

# Good Growth Plan 2023

**Syngenta**

report\_generated\_on: October 30, 2024

visit\_data\_catalog\_at: <http://catalog.ihsn.org/>

## Identification

### SURVEY ID NUMBER

CIV\_2022-2023\_GGP-P\_v01\_M\_v01\_A\_ESS

### TITLE

Good Growth Plan 2023

### ABBREVIATION OR ACRONYM

GGP-P 2023

### COUNTRY

Name	Country code
Côte d'Ivoire	CIV

### 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.

### 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.

## Coverage

### GEOGRAPHIC COVERAGE

National Coverage

## Producers and sponsors

### PRIMARY INVESTIGATORS

Name
Syngenta

## 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.

## 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 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).

## WEIGHTING

No weighting.

# Data collection

## DATES OF DATA COLLECTION

Start	End
2022	2023

## DATA COLLECTION MODE

Computer Assisted Personal Interview [capi]

# Access policy

## CONTACTS

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

## CONFIDENTIALITY

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

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- The micro dataset will only be used for statistical and/or research purposes;
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- The micro dataset cannot be re-disseminated by users or shared with anyone other than the individuals that are granted access to the micro dataset by FAO.

## CITATION REQUIREMENTS

The Good Growth Plan Progress Data - Productivity 2022-2023. Dataset downloaded from <https://microdata.fao.org>.

# Disclaimer and copyrights

## DISCLAIMER

The user of the data acknowledges that the original collector of the data, the authorized distributor of the data, and the

relevant funding agency bear no responsibility for use of the data or for interpretations or inferences based upon such uses

## Metadata production

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### DDI DOCUMENT ID

DDI\_CIV\_2022-2023\_GGP-P\_v01\_M\_v01\_A\_ESS\_FAO

### PRODUCERS

Name	Abbreviation	Affiliation	Role
ESS Data Dissemination Team	ESS	Food and Agriculture Organization	Metadata producer
Development Economics Data Group	DECDG	The World Bank	Metadata adapted for World Bank Microdata Library

### DDI DOCUMENT VERSION

Identical to a metadata (CIV\_2022-2023\_GGP-P\_v01\_EN\_M\_v01\_A\_ESS) published on FAO microdata repository (<https://microdata.fao.org/index.php/catalog>). Some of the metadata fields have been edited.

**data\_dictionary**

<b>Data file</b>	<b>Cases</b>	<b>variables</b>
<b>CIV_PostHarvest-Cocoa</b>	393	58
<b>CIV_Fertilizer-Cocoa</b>	394	12
<b>CIV_CropProtection-Cocoa</b>	777	10
<b>CIV_PrePlanting-Cocoa</b>	398	58



**Data file: CIV\_PostHarvest-Cocoa**

Cases: 393

variables: 58

**variables**

ID	Name	Label	Question
V1340	id	ID	
V1341	matching_id	Pre-planting ID	
V1342	soil_test	Screening Farming Practise Did you perform a soil test for each growing area of ?	
V1343	fertilizer	Screening Farming Practise Did you apply any type of fertilizer?	
V1344	crop_protection	Screening Farming Practise Did you apply any type of Crop protection inputs?	
V1345	crop_injury	Screening Farming Practise Did you experience any crop injury after you applied the product?	
V1346	herbicide_target	Screening Farming Practise What was your intention to target with the herbicide?	
V1347	postharvest_treatment	Screening Farming Practise Did you use any post harvest treatment?	
V1348	Pods_per_tree	Could you please indicate the average number of Pods per tree?	
V1349	yield_metric	Select yield metric (for this field surveyed):	
V1350	weight_bag	Enter the weight of one bag in kg:	
V1351	ttl_harvest_kg	Enter the total amount of harvest in kg for this field:	
V1352	value	Enter the yield value in t/ha:	
V1353	expectation	Did the yield of this field met your expectations?	
V1354	yield_compare	Compared to previous year, would you say your yield per hectare has â€¦	
V1355	damaged_pct	What is the percentage of harvested crop damaged at the time of harvest?	
V1356	damaged_reason	Can you please indicate which main three factors contributed to this percentage of harvested crop damaged?	
V1357	pest	Which pests did you encounter during storage?	
V1358	own_consumption	Did you keep a part of the marketable yield for own consumption?	
V1359	keep_seed	Did you keep a part of the marketable yield for having seed for the upcoming season?	
V1360	spray_guide	Do you receive guidelines from buyer/exporter advisors for spraying products on your crop, as part of buyer / export program?	
V1361	cocoa_certified	Is your cocoa certified by any of these organisations?	
V1362	input_from	Where do you usually buy your Input products from?	
V1363	get_products	Did you get the products you wanted to buy?	
V1364	get_products_why	Why?	
V1365	ttl_land_perm	What is the total land cultivated in Ha with permanent crops (including the land rented in this season)?	
V1366	ttl_land_temp	What is the total land cultivated in Ha with temporary crops (including the land rented in this season)?	
V1367	ttl_fallow_land	What is the total amount Ha of fallow land (land left uncropped and not dedicated for grazing this season)?	
V1368	c_tree_or_seed	What was your total amount/investment cost of your farm?Trees or seeds:	
V1369	c_ferti	What was your total amount/investment cost of your farm?Fertilizers:	
V1370	c_pesti	What was your total amount/investment cost of your farm?Pesticides:	
V1371	c_labor	What was your total amount/investment cost of your farm?Labor:	
V1372	c_machi	What was your total amount/investment cost of your farm?Machinery:	

ID	Name	Label	Question
V1373	c_water	What was your total amount/investment cost of your farm?Water use:	
V1374	c_fuel	What was your total amount/investment cost of your farm?Fuel:	
V1375	c_electri	What was your total amount/investment cost of your farm?Electricity:	
V1376	c_gas	What was your total amount/investment cost of your farm?Gas:	
V1377	c_rent	What was your total amount/investment cost of your farm?Rent/loans for growing areas:	
V1378	ttl_rev	What was your total revenue you achieved on your farm this season?	
V1379	ttl_own_consumption	What is the total amount in USD of crops harvest used for own consumption?	
V1380	ttl_stored_sell	What is the total amount in USD of crops stored you plan to sell at a later stage?	
V1381	ttl_feed	What is the total amount in USD of crops harvested used for feeding animals?	
V1382	ttl_byprod	What is the total amount in USD of crops used for by products (oil from Olive, flours from wheat, etcâ€¦)?	
V1383	ttl_sharecropping	What is the total amount in USD of crops exchanged in share cropping arrangements?	
V1384	price_satisfied	How satisfied are you with the price you received on the market for your produce?	
V1385	est_rev_field	What is the estimated revenue in USD of this field we are asking during this survey?	
V1386	profitable	Do you consider yourself profitable?	
V1387	adv_weather	Has the crop grown been impacted by adverse weather conditions?	
V1388	water_source	What is the MAIN water source during this season?	
V1389	agro_advice	Are you getting enough agronomic advice?	
V1390	improve_with	What would you ideally like to improve with your farming practices?	
V1391	impro1		
V1392	spraying_advice	Do you follow the label advice when preparing for spraying?	
V1393	pollinators	Are you aware of recommendation/precautions you need to follow on potential impact on pollinators when spraying?	
V1394	season_accident	Did you experience any accident or bad experience at all during this season? Anything on field, chemical, operation etc.?	
V1395	mixture_protection	When you prepare the mixture for spraying - Do you wear any of the following ?	
V1396	spraying_protection	When field spraying - Do you wear any of the following ?	
V1397	empty_pesticides	What do you do with empty container of pesticides you use in your farm?	

total: 58

**Data file: CIV\_Fertilizer-Cocoa**

Cases: 394

variables: 12

**variables**

ID	Name	Label	Question
V1398	id	ID	
V1399	owner	Owner	
V1400	matching_id	Pre-planting ID	
V1401	time_application	Timing of product application:	
V1402	product_type	Type of product:	
V1403	brand	Brand product name or product description:	
V1404	unit	Unit of quantity:	
V1405	dosage	Dosage:	
V1406	n_pct	Percentage N Nitrogen:	
V1407	p_pct	Percentage P Phosphorus:	
V1408	k_pct	Percentage K potassium:	
V1409	equipment	Equipment type used:	

total: 12

**Data file: CIV\_CropProtection-Cocoa**

Cases: 777

variables: 10

**variables**

ID	Name	Label	Question
V1410	id	ID	
V1411	owner	Owner	
V1412	matching_id	Pre-planting ID	
V1413	time_application	Timing of product application:	
V1414	brand_name	Brand Name	
V1415	product_type	Type of product:	
V1416	unit	Unit of quantity:	
V1417	dosage	Dosage:	
V1418	target	Pest/disease/weed targeted:	
V1419	equipment	Equipment type used:	

total: 10

**Data file: CIV\_PrePlanting-Cocoa**

Cases: 398

variables: 58

**variables**

ID	Name	Label	Question
V1420	id	ID	
V1421	survey_date	Backend information Date of survey captured	
V1422	country	Backend information Country	
V1423	ref_benchmark	Backend information Reference Farm or Benchmark Farm?	
V1424	offer	Onboarding GDPR Are we allowed to get back in touch with you for potential interesting commercial offers you might be interested in (based on your answers)?	
V1425	address	Onboarding Famer Basics where you live	
V1426	owner_gender	Onboarding Famer Basics Gender of farm owner	
V1427	fulltime	Onboarding Famer Basics Are you a full-time or part-time farmer?	
V1428	crop	Onboarding Famer Basics Select the crop you are surveying	
V1429	member	Onboarding Famer Basics Are you a member of a producer group, association or cooperative for ?	
V1430	crop_size_unit	Screening Famer Basics Do you measure your land in acres or in hectares?	
V1431	crop_size	Screening Famer Basics How many acres have you planted the crop?	
V1432	crop_program	Screening Famer Basics Did you receive any crop program for your to implement this season?	
V1433	program_from	Screening Famer Basics From whom did you receive the crop program or recommendations?	
V1434	follow_recommendation	Screening Famer Basics Can you please indicate whether you will follow the recommended crop program or recommendations this season?	
V1435	finance	Screening Famer Basics Do you use any finance schemes to fund your farming activities?	
V1436	sustainable_practice	Screening Farm Characteristics How familiar are you with sustainable agricultural practices?	
V1437	erosion_water	Screening Environment Do you have signs of soil erosion by water on your farm?	
V1438	erosion_wind	Screening Environment Do you have signs of soil erosion by wind on your farm?	
V1439	cover_crop	Screening Environment Have you started growing a cover crop to manage soil health in the past 20 years on the growing area(s) for ?	
V1440	soil_type	Screening Environment What is the soil type of growing area?	
V1441	soil_test	Screening Environment Have you ever sampled your soil for nutrient testing on texture and other soil parameters?	
V1442	soil_test_time	Screening Environment If you have analyzed your soil, when was the last time you did execute this?	
V1443	intercropping	Screening Behavior Do you practice intercropping (growing multiple crops on the same growing area in the same season) on each growing area for ?	
V1444	intercrop_crops	Screening Behavior Which main crops do you intercrop on each growing area with ?	
V1445	main_intercrop	Screening Behavior Which other main crops do you intercrop on each growing area with ?	
V1446	rotate	Screening Behavior Do you rotate crops on each growing area for ?	
V1447	rotate_crop	Screening Behavior What crops are you cultivating in rotation on each growing area for?	

