2017-09-03
2017-09-04	2017-09-04
2017-09-05	2017-09-05
2017-09-06	2017-09-06
2017-09-07	2017-09-07
2017-09-08	2017-09-08
2017-09-09	2017-09-09
2017-09-10	2017-09-10
2017-09-11	2017-09-11
2017-09-13	2017-09-13
2017-09-15	2017-09-15
2017-09-16	2017-09-16
2017-09-17	2017-09-17
2017-09-20	2017-09-20
2017-09-21	2017-09-21
2017-09-22	2017-09-22
2017-09-23	2017-09-23
2017-09-25	2017-09-25
2017-09-26	2017-09-26

2017-09-30	2017-09-30
2017-10-01	2017-10-01
2017-10-05	2017-10-05
2017-10-21	2017-10-21
2018-08-03	2018-08-03
2018-08-17	2018-08-17
2018-08-20	2018-08-20
2018-08-22	2018-08-22
2018-08-24	2018-08-24
2018-08-25	2018-08-25
2018-08-26	2018-08-26
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
2018-09-10	2018-09-10
2018-09-11	2018-09-11
2018-09-12	2018-09-12
2018-09-14	2018-09-14
2018-09-15	2018-09-15
2018-09-16	2018-09-16
2018-09-18	2018-09-18
2018-09-19	2018-09-19
2018-09-21	2018-09-21
2018-09-22	2018-09-22
2018-09-25	2018-09-25
2018-09-26	2018-09-26
2018-09-27	2018-09-27
2018-09-28	2018-09-28
2018-09-29	2018-09-29
2018-10-01	2018-10-01
2018-10-10	2018-10-10
2019-08-02	2019-08-02

2019-08-22	2019-08-22
2019-08-26	2019-08-26
2019-08-28	2019-08-28
2019-09-02	2019-09-02
2019-09-03	2019-09-03
2019-09-04	2019-09-04
2019-09-05	2019-09-05
2019-09-06	2019-09-06
2019-09-07	2019-09-07
2019-09-08	2019-09-08
2019-09-09	2019-09-09
2019-09-10	2019-09-10
2019-09-11	2019-09-11
2019-09-12	2019-09-12
2019-09-13	2019-09-13
2019-09-14	2019-09-14
2019-09-15	2019-09-15
2019-09-18	2019-09-18
2019-09-25	2019-09-25
2019-09-26	2019-09-26
2019-09-27	2019-09-27
2019-09-29	2019-09-29
2019-10-01	2019-10-01
2019-10-10	2019-10-10
2019-10-19	2019-10-19

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
2014-08-25	2014-08-25
2014-08-30	2014-08-30

2014-08-31	2014-08-31
2014-09-03	2014-09-03
2014-09-04	2014-09-04
2014-09-06	2014-09-06
2014-09-08	2014-09-08
2014-09-10	2014-09-10
2014-09-12	2014-09-12
2014-09-14	2014-09-14
2014-09-15	2014-09-15
2014-09-16	2014-09-16
2014-09-17	2014-09-17
2014-09-18	2014-09-18
2014-09-19	2014-09-19
2014-09-20	2014-09-20
2014-09-21	2014-09-21
2014-09-23	2014-09-23
2014-09-24	2014-09-24
2014-09-25	2014-09-25
2014-09-26	2014-09-26
2014-09-27	2014-09-27
2014-09-28	2014-09-28
2014-09-29	2014-09-29
2014-09-30	2014-09-30
2014-10-01	2014-10-01
2014-10-05	2014-10-05
2014-10-06	2014-10-06
2014-10-10	2014-10-10
2014-10-11	2014-10-11
2016-08-10	2016-08-10
2016-08-11	2016-08-11
2016-08-20	2016-08-20
2016-08-23	2016-08-23
2016-08-26	2016-08-26
2016-08-28	2016-08-28
2016-08-29	2016-08-29
2016-09-01	2016-09-01
2016-09-02	2016-09-02
2016-09-03	2016-09-03
2016-09-04	2016-09-04

2016-09-05	2016-09-05
2016-09-08	2016-09-08
2016-09-09	2016-09-09
2016-09-10	2016-09-10
2016-09-14	2016-09-14
2016-09-15	2016-09-15
2016-09-16	2016-09-16
2016-09-18	2016-09-18
2016-09-20	2016-09-20
2016-09-21	2016-09-21
2016-09-22	2016-09-22
2016-09-23	2016-09-23
2016-09-24	2016-09-24
2016-09-25	2016-09-25
2016-09-26	2016-09-26
2016-09-27	2016-09-27
2016-09-29	2016-09-29
2016-09-30	2016-09-30
2016-10-01	2016-10-01
2016-10-02	2016-10-02
2016-10-03	2016-10-03
2016-10-05	2016-10-05
2016-10-07	2016-10-07
2016-10-08	2016-10-08
2016-10-10	2016-10-10
2016-10-12	2016-10-12
2016-10-16	2016-10-16
2016-10-17	2016-10-17
2017-08-10	2017-08-10
2017-08-11	2017-08-11
2017-08-15	2017-08-15
2017-08-23	2017-08-23
2017-08-30	2017-08-30
2017-09-01	2017-09-01
2017-09-03	2017-09-03
2017-09-04	2017-09-04
2017-09-05	2017-09-05
2017-09-06	2017-09-06
2017-09-07	2017-09-07

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

2018-09-22	2018-09-22
2018-09-25	2018-09-25
2018-09-26	2018-09-26
2018-09-27	2018-09-27
2018-09-28	2018-09-28
2018-09-29	2018-09-29
2018-09-30	2018-09-30
2018-10-08	2018-10-08
2018-10-10	2018-10-10
2018-10-17	2018-10-17
2019-08-10	2019-08-10
2019-08-27	2019-08-27
2019-08-29	2019-08-29
2019-08-30	2019-08-30
2019-09-07	2019-09-07
2019-09-08	2019-09-08
2019-09-10	2019-09-10
2019-09-12	2019-09-12
2019-09-13	2019-09-13
2019-09-14	2019-09-14
2019-09-15	2019-09-15
2019-09-16	2019-09-16
2019-09-18	2019-09-18
2019-09-19	2019-09-19
2019-09-20	2019-09-20
2019-09-23	2019-09-23
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
2019-10-02	2019-10-02
2019-10-10	2019-10-10
2019-10-13	2019-10-13
2019-10-17	2019-10-17
2019-10-20	2019-10-20
2019-10-29	2019-10-29

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

Q299: Q299. What is the tuber yield that has been achieved for potato in /?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 14 - 60.48 Format: Numeric

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q4094_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

Q4095C: Q4095. C. According to you, why has your yield changed as opposed to previous year?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
"Yield decreased by half in July due to poor weather (rain and drought) Field conditions in spring (the fields were never dry enough, and we had to sow when soil was poorly drained)"	"Yield decreased by half in July due to poor weather (rain and drought) Field conditions in spring (the fields were never dry enough, and we had to sow when soil was poorly drained)"
A little better than usual thanks to good weather	A little better than usual thanks to good weather
A little less than usual, probably because of poor weather and lack of sunshine during the tuber growth stage from mid-June to July	A little less than usual, probably because of poor weather and lack of sunshine during the tuber growth stage from mid-June to July
About the same as last year. It wasn't good last year, and it wasn't good this year, either. Because of the rainy weather and so on.	About the same as last year. It wasn't good last year, and it wasn't good this year, either. Because of the rainy weather and so on.
Affected by lack of sunshine in June and excess moisture in August	Affected by lack of sunshine in June and excess moisture in August
Changed fertilization: I applied a larger amount, but the number of times to apply was the same, and I also applied a different fertilizer in addition to the ones I used last year	Changed fertilization: I applied a larger amount, but the number of times to apply was the same, and I also applied a different fertilizer in addition to the ones I used last year
Decreased a little due to a drought	Decreased a little due to a drought
Decreased a lot due to low temperatures and heavy rains in June and July	Decreased a lot due to low temperatures and heavy rains in June and July
Decreased due to poor weather (low temperatures and rain)	Decreased due to poor weather (low temperatures and rain)
Decreased due to poor weather (rain and low temperatures)	Decreased due to poor weather (rain and low temperatures)
Decreased due to poor weather and high rainfall	Decreased due to poor weather and high rainfall
Decreased somewhat due to typhoons and the weather	Decreased somewhat due to typhoons and the weather
Decreased: tuber growth was hopeless due to a drought in September	Decreased: tuber growth was hopeless due to a drought in September
Fields were drenched in rain. Earthing-up was delayed.	Fields were drenched in rain. Earthing-up was delayed.
Good weather from July to the first half of August helped potatoes enlarge. Things went well in the last half of the growing stage.	Good weather from July to the first half of August helped potatoes enlarge. Things went well in the last half of the growing stage.
Had a lower yield than last year due to low temperatures and high rainfall in June	Had a lower yield than last year due to low temperatures and high rainfall in June
Had a lower yield than last year due to low temperatures and high rainfall in June and a drought in July	Had a lower yield than last year due to low temperatures and high rainfall in June and a drought in July
High rainfall	High rainfall
Increased because fertilization went well, stem and leaf treatment worked, and no diseases occurred	Increased because fertilization went well, stem and leaf treatment worked, and no diseases occurred
Individual potatoes were large, leading to a higher yield	Individual potatoes were large, leading to a higher yield
It's a variety that doesn't get affected by weather	It's a variety that doesn't get affected by weather

Lower than last year: growth was poor because the weather was bad from late June to July, and rain washed away fertilizers	Lower than last year: growth was poor because the weather was bad from late June to July, and rain washed away fertilizers
Lower than previous year due to long rain and a drought. The drought hit before the roots were fully grown.	Lower than previous year due to long rain and a drought. The drought hit before the roots were fully grown.
Many potatoes rotted due to long rain	Many potatoes rotted due to long rain
Many potatoes rotted due to long rain and typhoons	Many potatoes rotted due to long rain and typhoons
No change	No change
No changes	No changes
Not much change	Not much change
Nothing	Nothing
Poor growth due to poor weather	Poor growth due to poor weather
Potatoes were immersed in water and rotted because long rain from typhoons prevented us from going in the field	Potatoes were immersed in water and rotted because long rain from typhoons prevented us from going in the field
Product yield was high thanks to the weather	Product yield was high thanks to the weather
Rain washed soil away, bringing potatoes above the surface. Some potatoes were unmarketable.	Rain washed soil away, bringing potatoes above the surface. Some potatoes were unmarketable.
Rain which started in June. Four typhoons.	Rain which started in June. Four typhoons.
Rotted in soil due to high rainfall	Rotted in soil due to high rainfall
Rotted in soil due to high rainfall. Rotted because they were immersed in water. Soil did not drain.	Rotted in soil due to high rainfall. Rotted because they were immersed in water. Soil did not drain.
Same as last year	Same as last year
Same as previous year: the weather was poor but it didn't affect potato harvest or quality	Same as previous year: the weather was poor but it didn't affect potato harvest or quality
Same as usual	Same as usual
Same as usual thanks to fairly good weather	Same as usual thanks to fairly good weather
Secondary growth occurred due to humidity, droughts, low temperatures, etc.: potatoes were long or split	Secondary growth occurred due to humidity, droughts, low temperatures, etc.: potatoes were long or split
Somewhat better	Somewhat better
Tubers were small due to low temperatures	Tubers were small due to low temperatures
Typhoons	Typhoons
Weather was poor. Potatoes did not become large due to lack of rain during the tuber growth period.	Weather was poor. Potatoes did not become large due to lack of rain during the tuber growth period.
Yield decreased a little from last year because typhoons caused defoliation	Yield decreased a little from last year because typhoons caused defoliation
Yield decreased because high rainfall caused rot	Yield decreased because high rainfall caused rot
Yield decreased because it rained constantly after planting for the whole month of June, followed by a month-long drought	Yield decreased because it rained constantly after planting for the whole month of June, followed by a month-long drought
Yield decreased because long rain in June, high temperatures and a drought in July hindered potatoes from growing when they were supposed to grow most	Yield decreased because long rain in June, high temperatures and a drought in July hindered potatoes from growing when they were supposed to grow most
Yield decreased because many cloudy and rainy days in June delayed growth	Yield decreased because many cloudy and rainy days in June delayed growth
Yield decreased because of more rain and less sunshine during the growth period than previous year	Yield decreased because of more rain and less sunshine during the growth period than previous year

Yield decreased because rain killed stems	Yield decreased because rain killed stems
Yield decreased due to high rainfall	Yield decreased due to high rainfall
Yield decreased due to lack of sunshine. Some potatoes rotted due to long rain.	Yield decreased due to lack of sunshine. Some potatoes rotted due to long rain.
Yield decreased due to long rain since spring, typhoons, and low temperature	Yield decreased due to long rain since spring, typhoons, and low temperature
Yield decreased due to low temperature and high rainfall	Yield decreased due to low temperature and high rainfall
Yield decreased due to low temperatures in May and June and high rainfall in July	Yield decreased due to low temperatures in May and June and high rainfall in July
Yield decreased due to poor weather	Yield decreased due to poor weather
Yield decreased due to soft rot and poor weather in July and August	Yield decreased due to soft rot and poor weather in July and August
Yield decreased from previous year due to high rainfall, lack of sunshine, and damage from moisture	Yield decreased from previous year due to high rainfall, lack of sunshine, and damage from moisture
Yield did not decreased as much as expected because of different soil type from Area A	Yield did not decreased as much as expected because of different soil type from Area A
Yield didn't change much	Yield didn't change much
Yield didn't change, it wasn't affected by the weather	Yield didn't change, it wasn't affected by the weather
Yield didn't change. There were no pests or diseases.	Yield didn't change. There were no pests or diseases.
Yield increased a little from last year thanks to good weather and no impact from typhoons	Yield increased a little from last year thanks to good weather and no impact from typhoons
Yield increased a little from last year. This area is sandy and insusceptible to rain.	Yield increased a little from last year. This area is sandy and insusceptible to rain.
Yield increased because the stems didn't wither until later, prolonging the growth period and allowing potatoes to grow larger	Yield increased because the stems didn't wither until later, prolonging the growth period and allowing potatoes to grow larger
Yield increased because we used less fertilizer	Yield increased because we used less fertilizer
Yield increased due to good weather	Yield increased due to good weather
Yield increased from last year because the weather improved in August with high temperatures and dry air (planted a late variety in Field B)	Yield increased from last year because the weather improved in August with high temperatures and dry air (planted a late variety in Field B)
Yield increased from last year due to good weather	Yield increased from last year due to good weather
Yield was 30% lower than usual due to poor weather, especially high rainfall and low temperatures from June to early July and a sudden temperature rise and drought starting in mid-July	Yield was 30% lower than usual due to poor weather, especially high rainfall and low temperatures from June to early July and a sudden temperature rise and drought starting in mid-July
Yield was a little better than usual, but it's not clear why	Yield was a little better than usual, but it's not clear why
Yield was a little lower than last year due to poor field conditions (clay soil doesn't drain well)"	Yield was a little lower than last year due to poor field conditions (clay soil doesn't drain well)"
Yield was better than expected with little damages, considering long rain followed by high temperatures. But the potatoes could rot while in storage at JA.	Yield was better than expected with little damages, considering long rain followed by high temperatures. But the potatoes could rot while in storage at JA.
Yield was lower than last year because of bad weather: lack of sunshine, low temperatures, and long rain from mid- to late-June, and high temperatures and a drought in July	Yield was lower than last year because of bad weather: lack of sunshine, low temperatures, and long rain from mid- to late-June, and high temperatures and a drought in July
Yield was same as previous year. The weather was poorer but didn't affect the yield. I suspect that the land is good.	Yield was same as previous year. The weather was poorer but didn't affect the yield. I suspect that the land is good.
Yield was the same	Yield was the same

Yield was unchanged despite long rain in the whole month of June, thanks to soil improvement	Yield was unchanged despite long rain in the whole month of June, thanks to soil improvement
Yield was worse than previous year due to low temperatures and lack of sunshine from mid-June to July. Harvested earlier than in Field B (we planted an early variety in Field A).	Yield was worse than previous year due to low temperatures and lack of sunshine from mid-June to July. Harvested earlier than in Field B (we planted an early variety in Field A).
Yield would've been a little better if it weren't for the typhoons	Yield would've been a little better if it weren't for the typhoons

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

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

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

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

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

Data file: Global_farm_data

Overview

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

Q303B: Q303. B. Can you please share any feedback about the growth situation of potato during this season?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
A drought and high temperatures were a headache	A drought and high temperatures were a headache
A drought from May to July delayed the start of plants growing in unison, which caused a lot of trouble for me like having to ridge the soil again. The starch content value was low.	A drought from May to July delayed the start of plants growing in unison, which caused a lot of trouble for me like having to ridge the soil again. The starch content value was low.
A lot of rain in June and then a drought in July and August. The stems and leaves were fine, but tubers didn't get enough nutrition and turned out small. June was cloudy and rainy and potatoes didn't grow due to lack of sunshine. The drought in July and August prevented water and nutrition from goin	A lot of rain in June and then a drought in July and August. The stems and leaves were fine, but tubers didn't get enough nutrition and turned out small. June was cloudy and rainy and potatoes didn't grow due to lack of sunshine. The drought in July and A
Abnormal weather in June and July hindered growth again this year: rain and low temperatures in June, and extreme heat in late July	Abnormal weather in June and July hindered growth again this year: rain and low temperatures in June, and extreme heat in late July
Area B, because it's naturally wet, yielded more even though we had little rain this year	Area B, because it's naturally wet, yielded more even though we had little rain this year
Average. Better than last year.	Average. Better than last year.
Blight hit us relatively early. We did all we could to prevent diseases because the temperature remained low.	Blight hit us relatively early. We did all we could to prevent diseases because the temperature remained low.
DK	DK
Danshaku and Kita-akari had many tubers but many of them were small	Danshaku and Kita-akari had many tubers but many of them were small
Did our control work right before diseases hit due to the weather	Did our control work right before diseases hit due to the weather
Early growth was poor. Didn't have enough seed potatoes and used some purchased ones, which weren't of high quality, so growth was uneven.	Early growth was poor. Didn't have enough seed potatoes and used some purchased ones, which weren't of high quality, so growth was uneven.
Early spring winds collapsed the soil, and I ended up with many rejects	Early spring winds collapsed the soil, and I ended up with many rejects

Expected a lower yield because the leaves wilted early, but yield turned out the same as usual even though potatoes were a little small	Expected a lower yield because the leaves wilted early, but yield turned out the same as usual even though potatoes were a little small
Flowers stayed in bloom longer, indicating good potato growth. Higher rainfall causes flowers to fall early.	Flowers stayed in bloom longer, indicating good potato growth. Higher rainfall causes flowers to fall early.
Glad because there weren't any problems in particular	Glad because there weren't any problems in particular
Glad that the yield didn't change much	Glad that the yield didn't change much
Glad that the yield was good even though we were hit by 3 typhoons	Glad that the yield was good even though we were hit by 3 typhoons
Glad that typhoons didn't affect us	Glad that typhoons didn't affect us
Glad we had less blight than last year. Potatoes grew better than expected.	Glad we had less blight than last year. Potatoes grew better than expected.
Good growth, and a bumper harvest. The weather was good.	Good growth, and a bumper harvest. The weather was good.
Growth in the early stage was very good. We had a heat wave in July but it didn't affect much because this variety grows relatively later.	Growth in the early stage was very good. We had a heat wave in July but it didn't affect much because this variety grows relatively later.
Growth was as usual without any problems	Growth was as usual without any problems
Growth was bad due to bad weather. Potatoes were small because they couldn’t store up nourishment due to lack of sunshine and photosynthesis.	Growth was bad due to bad weather. Potatoes were small because they couldn’t store up nourishment due to lack of sunshine and photosynthesis.
Growth was better than usual because the weather was good	Growth was better than usual because the weather was good
Growth was fairly good. Thanks to ridging, there were no damages from excess moisture, but low temperatures (early June) and a drought (mid- to late-July) did the damaging.	Growth was fairly good. Thanks to ridging, there were no damages from excess moisture, but low temperatures (early June) and a drought (mid- to late-July) did the damaging.
Growth was good	Growth was good
Growth was good after spring. Plenty of water from April snow and extended high temperatures in July helped potatoes grow.	Growth was good after spring. Plenty of water from April snow and extended high temperatures in July helped potatoes grow.
Growth was good in the first half, but we had a drought in the second half	Growth was good in the first half, but we had a drought in the second half
Growth was good thanks to low temperatures in July. Extended high temperatures, a drought, and lack of water will scorch the stems.	Growth was good thanks to low temperatures in July. Extended high temperatures, a drought, and lack of water will scorch the stems.
Growth was good with the stems remaining green till the end without ever withering	Growth was good with the stems remaining green till the end without ever withering
Growth was good, but it was so dry during harvest that the potatoes were damaged	Growth was good, but it was so dry during harvest that the potatoes were damaged
Growth was good. The weather was stable.	Growth was good. The weather was stable.
Growth was just as usual, neither good nor bad	Growth was just as usual, neither good nor bad
Growth was normal	Growth was normal
Growth was poor because heavy rain in June hardened the field	Growth was poor because heavy rain in June hardened the field
Growth was poor because of a slight lack of rain	Growth was poor because of a slight lack of rain
Growth was poor due to a lack of rain at the time of planting, but it was okay after that	Growth was poor due to a lack of rain at the time of planting, but it was okay after that

Growth was poor. Maybe because of the drought during the early days or maybe the fertilizer didn't work well because the potatoes were planted after beans.	Growth was poor. Maybe because of the drought during the early days or maybe the fertilizer didn't work well because the potatoes were planted after beans.
Growth was satisfactory until about June. Growth got bad overall later because rain washed away fertilizers and lack of sunshine left the stems thin.	Growth was satisfactory until about June. Growth got bad overall later because rain washed away fertilizers and lack of sunshine left the stems thin.
Growth was slow due to an extended period of cloudy days, and it wasn't easy to deal with	Growth was slow due to an extended period of cloudy days, and it wasn't easy to deal with
Growth was smooth in June and July despite low temperatures	Growth was smooth in June and July despite low temperatures
Growth was smooth thanks to good weather. High temperatures from late July to early August hastened growth, lowering the starch content.	Growth was smooth thanks to good weather. High temperatures from late July to early August hastened growth, lowering the starch content.
Growth was somewhat bad because weather was bad from mid-June to July and potatoes didn’t get much sunshine during the tuber growth stage	Growth was somewhat bad because weather was bad from mid-June to July and potatoes didn’t get much sunshine during the tuber growth stage
Growth was the same as usual, but we got fewer potatoes because of weather	Growth was the same as usual, but we got fewer potatoes because of weather
Growth wasn't as good as hoped. It was a series of droughts and heavy rains.	Growth wasn't as good as hoped. It was a series of droughts and heavy rains.
Growth wasn't bad because the weather wasn't bad compared to the usual	Growth wasn't bad because the weather wasn't bad compared to the usual
Growth wasn't bad. Quality didn't deteriorate and we didn't have any diseases, either.	Growth wasn't bad. Quality didn't deteriorate and we didn't have any diseases, either.
Growth wasn't good due to little rain and high temperatures	Growth wasn't good due to little rain and high temperatures
Growth wasn't good due to poor weather	Growth wasn't good due to poor weather
Had a hard time controlling due to bad weather. Hard to find the right time to apply, especially at the beginning. Considering that, we had little rotting.	Had a hard time controlling due to bad weather. Hard to find the right time to apply, especially at the beginning. Considering that, we had little rotting.
Harvesting wasn't easy because we couldn't get in the field due to rain	Harvesting wasn't easy because we couldn't get in the field due to rain
High rainfall led to poor growth, and it also took us much longer than usual to harvest	High rainfall led to poor growth, and it also took us much longer than usual to harvest
High temperatures in July and a lack of rain in August were probably the cause of decreased yield	High temperatures in July and a lack of rain in August were probably the cause of decreased yield
I expected poor harvest because of a light drought in June and high temperatures in July, but potatoes were growing unexpectedly nicely underground	I expected poor harvest because of a light drought in June and high temperatures in July, but potatoes were growing unexpectedly nicely underground
I had high hopes because growth in the early stage was very good, but excessive heat in July caused seedlings to wither, followed by poor growth	I had high hopes because growth in the early stage was very good, but excessive heat in July caused seedlings to wither, followed by poor growth
I'm sure there were diseases because of the long rain, but potatoes were fine when we dug them. They could start rotting while in storage at JA.	I'm sure there were diseases because of the long rain, but potatoes were fine when we dug them. They could start rotting while in storage at JA.
If you sow seeds in dry fields without being hasty in spring, you can expect decent harvest	If you sow seeds in dry fields without being hasty in spring, you can expect decent harvest
It didn't rain when we needed it	It didn't rain when we needed it
It rained a lot in August, which is the controlling period for potatoes. You need to apply more chemical products during rain.	It rained a lot in August, which is the controlling period for potatoes. You need to apply more chemical products during rain.

It rained a lot in June and July when potatoes were supposed to grow larger and the flowers were to bloom, so growth was delayed	It rained a lot in June and July when potatoes were supposed to grow larger and the flowers were to bloom, so growth was delayed
It rained continuously and we couldn't get in the field for control when we wanted to. We had some blight and soft rot. The rain was followed by a drought, causing early stem withering and making potatoes even smaller.	It rained continuously and we couldn't get in the field for control when we wanted to. We had some blight and soft rot. The rain was followed by a drought, causing early stem withering and making potatoes even smaller.
It was easy to manage thanks to the good weather. I got to choose when to use the wilting agent. The rain in early spring helped.	It was easy to manage thanks to the good weather. I got to choose when to use the wilting agent. The rain in early spring helped.
It was good this year considering that some of the seeds were bad	It was good this year considering that some of the seeds were bad
It was healthy growth	It was healthy growth
Lack of sunshine	Lack of sunshine
Lack of sunshine since June	Lack of sunshine since June
Low temperature in June caused soft rot. Damages from typhoons in August led to low yield.	Low temperature in June caused soft rot. Damages from typhoons in August led to low yield.
Low temperatures and lack of sunshine in June and July led to poor potato growth and a low yield (referring to the potatoes planted early)	Low temperatures and lack of sunshine in June and July led to poor potato growth and a low yield (referring to the potatoes planted early)
Many potatoes rotted due to long rain. Their growth was poor, too.	Many potatoes rotted due to long rain. Their growth was poor, too.
Many potatoes turned out smaller than specification, but yield was high	Many potatoes turned out smaller than specification, but yield was high
Many potatoes were small due to bad weather. Yield wasn't good for the early variety because of low temperatures, followed by long rain, followed by high temperatures.	Many potatoes were small due to bad weather. Yield wasn't good for the early variety because of low temperatures, followed by long rain, followed by high temperatures.
Much better than last year	Much better than last year
No aphids, and harvest was good	No aphids, and harvest was good
No problem	No problem
None	None
Not good because of heavy rain and a drought	Not good because of heavy rain and a drought
Nothing	Nothing
Nothing in particular (the problem was the rain, and you can't beat the rain. I'm glad at least we didn't get any disease.)	Nothing in particular (the problem was the rain, and you can't beat the rain. I'm glad at least we didn't get any disease.)
Poor growth, lack of sunshine, high rainfall	Poor growth, lack of sunshine, high rainfall
Poor weather delayed growth and potatoes couldn't become large	Poor weather delayed growth and potatoes couldn't become large
Potatoes couldn't grow in the growing stage	Potatoes couldn't grow in the growing stage
Potatoes didn't grow due to the cold	Potatoes didn't grow due to the cold
Potatoes didn't grow large due to long rain, low temperature, and lack of sunshine	Potatoes didn't grow large due to long rain, low temperature, and lack of sunshine
Potatoes didn't grow large due to poor weather	Potatoes didn't grow large due to poor weather
Potatoes didn't grow large due to poor weather Same as above, plus some potatoes rotted"	Potatoes didn't grow large due to poor weather Same as above, plus some potatoes rotted"
Potatoes died early due to typhoons	Potatoes died early due to typhoons