ID	Name	Label	Question
V1448	rotate_previous	Screening Behavior In terms of rotation, what was the previous crop cultivated on each growing area for ?	
V1449	advice_from	Screening Knowledge Where else do you seek advice when deciding what and when to spray?	
V1450	attended_training	Screening Knowledge Have you attended a training or farmers meeting on crop growing and/or agricultural practices in the past 2 years?	
V1451	safe_use	Screening Knowledge During the training/farmers meeting, did they talk at least 15 minutes about safe-use practices related to crop protection products, fertilizers etcâ€¦?	
V1452	to_learn	Screening Knowledge What else would you like to learn, to improve your farming?	
V1454	label_info	Screening Knowledge Does the product label give you the information you need to get the best from the product?	
V1455	empty_container	Screening Knowledge What do you do with empty container of pesticides you use in your farm?	
V1456	where_help	Screening Knowledge If you have an incident with a crop protection product, do you know where to go for help?	
V1457	if_accident	Screening Knowledge Has there ever been a crop protection usage accident on your farm that has impacted your health & safety or others?	
V1458	accident_medical	Screening Knowledge Did the accident result in seeking a medical treatment?	
V1459	field_preparation	Screening Farming Practice When did the first field preparation start for each growing area of the field?	
V1460	seed_source	Screening Farming Practice From which source did you obtain your main seed variety?	
V1461	seed_coated	Screening Farming Practice Are your seeds coated with crop protection products?	
V1462	pollination	Screening Farming Practice Can you please tell us what kind of pollination applies to your main seed variety?	
V1463	seed_characteristics	Screening Farming Practice According to you, what are the three most important characteristics when selecting your main seed variety?	
V1464	farm_activities	Screening Farming Practice Please describe if you performed the following activities	
V1465	power_machinery	Screening Farming Practice Did you use power-driven machinery for the activities?	
V1466	cocoa	Screening TreeCrop specific Could you please note down the variety that has been used for Cocoa?	
V1467	year_planting	Screening TreeCrop specific What is the year of planting for this field/plantation area?	
V1468	n_trees	Screening TreeCrop specific What is the total number of trees per hectare?	
V1469	prune	Screening TreeCrop specific Do you prune?	
V1470	prune_start	Screening TreeCrop specific When did the pruning period of the trees start?	
V1471	prune_end	Screening TreeCrop specific When did the pruning period of the trees end?	
V1472	flowering	Screening TreeCrop specific When did the first trees reach the flowering stage?	
V1473	tree_activities	Screening TreeCrop specific Please describe if you performed the following activities	
V1475	tree_power_machinery	Screening TreeCrop specific Did you use power-driven machinery?	
V1476	ipm_familiar	Screening TreeCrop specific Are you familiar with IPM (Integrate Pest Management) concept?	
V1477	ipm_farm	Screening TreeCrop specific Are your farm interventions taking any of the IPM principles/recommendations into consideration?	
V1478	pesticide_sprays	Screening TreeCrop specific Do you do your own pesticide sprays?	
V1479	person_spray	Screening TreeCrop specific Who does it for you?	

total: 58



**ID: ID****Data file: CIV\_PostHarvest-Cocoa****Overview**

Valid: 393    Invalid: 0

Type: Discrete    Width: 6    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

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172124		1	0.3%
172125		1	0.3%
172126		1	0.3%
172127		1	0.3%
172128		1	0.3%
172129		1	0.3%
172130		1	0.3%
172131		1	0.3%
172132		1	0.3%
172133		1	0.3%
172134		1	0.3%
172135		1	0.3%
172136		1	0.3%
172137		1	0.3%
172139		1	0.3%
172140		1	0.3%
172141		1	0.3%
172142		1	0.3%
172144		1	0.3%
172145		1	0.3%
172146		1	0.3%
172147		1	0.3%
172148		1	0.3%
172149		1	0.3%
172150		1	0.3%
172151		1	0.3%
172152		1	0.3%

172153		1	0.3%
172154		1	0.3%
172155		1	0.3%
172156		1	0.3%
172157		1	0.3%
172158		1	0.3%
172159		1	0.3%
172160		1	0.3%
172161		1	0.3%
172162		1	0.3%
172163		1	0.3%
172164		1	0.3%
172165		1	0.3%
172166		1	0.3%
172167		1	0.3%
172168		1	0.3%
172169		1	0.3%
172170		1	0.3%
172171		1	0.3%
172172		1	0.3%
172173		1	0.3%
172174		1	0.3%
172175		1	0.3%
172176		1	0.3%
172177		1	0.3%
172178		1	0.3%
172179		1	0.3%
172180		1	0.3%
172181		1	0.3%
172182		1	0.3%
172183		1	0.3%
172184		1	0.3%
172185		1	0.3%
172186		1	0.3%
172187		1	0.3%
172188		1	0.3%
172189		1	0.3%
172190		1	0.3%
172191		1	0.3%

172192		1	0.3%
172193		1	0.3%
172194		1	0.3%
172195		1	0.3%
172196		1	0.3%
172197		1	0.3%
172198		1	0.3%
172199		1	0.3%
172200		1	0.3%
172201		1	0.3%
172202		1	0.3%
172203		1	0.3%
172204		1	0.3%
172205		1	0.3%
172206		1	0.3%
172207		1	0.3%
172208		1	0.3%
172209		1	0.3%
172210		1	0.3%
172211		1	0.3%
172212		1	0.3%
172213		1	0.3%
172214		1	0.3%
172215		1	0.3%
172216		1	0.3%
172217		1	0.3%
172218		1	0.3%
172219		1	0.3%
172220		1	0.3%
172221		1	0.3%
172222		1	0.3%
172223		1	0.3%
172224		1	0.3%
172225		1	0.3%
172226		1	0.3%
172227		1	0.3%
172228		1	0.3%
172229		1	0.3%
172230		1	0.3%

172231		1	0.3%
172232		1	0.3%
172233		1	0.3%
172234		1	0.3%
172235		1	0.3%
172236		1	0.3%
172237		1	0.3%
172238		1	0.3%
172239		1	0.3%
172240		1	0.3%
172241		1	0.3%
172242		1	0.3%
172243		1	0.3%
172244		1	0.3%
172245		1	0.3%
172246		1	0.3%
172247		1	0.3%
172248		1	0.3%
172249		1	0.3%
172250		1	0.3%
172251		1	0.3%
172252		1	0.3%
172253		1	0.3%
172254		1	0.3%
172255		1	0.3%
172256		1	0.3%
172257		1	0.3%
172258		1	0.3%
172259		1	0.3%
172260		1	0.3%
172261		1	0.3%
172262		1	0.3%
172263		1	0.3%
172264		1	0.3%
172265		1	0.3%
172266		1	0.3%
172267		1	0.3%
172268		1	0.3%
172269		1	0.3%

172270		1	0.3%
172271		1	0.3%
172272		1	0.3%
172273		1	0.3%
172274		1	0.3%
172275		1	0.3%
172276		1	0.3%
172277		1	0.3%
172278		1	0.3%
172279		1	0.3%
172280		1	0.3%
172281		1	0.3%

## **MATCHING\_ID: Pre-planting ID**

**Data file:** CIV\_PostHarvest-Cocoa

### **Overview**

Valid: 98    Invalid: 0

Type: Discrete    Width: 6    Range: -    Format: character

### **Questions and instructions**

#### CATEGORIES

<b>Value</b>	<b>Category</b>	<b>Cases</b>	
171048		1	1%
171050		1	1%
171051		1	1%
171052		1	1%
171053		1	1%
171054		1	1%
171055		1	1%
171056		1	1%
171057		1	1%
171058		1	1%
171059		1	1%
171060		1	1%
171061		1	1%
171062		1	1%
171063		1	1%

171064		1	1%
171065		1	1%
171066		1	1%
171067		1	1%
171068		1	1%
171070		1	1%
171071		1	1%
171072		1	1%
171073		1	1%
171074		1	1%
171075		1	1%
171104		1	1%
171105		1	1%
171106		1	1%
171107		1	1%
171108		1	1%
171109		1	1%
171110		1	1%
171111		1	1%
171112		1	1%
171113		1	1%
171114		1	1%
171115		1	1%
171116		1	1%
171117		1	1%
171118		1	1%
171119		1	1%
171120		1	1%
171121		1	1%
171122		1	1%
171123		1	1%
171124		1	1%
171125		1	1%
171126		1	1%
171127		1	1%
171128		1	1%
171129		1	1%
171130		1	1%
171131		1	1%

171132		1	1%
171133		1	1%
171134		1	1%
171135		1	1%
171136		1	1%
171137		1	1%
171138		1	1%
171139		1	1%
171140		1	1%
171141		1	1%
171142		1	1%
171143		1	1%
171144		1	1%
171145		1	1%
171146		1	1%
171147		1	1%
171148		1	1%
171149		1	1%
171150		1	1%
171151		1	1%
171152		1	1%
171153		1	1%
171154		1	1%
171155		1	1%
171156		1	1%
171157		1	1%
171158		1	1%
171159		1	1%
171160		1	1%
171161		1	1%
171162		1	1%
171163		1	1%
171164		1	1%
171165		1	1%
171166		1	1%
171167		1	1%
171168		1	1%
171169		1	1%
171170		1	1%

171171		1	1%
171172		1	1%
171173		1	1%
171175		1	1%
171176		1	1%

## SOIL\_TEST: Screening Farming Practise Did you perform a soil test for each growing area of ?

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		313	79.6%
Yes		80	20.4%

## FERTILIZER: Screening Farming Practise Did you apply any type of fertilizer?

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Chemical		296	75.3%
Organic		97	24.7%

## CROP\_PROTECTION: Screening Farming Practise Did you apply any type of Crop protection inputs?

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 386 Invalid: 0

Type: Discrete    Width: 11    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Fungicide		367	95.1%
Herbicide		2	0.5%
Insecticide		17	4.4%

**CROP\_INJURY: Screening Farming Practise Did you experience any crop injury after you applied the product?**

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 393    Invalid: 0

Type: Discrete    Width: 3    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		392	99.7%
Yes		1	0.3%

**HERBICIDE\_TARGET: Screening Farming Practise What was your intention to target with the herbicide?**

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 3    Invalid: 0

Type: Discrete    Width: 7    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Both		2	66.7%
Grasses		1	33.3%

## POSTHARVEST\_TREATMENT: Screening Farming Practise Did you use any post harvest treatment?

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		393	100%

## PODS\_PER\_TREE: Could you please indicate the average number of Pods per tree?

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
10		20	5.1%
11		20	5.1%
12		14	3.6%
13		21	5.3%
14		24	6.1%
15		13	3.3%
16		18	4.6%
17		11	2.8%
18		21	5.3%
19		12	3.1%
20		22	5.6%
21		17	4.3%
22		19	4.8%
23		20	5.1%
24		13	3.3%
25		9	2.3%

26		26	6.6%
27		12	3.1%
28		12	3.1%
29		17	4.3%
30		17	4.3%
31		18	4.6%
32		17	4.3%

### YIELD\_METRIC: Select yield metric (for this field surveyed):

Data file: CIV\_PostHarvest-Cocoa

#### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 9 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Tons / ha		393	100%

### WEIGHT\_BAG: Enter the weight of one bag in kg:

Data file: CIV\_PostHarvest-Cocoa

#### Overview

Valid: 3 Invalid: 0

Type: Discrete Width: 19 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0.5689999999999995		1	33.3%
2.0779999999999998		1	33.3%
2.532		1	33.3%

### TTL\_HARVEST\_KG: Enter the total amount of harvest in kg for this field:

Data file: CIV\_PostHarvest-Cocoa

## Overview

Valid: 1 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-1		1	100%

**VALUE:** Enter the yield value in t/ha:

Data file: CIV\_PostHarvest-Cocoa

## Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 19 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0.313		1	0.3%
0.314		1	0.3%
0.315		1	0.3%
0.319000000000000001		1	0.3%
0.326000000000000001		2	0.5%
0.333000000000000002		1	0.3%
0.335000000000000002		1	0.3%
0.339000000000000002		1	0.3%
0.34499999999999997		2	0.5%
0.34899999999999998		1	0.3%
0.35099999999999998		1	0.3%
0.35799999999999998		1	0.3%
0.36		1	0.3%
0.36199999999999999		1	0.3%
0.36699999999999999		1	0.3%
0.376		1	0.3%
0.381000000000000001		1	0.3%
0.393000000000000002		1	0.3%
0.396000000000000002		1	0.3%