Potatoes grew in a fairly ideal way. The weather was all good including rain, sunshine, and temperature.	Potatoes grew in a fairly ideal way. The weather was all good including rain, sunshine, and temperature.
Potatoes grew smoothly thanks to good weather	Potatoes grew smoothly thanks to good weather
Potatoes grew well this year thanks to the good weather and no drought	Potatoes grew well this year thanks to the good weather and no drought
Potatoes looked fine but were small and low quality. Rain and moisture led to many green potatoes.	Potatoes looked fine but were small and low quality. Rain and moisture led to many green potatoes.
Potatoes were small due to long rain and lack of sunshine. They rotted as they were immersed in typhoon rain for a long time. The soil is clay 1 meter (?) below surface, which makes it poorly drained and prevented us and machines from going in the field. We had to let potatoes soaked in rain for lon	Potatoes were small due to long rain and lack of sunshine. They rotted as they were immersed in typhoon rain for a long time. The soil is clay 1 meter (?) below surface, which makes it poorly drained and prevented us and machines from going in the field.
Potatoes withered early, so harvest was early, too	Potatoes withered early, so harvest was early, too
Rain prevented us from going in the fields as much as we wanted. We couldn't apply desiccants until a little too late. It's a big machine, so once you go in you can't easily come out when it's raining.	Rain prevented us from going in the fields as much as we wanted. We couldn't apply desiccants until a little too late. It's a big machine, so once you go in you can't easily come out when it's raining.
Rainfall was slightly lower and affected the yield	Rainfall was slightly lower and affected the yield
Same as usual	Same as usual
Same as usual: neither good nor bad	Same as usual: neither good nor bad
Seed potatoes were diseased Low temperature helped the disease to spread	Seed potatoes were diseased Low temperature helped the disease to spread
Some tubers were small due to a drought	Some tubers were small due to a drought
Some withered due to a drought in July in the early growth period when they were blooming	Some withered due to a drought in July in the early growth period when they were blooming
Stems didn't grow because of long, two-month rain around June. There was a disease, too (soft rot), We couldn't control because we couldn't get in the field due to long rain. Potatoes were plenty but small overall.	Stems didn't grow because of long, two-month rain around June. There was a disease, too (soft rot), We couldn't control because we couldn't get in the field due to long rain. Potatoes were plenty but small overall.
Stems died early	Stems died early
Stems were small this year due to long rain	Stems were small this year due to long rain
Temperatures were low at the beginning, but that wasn't a bad environment for potatoes. No insects because of the low temperature. High temperatures in July damaged the roots, which decreased the yield a little.	Temperatures were low at the beginning, but that wasn't a bad environment for potatoes. No insects because of the low temperature. High temperatures in July damaged the roots, which decreased the yield a little.
Tend to use more chemicals trying to minimize influences from poor weather	Tend to use more chemicals trying to minimize influences from poor weather
The drought from May to June, followed by a lot of rain, made the potato plants grow tall and easy to collapse (easier to catch diseases)	The drought from May to June, followed by a lot of rain, made the potato plants grow tall and easy to collapse (easier to catch diseases)
The first half of the season was bad with insufficient sunshine, but we were saved by July's good weather	The first half of the season was bad with insufficient sunshine, but we were saved by July's good weather
The plants fell down (and stopped growing) before using a wilting agent, so potatoes were harvestable but not big. There were an enough number of them, but the yield wasn't too big.	The plants fell down (and stopped growing) before using a wilting agent, so potatoes were harvestable but not big. There were an enough number of them, but the yield wasn't too big.
The plants were growing nicely above the ground, but hardly growing underground	The plants were growing nicely above the ground, but hardly growing underground

The weather improved in the second half (August and September), so the potatoes planted later recovered and grew as usual	The weather improved in the second half (August and September), so the potatoes planted later recovered and grew as usual
The weather was good all the way through from planting to harvest. The soil in the field that was used this year in rotation was also good.	The weather was good all the way through from planting to harvest. The soil in the field that was used this year in rotation was also good.
The weather was in such extremes between the rain and low temperatures in June and extreme heat in July	The weather was in such extremes between the rain and low temperatures in June and extreme heat in July
The yield was low due to lack of rain. It would've been great if we had rain twice or so in July, but we didn't.	The yield was low due to lack of rain. It would've been great if we had rain twice or so in July, but we didn't.
There was 10 consecutive days of high temperatures, 36-38 degrees Celsius, because of the warming climate, and it ruined the stems. Potato is a cool climate plant and susceptible to heat.	There was 10 consecutive days of high temperatures, 36-38 degrees Celsius, because of the warming climate, and it ruined the stems. Potato is a cool climate plant and susceptible to heat.
There was a high temperature period and a low temperature period in summer, and it was a little challenging	There was a high temperature period and a low temperature period in summer, and it was a little challenging
There was no problem: the quality was as good as usual	There was no problem: the quality was as good as usual
There wasn't much potato scab. Potatoes were well-shaped. Good yield.	There wasn't much potato scab. Potatoes were well-shaped. Good yield.
There were no large potatoes of size 2L or larger. Yield was fine, though, because we had many small ones.	There were no large potatoes of size 2L or larger. Yield was fine, though, because we had many small ones.
There's nothing you can do when you are up against the weather. High temperatures and droughts caused us a lot of trouble.	There's nothing you can do when you are up against the weather. High temperatures and droughts caused us a lot of trouble.
They became weak and spindly due to a period of high temperatures	They became weak and spindly due to a period of high temperatures
They grew well thanks to good weather	They grew well thanks to good weather
They ripened early for their size. They are small, but the flesh grew so much that the skin broke.	They ripened early for their size. They are small, but the flesh grew so much that the skin broke.
Things didn't go as smoothly as we wanted because of bad weather including typhoons. Disappointed that potatoes rotted in the soil.	Things didn't go as smoothly as we wanted because of bad weather including typhoons. Disappointed that potatoes rotted in the soil.
Things went as usual without any problems	Things went as usual without any problems
Things went generally well	Things went generally well
Things went generally well even though we had a near drought. Potatoes had high starch contents.	Things went generally well even though we had a near drought. Potatoes had high starch contents.
Things were fine until mid-August, but then the weather deteriorated and that's why the yield decreased	Things were fine until mid-August, but then the weather deteriorated and that's why the yield decreased
Things were good till summer and then temperatures went down around July, so we used protection products to prevent blight	Things were good till summer and then temperatures went down around July, so we used protection products to prevent blight
This year was the year of diseases such as blight and soft rot	This year was the year of diseases such as blight and soft rot
Too much water during the growing stage. The weather wasn't kind to us this year.	Too much water during the growing stage. The weather wasn't kind to us this year.
Tubers didn't grow due to a drought in August	Tubers didn't grow due to a drought in August
Tubers were small due to long rain and lack of labor	Tubers were small due to long rain and lack of labor
Used a new method of ridging and succeeded in lowering the reject rate. We also had a lot of Psylliodes angusticollis in June and July.	Used a new method of ridging and succeeded in lowering the reject rate. We also had a lot of Psylliodes angusticollis in June and July.

Was expecting a good harvest because of the good weather in spring	Was expecting a good harvest because of the good weather in spring
Was expecting a good harvest because of the good weather in spring, but the ridges collapsed and I ended up with many green potatoes	Was expecting a good harvest because of the good weather in spring, but the ridges collapsed and I ended up with many green potatoes
We changed fertilizers but, with lack of sunshine, potatoes didn't grow satisfactorily	We changed fertilizers but, with lack of sunshine, potatoes didn't grow satisfactorily
We had a lot of rain in June and we couldn't control when we wanted to. We were worried about diseases, too, so I'm relieved we didn't have any.	We had a lot of rain in June and we couldn't control when we wanted to. We were worried about diseases, too, so I'm relieved we didn't have any.
We had high temperatures and a drought in July, but the damage wasn't that bad because the growth was good before that	We had high temperatures and a drought in July, but the damage wasn't that bad because the growth was good before that
We had low rainfall this year, so Area A, which is naturally dry, fared worse than Area B, which is wet	We had low rainfall this year, so Area A, which is naturally dry, fared worse than Area B, which is wet
We had soft rot in June because high rainfall, excess nitrogen, lack of sunshine, etc. made stems weak	We had soft rot in June because high rainfall, excess nitrogen, lack of sunshine, etc. made stems weak
We had some lack of moisture in July and August but it didn't largely affect the yield. The large temperature differences between day and night helped growth favorably.	We had some lack of moisture in July and August but it didn't largely affect the yield. The large temperature differences between day and night helped growth favorably.
We were able to finish planting earlier than usual by the end of April, so potatoes grew earlier. Seedlings were already fully grown when the bad weather hit in June and later, so we were spared from too much loss considering how damaging it was.	We were able to finish planting earlier than usual by the end of April, so potatoes grew earlier. Seedlings were already fully grown when the bad weather hit in June and later, so we were spared from too much loss considering how damaging it was.
Withered earlier than usual. I believe the cause was poor fertilizer management.	Withered earlier than usual. I believe the cause was poor fertilizer management.
Yield decreased because potatoes rotted as long rain and typhoons prevented us from going in the field and take care of them	Yield decreased because potatoes rotted as long rain and typhoons prevented us from going in the field and take care of them
Yield decreased due to poor weather	Yield decreased due to poor weather
Yield did not decreased even though we had 3 typhoons and had some potatoes washed away	Yield did not decreased even though we had 3 typhoons and had some potatoes washed away
Yield was affected by the high rainfall since August	Yield was affected by the high rainfall since August
Yield was not enough because of early wilting due to high rainfall and soft rot	Yield was not enough because of early wilting due to high rainfall and soft rot
You can't harvest when water remains in soil	You can't harvest when water remains in soil
nothing	nothing

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
2014-08-08	2014-08-08
2014-08-10	2014-08-10
2014-08-13	2014-08-13
2014-08-20	2014-08-20
2014-08-21	2014-08-21
2014-08-23	2014-08-23
2014-08-24	2014-08-24
2014-08-25	2014-08-25
2014-08-26	2014-08-26
2014-08-28	2014-08-28
2014-08-29	2014-08-29
2014-08-30	2014-08-30
2014-08-31	2014-08-31
2014-09-01	2014-09-01
2014-09-03	2014-09-03
2014-09-04	2014-09-04
2014-09-07	2014-09-07
2014-09-08	2014-09-08
2014-09-10	2014-09-10
2014-09-11	2014-09-11
2014-09-14	2014-09-14
2014-09-15	2014-09-15
2014-09-18	2014-09-18
2014-09-20	2014-09-20
2014-09-24	2014-09-24
2014-09-25	2014-09-25
2014-09-26	2014-09-26
2014-10-01	2014-10-01

Q360B: Q360. When was the harvest period for ?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-08-25	2014-08-25
2014-08-30	2014-08-30
2014-08-31	2014-08-31
2014-09-03	2014-09-03
2014-09-04	2014-09-04
2014-09-06	2014-09-06
2014-09-08	2014-09-08
2014-09-10	2014-09-10
2014-09-12	2014-09-12
2014-09-14	2014-09-14
2014-09-15	2014-09-15
2014-09-16	2014-09-16
2014-09-17	2014-09-17
2014-09-18	2014-09-18
2014-09-19	2014-09-19
2014-09-20	2014-09-20
2014-09-21	2014-09-21
2014-09-23	2014-09-23
2014-09-24	2014-09-24
2014-09-25	2014-09-25
2014-09-26	2014-09-26
2014-09-27	2014-09-27
2014-09-28	2014-09-28
2014-09-29	2014-09-29
2014-09-30	2014-09-30
2014-10-01	2014-10-01
2014-10-05	2014-10-05
2014-10-06	2014-10-06
2014-10-10	2014-10-10
2014-10-11	2014-10-11

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
2014-08-08	2014-08-08
2014-08-10	2014-08-10
2014-08-13	2014-08-13
2014-08-20	2014-08-20
2014-08-21	2014-08-21
2014-08-23	2014-08-23
2014-08-24	2014-08-24
2014-08-25	2014-08-25
2014-08-26	2014-08-26
2014-08-28	2014-08-28
2014-08-29	2014-08-29
2014-08-30	2014-08-30
2014-08-31	2014-08-31
2014-09-01	2014-09-01
2014-09-03	2014-09-03
2014-09-04	2014-09-04
2014-09-07	2014-09-07
2014-09-08	2014-09-08
2014-09-10	2014-09-10
2014-09-11	2014-09-11
2014-09-14	2014-09-14
2014-09-15	2014-09-15
2014-09-18	2014-09-18
2014-09-20	2014-09-20
2014-09-24	2014-09-24
2014-09-25	2014-09-25
2014-09-26	2014-09-26
2014-10-01	2014-10-01

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-08-25	2014-08-25
2014-08-30	2014-08-30
2014-08-31	2014-08-31
2014-09-03	2014-09-03
2014-09-04	2014-09-04
2014-09-06	2014-09-06
2014-09-08	2014-09-08
2014-09-10	2014-09-10
2014-09-12	2014-09-12
2014-09-14	2014-09-14
2014-09-15	2014-09-15
2014-09-16	2014-09-16
2014-09-17	2014-09-17
2014-09-18	2014-09-18
2014-09-19	2014-09-19
2014-09-20	2014-09-20
2014-09-21	2014-09-21
2014-09-23	2014-09-23
2014-09-24	2014-09-24
2014-09-25	2014-09-25
2014-09-26	2014-09-26
2014-09-27	2014-09-27
2014-09-28	2014-09-28
2014-09-29	2014-09-29
2014-09-30	2014-09-30
2014-10-01	2014-10-01
2014-10-05	2014-10-05
2014-10-06	2014-10-06
2014-10-10	2014-10-10
2014-10-11	2014-10-11

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
2014-08-08	2014-08-08
2014-08-10	2014-08-10
2014-08-13	2014-08-13
2014-08-20	2014-08-20
2014-08-21	2014-08-21
2014-08-23	2014-08-23
2014-08-24	2014-08-24
2014-08-25	2014-08-25
2014-08-26	2014-08-26
2014-08-28	2014-08-28
2014-08-29	2014-08-29
2014-08-30	2014-08-30
2014-08-31	2014-08-31
2014-09-01	2014-09-01
2014-09-03	2014-09-03
2014-09-04	2014-09-04
2014-09-07	2014-09-07
2014-09-08	2014-09-08
2014-09-10	2014-09-10
2014-09-11	2014-09-11
2014-09-14	2014-09-14
2014-09-15	2014-09-15
2014-09-18	2014-09-18
2014-09-20	2014-09-20
2014-09-24	2014-09-24
2014-09-25	2014-09-25
2014-09-26	2014-09-26
2014-10-01	2014-10-01

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
2014-08-25	2014-08-25
2014-08-30	2014-08-30
2014-08-31	2014-08-31
2014-09-03	2014-09-03
2014-09-04	2014-09-04
2014-09-06	2014-09-06
2014-09-08	2014-09-08
2014-09-10	2014-09-10
2014-09-12	2014-09-12
2014-09-14	2014-09-14
2014-09-15	2014-09-15
2014-09-16	2014-09-16
2014-09-17	2014-09-17
2014-09-18	2014-09-18
2014-09-19	2014-09-19
2014-09-20	2014-09-20
2014-09-21	2014-09-21
2014-09-23	2014-09-23
2014-09-24	2014-09-24
2014-09-25	2014-09-25
2014-09-26	2014-09-26
2014-09-27	2014-09-27
2014-09-28	2014-09-28
2014-09-29	2014-09-29
2014-09-30	2014-09-30
2014-10-01	2014-10-01
2014-10-05	2014-10-05
2014-10-06	2014-10-06
2014-10-10	2014-10-10
2014-10-11	2014-10-11

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 - 15 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: 85 - 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 - 6 Format: Numeric

Questions and instructions

CATEGORIES

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

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 114957.6 - 2873940 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: 10.084 - 2722680 Format: Numeric

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	average
2	low
3	very low
4	high

5	very high

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 50000 - 1512600 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: 151.26 - 321982.12 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: 252.1 - 262184 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 - 756300 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 - 504200 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 - 403360 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 - 50420 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 - 201680 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 - 50420 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 - 38823.4 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 - 110924 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 - 554620 Format: Numeric

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 5 - 50 Format: Numeric

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 2 - 35 Format: Numeric

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 5 - 50 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 - 40 Format: Numeric

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 44 Format: Numeric

Q381_6: Q381. Percentage of WATER USE costs out of the total input cost for ?

Data file: Global_farm_data

Overview

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

Q381_7: Q381. Percentage of FUEL costs out of the total input cost for ?

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 20 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 - 10 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 - 2.5 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 - 10 Format: Numeric

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

Data file: Global_farm_data

Overview

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

Q387_96: Q387. What was the impact for target crop? 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

Q387_OTH1: Q387.Other. Impact for growing area A on the ?

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	caused overall work delay
2	tend to catch disease
3	the grain was small so coululd harvest more

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 - 6 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
6	other. specify:

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 - 6 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	somewhat higher than usual
2	the same as usual
3	somewhat lower than usual
4	a lot higher than usual
5	a lot lower than usual
6	other. specify:

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	no
2	yes

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

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

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: 0 - 30 Format: Numeric

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

Data file: Global_farm_data

Overview

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

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 3000 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: 20 - 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	propelling water as rain

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

Q399E1: Q399. E1. What is your opinion about the in-furrow technology you applied?

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
0	0
? Using the fertilization management information JA faxes us as a reference	? Using the fertilization management information JA faxes us as a reference
Can't talk about the effect of the in-furrow method because it's not something that produces results right away, but it sure made my communication with the Syngenta rep frequent	Can't talk about the effect of the in-furrow method because it's not something that produces results right away, but it sure made my communication with the Syngenta rep frequent
Consulted the control calendar for rotation method. It was good because it was similar to my way of thinking.	Consulted the control calendar for rotation method. It was good because it was similar to my way of thinking.
DK	DK
Do see its effect on Thanatephorus cucumeris. Very helpful.	Do see its effect on Thanatephorus cucumeris. Very helpful.
Don't know. Don't know if it will be helpful.	Don't know. Don't know if it will be helpful.
Easy to use with timely provision of information	Easy to use with timely provision of information

Expect that In-furrow will spread as much as they have overseas because we are seeing new pests and diseases. Hope it will become available for products other than Amistar. Hoping for good effect on the next crop, too.	Expect that In-furrow will spread as much as they have overseas because we are seeing new pests and diseases. Hope it will become available for products other than Amistar. Hoping for good effect on the next crop, too.
Good that it provides information before disease infestations and helps prevent damages	Good that it provides information before disease infestations and helps prevent damages
Graphs would be easier to understand	Graphs would be easier to understand
Hope the Syngenta product (Actara) for solanum flea beetle can be applied at the same time using In-furrow	Hope the Syngenta product (Actara) for solanum flea beetle can be applied at the same time using In-furrow
I can see that the in-furrow method has improved potato quality, but I haven't seen a yield increase yet	I can see that the in-furrow method has improved potato quality, but I haven't seen a yield increase yet
I didn't do in-furrow because I'd returned the machine to Syngenta. Next year, I'm planning to buy Amigo and start in-furrow again.	I didn't do in-furrow because I'd returned the machine to Syngenta. Next year, I'm planning to buy Amigo and start in-furrow again.
I don't expect its effect to show up in 2-3 years. I'm planning to continue using it until the effect is seen in all the crops we grow in rotation (potatoes, beets, and barley/wheat/oat).	I don't expect its effect to show up in 2-3 years. I'm planning to continue using it until the effect is seen in all the crops we grow in rotation (potatoes, beets, and barley/wheat/oat).
I like that this is part of a global study by Syngenta. Would be even better if the questionnaire was adjusted more to the situations in Japan.	I like that this is part of a global study by Syngenta. Would be even better if the questionnaire was adjusted more to the situations in Japan.
I think things went pretty much perfectly as this was my fourth year. Both the yield and the quality were good. Others in this area were also successful, but I had even better results.	I think things went pretty much perfectly as this was my fourth year. Both the yield and the quality were good. Others in this area were also successful, but I had even better results.
I'm satisfied that we see less Thanatephorus cucumeris now after years of struggle. My potatoes have smoother skin now.	I'm satisfied that we see less Thanatephorus cucumeris now after years of struggle. My potatoes have smoother skin now.
Impossible to put 100% of the instructions into practice. We grow many kinds of crops and the weather intervenes, too. We don't have enough labor. The combinations of fertilizers and control products that can be used together are too complicated.	Impossible to put 100% of the instructions into practice. We grow many kinds of crops and the weather intervenes, too. We don't have enough labor. The combinations of fertilizers and control products that can be used together are too complicated.
My field grows starch potatoes, so it's not very meaningful to compare it to the overall data that includes both fresh market and processing potatoes	My field grows starch potatoes, so it's not very meaningful to compare it to the overall data that includes both fresh market and processing potatoes
None	None
Nothing	Nothing
Potatoes have smoother surface now. The fields we used the in-furrow method had relatively high yields. Its effect is more prominent in years when the overall potato yield was poor.	Potatoes have smoother surface now. The fields we used the in-furrow method had relatively high yields. Its effect is more prominent in years when the overall potato yield was poor.
Promising. Wish they do the same for products other than Amistar.	Promising. Wish they do the same for products other than Amistar.
Same as usual. There was no Thanatephorus cucumeris or Rhizoctonia, and little damage from low temperatures.	Same as usual. There was no Thanatephorus cucumeris or Rhizoctonia, and little damage from low temperatures.
Suspect that whoever put together this questionnaire don't know anything. I don't understand the intention of these questions. And they ask similar questions over and over.	Suspect that whoever put together this questionnaire don't know anything. I don't understand the intention of these questions. And they ask similar questions over and over.
The Syngenta rep pays us visits very frequently and we've established a friendly relationship	The Syngenta rep pays us visits very frequently and we've established a friendly relationship
The information on new agents is helpful	The information on new agents is helpful

The technology is great. It just needs more chemical products that can be used.	The technology is great. It just needs more chemical products that can be used.
The variety I'm growing is no longer fit for the soil or the climate, and I don't think in-furrow alone can solve these overarching problems	The variety I'm growing is no longer fit for the soil or the climate, and I don't think in-furrow alone can solve these overarching problems
Use it to confirm what I'm doing is right, and I need it to make sure not to make mistakes with agents	Use it to confirm what I'm doing is right, and I need it to make sure not to make mistakes with agents
Using it only as a reference because there are margins of errors for different areas	Using it only as a reference because there are margins of errors for different areas
Want them to address individual farmers instead of providing general opinions	Want them to address individual farmers instead of providing general opinions
Want to use it again next year because its instructions on the year's new agents against diseases are effective	Want to use it again next year because its instructions on the year's new agents against diseases are effective
We couldn't use the in-furrow method this year because the machine was broken, but it's fixed now so we'll be able to use it next year. We've used it for a few years now, but I haven't seen a clear effect yet.	We couldn't use the in-furrow method this year because the machine was broken, but it's fixed now so we'll be able to use it next year. We've used it for a few years now, but I haven't seen a clear effect yet.
We've been successful in controlling Thanatephorus cucumeris, so I have high hopes for the in-furrow method	We've been successful in controlling Thanatephorus cucumeris, so I have high hopes for the in-furrow method
When to control	When to control
nothing	nothing

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
2019-04-15	2019-04-15
2019-04-16	2019-04-16
2019-04-18	2019-04-18
2019-04-20	2019-04-20
2019-04-21	2019-04-21
2019-04-23	2019-04-23
2019-04-24	2019-04-24
2019-04-25	2019-04-25
2019-04-26	2019-04-26
2019-04-27	2019-04-27
2019-04-28	2019-04-28

2019-04-30	2019-04-30
2019-05-01	2019-05-01
2019-05-02	2019-05-02
2019-05-03	2019-05-03
2019-05-04	2019-05-04
2019-05-05	2019-05-05
2019-05-07	2019-05-07
2019-05-08	2019-05-08
2019-05-10	2019-05-10
2019-05-12	2019-05-12
2019-05-14	2019-05-14
2019-05-19	2019-05-19
2019-05-28	2019-05-28

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
2019-04-20	2019-04-20
2019-04-22	2019-04-22
2019-04-23	2019-04-23
2019-04-25	2019-04-25
2019-04-26	2019-04-26
2019-04-29	2019-04-29
2019-04-30	2019-04-30
2019-05-01	2019-05-01
2019-05-02	2019-05-02
2019-05-03	2019-05-03
2019-05-04	2019-05-04
2019-05-05	2019-05-05
2019-05-06	2019-05-06
2019-05-08	2019-05-08

2019-05-09	2019-05-09
2019-05-10	2019-05-10
2019-05-11	2019-05-11
2019-05-12	2019-05-12
2019-05-14	2019-05-14
2019-05-16	2019-05-16
2019-05-19	2019-05-19
2019-05-29	2019-05-29

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
2019-08-02	2019-08-02
2019-08-22	2019-08-22
2019-08-26	2019-08-26
2019-08-28	2019-08-28
2019-09-02	2019-09-02
2019-09-03	2019-09-03
2019-09-04	2019-09-04
2019-09-05	2019-09-05
2019-09-06	2019-09-06
2019-09-07	2019-09-07
2019-09-08	2019-09-08
2019-09-09	2019-09-09
2019-09-10	2019-09-10
2019-09-11	2019-09-11
2019-09-12	2019-09-12
2019-09-13	2019-09-13
2019-09-14	2019-09-14
2019-09-15	2019-09-15
2019-09-18	2019-09-18

2019-09-25	2019-09-25
2019-09-26	2019-09-26
2019-09-27	2019-09-27
2019-09-29	2019-09-29
2019-10-01	2019-10-01
2019-10-10	2019-10-10
2019-10-19	2019-10-19

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
2019-08-10	2019-08-10
2019-08-27	2019-08-27
2019-08-29	2019-08-29
2019-08-30	2019-08-30
2019-09-07	2019-09-07
2019-09-08	2019-09-08
2019-09-10	2019-09-10
2019-09-12	2019-09-12
2019-09-13	2019-09-13
2019-09-14	2019-09-14
2019-09-15	2019-09-15
2019-09-16	2019-09-16
2019-09-18	2019-09-18
2019-09-19	2019-09-19
2019-09-20	2019-09-20
2019-09-23	2019-09-23
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
2019-10-02	2019-10-02
2019-10-10	2019-10-10
2019-10-13	2019-10-13
2019-10-17	2019-10-17
2019-10-20	2019-10-20
2019-10-29	2019-10-29

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
2013-10-30	2013-10-30
2013-11-02	2013-11-02
2013-11-06	2013-11-06
2013-11-15	2013-11-15
2014-04-07	2014-04-07
2014-04-08	2014-04-08
2014-04-09	2014-04-09
2014-04-14	2014-04-14
2014-04-15	2014-04-15
2014-04-18	2014-04-18
2014-04-19	2014-04-19
2014-04-20	2014-04-20
2014-04-21	2014-04-21
2014-04-22	2014-04-22

2014-04-23	2014-04-23
2014-04-25	2014-04-25
2014-04-26	2014-04-26
2014-04-28	2014-04-28
2014-04-29	2014-04-29
2014-05-01	2014-05-01
2014-05-02	2014-05-02
2014-05-04	2014-05-04

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
2014-04-22	2014-04-22
2014-04-23	2014-04-23
2014-04-24	2014-04-24
2014-04-25	2014-04-25
2014-04-26	2014-04-26
2014-04-27	2014-04-27
2014-04-28	2014-04-28
2014-04-29	2014-04-29
2014-04-30	2014-04-30
2014-05-01	2014-05-01
2014-05-02	2014-05-02
2014-05-03	2014-05-03
2014-05-04	2014-05-04
2014-05-06	2014-05-06
2014-05-08	2014-05-08
2014-05-10	2014-05-10
2014-05-11	2014-05-11
2014-05-15	2014-05-15
2014-05-20	2014-05-20

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned

2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	mentioned
2	not mentioned

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
?????	?????