0.4159999999999998		1	0.3%
0.4179999999999998		1	0.3%
0.4209999999999999		1	0.3%
0.4229999999999999		1	0.3%
0.4289999999999999		1	0.3%
0.433		1	0.3%
0.434		1	0.3%
0.437		1	0.3%
0.45200000000000001		1	0.3%
0.45300000000000001		1	0.3%
0.45600000000000002		1	0.3%
0.46		1	0.3%
0.4689999999999997		1	0.3%
0.4929999999999999		1	0.3%
0.498		2	0.5%
0.51200000000000001		1	0.3%
0.51500000000000001		1	0.3%
0.52400000000000002		1	0.3%
0.52900000000000003		1	0.3%
0.53		1	0.3%
0.54200000000000004		1	0.3%
0.55400000000000005		1	0.3%
0.55500000000000005		1	0.3%
0.55600000000000005		2	0.5%
0.55700000000000005		1	0.3%
0.5649999999999995		1	0.3%
0.5679999999999995		1	0.3%
0.5689999999999995		1	0.3%
0.5729999999999995		1	0.3%
0.5779999999999996		1	0.3%
0.5869999999999997		1	0.3%
0.5939999999999997		1	0.3%
0.5959999999999997		1	0.3%
0.6129999999999999		1	0.3%
0.6139999999999999		1	0.3%
0.6159999999999999		1	0.3%
0.63		1	0.3%
0.63200000000000001		1	0.3%
0.64700000000000002		1	0.3%

0.65200000000000002		1	0.3%
0.65500000000000003		1	0.3%
0.66200000000000003		1	0.3%
0.66900000000000004		1	0.3%
0.67400000000000004		1	0.3%
0.68200000000000005		1	0.3%
0.68600000000000005		1	0.3%
0.6889999999999995		1	0.3%
0.6929999999999995		1	0.3%
0.6939999999999995		1	0.3%
0.6979999999999995		1	0.3%
0.7039999999999996		1	0.3%
0.7059999999999996		1	0.3%
0.71		1	0.3%
0.7119999999999997		1	0.3%
0.7129999999999997		1	0.3%
0.7139999999999997		1	0.3%
0.7149999999999997		1	0.3%
0.7229999999999998		1	0.3%
0.7369999999999999		1	0.3%
0.7429999999999999		1	0.3%
0.78		1	0.3%
0.78200000000000003		1	0.3%
0.78500000000000003		1	0.3%
0.78700000000000003		1	0.3%
0.79100000000000004		1	0.3%
0.79400000000000004		1	0.3%
0.80300000000000005		1	0.3%
0.8169999999999995		1	0.3%
0.8229999999999995		1	0.3%
0.8369999999999997		1	0.3%
0.8419999999999997		1	0.3%
0.8439999999999997		3	0.8%
0.8519999999999998		1	0.3%
0.877		1	0.3%
0.878		1	0.3%
0.89300000000000002		1	0.3%
0.89900000000000002		1	0.3%
0.90200000000000002		1	0.3%

0.903000000000000002		1	0.3%
0.904000000000000003		1	0.3%
0.906000000000000003		1	0.3%
0.921000000000000004		1	0.3%
0.924000000000000004		1	0.3%
0.925000000000000004		1	0.3%
0.93		1	0.3%
0.936000000000000005		1	0.3%
0.94199999999999995		1	0.3%
0.94799999999999995		1	0.3%
0.95099999999999996		1	0.3%
0.96		1	0.3%
0.96199999999999997		1	0.3%
0.96299999999999997		2	0.5%
0.99299999999999999		1	0.3%
0.996		1	0.3%
0.999		1	0.3%
1		1	0.3%
1.00099999999999999		1	0.3%
1.00899999999999999		1	0.3%
1.012		1	0.3%
1.018		1	0.3%
1.028		1	0.3%
1.03		2	0.5%
1.032		1	0.3%
1.036		1	0.3%
1.052		1	0.3%
1.054		1	0.3%
1.056		1	0.3%
1.06299999999999999		1	0.3%
1.07		1	0.3%
1.073		1	0.3%
1.081		1	0.3%
1.08800000000000001		1	0.3%
1.09000000000000001		1	0.3%
1.093		1	0.3%
1.09600000000000001		1	0.3%
1.11000000000000001		1	0.3%
1.111		1	0.3%

1.1240000000000001		1	0.3%
1.1379999999999999		1	0.3%
1.139		1	0.3%
1.141		1	0.3%
1.143		1	0.3%
1.147		2	0.5%
1.151		1	0.3%
1.1539999999999999		1	0.3%
1.163		1	0.3%
1.1870000000000001		1	0.3%
1.228		1	0.3%
1.2290000000000001		1	0.3%
1.2330000000000001		1	0.3%
1.238		1	0.3%
1.2470000000000001		1	0.3%
1.2529999999999999		1	0.3%
1.27		1	0.3%
1.2789999999999999		1	0.3%
1.2809999999999999		1	0.3%
1.282		2	0.5%
1.2829999999999999		2	0.5%
1.286		1	0.3%
1.29		1	0.3%
1.292		1	0.3%
1.298		1	0.3%
1.302		1	0.3%
1.3069999999999999		1	0.3%
1.325		1	0.3%
1.33		1	0.3%
1.3460000000000001		1	0.3%
1.37		1	0.3%
1.371		1	0.3%
1.373		1	0.3%
1.381		1	0.3%
1.385		1	0.3%
1.3959999999999999		1	0.3%
1.3979999999999999		1	0.3%
1.4		1	0.3%
1.4019999999999999		1	0.3%

1.413		1	0.3%
1.421		1	0.3%
1.4259999999999999		1	0.3%
1.43		1	0.3%
1.4379999999999999		1	0.3%
1.4410000000000001		1	0.3%
1.4490000000000001		1	0.3%
1.4570000000000001		1	0.3%
1.4590000000000001		1	0.3%
1.4650000000000001		1	0.3%
1.468		1	0.3%
1.4690000000000001		2	0.5%
1.472		1	0.3%
1.48		1	0.3%
1.486		1	0.3%
1.4970000000000001		1	0.3%
1.498		1	0.3%
1.506		1	0.3%
1.5189999999999999		1	0.3%
1.538		1	0.3%
1.5489999999999999		1	0.3%
1.5609999999999999		2	0.5%
1.5669999999999999		1	0.3%
1.573		1	0.3%
1.575		1	0.3%
1.5820000000000001		1	0.3%
1.5860000000000001		1	0.3%
1.589		1	0.3%
1.595		1	0.3%
1.5960000000000001		1	0.3%
1.609		1	0.3%
1.6140000000000001		1	0.3%
1.62		2	0.5%
1.6240000000000001		1	0.3%
1.625		2	0.5%
1.633		1	0.3%
1.6419999999999999		1	0.3%
1.6439999999999999		1	0.3%
1.6519999999999999		1	0.3%

1.6639999999999999		1	0.3%
1.677		1	0.3%
1.694		1	0.3%
1.6990000000000001		1	0.3%
1.7030000000000001		1	0.3%
1.71		1	0.3%
1.7190000000000001		1	0.3%
1.722		1	0.3%
1.726		1	0.3%
1.736		1	0.3%
1.74		1	0.3%
1.7410000000000001		1	0.3%
1.7450000000000001		1	0.3%
1.7509999999999999		1	0.3%
1.7569999999999999		1	0.3%
1.786		2	0.5%
1.7869999999999999		1	0.3%
1.8009999999999999		1	0.3%
1.806		2	0.5%
1.8180000000000001		1	0.3%
1.819		1	0.3%
1.823		1	0.3%
1.8280000000000001		1	0.3%
1.8420000000000001		1	0.3%
1.873		1	0.3%
1.88		1	0.3%
1.885		1	0.3%
1.889		1	0.3%
1.905		1	0.3%
1.9079999999999999		1	0.3%
1.925		1	0.3%
1.9319999999999999		1	0.3%
1.9350000000000001		1	0.3%
1.9430000000000001		1	0.3%
1.9510000000000001		1	0.3%
1.952		1	0.3%
1.954		1	0.3%
1.964		1	0.3%
1.966		1	0.3%

1.9770000000000001		1	0.3%
1.982		1	0.3%
1.984		1	0.3%
1.996		1	0.3%
2.0070000000000001		1	0.3%
2.008		1	0.3%
2.012		1	0.3%
2.0150000000000001		1	0.3%
2.0179999999999998		2	0.5%
2.0390000000000001		1	0.3%
2.0419999999999998		1	0.3%
2.044		1	0.3%
2.0489999999999999		1	0.3%
2.0579999999999998		1	0.3%
2.0710000000000002		1	0.3%
2.077		1	0.3%
2.0779999999999998		1	0.3%
2.0830000000000002		1	0.3%
2.0859999999999999		1	0.3%
2.0939999999999999		1	0.3%
2.1139999999999999		1	0.3%
2.1259999999999999		1	0.3%
2.1280000000000001		1	0.3%
2.1309999999999998		1	0.3%
2.1360000000000001		1	0.3%
2.1379999999999999		1	0.3%
2.1389999999999998		1	0.3%
2.1459999999999999		1	0.3%
2.153		1	0.3%
2.16		1	0.3%
2.1680000000000001		1	0.3%
2.1909999999999998		1	0.3%
2.1930000000000001		1	0.3%
2.2069999999999999		1	0.3%
2.2120000000000002		1	0.3%
2.2160000000000002		1	0.3%
2.218		1	0.3%
2.2290000000000001		1	0.3%
2.234		1	0.3%

2.2410000000000001		1	0.3%
2.2559999999999998		1	0.3%
2.2719999999999998		1	0.3%
2.2749999999999999		1	0.3%
2.2810000000000001		1	0.3%
2.286		1	0.3%
2.29		1	0.3%
2.2959999999999998		1	0.3%
2.2970000000000002		1	0.3%
2.3069999999999999		1	0.3%
2.3119999999999998		1	0.3%
2.3159999999999998		1	0.3%
2.3260000000000001		1	0.3%
2.327		1	0.3%
2.3420000000000001		1	0.3%
2.3479999999999999		1	0.3%
2.3530000000000002		1	0.3%
2.355		1	0.3%
2.3650000000000002		1	0.3%
2.3690000000000002		1	0.3%
2.379		1	0.3%
2.3820000000000001		1	0.3%
2.3839999999999999		1	0.3%
2.3879999999999999		1	0.3%
2.3980000000000001		1	0.3%
2.4049999999999998		1	0.3%
2.407		1	0.3%
2.4079999999999999		1	0.3%
2.41		1	0.3%
2.4140000000000001		1	0.3%
2.415		1	0.3%
2.42		1	0.3%
2.4239999999999999		1	0.3%
2.4260000000000002		1	0.3%
2.4449999999999998		1	0.3%
2.4550000000000001		1	0.3%
2.4580000000000002		1	0.3%
2.4590000000000001		1	0.3%
2.4620000000000002		1	0.3%

2.4710000000000001		1	0.3%
2.472		1	0.3%
2.4729999999999999		1	0.3%
2.476		1	0.3%
2.4790000000000001		1	0.3%
2.4900000000000002		1	0.3%
2.4940000000000002		1	0.3%
2.5019999999999998		1	0.3%
2.5049999999999999		1	0.3%
2.5070000000000001		1	0.3%
2.5270000000000001		1	0.3%
2.532		1	0.3%
2.5390000000000001		1	0.3%
2.5459999999999998		1	0.3%
2.5510000000000002		1	0.3%
2.5640000000000001		1	0.3%
2.5680000000000001		1	0.3%
2.5880000000000001		1	0.3%
2.6030000000000002		1	0.3%
2.6080000000000001		1	0.3%
2.6110000000000002		1	0.3%
2.62		1	0.3%
2.6219999999999999		1	0.3%
2.6339999999999999		1	0.3%
2.6379999999999999		1	0.3%
2.641		1	0.3%
2.65		1	0.3%
2.6509999999999998		1	0.3%
2.6539999999999999		1	0.3%
2.657		1	0.3%
2.66		1	0.3%
2.6619999999999999		1	0.3%
2.6819999999999999		1	0.3%
2.6869999999999998		1	0.3%
2.69		1	0.3%
2.694		1	0.3%
2.7170000000000001		1	0.3%
2.7189999999999999		1	0.3%
2.726		1	0.3%

2.7320000000000002		1	0.3%
2.7349999999999999		1	0.3%
2.742		1	0.3%
2.75		1	0.3%
2.7639999999999998		1	0.3%

## EXPECTATION: Did the yield of this field met your expectations?

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		128	32.6%
Yes		265	67.4%

## YIELD\_COMPARE: Compared to previous year, would you say your yield per hectare has â€¦

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 15 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Decreased		127	32.3%
Increased		76	19.3%
Remained stable		190	48.3%

## DAMAGED\_PCT: What is the percentage of harvested crop damaged at the time of harvest?

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 1 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		46	11.7%
1		55	14%
2		56	14.2%
3		53	13.5%
4		53	13.5%
5		41	10.4%
6		53	13.5%
7		36	9.2%

**DAMAGED\_REASON: Can you please indicate which main three factors contributed to this percentage of harvested crop damaged?**

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 62 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Deficient fertilization,Drought,Extreme temperatures		11	2.8%
Deficient fertilization,Drought,Other		12	3.1%
Deficient fertilization,Extreme temperatures,Other		7	1.8%
Disease pressure,Deficient fertilization,Drought		9	2.3%
Disease pressure,Deficient fertilization,Extreme temperatures		4	1%
Disease pressure,Deficient fertilization,Other		8	2%
Disease pressure,Drought,Extreme temperatures		5	1.3%
Disease pressure,Drought,Other		9	2.3%
Disease pressure,Extreme temperatures,Other		5	1.3%
Drought,Extreme temperatures,Other		21	5.3%
Insect pressure,Deficient fertilization,Drought		5	1.3%
Insect pressure,Deficient fertilization,Extreme temperatures		1	0.3%
Insect pressure,Deficient fertilization,Other		4	1%

Insect pressure,Disease pressure,Deficient fertilization	9	2.3%
Insect pressure,Disease pressure,Drought	17	4.3%
Insect pressure,Disease pressure,Extreme temperatures	3	0.8%
Insect pressure,Disease pressure,Other	2	0.5%
Insect pressure,Drought,Extreme temperatures	1	0.3%
Insect pressure,Extreme temperatures,Other	2	0.5%
Insect pressure,Mites pressure,Deficient fertilization	15	3.8%
Insect pressure,Mites pressure,Disease pressure	59	15%
Insect pressure,Mites pressure,Drought	6	1.5%
Insect pressure,Mites pressure,Extreme temperatures	2	0.5%
Insect pressure,Mites pressure,Other	1	0.3%
Mites pressure,Deficient fertilization,Drought	15	3.8%
Mites pressure,Deficient fertilization,Extreme temperatures	12	3.1%
Mites pressure,Deficient fertilization,Other	10	2.5%
Mites pressure,Disease pressure,Deficient fertilization	13	3.3%
Mites pressure,Disease pressure,Drought	10	2.5%
Mites pressure,Disease pressure,Extreme temperatures	6	1.5%
Mites pressure,Disease pressure,Other	8	2%
Mites pressure,Drought,Extreme temperatures	4	1%
Mites pressure,Drought,Other	4	1%
Mites pressure,Extreme temperatures,Other	5	1.3%
Weeds infestation,Deficient fertilization,Extreme temperatures	1	0.3%
Weeds infestation,Disease pressure,Drought	2	0.5%
Weeds infestation,Disease pressure,Extreme temperatures	1	0.3%
Weeds infestation,Disease pressure,Other	1	0.3%
Weeds infestation,Extreme temperatures,Other	1	0.3%
Weeds infestation,Insect pressure,Deficient fertilization	1	0.3%
Weeds infestation,Insect pressure,Disease pressure	11	2.8%
Weeds infestation,Insect pressure,Extreme temperatures	2	0.5%
Weeds infestation,Insect pressure,Mites pressure	54	13.7%
Weeds infestation,Insect pressure,Other	1	0.3%
Weeds infestation,Mites pressure,Deficient fertilization	6	1.5%
Weeds infestation,Mites pressure,Disease pressure	6	1.5%
Weeds infestation,Mites pressure,Drought	1	0.3%

## PEST: Which pests did you encounter during storage?

Data file: CIV\_PostHarvest-Cocoa

## Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Fungi		86	21.9%
Insects		189	48.1%
None		82	20.9%
Rodents		36	9.2%

## OWN\_CONSUMPTION: Did you keep a part of the marketable yield for own consumption?

Data file: CIV\_PostHarvest-Cocoa

## Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		393	100%

## KEEP\_SEED: Did you keep a part of the marketable yield for having seed for the upcoming season?

Data file: CIV\_PostHarvest-Cocoa

## Overview

Valid: 389 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		389	100%

## SPRAY\_GUIDE: Do you receive guidelines from buyer/exporter advisors for spraying products on your crop, as part of buyer / export program?

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		393	100%

## COCOA\_CERTIFIED: Is your cocoa certified by any of these organisations?

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
UTZ		393	100%

## INPUT\_FROM: Where do you usually buy your Input products from?

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 390 Invalid: 0

Type: Discrete Width: 81 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Agronomic Advisor		2	0.5%
Agronomic Advisor,Local Market		1	0.3%
Agronomic Advisor,Local Market,Next City (when doing other shopping)		1	0.3%
Agronomic Advisor,Other Farmers,Local Market		1	0.3%

Agronomic Advisor,Other Farmers,Next City (when doing other shopping)	1	0.3%
Agronomic Advisor,Spray Service provider	1	0.3%
Agronomic Advisor,Spray Service provider,Other Farmers	1	0.3%
Cooperative,Other Farmers,Local Market	1	0.3%
Distributor,Agronomic Advisor	1	0.3%
Distributor,Agronomic Advisor,Spray Service provider	3	0.8%
Distributor,Cooperative	1	0.3%
Distributor,Cooperative,Agronomic Advisor	1	0.3%
Distributor,Local Market	1	0.3%
Distributor,Local Market,Next City (when doing other shopping)	1	0.3%
Distributor,Spray Service provider,Next City (when doing other shopping)	1	0.3%
Free from the Government support programs	3	0.8%
Free from the Government support programs,Nearest Retailer	4	1%
Free from the Government support programs,Nearest Retailer,Agronomic Advisor	1	0.3%
Free from the Government support programs,Nearest Retailer,Distributor	1	0.3%
Free from the Government support programs,Nearest Retailer,Random Retailer	11	2.8%
Free from the Government support programs,Random Retailer	1	0.3%
Free from the Government support programs,Random Retailer,Cooperative	1	0.3%
Free from the Government support programs,Random Retailer,Distributor	1	0.3%
Free from the Government support programs,Random Retailer,Distributor,Cooperative	1	0.3%
Local Market	83	21.3%
Local Market,Next City (when doing other shopping)	26	6.7%
Nearest Retailer	82	21%
Nearest Retailer,Agronomic Advisor,Spray Service provider	1	0.3%
Nearest Retailer,Distributor	2	0.5%
Nearest Retailer,Distributor,Agronomic Advisor	1	0.3%
Nearest Retailer,Distributor,Cooperative	5	1.3%
Nearest Retailer,Other Farmers	1	0.3%
Nearest Retailer,Random Retailer	12	3.1%
Nearest Retailer,Random Retailer,Agronomic Advisor	1	0.3%
Nearest Retailer,Random Retailer,Cooperative	4	1%
Nearest Retailer,Random Retailer,Distributor	19	4.9%
Next City (when doing other shopping)	34	8.7%
Other Farmers	28	7.2%
Other Farmers,Local Market	13	3.3%
Other Farmers,Local Market,Next City (when doing other shopping)	1	0.3%
Other Farmers,Next City (when doing other shopping)	5	1.3%
Random Retailer	5	1.3%
Random Retailer,Cooperative	2	0.5%

Random Retailer,Cooperative,Agronomic Advisor		1	0.3%
Random Retailer,Cooperative,Local Market		1	0.3%
Random Retailer,Distributor		1	0.3%
Random Retailer,Distributor,Agronomic Advisor		2	0.5%
Random Retailer,Distributor,Cooperative		8	2.1%
Random Retailer,Spray Service provider		1	0.3%
Spray Service provider		1	0.3%
Spray Service provider,Local Market		1	0.3%
Spray Service provider,Next City (when doing other shopping)		1	0.3%
Spray Service provider,Other Farmers		1	0.3%
Spray Service provider,Other Farmers,Local Market		5	1.3%

## GET\_PRODUCTS: Did you get the products you wanted to buy?

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 391 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		9	2.3%
Yes		382	97.7%

## GET\_PRODUCTS\_WHY: Why?

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 8 Invalid: 0

Type: Discrete Width: 32 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Product wanted was not available		8	100%

## TTL\_LAND\_PERM: What is the total land cultivated in Ha with permanent crops (including the land rented in this season)?

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
10		30	7.6%
11		27	6.9%
12		22	5.6%
13		31	7.9%
14		25	6.4%
15		26	6.6%
16		19	4.8%
17		23	5.9%
18		19	4.8%
19		20	5.1%
20		26	6.6%
4		1	0.3%
5		32	8.1%
50		1	0.3%
6		24	6.1%
7		23	5.9%
8		17	4.3%
9		27	6.9%

## TTL\_LAND\_TEMP: What is the total land cultivated in Ha with temporary crops (including the land rented in this season)?

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		102	26%
1		94	23.9%
2		96	24.4%
3		100	25.4%
30		1	0.3%

**TTL\_FALLOW\_LAND: What is the total amount Ha of fallow land (land left uncropped and not dedicated for grazing this season)?**

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 1 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		392	99.7%
1		1	0.3%

**C\_TREE\_OR\_SEED: What was your total amount/investment cost of your farm?Trees or seeds:**

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 1 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		393	100%

**C\_FERTI: What was your total amount/investment cost of your farm?Fertilizers:**

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 5 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		2	0.5%
100		1	0.3%
11		1	0.3%
263		17	4.3%
270		14	3.6%
278		24	6.1%
285		17	4.3%
293		18	4.6%
300		14	3.6%
308		15	3.8%
315		20	5.1%
323		15	3.8%
330		9	2.3%
338		11	2.8%
345		17	4.3%
353		9	2.3%
360		12	3.1%
367.5		1	0.3%
368		15	3.8%
375		16	4.1%
383		12	3.1%
390		19	4.8%
398		14	3.6%
405		17	4.3%
413		14	3.6%
416		1	0.3%
420		10	2.5%
428		10	2.5%
435		15	3.8%
443		19	4.8%
450		13	3.3%
465		1	0.3%

**C\_PESTI: What was your total amount/investment cost of your farm?Pesticides:****Data file:** CIV\_PostHarvest-Cocoa**Overview**

Valid: 393 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1	0.3%
10		35	8.9%
11		35	8.9%
12		40	10.2%
13		30	7.6%
14		39	9.9%
15		37	9.4%
16		28	7.1%
17		34	8.7%
18		31	7.9%
19		43	10.9%
20		37	9.4%
21		1	0.3%
315		1	0.3%
90		1	0.3%

**C\_LABOR: What was your total amount/investment cost of your farm?Labor:****Data file:** CIV\_PostHarvest-Cocoa**Overview**

Valid: 393 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		2	0.5%
15		71	18.1%
150		1	0.3%

16		61	15.5%
17		64	16.3%
18		61	15.5%
19		55	14%
20		77	19.6%
25		1	0.3%

## C\_MACHI: What was your total amount/investment cost of your farm?Machinery:

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		391	99.5%
20		1	0.3%
90		1	0.3%

## C\_WATER: What was your total amount/investment cost of your farm?Water use:

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		391	99.5%
20		1	0.3%
24		1	0.3%