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

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q389_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_7: q389_7. Which water source has been used for irrigation? Water vendor

Data file: Global_farm_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_99: q389_99. Which water source has been used for irrigation? Don’t know / no answer

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

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
DK	DK
Furuume Dam	Furuume Dam
No answer	No answer
Public pipeline	Public pipeline
public pipeline	public pipeline

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
Based on my experience cultivating, effective against pest disease and damage when used. Also has yield volume.	Based on my experience cultivating, effective against pest disease and damage when used. Also has yield volume.
Because I can trust this information	Because I can trust this information
Because I think this is optimal	Because I think this is optimal
Because field conditions differ	Because field conditions differ
Because have used these for a very long time and feel they are practical, also considering my own personal experience.	Because have used these for a very long time and feel they are practical, also considering my own personal experience.
Because it is generally used	Because it is generally used
Because it is important reference	Because it is important reference
Because it is possible to safely cultivate	Because it is possible to safely cultivate
Because it is possible to safely cultivate.	Because it is possible to safely cultivate.
Because the actual work conditions are different each time.	Because the actual work conditions are different each time.
Because there have never been any problems with the harvest when I followed the instructions exactly	Because there have never been any problems with the harvest when I followed the instructions exactly
Black spots	Black spots

Brings circularity (everything from fertilization design) that is good for the growth of potatoes	Brings circularity (everything from fertilization design) that is good for the growth of potatoes
Can refer to calendar instructions.	Can refer to calendar instructions.
Can rely on the calendar (materials) received from JA. Past experience / well suited for the soil, etc.	Can rely on the calendar (materials) received from JA. Past experience / well suited for the soil, etc.
Consulted it for growing techniques, dilution rates, when to control, when diseases might occur, etc.	Consulted it for growing techniques, dilution rates, when to control, when diseases might occur, etc.
Consulted the control calendar for rotation method	Consulted the control calendar for rotation method
Convenient because it forecasts pests on the basis of weather conditions. Can prepare pesticides and otherwise assemble work. There have been no opportunities.	Convenient because it forecasts pests on the basis of weather conditions. Can prepare pesticides and otherwise assemble work. There have been no opportunities.
Could not follow the indicated amounts because I was growing with reduced agricultural chemicals	Could not follow the indicated amounts because I was growing with reduced agricultural chemicals
Cultivated according to the protocol as usual. Cultivation was successful.	Cultivated according to the protocol as usual. Cultivation was successful.
DK	DK
Deal with climate conditions each time. Disregard cultivation calendar	Deal with climate conditions each time. Disregard cultivation calendar
Did the in-furrow application hoping for a reduction of Thanatephorus cucumeris	Did the in-furrow application hoping for a reduction of Thanatephorus cucumeris
Do crop work suited for each cycle according to the cultivation calendar	Do crop work suited for each cycle according to the cultivation calendar
Fertilization designs are important, but the fertilizers mentioned in the instructions are expensive, so I used something that's a little cheaper but has similar effects	Fertilization designs are important, but the fertilizers mentioned in the instructions are expensive, so I used something that's a little cheaper but has similar effects
Fertilization management	Fertilization management
Followed only the parts that I needed. Other than that, I did what was suitable to my field.	Followed only the parts that I needed. Other than that, I did what was suitable to my field.
Followed part of the protocol, but there was a product I wanted to use, so I used it based on my own judgment	Followed part of the protocol, but there was a product I wanted to use, so I used it based on my own judgment
Followed the protocol and purchased the right amount of the product for the area. That should be good enough.	Followed the protocol and purchased the right amount of the product for the area. That should be good enough.
Following the protocol helps you not wasting chemical products, so you can reduce costs	Following the protocol helps you not wasting chemical products, so you can reduce costs
For a cultivation calendar that is reliable	For a cultivation calendar that is reliable
For peace of mind	For peace of mind
Gives a basic idea of when to do pest control.	Gives a basic idea of when to do pest control.
Have never changed up to now	Have never changed up to now
Have no choice but to use it because it's like a textbook	Have no choice but to use it because it's like a textbook
Heard the soil analysis results and they made sense to me, so I used the program as a reference	Heard the soil analysis results and they made sense to me, so I used the program as a reference
Helps me know when is the right time to apply a chemical product	Helps me know when is the right time to apply a chemical product
Helps not to use chemical products incorrectly and to weed at the right timing	Helps not to use chemical products incorrectly and to weed at the right timing
Helps prevent diseases because it contains instructions on exactly when to use protection products and when diseases might occur	Helps prevent diseases because it contains instructions on exactly when to use protection products and when diseases might occur

Hoping for the prevention of Thanatephorus cucumeris and the early control of aphids	Hoping for the prevention of Thanatephorus cucumeris and the early control of aphids
I consider this to be an experiment for future, so I used it only in Area A and not in Area B to compare its effects	I consider this to be an experiment for future, so I used it only in Area A and not in Area B to compare its effects
I didn't follow the instructions to plant larger seed potatoes and sterilize seed potatoes: I used many small seed potatoes and purchased seed potatoes that were already sterilized	I didn't follow the instructions to plant larger seed potatoes and sterilize seed potatoes: I used many small seed potatoes and purchased seed potatoes that were already sterilized
I follow the control practice of this region as I do every year because we all need to do so here	I follow the control practice of this region as I do every year because we all need to do so here
I follow the cultivation instructions from Calbee because I trust them. They were never wrong about which fertilizers to use, which chemicals to choose, etc.	I follow the cultivation instructions from Calbee because I trust them. They were never wrong about which fertilizers to use, which chemicals to choose, etc.
I follow the instructions to earn stable income without being affected by the weather	I follow the instructions to earn stable income without being affected by the weather
I followed most of it, such as advice on new techniques. But I didn't follow the instructions on planting, which recommended to plant seed potatoes extremely deep, because I didn't agree.	I followed most of it, such as advice on new techniques. But I didn't follow the instructions on planting, which recommended to plant seed potatoes extremely deep, because I didn't agree.
I followed some of the information on chemicals	I followed some of the information on chemicals
I followed the instructions on how to avoid disease infection, but I didn't use expensive chemicals	I followed the instructions on how to avoid disease infection, but I didn't use expensive chemicals
I get instructions from multiple sources, and take what I think are good from them	I get instructions from multiple sources, and take what I think are good from them
I got instructions about how to apply fertilizers based on practices used by growers achieving high yields, but they weren't suitable for my land	I got instructions about how to apply fertilizers based on practices used by growers achieving high yields, but they weren't suitable for my land
I know what to do without looking because it’s the same thing every year	I know what to do without looking because it’s the same thing every year
I learned about this year’s climate and pesticides.	I learned about this year’s climate and pesticides.
I only followed part of the protocol, and followed my own thinking. I choose a method that is suitable for the field.	I only followed part of the protocol, and followed my own thinking. I choose a method that is suitable for the field.
I only used it as a reference. I'm not going to follow it completely. I have my own way of doing things and I like the products I'm using.	I only used it as a reference. I'm not going to follow it completely. I have my own way of doing things and I like the products I'm using.
I refer to it when choosing chemicals	I refer to it when choosing chemicals
I referred to instructions on control products during the growth stage	I referred to instructions on control products during the growth stage
I referred to it for the chemicals to be applied in rotation	I referred to it for the chemicals to be applied in rotation
I referred to it to see which chemicals we need now	I referred to it to see which chemicals we need now
I referred to the instructions on control methods and chemical brands	I referred to the instructions on control methods and chemical brands
I use the control calendar because it makes sense	I use the control calendar because it makes sense
I used it when choosing chemicals	I used it when choosing chemicals
I used it when choosing chemicals to spray, though I also relied on my own experience. I don't feel comfortable to switch completely at once.	I used it when choosing chemicals to spray, though I also relied on my own experience. I don't feel comfortable to switch completely at once.
I used the chemicals exactly as instructed. Early order discount was available for the chemicals, so I ordered them in spring. They also provide advice on farm management every 2 weeks, and I follow the advice, too.	I used the chemicals exactly as instructed. Early order discount was available for the chemicals, so I ordered them in spring. They also provide advice on farm management every 2 weeks, and I follow the advice, too.

I used them when choosing which types of chemicals to use and when applying them	I used them when choosing which types of chemicals to use and when applying them
If it rains a lot, they fax us instructions on what types of chemicals to use	If it rains a lot, they fax us instructions on what types of chemicals to use
Increased harvest amount. Cost reduction	Increased harvest amount. Cost reduction
It helps to predict pests and diseases, so I consult it when I do my control work	It helps to predict pests and diseases, so I consult it when I do my control work
It may not affect yield, but our potatoes turned out pretty with good skin. Hope this will increase the price. Also hoping for its effect on black spots. Might help reduce damage in case of poor harvest.	It may not affect yield, but our potatoes turned out pretty with good skin. Hope this will increase the price. Also hoping for its effect on black spots. Might help reduce damage in case of poor harvest.
It was exactly what I had expected it to be, so I followed it	It was exactly what I had expected it to be, so I followed it
It's not noticeably effective and I don't think it justifies the high cost	It's not noticeably effective and I don't think it justifies the high cost
Its control calendar and instructions on cultivation management are helpful when deciding when to control or which chemicals to use	Its control calendar and instructions on cultivation management are helpful when deciding when to control or which chemicals to use
JA can be relied on. There are details about the pest control calendar for each crop.	JA can be relied on. There are details about the pest control calendar for each crop.
Just for general reference because I use methods that fit my farm	Just for general reference because I use methods that fit my farm
Just for general reference. Cultivation history is general so use methods to fit my farm and the weather.	Just for general reference. Cultivation history is general so use methods to fit my farm and the weather.
Long years of experience, test results are indicated	Long years of experience, test results are indicated
Make reservations and orders for agricultural chemicals based on the history so there is no effort required to prepare and no chemical waste.	Make reservations and orders for agricultural chemicals based on the history so there is no effort required to prepare and no chemical waste.
No answer	No answer
None	None
Nothing	Nothing
Nothing else is dependable	Nothing else is dependable
Nothing in Particular	Nothing in Particular
Only use the cultivation history as general reference because I use methods that fit my soil and weather	Only use the cultivation history as general reference because I use methods that fit my soil and weather
Our JA does not issue control calendars	Our JA does not issue control calendars
Our in-furrow machine, Amigo, broke	Our in-furrow machine, Amigo, broke
Our potatoes in this field aren't a Specially Cultivated Agricultural Product, but we use the same control method as Area B because it's easier that way.	Our potatoes in this field aren't a Specially Cultivated Agricultural Product, but we use the same control method as Area B because it's easier that way.
Refer to for pesticide spraying, etc.	Refer to for pesticide spraying, etc.
Refer to it when I need help	Refer to it when I need help
Since I supply the JA, I get JA guidance	Since I supply the JA, I get JA guidance
Since the way to cultivate each variety of potato is different, we proceed according to the manual.	Since the way to cultivate each variety of potato is different, we proceed according to the manual.
Since there is early awareness of new information, technology based on that is used to update every year.	Since there is early awareness of new information, technology based on that is used to update every year.
Snowden is insusceptible to black spots and doesn't need Amstar In-furrow	Snowden is insusceptible to black spots and doesn't need Amstar In-furrow