## C\_FUEL: What was your total amount/investment cost of your farm?Fuel:

Data file: CIV\_PostHarvest-Cocoa

## Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		4	1%
12		1	0.3%
20		9	2.3%
21		14	3.6%
22		5	1.3%
23		11	2.8%
24		16	4.1%
25		18	4.6%
26		9	2.3%
27		12	3.1%
28		13	3.3%
29		17	4.3%
30		11	2.8%
31		18	4.6%
32		8	2%
33		11	2.8%
34		15	3.8%
35		18	4.6%
36		16	4.1%
37		11	2.8%
38		6	1.5%
39		7	1.8%
40		14	3.6%
41		14	3.6%
42		13	3.3%
43		17	4.3%
44		12	3.1%
45		12	3.1%
46		9	2.3%
47		10	2.5%
48		13	3.3%
49		13	3.3%

50		15	3.8%
75		1	0.3%

### C\_ELECTRI: What was your total amount/investment cost of your farm?Electricity:

Data file: CIV\_PostHarvest-Cocoa

#### Overview

Valid: 392 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		391	99.7%
22		1	0.3%

### C\_GAS: What was your total amount/investment cost of your farm?Gas:

Data file: CIV\_PostHarvest-Cocoa

#### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 1 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		393	100%

### C\_RENT: What was your total amount/investment cost of your farm?Rent/loans for growing areas:

Data file: CIV\_PostHarvest-Cocoa

#### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 1 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		393	100%

## TTL\_REV: What was your total revenue you achieved on your farm this season?

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 18 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1038.258		1	0.3%
1049		2	0.5%
1078		1	0.3%
1085		1	0.3%
1104		1	0.3%
1114.074		1	0.3%
1116.18		1	0.3%
1141		1	0.3%
1167		1	0.3%
1169		1	0.3%
1171		2	0.5%
1173		1	0.3%
1189.89		1	0.3%
1196		1	0.3%
1198		1	0.3%
1207		1	0.3%
1217		1	0.3%
1236		1	0.3%
1251		1	0.3%
1255		1	0.3%
1291		1	0.3%
1293.084		1	0.3%
1297		1	0.3%
1327		1	0.3%
1331		1	0.3%

1362.582		1	0.3%
1373.112		1	0.3%
1379		1	0.3%
1394		1	0.3%
1408.914		1	0.3%
1419		1	0.3%
1436		1	0.3%
1445		1	0.3%
1451		1	0.3%
1459		1	0.3%
1462		1	0.3%
1470		1	0.3%
1483		1	0.3%
1487		1	0.3%
1495		1	0.3%
1499		1	0.3%
1502		1	0.3%
1504		1	0.3%
1506		1	0.3%
1522.638		1	0.3%
1552		1	0.3%
1564.758		1	0.3%
1643		1	0.3%
1647		1	0.3%
1653		1	0.3%
1657		1	0.3%
1665.846		1	0.3%
1672		1	0.3%
1691		1	0.3%
1721		1	0.3%
1733.238		1	0.3%
1763		1	0.3%
1773		1	0.3%
1777		2	0.5%
1777.464		1	0.3%
1794		1	0.3%
1847		1	0.3%
1849		1	0.3%
1880.658		1	0.3%

1893		1	0.3%
1900		1	0.3%
1902		1	0.3%
1903.824		1	0.3%
1908		1	0.3%
1940		1	0.3%
1945.944		1	0.3%
1948		1	0.3%
1959		1	0.3%
1971		1	0.3%
1984		1	0.3%
1996		1	0.3%
2003		1	0.3%
2022		1	0.3%
2025.972		1	0.3%
2028		2	0.5%
2091		1	0.3%
2097.576		1	0.3%
2104		1	0.3%
2108		1	0.3%
2124.954		1	0.3%
2131.272		1	0.3%
2144		1	0.3%
2165		1	0.3%
2169		2	0.5%
2173		1	0.3%
2181.816		1	0.3%
2216		1	0.3%
2220		1	0.3%
2224		1	0.3%
2238.678		1	0.3%
2253.42		1	0.3%
2260		1	0.3%
2277		1	0.3%
2291		1	0.3%
2296		1	0.3%
2302		1	0.3%
2308.176		1	0.3%
2338		1	0.3%

2339.766		1	0.3%
2367.144		1	0.3%
2396.628		1	0.3%
2399		1	0.3%
2403		1	0.3%
2407.158		1	0.3%
2415.582		2	0.5%
2424.006		1	0.3%
2430		1	0.3%
2449		1	0.3%
2499.822		1	0.3%
2586		1	0.3%
2588		1	0.3%
2597		1	0.3%
2607.228		1	0.3%
2626		1	0.3%
2639		1	0.3%
2675		1	0.3%
2694		1	0.3%
2698		1	0.3%
2699.8919999999998		1	0.3%
2700		1	0.3%
2702		2	0.5%
2708		1	0.3%
2717		1	0.3%
2720.952		1	0.3%
2734		1	0.3%
2742.012		1	0.3%
2753		1	0.3%
2790.45		1	0.3%
2801		1	0.3%
2835		1	0.3%
2885		1	0.3%
2887		1	0.3%
2892		1	0.3%
2908		1	0.3%
2917		1	0.3%
2940		1	0.3%
2944		1	0.3%

2948		1	0.3%
2953		1	0.3%
2976		1	0.3%
2992.626		1	0.3%
3003		1	0.3%
3012		1	0.3%
3028		1	0.3%
3035		1	0.3%
3068		1	0.3%
3073		1	0.3%
3085		1	0.3%
3092		1	0.3%
3094		2	0.5%
3100.032		1	0.3%
3116.88		1	0.3%
3130		1	0.3%
3153		1	0.3%
3154.788		1	0.3%
3156.894		1	0.3%
3172		1	0.3%
3199		1	0.3%
3239		1	0.3%
3262		1	0.3%
3287		2	0.5%
3300		1	0.3%
3312.738		1	0.3%
3317		1	0.3%
3332		1	0.3%
3340		1	0.3%
3341		1	0.3%
3359		1	0.3%
3361		1	0.3%
3389		1	0.3%
3399		1	0.3%
3411.72		2	0.5%
3420		1	0.3%
3422		2	0.5%
3439		1	0.3%
3458.052		1	0.3%

3462		1	0.3%
3479		1	0.3%
3504.384		1	0.3%
3532		1	0.3%
3568		1	0.3%
3578		1	0.3%
3587		1	0.3%
3601		1	0.3%
3620		1	0.3%
3627		1	0.3%
3635		1	0.3%
3656		1	0.3%
3664		1	0.3%
3667		1	0.3%
3675		1	0.3%
3687.606		1	0.3%
3700		1	0.3%
3761		1	0.3%
3763		1	0.3%
3772		1	0.3%
3793		1	0.3%
3803		2	0.5%
3829		1	0.3%
3831		1	0.3%
3839		1	0.3%
3849.768		1	0.3%
3879		1	0.3%
3945		1	0.3%
3959		1	0.3%
3970		1	0.3%
3978.234		1	0.3%
4012		1	0.3%
4018		1	0.3%
4054		1	0.3%
4069		1	0.3%
4075		1	0.3%
4092		1	0.3%
4109		1	0.3%
4111		1	0.3%

4115.124		1	0.3%
4136.184		1	0.3%
4140		1	0.3%
4164		1	0.3%
4174		1	0.3%
4178.304		1	0.3%
4204		1	0.3%
4226.742		1	0.3%
4229		1	0.3%
4237		1	0.3%
4244		1	0.3%
4250		2	0.5%
4294		1	0.3%
4300		1	0.3%
4305		1	0.3%
4315.194		1	0.3%
4334		1	0.3%
4362		1	0.3%
4374		1	0.3%
4376		1	0.3%
4387		1	0.3%
4393		1	0.3%
4410		1	0.3%
4452		1	0.3%
4477		1	0.3%
4477.3559999999998		1	0.3%
4482		1	0.3%
4488		1	0.3%
4498		1	0.3%
4503		1	0.3%
4505		1	0.3%
4519		1	0.3%
4534.218		1	0.3%
4548.96		1	0.3%
4565.808		1	0.3%
4614		1	0.3%
4618.458		1	0.3%
4647.942		1	0.3%
4658		1	0.3%

4667		1	0.3%
4671		1	0.3%
4694.274		1	0.3%
4704.804		1	0.3%
4720		1	0.3%
4751		1	0.3%
4785		1	0.3%
4791		1	0.3%
4804		1	0.3%
4814		1	0.3%
4823		1	0.3%
4835		1	0.3%
4837		1	0.3%
4859		1	0.3%
4869		1	0.3%
4877		1	0.3%
4899		1	0.3%
4900.662		1	0.3%
4932		1	0.3%
4945		1	0.3%
4955		1	0.3%
4959.63		1	0.3%
4980.69		1	0.3%
4989.114		1	0.3%
5010		1	0.3%
5016.492		1	0.3%
5021		1	0.3%
5029.128		1	0.3%
5050.188		1	0.3%
5065		1	0.3%
5069.142		1	0.3%
5071		1	0.3%
5075.46		1	0.3%
5084		1	0.3%
5086		1	0.3%
5097		1	0.3%
5105		1	0.3%
5109		1	0.3%
5149.17		1	0.3%

5170		1	0.3%
5176.548		1	0.3%
5179		1	0.3%
5185		1	0.3%
5204		1	0.3%
5206		1	0.3%
5208		1	0.3%
5214		1	0.3%
5220.774		1	0.3%
5244		1	0.3%
5252		1	0.3%
5269		1	0.3%
5276		1	0.3%
5280		1	0.3%
5322		1	0.3%
5332.392		1	0.3%
5347		1	0.3%
5361.876		1	0.3%
5372.406		1	0.3%
5399.784		1	0.3%
5408.208		1	0.3%
5450.328		1	0.3%
5482		1	0.3%
5492		1	0.3%
5498.766		1	0.3%
5518		1	0.3%
5522		1	0.3%
5547		1	0.3%
5556		1	0.3%
5562		1	0.3%
5581		1	0.3%
5583		1	0.3%
5589.324		1	0.3%
5595.642		1	0.3%
5602		1	0.3%
5606		1	0.3%
5648.292		1	0.3%
5659		1	0.3%
5665		1	0.3%

5674		1	0.3%
5722		1	0.3%
5726.214		1	0.3%
5740.956		1	0.3%
5754		1	0.3%
5759.91		1	0.3%
5775		1	0.3%
5793		1	0.3%
5821		1	0.3%
659		1	0.3%
661		1	0.3%
663		1	0.3%
672		1	0.3%
687		2	0.5%
701		1	0.3%
706		1	0.3%
714		1	0.3%
726.57		1	0.3%
727		1	0.3%
735		1	0.3%
739		1	0.3%
754		1	0.3%
758		1	0.3%
762		1	0.3%
773		1	0.3%
792		1	0.3%
802		1	0.3%
828		1	0.3%
833.976		1	0.3%
876.096		1	0.3%
880.308		1	0.3%
887		1	0.3%
891		1	0.3%
903		1	0.3%
912		1	0.3%
914		1	0.3%
920		1	0.3%
952		1	0.3%
954		1	0.3%

960		1	0.3%
969		1	0.3%
988		1	0.3%

**TTL\_OWN\_CONSUMPTION: What is the total amount in USD of crops harvest used for own consumption?**

**Data file:** CIV\_PostHarvest-Cocoa

### Overview

Valid: 392 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		392	100%

**TTL\_STORED\_SELL: What is the total amount in USD of crops stored you plan to sell at a later stage?**

**Data file:** CIV\_PostHarvest-Cocoa

### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 1 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		393	100%

**TTL\_FEED: What is the total amount in USD of crops harvested used for feeding animals?**

**Data file:** CIV\_PostHarvest-Cocoa

### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 1 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		393	100%

**TTL\_BYPROD:** What is the total amount in USD of crops used for by products (oil from Olive, flours from wheat, etcâ€¦)?