The advice is timely	The advice is timely
The communication was the same as usual, so I did just like I always do	The communication was the same as usual, so I did just like I always do
The cultivation instructions are useful to know which chemicals are suitable for which crops and when to control	The cultivation instructions are useful to know which chemicals are suitable for which crops and when to control
The information is solid. If you follow it precisely, yield will improve.	The information is solid. If you follow it precisely, yield will improve.
The protocol is meant for normal circumstances. When the weather isn't normal, different chemical products must be used accordingly.	The protocol is meant for normal circumstances. When the weather isn't normal, different chemical products must be used accordingly.
The protocol is not quite in sync with the weather	The protocol is not quite in sync with the weather
The rep from my client gave me instructions on fertilizers	The rep from my client gave me instructions on fertilizers
There are many advantages for cultivation	There are many advantages for cultivation
There are rules about seed tuber cultivation.	There are rules about seed tuber cultivation.
They specified the chemicals and application dates. They fax us the results from trial digging and also let us know when to harvest. Those pieces of information were helpful.	They specified the chemicals and application dates. They fax us the results from trial digging and also let us know when to harvest. Those pieces of information were helpful.
This is the example to follow	This is the example to follow
To keep things the same as others in the area	To keep things the same as others in the area
To minimize tuber bruises, I followed the instructions exactly on the height and speed to drop tubers	To minimize tuber bruises, I followed the instructions exactly on the height and speed to drop tubers
To prevent pest disease and damage	To prevent pest disease and damage
Unable to perform work as planned due to weather	Unable to perform work as planned due to weather
Use cultivation history as the standard and use methods that work for the farm at that time	Use cultivation history as the standard and use methods that work for the farm at that time
Use methods that fit my farm according to the weather, etc. Use the cultivation history as reference.	Use methods that fit my farm according to the weather, etc. Use the cultivation history as reference.
Used it as a reference when applying agents	Used it as a reference when applying agents
Used it because I trusted the track records in "Instructions and Recommendations"	Used it because I trusted the track records in "Instructions and Recommendations"
Used it because I was using the new disinfectant	Used it because I was using the new disinfectant
Used it only partially because some of the agents were different from what I already had	Used it only partially because some of the agents were different from what I already had
Used it to look up things I forgot (e.g. chemical product names)	Used it to look up things I forgot (e.g. chemical product names)
Used methods to fit my farm considering the weather, etc.	Used methods to fit my farm considering the weather, etc.
Used part of the faxed information and instructions on agents when low temperatures or rainfall went on for a while	Used part of the faxed information and instructions on agents when low temperatures or rainfall went on for a while
Used the control system and fertilizer application design because I thought I could trust these	Used the control system and fertilizer application design because I thought I could trust these
Used the new agent it recommended	Used the new agent it recommended
Used the new agent listed in "Instructions and Recommendations." It was highly effective with systemic property.	Used the new agent listed in "Instructions and Recommendations." It was highly effective with systemic property.
We did in-furrow in the entire area this year	We did in-furrow in the entire area this year

We do in-furrow applications not just for potatoes but for improving the entire soil of our farm. We're hoping that the in-furrow application will bring better effects on the germinating period than incorporating Amistar into the soil.	We do in-furrow applications not just for potatoes but for improving the entire soil of our farm. We're hoping that the in-furrow application will bring better effects on the germinating period than incorporating Amistar into the soil.
We don't do in-furrow applications	We don't do in-furrow applications
We had soft rot, so I referred to it for which agents to choose. Having grown beets the previous year likely leads to excess nitrogen.	We had soft rot, so I referred to it for which agents to choose. Having grown beets the previous year likely leads to excess nitrogen.
We have to because we are growing our potatoes as a Specially Cultivated Agricultural Product in this field. There are rules about chemical products.	We have to because we are growing our potatoes as a Specially Cultivated Agricultural Product in this field. There are rules about chemical products.
We only use it as a rough guide	We only use it as a rough guide
We use it only as a supplemental guide, we basically follow our own method	We use it only as a supplemental guide, we basically follow our own method
We use the in-furrow application in only a part of an area because we're only testing it	We use the in-furrow application in only a part of an area because we're only testing it
We'd have to ship according to the protocol schedule. We ship to JA and they have their special employees for that.	We'd have to ship according to the protocol schedule. We ship to JA and they have their special employees for that.
Whenever I use the chemicals as instructed or recommended, I can see the effects with my own eyes	Whenever I use the chemicals as instructed or recommended, I can see the effects with my own eyes
Wished the flow of control work was explained in more detail because the weather was poor this year. The control methods and chemical products need to be changed depending on the weather.	Wished the flow of control work was explained in more detail because the weather was poor this year. The control methods and chemical products need to be changed depending on the weather.
Work delayed due to rain	Work delayed due to rain
nothing	nothing

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
Agricultural organization	Agricultural organization
Calbee	Calbee
Food manufacturer	Food manufacturer

Q397B_OTH2: Q397B. From whom did you receive the protocol/crop program? Other 2

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Other farmer in group	Other farmer in group

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
Akeno Agricultural Union	Akeno Agricultural Union
Bihoro Bareisho Seisan Kumiai	Bihoro Bareisho Seisan Kumiai
Burdock Productive Cooperative	Burdock Productive Cooperative
Calbee Productive Cooperative	Calbee Productive Cooperative
Daichi no MEGUMI	Daichi no MEGUMI
JA	JA
JA Biei	JA Biei
JA Biei / Bait Potato Special Cultivation Producers Group	JA Biei / Bait Potato Special Cultivation Producers Group
JA Bihoro	JA Bihoro
JA FURANO	JA FURANO
JA Furano	JA Furano
JA Kawanishi	JA Kawanishi
JA Kitamimirai	JA Kitamimirai
JA Kitamirai	JA Kitamirai
JA Makubetsu	JA Makubetsu
JA Memambetsu	JA Memambetsu

JA Memanbetsu	JA Memanbetsu
JA Memuro	JA Memuro
JA Memuro.	JA Memuro.
JA Obihiro	JA Obihiro
JA Obihiro Kawanishi	JA Obihiro Kawanishi
JA Obihiro Taisho	JA Obihiro Taisho
JA Obihirokawanishi	JA Obihirokawanishi
JA Obihirotaisho	JA Obihirotaisho
JA Otofuke	JA Otofuke
JA Sarabetsu	JA Sarabetsu
JA Satsunai	JA Satsunai
JA Shari	JA Shari
JA Shari-chou	JA Shari-chou
JA Taisho	JA Taisho
JA Toyokoro	JA Toyokoro
JA-Processed Potato Association	JA-Processed Potato Association
Memurocho JA	Memurocho JA
Memurocho Seed & Potato Productive Cooperative	Memurocho Seed & Potato Productive Cooperative
Obihiro-shi Kawanishi JA	Obihiro-shi Kawanishi JA
Potato Productive Cooperative	Potato Productive Cooperative
Potato and Dengen Cooperative	Potato and Dengen Cooperative
Shokuyou Bareisho Shinkoukai	Shokuyou Bareisho Shinkoukai
Tokachi Shimizu JA	Tokachi Shimizu JA
Tokachi Shimizu-cho Agricultura	Tokachi Shimizu-cho Agricultura
Tokachi Shimizu-cho Agricultural Union	Tokachi Shimizu-cho Agricultural Union

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
Bihoro Potato Club	Bihoro Potato Club
Bihoro-cho Tensai Kyougikai	Bihoro-cho Tensai Kyougikai

JA Bihoro	JA Bihoro
JA Memanbetsu	JA Memanbetsu
N	N
Nagaimo yams Productive Cooperative	Nagaimo yams Productive Cooperative
Otori	Otori
Processed Potatoes Productive Cooperative	Processed Potatoes Productive Cooperative
Sasoi Social Club	Sasoi Social Club

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
JA Bihoro	JA Bihoro
P	P
Processed Potato Productive Cooperative	Processed Potato Productive Cooperative

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 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	flat
2	gentle slope
3	steep slope
4	hilly

Q230_1: Bought seeds

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q230_2: Saved seeds

Data file: Global_farm_data

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	not mentioned
2	mentioned

Q302: Q302. What is the percentage of decay for potato?

Data file: Global_farm_data

Overview

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

Q303: Q303. What is the percentage of shrink loss for potato?

Data file: Global_farm_data

Overview

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

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

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 100 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
2014-04-22	2014-04-22
2014-04-23	2014-04-23
2014-04-24	2014-04-24
2014-04-25	2014-04-25
2014-04-26	2014-04-26
2014-04-27	2014-04-27
2014-04-28	2014-04-28
2014-04-29	2014-04-29
2014-04-30	2014-04-30
2014-05-01	2014-05-01
2014-05-02	2014-05-02
2014-05-03	2014-05-03
2014-05-04	2014-05-04
2014-05-06	2014-05-06
2014-05-08	2014-05-08
2014-05-10	2014-05-10
2014-05-11	2014-05-11
2014-05-15	2014-05-15
2014-05-20	2014-05-20

Q247_1A: Q247. BUYER 1 % of yield

Data file: Global_farm_data

Overview

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

Q247_2A: Q247. BUYER 2 % of yield

Data file: Global_farm_data

Overview

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

Q247_3A: Q247. BUYER 3 % of yield

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 3 - 20 Format: Numeric

Q247_4A: Q247. BUYER 4 % of yield

Data file: Global_farm_data

Overview

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

Q247_5A: Q247. BUYER 5 % of yield

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 2 - 2 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: 15000 - 83333 Format: Numeric

Q247_2B: Q247. BUYER 2 price per metric ton

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 3000 - 80000 Format: Numeric

Q247_3B: Q247. BUYER 3 price per metric ton

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 15000 - 18000 Format: Numeric

Q247_4B: Q247. BUYER 4 price per metric ton

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 18000 - 18000 Format: Numeric

Q247_5B: Q247. BUYER 5 price per metric ton

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 18000 - 18000 Format: Numeric

Q301: Q301. What is the starch content per potato? (%)

Data file: Global_farm_data

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 1 - 25 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
JapanPotato1	JapanPotato1
JapanPotato2	JapanPotato2
JapanPotato3	JapanPotato3

COUNTRY: Country

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
Japan	Japan

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
22100100	22100100
22100200	22100200
22100300	22100300
22100400	22100400
22100500	22100500
22110100	22110100
22110200	22110200
22110300	22110300
22110401	22110401

22110402	22110402
22110500	22110500
22110600	22110600
22110700	22110700
22110701	22110701
22110702	22110702
22110800	22110800
22110900	22110900
22111000	22111000
22111001	22111001
22111002	22111002
22111100	22111100
22200100	22200100
22200200	22200200
22200400	22200400
22200600	22200600
22200700	22200700
22200900	22200900
22201100	22201100
22201200	22201200
22201300	22201300
22201400	22201400
22201800	22201800
22201900	22201900
22202000	22202000
22202100	22202100
22202300	22202300
22202400	22202400
22202500	22202500
22202700	22202700
22203500	22203500
22203600	22203600
22203700	22203700
22203800	22203800
22203900	22203900
22204000	22204000
22204100	22204100
22204200	22204200
22204400	22204400

22204500	22204500
22204600	22204600
22204700	22204700
22204800	22204800
22204900	22204900
22205000	22205000
22205100	22205100
22206100	22206100
22206200	22206200
22206300	22206300
22206400	22206400
22206700	22206700
22206900	22206900
22207000	22207000
22207100	22207100
22207200	22207200
22207300	22207300
22207400	22207400
22210100	22210100
22210200	22210200
22210300	22210300
22210400	22210400
22210500	22210500
22210600	22210600
22210700	22210700
22210800	22210800
22220100	22220100
22220200	22220200
22220300	22220300
22220400	22220400
22220500	22220500
22220600	22220600
22220700	22220700
22220800	22220800
22220900	22220900
22230100	22230100
22230200	22230200
22230300	22230300
22230400	22230400

22230500	22230500
22230600	22230600
22230700	22230700
22230800	22230800
22230900	22230900
22231000	22231000
22240100	22240100
22240200	22240200
22240300	22240300
22240400	22240400
22240500	22240500
22240600	22240600
22240700	22240700
22240800	22240800
22250200	22250200
22250300	22250300
22250400	22250400
22250500	22250500
22250600	22250600
22250700	22250700

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
14	14
15	15

16	16
17	17
18	18
19	19
2	2
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
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
Potato	Potato

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
2	2
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
2014-04-04	2014-04-04
2014-04-07	2014-04-07
2014-04-08	2014-04-08
2014-04-09	2014-04-09

2014-04-21	2014-04-21
2014-04-24	2014-04-24
2014-04-28	2014-04-28
2014-04-29	2014-04-29
2014-05-01	2014-05-01
2014-05-02	2014-05-02
2014-05-03	2014-05-03
2014-05-05	2014-05-05
2014-05-06	2014-05-06
2014-05-12	2014-05-12
2014-05-13	2014-05-13
2014-05-14	2014-05-14
2014-05-15	2014-05-15
2014-05-19	2014-05-19
2014-05-20	2014-05-20
2014-05-21	2014-05-21
2014-05-22	2014-05-22
2014-05-23	2014-05-23
2014-05-25	2014-05-25
2014-05-26	2014-05-26
2014-05-27	2014-05-27
2014-05-28	2014-05-28
2014-05-30	2014-05-30
2014-06-02	2014-06-02
2014-06-03	2014-06-03
2014-06-04	2014-06-04
2014-06-05	2014-06-05
2014-06-06	2014-06-06
2014-06-07	2014-06-07
2014-06-11	2014-06-11
2014-06-13	2014-06-13
2014-06-14	2014-06-14
2014-06-15	2014-06-15
2014-06-16	2014-06-16
2014-06-17	2014-06-17
2014-06-18	2014-06-18
2014-06-19	2014-06-19
2014-06-20	2014-06-20
2014-06-21	2014-06-21

2014-06-22	2014-06-22
2014-06-23	2014-06-23
2014-06-24	2014-06-24
2014-06-25	2014-06-25
2014-06-26	2014-06-26
2014-06-27	2014-06-27
2014-06-28	2014-06-28
2014-06-29	2014-06-29
2014-06-30	2014-06-30
2014-07-01	2014-07-01
2014-07-02	2014-07-02
2014-07-03	2014-07-03
2014-07-04	2014-07-04
2014-07-05	2014-07-05
2014-07-06	2014-07-06
2014-07-07	2014-07-07
2014-07-08	2014-07-08
2014-07-09	2014-07-09
2014-07-12	2014-07-12
2014-07-13	2014-07-13
2014-07-14	2014-07-14
2014-07-15	2014-07-15
2014-07-16	2014-07-16
2014-07-17	2014-07-17
2014-07-18	2014-07-18
2014-07-19	2014-07-19
2014-07-20	2014-07-20
2014-07-21	2014-07-21
2014-07-22	2014-07-22
2014-07-23	2014-07-23
2014-07-24	2014-07-24
2014-07-25	2014-07-25
2014-07-26	2014-07-26
2014-07-28	2014-07-28
2014-07-29	2014-07-29
2014-07-30	2014-07-30
2014-07-31	2014-07-31
2014-08-01	2014-08-01
2014-08-02	2014-08-02