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 1 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		393	100%

**TTL\_SHARECROPPING:** What is the total amount in USD of crops exchanged in share cropping arrangements?

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 392 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		392	100%

**PRICE\_SATISFIED:** How satisfied are you with the price you received on the market for your produce?

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 20 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Somewhat satisfied		127	32.3%
Somewhat unsatisfied		209	53.2%
Very satisfied		28	7.1%
Very unsatisfied		29	7.4%

**EST\_REV\_FIELD: What is the estimated revenue in USD of this field we are asking during this survey?**

**Data file:** CIV\_PostHarvest-Cocoa

### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 18 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1000		1	0.3%
1000.8		1	0.3%
1002.6		1	0.3%
1017		1	0.3%
1022.4		1	0.3%
1024.2		1	0.3%
1031.4000000000001		1	0.3%
1040.4000000000001		1	0.3%
1056.5999999999999		1	0.3%
1069.2		1	0.3%
1072.8		1	0.3%
1103.4000000000001		1	0.3%
1105.2		1	0.3%
1108.8		1	0.3%
1134		1	0.3%
1137.5999999999999		1	0.3%
1164.5999999999999		1	0.3%
1173.5999999999999		1	0.3%
1179		1	0.3%

1191.5999999999999		1	0.3%
1204.2		1	0.3%
1213.2		1	0.3%
1227.5999999999999		1	0.3%
1234.8		1	0.3%
1240.2		1	0.3%
1247.4000000000001		1	0.3%
1249.2		1	0.3%
1256		1	0.3%
1267.2		1	0.3%
1270.8		1	0.3%
1278		1	0.3%
1281.5999999999999		1	0.3%
1283.4000000000001		1	0.3%
1285.2		1	0.3%
1287		1	0.3%
1301.4000000000001		1	0.3%
1326.6		1	0.3%
1337.4		1	0.3%
1404		1	0.3%
1407.6		1	0.3%
1413		1	0.3%
1416.6		1	0.3%
1423.8		1	0.3%
1429.2		1	0.3%
1445.4		1	0.3%
1470.6		1	0.3%
1481.4		1	0.3%
1506		1	0.3%
1515.6		1	0.3%
1519.2		3	0.8%
1533.6		1	0.3%
1578.6		1	0.3%
1580.4		1	0.3%
1607.4		1	0.3%
1618.2		1	0.3%
1623.6		1	0.3%
1625.4		1	0.3%
1627.2		1	0.3%

1630.8		1	0.3%
1657.8		1	0.3%
1663.2		1	0.3%
1665		1	0.3%
1674		1	0.3%
1684.8		1	0.3%
1695.6		1	0.3%
1706.4		1	0.3%
1711.8		1	0.3%
1728		1	0.3%
1731.6		1	0.3%
1733.4		2	0.5%
1787.4		1	0.3%
1792.8		1	0.3%
1798.2		1	0.3%
1800		1	0.3%
1801.8		1	0.3%
1816.2		1	0.3%
1821.6		1	0.3%
1832.4		1	0.3%
1850.4		1	0.3%
1854		2	0.5%
1857.6		1	0.3%
1864.8		1	0.3%
1893.6		1	0.3%
1897.2		1	0.3%
1900.8		1	0.3%
1913.4		1	0.3%
1926		1	0.3%
1931.4		1	0.3%
1945.8		1	0.3%
1958.4		1	0.3%
1962		1	0.3%
1967.4		1	0.3%
1972.8		1	0.3%
1998		1	0.3%
1999.8		1	0.3%
2023.2		1	0.3%
2048.4		1	0.3%

2050.1999999999998		1	0.3%
2053.8000000000002		1	0.3%
2057.4		1	0.3%
2064.6		2	0.5%
2071.8000000000002		1	0.3%
2077.1999999999998		1	0.3%
2093.4		1	0.3%
2136.6		1	0.3%
2210.4		1	0.3%
2212.1999999999998		1	0.3%
2219.4		1	0.3%
2228.4		1	0.3%
2244.6		1	0.3%
2255.4		1	0.3%
2286		1	0.3%
2302.1999999999998		1	0.3%
2305.8000000000002		1	0.3%
2307.6		1	0.3%
2309.4		2	0.5%
2314.8000000000002		1	0.3%
2322		1	0.3%
2325.6		1	0.3%
2336.4		1	0.3%
2343.6		1	0.3%
2352.6		1	0.3%
2385		1	0.3%
2394		1	0.3%
2422.8000000000002		1	0.3%
2466		1	0.3%
2467.8000000000002		1	0.3%
2471.4		1	0.3%
2485.8000000000002		1	0.3%
2493		1	0.3%
2512.8000000000002		1	0.3%
2516.4		1	0.3%
2520		1	0.3%
2523.6		1	0.3%
2543.4		1	0.3%
2557.8000000000002		1	0.3%

2566.80000000000002		1	0.3%
2574		1	0.3%
2588.4		1	0.3%
2593.80000000000002		1	0.3%
2622.6		1	0.3%
2626.2		1	0.3%
2637		1	0.3%
2642.4		1	0.3%
2644.2		2	0.5%
2649.6		1	0.3%
2664		1	0.3%
2694.6		1	0.3%
2696.4		1	0.3%
2698.2		1	0.3%
2710.8		1	0.3%
2734.2		1	0.3%
2768.4		1	0.3%
2788.2		1	0.3%
2809.8		2	0.5%
2820.6		1	0.3%
2831.4		1	0.3%
2835		1	0.3%
2847.6		1	0.3%
2854.8		1	0.3%
2860.2		1	0.3%
2871		1	0.3%
2872.8		1	0.3%
2896.2		1	0.3%
2905.2		1	0.3%
2916		2	0.5%
2923.2		1	0.3%
2925		2	0.5%
2939.4		1	0.3%
2955.6		1	0.3%
2959.2		1	0.3%
2973.6		1	0.3%
2995.2		1	0.3%
3018.6		1	0.3%
3049.2		1	0.3%

3058.2		1	0.3%
3065.4		1	0.3%
3078		1	0.3%
3094.2		1	0.3%
3099.6		1	0.3%
3106.8		1	0.3%
3124.8		1	0.3%
3130		1	0.3%
3132		1	0.3%
3133.8		1	0.3%
3141		1	0.3%
3151.8		1	0.3%
3162.6		1	0.3%
3182.4		1	0.3%
3214.8		1	0.3%
3216.6		1	0.3%
3241.8		1	0.3%
3250.8		2	0.5%
3272.4		1	0.3%
3274.2		1	0.3%
3281.4		1	0.3%
3290.4		1	0.3%
3315.6		1	0.3%
3371.4		1	0.3%
3384		1	0.3%
3393		1	0.3%
3400.2		1	0.3%
3429		1	0.3%
3434.4		1	0.3%
3465		1	0.3%
3477.6		1	0.3%
3483		1	0.3%
3497.4		1	0.3%
3511.8		1	0.3%
3513.6		1	0.3%
3517.2		1	0.3%
3535.2		1	0.3%
3538.8		1	0.3%
3558.6		1	0.3%

3567.6		1	0.3%
3571.2		1	0.3%
3592.8		1	0.3%
3612.6		1	0.3%
3614.4		1	0.3%
3621.6		1	0.3%
3627		1	0.3%
3632.4		2	0.5%
3670.2		1	0.3%
3674		1	0.3%
3679.2		1	0.3%
3688.2		1	0.3%
3704.4		1	0.3%
3727.8		1	0.3%
3738.6		1	0.3%
3740.4		1	0.3%
3749.4		1	0.3%
3754.8		1	0.3%
3769.2		1	0.3%
3805.2		1	0.3%
3826.8		1	0.3%
3830.4		1	0.3%
3835.8		1	0.3%
3844.8		1	0.3%
3848.4		1	0.3%
3850.2		1	0.3%
3862.8		1	0.3%
3875.4		1	0.3%
3888		1	0.3%
3902.4		1	0.3%
3943.8		1	0.3%
3947.4		1	0.3%
3972.6		1	0.3%
3981.6		1	0.3%
3988.8		1	0.3%
3992.4		1	0.3%
4012.2		1	0.3%
4021.2		1	0.3%
4033.8		1	0.3%

4060.8		1	0.3%
4089.6		1	0.3%
4095		1	0.3%
4105.8		1	0.3%
4114.8		1	0.3%
4122		1	0.3%
4132.8		1	0.3%
4134.60000000000004		1	0.3%
4152.60000000000004		1	0.3%
4161.60000000000004		1	0.3%
4168.8		1	0.3%
4186.8		1	0.3%
4188.60000000000004		1	0.3%
4215.60000000000004		1	0.3%
4226.39999999999996		1	0.3%
4235.39999999999996		1	0.3%
4239		1	0.3%
4257		1	0.3%
4264.2		1	0.3%
4282.2		1	0.3%
4287.60000000000004		1	0.3%
4291.2		1	0.3%
4298.39999999999996		1	0.3%
4316.39999999999996		1	0.3%
4329		1	0.3%
4332.60000000000004		1	0.3%
4334.39999999999996		1	0.3%
4338		1	0.3%
4345.2		1	0.3%
4347		1	0.3%
4356		1	0.3%
4363.2		1	0.3%
4366.8		1	0.3%
4401		1	0.3%
4419		1	0.3%
4424.39999999999996		1	0.3%
4426.2		1	0.3%
4431.60000000000004		1	0.3%
4447.8		1	0.3%

4449.60000000000004		1	0.3%
4451.3999999999996		1	0.3%
4456.8		1	0.3%
4462.2		1	0.3%
4482		1	0.3%
4489.2		1	0.3%
4503.60000000000004		1	0.3%
4509		1	0.3%
4512.60000000000004		1	0.3%
4548.60000000000004		1	0.3%
4557.60000000000004		1	0.3%
4570.2		1	0.3%
4582.8		1	0.3%
4591.8		1	0.3%
4615.2		1	0.3%
4622.3999999999996		1	0.3%
4658.3999999999996		1	0.3%
4685.3999999999996		1	0.3%
4694.3999999999996		1	0.3%
4699.8		1	0.3%
4716		1	0.3%
4719.60000000000004		1	0.3%
4741.2		1	0.3%
4748.3999999999996		1	0.3%
4753.8		1	0.3%
4770		1	0.3%
4771.8		1	0.3%
4777.2		1	0.3%
4782.60000000000004		1	0.3%
4788		1	0.3%
4791.60000000000004		1	0.3%
4827.60000000000004		1	0.3%
4836.60000000000004		1	0.3%
4842		1	0.3%
4849.2		1	0.3%
4890.60000000000004		1	0.3%
4894.2		1	0.3%
4906.8		1	0.3%
4917.60000000000004		1	0.3%

4923		1	0.3%
4935.60000000000004		1	0.3%
4950		1	0.3%
4975.2		1	0.3%
563.4		1	0.3%
565.200000000000005		1	0.3%
567		1	0.3%
574.200000000000005		1	0.3%
586.79999999999995		2	0.5%
599.4		1	0.3%
603		1	0.3%
610.200000000000005		1	0.3%
621		2	0.5%
628.200000000000005		1	0.3%
631.79999999999995		1	0.3%
644.4		1	0.3%
648		1	0.3%
651.6		1	0.3%
660.6		1	0.3%
676.8		1	0.3%
685.8		1	0.3%
707.4		1	0.3%
712.8		1	0.3%
748.8		1	0.3%
752.4		1	0.3%
757.8		1	0.3%
761.4		1	0.3%
772.2		1	0.3%
779.4		1	0.3%
781.2		1	0.3%
786.6		1	0.3%
800		1	0.3%
813.6		1	0.3%
815		1	0.3%
820.8		1	0.3%
828		1	0.3%
844.2		1	0.3%
887.4		1	0.3%
896.4		2	0.5%

921.6		1	0.3%
927		1	0.3%
943.2		1	0.3%
952.2		1	0.3%
954		1	0.3%
975.6		1	0.3%
997.2		1	0.3%
999		1	0.3%

## PROFITABLE: Do you consider yourself profitable?

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		282	71.8%
Yes		111	28.2%

## ADV\_WEATHER: Has the crop grown been impacted by adverse weather conditions?

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 14 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Drought		145	36.9%
Excessive cold		4	1%
Excessive heat		116	29.5%
Rain		128	32.6%

**WATER\_SOURCE: What is the MAIN water source during this season?****Data file:** CIV\_PostHarvest-Cocoa**Overview**

Valid: 393 Invalid: 0

Type: Discrete Width: 77 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Irrigated using irrigation equipment (e.g. rain, ponds, river, tap water,â€¦)		114	29%
Rain-fed (no equipment, only natural rainfall)		240	61.1%
Swamp/wetland		39	9.9%

**AGRO\_ADVICE: Are you getting enough agronomic advice?****Data file:** CIV\_PostHarvest-Cocoa**Overview**

Valid: 393 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
No		283	72%
Yes		110	28%

**IMPROVE\_WITH: What would you ideally like to improve with your farming practices?****Data file:** CIV\_PostHarvest-Cocoa**Overview**

Valid: 393

Type: Discrete Width: 255 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Adequate fertilizer recommendations		5	1.3%

Adequate fertilizer recommendations,How to use individual protection equipment correctly to protect me better when spraying	11	2.8%
Adequate fertilizer recommendations,More efficient water use	6	1.5%
Adequate fertilizer recommendations,More efficient water use,How to use individual protection equipment correctly to protect me better when spraying	17	4.3%
Better efficiency in spraying pesticides	9	2.3%
Better efficiency in spraying pesticides,Better soil preservation practices	7	1.8%
Better efficiency in spraying pesticides,Better soil preservation practices,More seed selection knowledge	2	0.5%
Better efficiency in spraying pesticides,Better soil preservation practices,Soil analysis	1	0.3%
Better efficiency in spraying pesticides,More efficient water use	1	0.3%
Better efficiency in spraying pesticides,More seed selection knowledge	2	0.5%
Better efficiency in spraying pesticides,More seed selection knowledge,Soil analysis	1	0.3%
Better efficiency in spraying pesticides,Soil analysis,More efficient water use	1	0.3%
Better efficiency in spraying pesticides,Spray equipment maintenance tips	7	1.8%
Better efficiency in spraying pesticides,Spray equipment maintenance tips,Better soil preservation practices	6	1.5%
Better efficiency in spraying pesticides,Spray equipment maintenance tips,More seed selection knowledge	1	0.3%
Better soil preservation practices	3	0.8%
Better soil preservation practices,More efficient water use	1	0.3%
Better soil preservation practices,More efficient water use,How to use individual protection equipment correctly to protect me better when spraying	1	0.3%
Better soil preservation practices,More seed selection knowledge	1	0.3%
Better soil preservation practices,More seed selection knowledge,Adequate fertilizer recommendations,More efficient water use	1	0.3%
Better soil preservation practices,Soil analysis	1	0.3%
Better soil preservation practices,Soil analysis,Adequate fertilizer recommendations	2	0.5%
Better soil preservation practices,Soil analysis,How to use individual protection equipment correctly to protect me better when spraying	1	0.3%
Better soil preservation practices,Soil analysis,More efficient water use	1	0.3%
Better soil preservation practices,Soil analysis,More efficient water use,How to use individual protection equipment correctly to protect me better when spraying	1	0.3%
How to use individual protection equipment correctly to protect me better when spraying	2	0.5%
Know more about Integrated Pest Management	9	2.3%
Know more about Integrated Pest Management,Adequate fertilizer recommendations,More efficient water use	1	0.3%
Know more about Integrated Pest Management,Better efficiency in spraying pesticides,Better soil preservation practices	2	0.5%
Know more about Integrated Pest Management,Better efficiency in spraying pesticides,Better soil preservation practices,More seed selection knowledge	1	0.3%
Know more about Integrated Pest Management,Better soil preservation practices,More seed selection knowledge	1	0.3%
Know more about Integrated Pest Management,How to use individual protection equipment correctly to protect me better when spraying	1	0.3%

Know more about Integrated Pest Management,The use of decision support systems to tell me when and why to apply pesticides	6	1.5%
Know more about Integrated Pest Management,The use of decision support systems to tell me when and why to apply pesticides,Better efficiency in spraying pesticides	25	6.4%
Know more about Integrated Pest Management,The use of decision support systems to tell me when and why to apply pesticides,Better efficiency in spraying pesticides,Better soil preservation practices	1	0.3%
Know more about Integrated Pest Management,The use of decision support systems to tell me when and why to apply pesticides,Better efficiency in spraying pesticides,Spray equipment maintenance tips	1	0.3%
Know more about Integrated Pest Management,The use of decision support systems to tell me when and why to apply pesticides,Better efficiency in spraying pesticides,Spray equipment maintenance tips,Better soil preservation practices,More seed selection kno	1	0.3%
Know more about Integrated Pest Management,The use of decision support systems to tell me when and why to apply pesticides,Better soil preservation practices	3	0.8%
Know more about Integrated Pest Management,The use of decision support systems to tell me when and why to apply pesticides,Spray equipment maintenance tips	7	1.8%
More efficient water use	5	1.3%
More efficient water use,How to use individual protection equipment correctly to protect me better when spraying	14	3.6%
More seed selection knowledge	1	0.3%
More seed selection knowledge,Adequate fertilizer recommendations	2	0.5%
More seed selection knowledge,Adequate fertilizer recommendations,How to use individual protection equipment correctly to protect me better when spraying	2	0.5%
More seed selection knowledge,Adequate fertilizer recommendations,More efficient water use	3	0.8%
More seed selection knowledge,How to use individual protection equipment correctly to protect me better when spraying	3	0.8%
More seed selection knowledge,More efficient water use	1	0.3%
More seed selection knowledge,More efficient water use,How to use individual protection equipment correctly to protect me better when spraying	1	0.3%
More seed selection knowledge,Soil analysis	2	0.5%
More seed selection knowledge,Soil analysis,Adequate fertilizer recommendations	2	0.5%
More seed selection knowledge,Soil analysis,Adequate fertilizer recommendations,More efficient water use	1	0.3%
More seed selection knowledge,Soil analysis,How to use individual protection equipment correctly to protect me better when spraying	1	0.3%
More seed selection knowledge,Soil analysis,More efficient water use	1	0.3%
More seed selection knowledge,Soil analysis,More efficient water use,How to use individual protection equipment correctly to protect me better when spraying	2	0.5%
Soil analysis	2	0.5%
Soil analysis,Adequate fertilizer recommendations	7	1.8%
Soil analysis,Adequate fertilizer recommendations,How to use individual protection equipment correctly to protect me better when spraying	5	1.3%
Soil analysis,Adequate fertilizer recommendations,More efficient water use	13	3.3%
Soil analysis,Adequate fertilizer recommendations,More efficient water use,How to use individual protection equipment correctly to protect me better when spraying	2	0.5%

Soil analysis,How to use individual protection equipment correctly to protect me better when spraying		4	1%
Soil analysis,More efficient water use		15	3.8%
Soil analysis,More efficient water use,How to use individual protection equipment correctly to protect me better when spraying		9	2.3%
Spray equipment maintenance tips		2	0.5%
Spray equipment maintenance tips,Adequate fertilizer recommendations		1	0.3%
Spray equipment maintenance tips,Adequate fertilizer recommendations,More efficient water use		1	0.3%
Spray equipment maintenance tips,Better soil preservation practices		5	1.3%
Spray equipment maintenance tips,Better soil preservation practices,Adequate fertilizer recommendations		1	0.3%
Spray equipment maintenance tips,Better soil preservation practices,More seed selection knowledge		6	1.5%
Spray equipment maintenance tips,More seed selection knowledge		3	0.8%
Spray equipment maintenance tips,Soil analysis		1	0.3%
Spray equipment maintenance tips,Soil analysis,How to use individual protection equipment correctly to protect me better when spraying		1	0.3%
The use of decision support systems to tell me when and why to apply pesticides		19	4.8%
The use of decision support systems to tell me when and why to apply pesticides,Better efficiency in spraying pesticides		7	1.8%
The use of decision support systems to tell me when and why to apply pesticides,Better efficiency in spraying pesticides,Adequate fertilizer recommendations		1	0.3%
The use of decision support systems to tell me when and why to apply pesticides,Better efficiency in spraying pesticides,Better soil preservation practices		13	3.3%
The use of decision support systems to tell me when and why to apply pesticides,Better efficiency in spraying pesticides,More seed selection knowledge		1	0.3%
The use of decision support systems to tell me when and why to apply pesticides,Better efficiency in spraying pesticides,Spray equipment maintenance tips		50	12.7%
The use of decision support systems to tell me when and why to apply pesticides,Better efficiency in spraying pesticides,Spray equipment maintenance tips,More seed selection knowledge		2	0.5%
The use of decision support systems to tell me when and why to apply pesticides,Better soil preservation practices		2	0.5%
The use of decision support systems to tell me when and why to apply pesticides,Better soil preservation practices,More seed selection knowledge		1	0.3%
The use of decision support systems to tell me when and why to apply pesticides,Spray equipment maintenance tips		15	3.8%
The use of decision support systems to tell me when and why to apply pesticides,Spray equipment maintenance tips,Better soil preservation practices		10	2.5%
The use of decision support systems to tell me when and why to apply pesticides,Spray equipment maintenance tips,More seed selection knowledge		2	0.5%

**IMPRO1:****Data file: CIV\_PostHarvest-Cocoa**

## Overview

Valid: 1 Invalid: 0

Type: Discrete Width: 9 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
wledge		1	100%

## SPRAYING\_ADVICE: Do you follow the label advice when preparing for spraying?

Data file: CIV\_PostHarvest-Cocoa

## Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		191	48.6%
Yes		202	51.4%

## POLLINATORS: Are you aware of recommendation/precautions you need to follow on potential impact on pollinators when spraying?

Data file: CIV\_PostHarvest-Cocoa

## Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		392	99.7%
Yes		1	0.3%

## SEASON\_ACCIDENT: Did you experience any accident or bad experience at all during this season? Anything on field, chemical, operation etc.?

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		392	99.7%
Yes		1	0.3%

## MIXTURE\_PROTECTION: When you prepare the mixture for spraying - Do you wear any of the following ?

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 48 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Apron, Face Shield/Goggles		19	4.8%
Apron, Face Shield/Goggles Gloves		18	4.6%
Apron, Face Shield/Goggles, Gum boots,		24	6.1%
Apron, Face Shield/Goggles, Gum boots, Gloves		22	5.6%
Apron, Faced mask		28	7.1%
Apron, Faced mask Gloves		20	5.1%
Apron, Faced mask, Gum boots,		33	8.4%
Apron, Faced mask, Gum boots, Gloves		25	6.4%
Coverall, Face Shield/Goggles		31	7.9%
Coverall, Face Shield/Goggles Gloves		33	8.4%
Coverall, Face Shield/Goggles, Gum boots,		23	5.9%
Coverall, Face Shield/Goggles, Gum boots, Gloves		25	6.4%
Coverall, Faced mask		21	5.3%
Coverall, Faced mask Gloves		22	5.6%
Coverall, Faced mask, Gum boots,		23	5.9%

Coverall, Faced mask, Gum boots, Gloves		26	6.6%
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## SPRAYING\_PROTECTION: When field spraying - Do you wear any of the following ?