2014-08-03	2014-08-03
2014-08-04	2014-08-04
2014-08-05	2014-08-05
2014-08-06	2014-08-06
2014-08-07	2014-08-07
2014-08-08	2014-08-08
2014-08-09	2014-08-09
2014-08-10	2014-08-10
2014-08-11	2014-08-11
2014-08-12	2014-08-12
2014-08-13	2014-08-13
2014-08-14	2014-08-14
2014-08-15	2014-08-15
2014-08-16	2014-08-16
2014-08-17	2014-08-17
2014-08-18	2014-08-18
2014-08-19	2014-08-19
2014-08-20	2014-08-20
2014-08-21	2014-08-21
2014-08-22	2014-08-22
2014-08-23	2014-08-23
2014-08-26	2014-08-26
2014-08-27	2014-08-27
2014-08-28	2014-08-28
2014-08-30	2014-08-30
2014-08-31	2014-08-31
2014-09-01	2014-09-01
2014-09-03	2014-09-03
2014-09-05	2014-09-05
2015-04-05	2015-04-05
2015-04-22	2015-04-22
2015-04-28	2015-04-28
2015-05-02	2015-05-02
2015-05-05	2015-05-05
2015-05-09	2015-05-09
2015-05-10	2015-05-10
2015-05-11	2015-05-11
2015-05-13	2015-05-13
2015-05-15	2015-05-15

2015-05-16	2015-05-16
2015-05-17	2015-05-17
2015-05-19	2015-05-19
2015-05-20	2015-05-20
2015-05-21	2015-05-21
2015-05-22	2015-05-22
2015-05-24	2015-05-24
2015-05-25	2015-05-25
2015-05-27	2015-05-27
2015-05-28	2015-05-28
2015-05-29	2015-05-29
2015-05-30	2015-05-30
2015-06-01	2015-06-01
2015-06-02	2015-06-02
2015-06-04	2015-06-04
2015-06-05	2015-06-05
2015-06-06	2015-06-06
2015-06-07	2015-06-07
2015-06-08	2015-06-08
2015-06-10	2015-06-10
2015-06-11	2015-06-11
2015-06-12	2015-06-12
2015-06-14	2015-06-14
2015-06-15	2015-06-15
2015-06-16	2015-06-16
2015-06-17	2015-06-17
2015-06-18	2015-06-18
2015-06-19	2015-06-19
2015-06-20	2015-06-20
2015-06-21	2015-06-21
2015-06-22	2015-06-22
2015-06-23	2015-06-23
2015-06-24	2015-06-24
2015-06-25	2015-06-25
2015-06-26	2015-06-26
2015-06-27	2015-06-27
2015-06-28	2015-06-28
2015-06-29	2015-06-29
2015-06-30	2015-06-30

2015-07-01	2015-07-01
2015-07-02	2015-07-02
2015-07-03	2015-07-03
2015-07-04	2015-07-04
2015-07-05	2015-07-05
2015-07-06	2015-07-06
2015-07-07	2015-07-07
2015-07-08	2015-07-08
2015-07-09	2015-07-09
2015-07-10	2015-07-10
2015-07-11	2015-07-11
2015-07-12	2015-07-12
2015-07-13	2015-07-13
2015-07-14	2015-07-14
2015-07-15	2015-07-15
2015-07-16	2015-07-16
2015-07-17	2015-07-17
2015-07-18	2015-07-18
2015-07-19	2015-07-19
2015-07-20	2015-07-20
2015-07-21	2015-07-21
2015-07-22	2015-07-22
2015-07-23	2015-07-23
2015-07-24	2015-07-24
2015-07-25	2015-07-25
2015-07-26	2015-07-26
2015-07-27	2015-07-27
2015-07-29	2015-07-29
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
2015-08-05	2015-08-05
2015-08-06	2015-08-06
2015-08-08	2015-08-08
2015-08-09	2015-08-09
2015-08-10	2015-08-10

2015-08-11	2015-08-11
2015-08-12	2015-08-12
2015-08-13	2015-08-13
2015-08-14	2015-08-14
2015-08-15	2015-08-15
2015-08-16	2015-08-16
2015-08-17	2015-08-17
2015-08-18	2015-08-18
2015-08-19	2015-08-19
2015-08-20	2015-08-20
2015-08-21	2015-08-21
2015-08-22	2015-08-22
2015-08-23	2015-08-23
2015-08-24	2015-08-24
2015-08-25	2015-08-25
2015-08-26	2015-08-26
2015-08-27	2015-08-27
2015-08-28	2015-08-28
2015-08-30	2015-08-30
2015-08-31	2015-08-31
2015-09-01	2015-09-01
2015-09-03	2015-09-03
2015-09-04	2015-09-04
2015-09-06	2015-09-06
2015-09-10	2015-09-10
2015-09-14	2015-09-14
2016-04-25	2016-04-25
2016-05-03	2016-05-03
2016-05-09	2016-05-09
2016-05-10	2016-05-10
2016-05-11	2016-05-11
2016-05-15	2016-05-15
2016-05-18	2016-05-18
2016-05-19	2016-05-19
2016-05-20	2016-05-20
2016-05-21	2016-05-21
2016-05-22	2016-05-22
2016-05-23	2016-05-23
2016-05-25	2016-05-25

2016-05-26	2016-05-26
2016-05-28	2016-05-28
2016-05-29	2016-05-29
2016-05-31	2016-05-31
2016-06-03	2016-06-03
2016-06-06	2016-06-06
2016-06-07	2016-06-07
2016-06-11	2016-06-11
2016-06-12	2016-06-12
2016-06-15	2016-06-15
2016-06-16	2016-06-16
2016-06-19	2016-06-19
2016-06-20	2016-06-20
2016-06-21	2016-06-21
2016-06-22	2016-06-22
2016-06-23	2016-06-23
2016-06-24	2016-06-24
2016-06-25	2016-06-25
2016-06-27	2016-06-27
2016-06-28	2016-06-28
2016-06-29	2016-06-29
2016-06-30	2016-06-30
2016-07-01	2016-07-01
2016-07-02	2016-07-02
2016-07-03	2016-07-03
2016-07-04	2016-07-04
2016-07-05	2016-07-05
2016-07-06	2016-07-06
2016-07-07	2016-07-07
2016-07-08	2016-07-08
2016-07-09	2016-07-09
2016-07-10	2016-07-10
2016-07-11	2016-07-11
2016-07-12	2016-07-12
2016-07-13	2016-07-13
2016-07-14	2016-07-14
2016-07-15	2016-07-15
2016-07-16	2016-07-16
2016-07-17	2016-07-17

2016-07-18	2016-07-18
2016-07-19	2016-07-19
2016-07-20	2016-07-20
2016-07-21	2016-07-21
2016-07-22	2016-07-22
2016-07-23	2016-07-23
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2016-07-26	2016-07-26
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2016-08-24	2016-08-24
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2016-09-02	2016-09-02
2016-09-04	2016-09-04
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2017-04-26	2017-04-26
2017-05-03	2017-05-03
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2017-06-14	2017-06-14
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2017-07-23	2017-07-23
2017-07-24	2017-07-24
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2018-09-16	2018-09-16
2019-04-27	2019-04-27
2019-04-29	2019-04-29
2019-05-01	2019-05-01
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2019-05-03	2019-05-03
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2019-05-06	2019-05-06
2019-05-11	2019-05-11
2019-05-15	2019-05-15
2019-05-18	2019-05-18

2019-05-19	2019-05-19
2019-05-22	2019-05-22
2019-05-23	2019-05-23
2019-05-25	2019-05-25
2019-05-26	2019-05-26
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2019-05-28	2019-05-28
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2019-06-03	2019-06-03
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2019-06-20	2019-06-20
2019-06-21	2019-06-21
2019-06-22	2019-06-22
2019-06-23	2019-06-23
2019-06-24	2019-06-24
2019-06-25	2019-06-25
2019-06-26	2019-06-26
2019-06-27	2019-06-27
2019-06-28	2019-06-28
2019-06-29	2019-06-29
2019-07-01	2019-07-01
2019-07-02	2019-07-02
2019-07-03	2019-07-03
2019-07-04	2019-07-04
2019-07-06	2019-07-06
2019-07-08	2019-07-08
2019-07-09	2019-07-09

2019-07-10	2019-07-10
2019-07-11	2019-07-11
2019-07-12	2019-07-12
2019-07-16	2019-07-16
2019-07-17	2019-07-17
2019-07-18	2019-07-18
2019-07-19	2019-07-19
2019-07-20	2019-07-20
2019-07-21	2019-07-21
2019-07-22	2019-07-22
2019-07-23	2019-07-23
2019-07-24	2019-07-24
2019-07-25	2019-07-25
2019-07-26	2019-07-26
2019-07-27	2019-07-27
2019-07-28	2019-07-28
2019-07-29	2019-07-29
2019-07-30	2019-07-30
2019-07-31	2019-07-31
2019-08-02	2019-08-02
2019-08-03	2019-08-03
2019-08-05	2019-08-05
2019-08-06	2019-08-06
2019-08-07	2019-08-07
2019-08-08	2019-08-08
2019-08-10	2019-08-10
2019-08-11	2019-08-11
2019-08-12	2019-08-12
2019-08-13	2019-08-13
2019-08-14	2019-08-14
2019-08-15	2019-08-15
2019-08-16	2019-08-16
2019-08-18	2019-08-18
2019-08-19	2019-08-19
2019-08-20	2019-08-20
2019-08-21	2019-08-21
2019-08-22	2019-08-22
2019-08-25	2019-08-25
2019-08-26	2019-08-26

2019-08-27	2019-08-27
2019-08-28	2019-08-28
2019-08-31	2019-08-31
2019-09-01	2019-09-01
2019-09-03	2019-09-03
2019-09-04	2019-09-04
2019-09-10	2019-09-10
2019-09-12	2019-09-12
2019-09-13	2019-09-13
2019-09-15	2019-09-15
2019-09-21	2019-09-21

Q241B: Q241 b.Type of product

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

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

Q241C: Q241 c . Brand product name

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q241C1: Q241 c1. Brand product formulation

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

C241C: CODED VARIABLE - stringcode

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

C241CA1: CODED VARIABLE - active ingredient1

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
ACEPHATE	ACEPHATE
ACETAMIPRID	ACETAMIPRID
AMETOCTRADIN*	AMETOCTRADIN*

AMISULBROM*	AMISULBROM*
AZOXYSTROBIN	AZOXYSTROBIN
BACILLUS THURINGIENSIS	BACILLUS THURINGIENSIS
BENTHIAVALICARB-ISOPROPYL	BENTHIAVALICARB-ISOPROPYL
CHLOROISOPHTHALONITRILE (TPN)	CHLOROISOPHTHALONITRILE (TPN)
CHLOROTHALONIL	CHLOROTHALONIL
CLETHODIM	CLETHODIM
CLOTHIANIDINE	CLOTHIANIDINE
COPPER-OXYCHLORIDE	COPPER-OXYCHLORIDE
COPPER-SULFATE	COPPER-SULFATE
CU-CHLORIDE	CU-CHLORIDE
CU-HYDROXIDE*	CU-HYDROXIDE*
CU-OXYCHLORIDE	CU-OXYCHLORIDE
CYAZOFAMID	CYAZOFAMID
CYFLUTHRIN	CYFLUTHRIN
CYHALOTHRIN	CYHALOTHRIN
CYMOXANYLE	CYMOXANYLE
CYPERMETHRIN	CYPERMETHRIN
DIMETENAMID-P	DIMETENAMID-P
DIMETHOATE	DIMETHOATE
DIQUAT	DIQUAT
Do not know	Do not know
ERWINIA-CAROTOVORA	ERWINIA-CAROTOVORA
ETHABOXAM	ETHABOXAM
FENITRITHION	FENITRITHION
FENTHION (MPP)	FENTHION (MPP)
FLONICAMID	FLONICAMID
FLUAZIFOP-P-B	FLUAZIFOP-P-B
FLUAZINAM	FLUAZINAM
FLUCYTHRINATE	FLUCYTHRINATE
FLUOPICOLIDE*	FLUOPICOLIDE*
FLUTOLANIL	FLUTOLANIL
FLUVALINATE	FLUVALINATE
GLUFOSINATE-AMMONIUM	GLUFOSINATE-AMMONIUM
GLUFOSINATE-P-SODIUM-SALT	GLUFOSINATE-P-SODIUM-SALT
IMIDACLOPRID	IMIDACLOPRID
KASUGAMYCIN*	KASUGAMYCIN*
LINURON	LINURON
MANCOZEB (VONDOZEB)	MANCOZEB (VONDOZEB)

MANDIPROPAMID	MANDIPROPAMID
METALAXIL-M	METALAXIL-M
METRIBUZIN	METRIBUZIN
OXATHIAPIPROLIN	OXATHIAPIPROLIN
OXOLINIC-ACID	OXOLINIC-ACID
OXYFLUORFEN	OXYFLUORFEN
PARAQUAT DICHLORIDE	PARAQUAT DICHLORIDE
PARATHION METHYL	PARATHION METHYL
PENCYCURON	PENCYCURON
PENDIMETHALIN	PENDIMETHALIN
PHENTHOATE	PHENTHOATE
PHOSALONE	PHOSALONE
PHOSTHIAZATE	PHOSTHIAZATE
POLYETHER - POLYMETHYLSILOXANE	POLYETHER - POLYMETHYLSILOXANE
POLYOXYETHYLEN-NON-E	POLYOXYETHYLEN-NON-E
POLYOXYETHYLENE ALKYL ETHER	POLYOXYETHYLENE ALKYL ETHER
POLYOXYPROPYLENE-METHYLPOLYSILOXANE COPOLYMER	POLYOXYPROPYLENE-METHYLPOLYSILOXANE COPOLYMER
PROFENOFOS	PROFENOFOS
PROPYLENE GLYCOL	PROPYLENE GLYCOL
PROSULFOCARB	PROSULFOCARB
PSEUDOMONAS RHODESIAE	PSEUDOMONAS RHODESIAE
PYMETROZINE	PYMETROZINE
PYRAFLUFEN-ETHYL	PYRAFLUFEN-ETHYL
PYRIFLUQUINAZON	PYRIFLUQUINAZON
QUIZALOFOP-P-E	QUIZALOFOP-P-E
SETHOXYDIM?	SETHOXYDIM
SORBITAN-FATTY-ACID-POLYOXYETHYLENE	SORBITAN-FATTY-ACID-POLYOXYETHYLENE
SPIROTETRAMAT	SPIROTETRAMAT
STREPTOMYCIN SULFATE	STREPTOMYCIN SULFATE
SULFOXAFLOR (XDE-208)	SULFOXAFLOR (XDE-208)
TEBUCONAZOLE	TEBUCONAZOLE
THIAMETHOXAM	THIAMETHOXAM
THIOPHANATE-METYL	THIOPHANATE-METYL

C241CP1: CODED VARIABLE - amount of ai1

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 1.5 - 1000 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
CHLOROISOPHTHALONITRILE (TPN)	CHLOROISOPHTHALONITRILE (TPN)
CHLOROTHALONIL	CHLOROTHALONIL
CU-CHLORIDE	CU-CHLORIDE
CYMOXANYLE	CYMOXANYLE
DIMETHOMORPH	DIMETHOMORPH
DIQUAT DIBROMYDE	DIQUAT DIBROMYDE
Do not know	Do not know
FAMOXADONE	FAMOXADONE
FENVALERATO	FENVALERATO
FLUAZIFOP-P-B	FLUAZIFOP-P-B
KASUGAMYCIN*	KASUGAMYCIN*
LINURON	LINURON
MANCOZEB (VONDOZEB)	MANCOZEB (VONDOZEB)

METALAXIL	METALAXIL
METALAXIL-M	METALAXIL-M
OXOLINIC-ACID	OXOLINIC-ACID
OXYTETRACYCLINE*	OXYTETRACYCLINE*
PARAQUAT	PARAQUAT
PENDIMETHALIN	PENDIMETHALIN
POLYNAPHTYL	POLYNAPHTYL
PROPAMOCARB	PROPAMOCARB
PROPAMOCARB-HCL	PROPAMOCARB-HCL
STREPTOMYCIN SULFATE	STREPTOMYCIN SULFATE

C241CP2: CODED VARIABLE - amount of ai2

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 1.8 - 555 Format: Numeric

C241CA3: CODED VARIABLE - active ingredient3

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
COPPER-HYDROXIDE	COPPER-HYDROXIDE
SORBITAN-FATTY-ACID-POLYOXYETHYLENE	SORBITAN-FATTY-ACID-POLYOXYETHYLENE
STREPTOMYCIN SULFATE	STREPTOMYCIN SULFATE

C241CP3: CODED VARIABLE - amount of ai3

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 12.5 - 50 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: 1.5 - 1000 Format: Numeric

Q241D: CODED VARIABLE Q241 d. Dosage ?

Data file: Crop_protection

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Width: 10 Range: 1.0084 - 40000 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 - 3720.996 Format: Numeric

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

Data file: Crop_protection

Overview

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

Questions and instructions

CATEGORIES

Value	Category
-1	-1
99	99
all types of weeds	all types of weeds
annual weed	annual weed
annual weeds	annual weeds
anthing	anthing
anything	anything
aphid	aphid
aphid ; psylliodes angusticollis	aphid ; psylliodes angusticollis
aphid; ladybug	aphid; ladybug
aphid; psylliodes angusticollis	aphid; psylliodes angusticollis
aphid; solanum flea beetle	aphid; solanum flea beetle
aphid;armyworm	aphid;armyworm
aphid;ladybug	aphid;ladybug
aphid;psylliodes angusticollis	aphid;psylliodes angusticollis
aphid;solanum flea beetle	aphid;solanum flea beetle
aphids	aphids
aphids ;henosepilachna vigintioctopunctata ;henosepilachna vigintioctomaculata	aphids ;henosepilachna vigintioctopunctata ;henosepilachna vigintioctomaculata
aphids ;solanum flea beetle	aphids ;solanum flea beetle
aphids;solanum flea beetle	aphids;solanum flea beetle
armyworm	armyworm
bacterial soft rot	bacterial soft rot
bactericide	bactericide
bent grass	bent grass
black leg ;common scab	black leg ;common scab
black scurf	black scurf
black spots	black spots
blackfoot disease	blackfoot disease
blight	blight
blight ; mycotic disease	blight ; mycotic disease
blight ;soft rot	blight ;soft rot

blight ;tuber rot	blight ;tuber rot
blight mycotic disease	blight mycotic disease
blight soft rot	blight soft rot
blight tuber rot	blight tuber rot
blight;	blight;
blight; early blight	blight; early blight
blight; sclerotinia sclerotiorum	blight; sclerotinia sclerotiorum
blight; soft rot	blight; soft rot
blight; tubers rot	blight; tubers rot
blight;mycotic disease	blight;mycotic disease
blight;soft rot	blight;soft rot
blight;soft rot;	blight;soft rot;
blight;summer blight	blight;summer blight
blight;tuber rot	blight;tuber rot
bligjt	bligjt
blilght	blilght
botrytis cinerea	botrytis cinerea
broad leaf	broad leaf
broad-leaved weed	broad-leaved weed
bug	bug
chemical herbicides	chemical herbicides
chenopodium album	chenopodium album
chenopodium album; persicaria	chenopodium album; persicaria
common scab	common scab
common scab ;black leg	common scab ;black leg
desiccant	desiccant
disease	disease
don't know	don't know
downy mildew;blight	downy mildew;blight
early blight	early blight
early blight; blight	early blight; blight
foliar treatment	foliar treatment
fungiside for several fungus	fungiside for several fungus
fungiside for several fungus;pest	fungiside for several fungus;pest
garden springtail	garden springtail
globodera rostochiensis	globodera rostochiensis
goosefoot knotweed	goosefoot knotweed
grass insects	grass insects
grouth regulator	grouth regulator

growth regulator	growth regulator
herbicide	herbicide
japanese barnyard millet	japanese barnyard millet
japanese barnyard millet ;chenopodium album var; centrorubrum ;polygonaceae	japanese barnyard millet ;chenopodium album var; centrorubrum ;polygonaceae
japanese barnyard millet ;polygonaceae	japanese barnyard millet ;polygonaceae
late blight	late blight
late blight ;early blight ;stem rot	late blight ;early blight ;stem rot
late blight ;stem rot	late blight ;stem rot
late blight ;tubers rot	late blight ;tubers rot
late blight;bacterial soft rot	late blight;bacterial soft rot
late blight;early blight	late blight;early blight
late blight;stem rot	late blight;stem rot
mycotic disease	mycotic disease
mycotic disease;blight	mycotic disease;blight
no answer	no answer
pectobacterium	pectobacterium
persicaria nepalensis	persicaria nepalensis
pest	pest
pest psylliodes angusticollis	pest psylliodes angusticollis
pests	pests
plant growth regulator	plant growth regulator
poaceae weeds	poaceae weeds
potato scab	potato scab
psylliodes angusticollis	psylliodes angusticollis
psylliodes angusticollis aphid	psylliodes angusticollis aphid
psylliodes angusticollis;aphid	psylliodes angusticollis;aphid
sclerotinia sclerotiorum ;blight	sclerotinia sclerotiorum ;blight
soft rat	soft rat
soft rot	soft rot
soft rot bacterium	soft rot bacterium
soft rot; blight	soft rot; blight
soft rot;blight	soft rot;blight
soil treatment	soil treatment
solanum flea beetle	solanum flea beetle
solanum flea beetle ;aphids	solanum flea beetle ;aphids
solanum flea beetle; aphid	solanum flea beetle; aphid
solanum flea beetle;aphid	solanum flea beetle;aphid
solanum nigrum ;chenopodium album	solanum nigrum ;chenopodium album

spodoptera litura	spodoptera litura
spongospora subterranea	spongospora subterranea
spreading agent	spreading agent
stellaria; persicaria	stellaria; persicaria
stem rot	stem rot
stem rot ;late blight	stem rot ;late blight
summer blight	summer blight
summer blight;blight	summer blight;blight
summer blight;blight;mycotic disease	summer blight;blight;mycotic disease
summer blight;mycotic disease	summer blight;mycotic disease
thanatephorus cucumeris	thanatephorus cucumeris
tuber rot	tuber rot
tuber rot;blight	tuber rot;blight
tuber rot;blight;	tuber rot;blight;
tubers rot	tubers rot
weed	weed
weeds	weeds
weeds overall	weeds overall
weeds;annual bluegrass	weeds;annual bluegrass
weeds;weeds	weeds;weeds
withering agent	withering agent
withering agent; weeds	withering agent; weeds
worm	worm
□□□□□□	□□□□□□

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 - 5 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

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
Japan	Japan

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
JapanPotato1	JapanPotato1
JapanPotato2	JapanPotato2
JapanPotato3	JapanPotato3

GROWERID: Unique identifier per grower

Data file: Location

Overview

Valid: 0 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 22100100 - 22250700 Format: Numeric

GROWINGAREA: Field code (A or B)

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

Value	Category
A	A
B	B

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

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

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

GPS_OPTION: gps_option

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	interviewer captures at least two points per field

GPS_SHAPE: Description of the field (from 2018 onwards)

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	Irregular shape
2	Rectangle
3	Square
4	Triangle

Q22D_LAT_DEG: Latititude degrees

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q22D_LAT_MIN: Latititude minutes

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q22D_LAT_SEC: Latititude seconds

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q22D_LON_DEG: Longitude degrees

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q22D_LON_MIN: Longitude minutes

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q22D_LON_SEC: Longitude seconds

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

Value	Category
confidential	confidential

Q151: Q151. Open field or in a greenhouse?

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	Open field

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

Data file: Location

Overview

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

Questions and instructions

CATEGORIES

Value	Category
No	No
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
0	0
071-0224	071-0224
071-0509	071-0509
071-0513	071-0513
071-0704	071-0704
071-0711	071-0711
079-2132	079-2132
080-0561	080-0561
080-2103	080-2103
082-0006	082-0006
082-0008	082-0008
082-0062	082-0062
082-0081	082-0081
082-0382	082-0382
082-0385	082-0385
089-0103	089-0103
089-0573	089-0573
089-0574	089-0574
089-0783	089-0783
089-0787	089-0787
089-1181	089-1181

089-1542	089-1542
089-5309	089-5309
099-2111	099-2111
099-2372	099-2372
099-2383	099-2383
099-4125	099-4125

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
Aichi	Aichi
Hokkaido	Hokkaido
Kanagawa	Kanagawa
Osaka	Osaka
Tottori	Tottori

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
Japan	Japan

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
Potato	Potato

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
JapanPotato1	JapanPotato1
JapanPotato2	JapanPotato2
JapanPotato3	JapanPotato3

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
22100100	22100100
22100200	22100200
22100300	22100300
22100400	22100400
22100500	22100500
22110100	22110100
22110200	22110200

22110300	22110300
22110401	22110401
22110402	22110402
22110500	22110500
22110600	22110600
22110700	22110700
22110701	22110701
22110702	22110702
22110800	22110800
22110900	22110900
22111000	22111000
22111001	22111001
22111002	22111002
22111100	22111100
22200100	22200100
22200200	22200200
22200400	22200400
22200600	22200600
22200700	22200700
22200900	22200900
22201100	22201100
22201200	22201200
22201300	22201300
22201400	22201400
22201800	22201800
22201900	22201900
22202000	22202000
22202100	22202100
22202300	22202300
22202400	22202400
22202500	22202500
22202700	22202700
22203500	22203500
22203600	22203600
22203700	22203700
22203800	22203800
22203900	22203900
22204000	22204000
22204100	22204100

22204200	22204200
22204400	22204400
22204500	22204500
22204600	22204600
22204700	22204700
22204800	22204800
22204900	22204900
22205000	22205000
22205100	22205100
22206100	22206100
22206200	22206200
22206300	22206300
22206400	22206400
22206700	22206700
22206900	22206900
22207000	22207000
22207100	22207100
22207200	22207200
22207300	22207300
22207400	22207400
22210100	22210100
22210200	22210200
22210300	22210300
22210400	22210400
22210500	22210500
22210600	22210600
22210700	22210700
22210800	22210800
22220100	22220100
22220200	22220200
22220300	22220300
22220400	22220400
22220500	22220500
22220600	22220600
22220700	22220700
22220800	22220800
22220900	22220900
22230100	22230100
22230200	22230200

22230300	22230300
22230400	22230400
22230500	22230500
22230600	22230600
22230700	22230700
22230800	22230800
22230900	22230900
22231000	22231000
22240100	22240100
22240200	22240200
22240300	22240300
22240400	22240400
22240500	22240500
22240600	22240600
22240700	22240700
22240800	22240800
22250200	22250200
22250300	22250300
22250400	22250400
22250500	22250500
22250600	22250600
22250700	22250700

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 - 21 Format: Numeric

Questions and instructions

CATEGORIES

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

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