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 393 Invalid: 0

Type: Discrete Width: 48 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Apron, Face Shield/Goggles		19	4.8%
Apron, Face Shield/Goggles Gloves		18	4.6%
Apron, Face Shield/Goggles, Gum boots,		24	6.1%
Apron, Face Shield/Goggles, Gum boots, Gloves		22	5.6%
Apron, Faced mask		28	7.1%
Apron, Faced mask Gloves		20	5.1%
Apron, Faced mask, Gum boots,		33	8.4%
Apron, Faced mask, Gum boots, Gloves		25	6.4%
Coverall, Face Shield/Goggles		31	7.9%
Coverall, Face Shield/Goggles Gloves		33	8.4%
Coverall, Face Shield/Goggles, Gum boots,		23	5.9%
Coverall, Face Shield/Goggles, Gum boots, Gloves		25	6.4%
Coverall, Faced mask		21	5.3%
Coverall, Faced mask Gloves		22	5.6%
Coverall, Faced mask, Gum boots,		23	5.9%
Coverall, Faced mask, Gum boots, Gloves		26	6.6%

## EMPTY\_PESTICIDES: What do you do with empty container of pesticides you use in your farm?

Data file: CIV\_PostHarvest-Cocoa

### Overview

Valid: 392 Invalid: 0

Type: Discrete Width: 54 Range: - Format: character

### Questions and instructions

## CATEGORIES

Value	Category	Cases	
Burnt		93	23.7%
Buried		93	23.7%
Re-use them for other purposes		108	27.6%
Stored and delivered to authorised collection schemes		98	25%

**ID: ID****Data file: CIV\_Fertilizer-Cocoa****Overview**

Valid: 394    Invalid: 0

Type: Discrete    Width: 8    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
171239_0		1	0.3%
171531_0		1	0.3%
171863_0		1	0.3%
171864_0		1	0.3%
171865_0		1	0.3%
171866_0		1	0.3%
171867_0		1	0.3%
171868_0		1	0.3%
171869_0		1	0.3%
171870_0		1	0.3%
171871_0		1	0.3%
171872_0		1	0.3%
171873_0		1	0.3%
171874_0		1	0.3%
171875_0		1	0.3%
171876_0		1	0.3%
171877_0		1	0.3%
171878_0		1	0.3%
171879_0		1	0.3%
171880_0		1	0.3%
171881_0		1	0.3%
171882_0		1	0.3%
171883_0		1	0.3%
171884_0		1	0.3%
171885_0		1	0.3%
171886_0		1	0.3%
171887_0		1	0.3%
171888_0		1	0.3%
171889_0		1	0.3%
171890_0		1	0.3%

171891_0		1	0.3%
171892_0		1	0.3%
171893_0		1	0.3%
171894_0		1	0.3%
171895_0		1	0.3%
171896_0		1	0.3%
171897_0		1	0.3%
171898_0		1	0.3%
171899_0		1	0.3%
171900_0		1	0.3%
171901_0		1	0.3%
171902_0		1	0.3%
171903_0		1	0.3%
171904_0		1	0.3%
171905_0		1	0.3%
171906_0		1	0.3%
171907_0		1	0.3%
171908_0		1	0.3%
171909_0		1	0.3%
171910_0		1	0.3%
171911_0		1	0.3%
171912_0		1	0.3%
171913_0		1	0.3%
171914_0		1	0.3%
171915_0		1	0.3%
171916_0		1	0.3%
171917_0		1	0.3%
171918_0		1	0.3%
171919_0		1	0.3%
171920_0		1	0.3%
171921_0		1	0.3%
171922_0		1	0.3%
171923_0		1	0.3%
171924_0		1	0.3%
171925_0		1	0.3%
171926_0		1	0.3%
171927_0		1	0.3%
171928_0		1	0.3%
171929_0		1	0.3%

171930_0		1	0.3%
171931_0		1	0.3%
171932_0		1	0.3%
171933_0		1	0.3%
171934_0		1	0.3%
171935_0		1	0.3%
171936_0		1	0.3%
171937_0		1	0.3%
171938_0		1	0.3%
171939_0		1	0.3%
171940_0		1	0.3%
171941_0		1	0.3%
171942_0		1	0.3%
171943_0		1	0.3%
171944_0		1	0.3%
171945_0		1	0.3%
171946_0		1	0.3%
171947_0		1	0.3%
171948_0		1	0.3%
171949_0		1	0.3%
171950_0		1	0.3%
171951_0		1	0.3%
171952_0		1	0.3%
171953_0		1	0.3%
171954_0		1	0.3%
171955_0		1	0.3%
171956_0		1	0.3%
171957_0		1	0.3%
171958_0		1	0.3%
171959_0		1	0.3%
171960_0		1	0.3%
171961_0		1	0.3%
171962_0		1	0.3%
171963_0		1	0.3%
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## OWNER: Owner

Data file: CIV\_Fertilizer-Cocoa

### Overview

Valid: 394 Invalid: 0

Type: Discrete Width: 6 Range: - Format: character

### Questions and instructions

#### CATEGORIES

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172195		1	0.3%
172196		1	0.3%
172197		1	0.3%
172198		1	0.3%
172199		1	0.3%
172200		1	0.3%
172201		1	0.3%
172202		1	0.3%
172203		1	0.3%
172204		1	0.3%
172205		1	0.3%
172206		1	0.3%
172207		1	0.3%
172208		1	0.3%
172209		1	0.3%
172210		1	0.3%
172211		1	0.3%
172212		1	0.3%
172213		1	0.3%
172214		1	0.3%

172215		1	0.3%
172216		1	0.3%
172217		1	0.3%
172218		1	0.3%
172219		1	0.3%
172220		1	0.3%
172221		1	0.3%
172222		1	0.3%
172223		1	0.3%
172224		1	0.3%
172225		1	0.3%
172226		1	0.3%
172227		1	0.3%
172228		1	0.3%
172229		1	0.3%
172230		1	0.3%
172231		1	0.3%
172232		1	0.3%
172233		1	0.3%
172234		1	0.3%
172235		1	0.3%
172236		1	0.3%
172237		1	0.3%
172238		1	0.3%
172239		1	0.3%
172240		1	0.3%
172241		1	0.3%
172242		1	0.3%
172243		1	0.3%
172244		1	0.3%
172245		1	0.3%
172246		1	0.3%
172247		1	0.3%
172248		1	0.3%
172249		1	0.3%
172250		1	0.3%
172251		1	0.3%
172252		1	0.3%
172253		1	0.3%

172254		1	0.3%
172255		1	0.3%
172256		1	0.3%
172257		1	0.3%
172258		1	0.3%
172259		1	0.3%
172260		1	0.3%
172261		1	0.3%
172262		1	0.3%
172263		1	0.3%
172264		1	0.3%
172265		1	0.3%
172266		1	0.3%
172267		1	0.3%
172268		1	0.3%
172269		1	0.3%
172270		1	0.3%
172271		1	0.3%
172272		1	0.3%
172273		1	0.3%
172274		1	0.3%
172275		1	0.3%
172276		1	0.3%
172277		1	0.3%
172278		1	0.3%
172279		1	0.3%
172280		1	0.3%
172281		1	0.3%

## **MATCHING\_ID: Pre-planting ID**

**Data file:** CIV\_Fertilizer-Cocoa

### **Overview**

Valid: 98    Invalid: 0

Type: Discrete    Width: 6    Range: -    Format: character

### **Questions and instructions**

CATEGORIES

Value	Category	Cases	
171048		1	1%
171050		1	1%
171051		1	1%
171052		1	1%
171053		1	1%
171054		1	1%
171055		1	1%
171056		1	1%
171057		1	1%
171058		1	1%
171059		1	1%
171060		1	1%
171061		1	1%
171062		1	1%
171063		1	1%
171064		1	1%
171065		1	1%
171066		1	1%
171067		1	1%
171068		1	1%
171070		1	1%
171071		1	1%
171072		1	1%
171073		1	1%
171074		1	1%
171075		1	1%
171104		1	1%
171105		1	1%
171106		1	1%
171107		1	1%
171108		1	1%
171109		1	1%
171110		1	1%
171111		1	1%
171112		1	1%
171113		1	1%
171114		1	1%
171115		1	1%

171116		1	1%
171117		1	1%
171118		1	1%
171119		1	1%
171120		1	1%
171121		1	1%
171122		1	1%
171123		1	1%
171124		1	1%
171125		1	1%
171126		1	1%
171127		1	1%
171128		1	1%
171129		1	1%
171130		1	1%
171131		1	1%
171132		1	1%
171133		1	1%
171134		1	1%
171135		1	1%
171136		1	1%
171137		1	1%
171138		1	1%
171139		1	1%
171140		1	1%
171141		1	1%
171142		1	1%
171143		1	1%
171144		1	1%
171145		1	1%
171146		1	1%
171147		1	1%
171148		1	1%
171149		1	1%
171150		1	1%
171151		1	1%
171152		1	1%
171153		1	1%
171154		1	1%

171155		1	1%
171156		1	1%
171157		1	1%
171158		1	1%
171159		1	1%
171160		1	1%
171161		1	1%
171162		1	1%
171163		1	1%
171164		1	1%
171165		1	1%
171166		1	1%
171167		1	1%
171168		1	1%
171169		1	1%
171170		1	1%
171171		1	1%
171172		1	1%
171173		1	1%
171175		1	1%
171176		1	1%

## TIME\_APPLICATION: Timing of product application:

Data file: CIV\_Fertilizer-Cocoa

### Overview

Valid: 394 Invalid: 0

Type: Discrete Width: 10 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1/10/2023		1	0.3%
1/13/2023		1	0.3%
1/15/2023		1	0.3%
1/17/2023		3	0.8%
1/19/2023		2	0.5%
1/2/2023		1	0.3%

1/20/2023		3	0.8%
1/21/2023		2	0.5%
1/22/2023		1	0.3%
1/25/2023		1	0.3%
1/26/2023		2	0.5%
1/27/2023		1	0.3%
1/29/2023		1	0.3%
1/3/2023		1	0.3%
1/31/2023		3	0.8%
1/4/2023		2	0.5%
1/5/2023		4	1%
1/6/2023		1	0.3%
1/8/2023		1	0.3%
1/9/2023		1	0.3%
10/1/2022		2	0.5%
10/10/2022		1	0.3%
10/12/2022		1	0.3%
10/13/2022		3	0.8%
10/15/2022		3	0.8%
10/16/2022		1	0.3%
10/17/2022		1	0.3%
10/18/2022		3	0.8%
10/19/2022		3	0.8%
10/20/2022		3	0.8%
10/22/2022		1	0.3%
10/25/2022		1	0.3%
10/26/2022		1	0.3%
10/27/2022		1	0.3%
10/28/2022		2	0.5%
10/29/2022		1	0.3%
10/3/2022		2	0.5%
10/3/2023		1	0.3%
10/4/2022		1	0.3%
10/5/2022		2	0.5%
10/6/2022		1	0.3%
10/7/2022		1	0.3%
10/8/2022		3	0.8%
10/9/2022		1	0.3%
10/9/2023		1	0.3%

11/10/2022		2	0.5%
11/11/2022		2	0.5%
11/12/2022		2	0.5%
11/13/2022		2	0.5%
11/14/2022		3	0.8%
11/17/2022		1	0.3%
11/18/2022		1	0.3%
11/19/2022		3	0.8%
11/2/2022		2	0.5%
11/20/2022		1	0.3%
11/21/2022		3	0.8%
11/22/2022		1	0.3%
11/23/2022		1	0.3%
11/24/2022		1	0.3%
11/25/2022		2	0.5%
11/26/2022		1	0.3%
11/27/2022		1	0.3%
11/28/2022		1	0.3%
11/29/2022		2	0.5%
11/3/2022		1	0.3%
11/30/2022		1	0.3%
11/4/2022		2	0.5%
11/5/2022		1	0.3%
11/6/2022		1	0.3%
12/1/2022		1	0.3%
12/1/2023		1	0.3%
12/10/2022		3	0.8%
12/11/2022		3	0.8%
12/12/2022		4	1%
12/13/2022		1	0.3%
12/14/2022		3	0.8%
12/15/2022		1	0.3%
12/17/2022		1	0.3%
12/18/2022		1	0.3%
12/21/2022		1	0.3%
12/23/2022		4	1%
12/24/2022		3	0.8%
12/25/2022		2	0.5%
12/26/2022		1	0.3%

12/28/2022		2	0.5%
12/3/2022		2	0.5%
12/3/2023		1	0.3%
12/30/2022		1	0.3%
12/31/2022		1	0.3%
12/7/2022		2	0.5%
12/8/2022		2	0.5%
12/9/2022		1	0.3%
2/11/2023		2	0.5%
2/12/2023		1	0.3%
2/13/2023		1	0.3%
2/14/2023		1	0.3%
2/15/2023		3	0.8%
2/16/2023		1	0.3%
2/18/2023		1	0.3%
2/2/2023		1	0.3%
2/20/2023		2	0.5%
2/22/2023		3	0.8%
2/23/2023		1	0.3%
2/24/2023		1	0.3%
2/25/2023		3	0.8%
2/26/2023		1	0.3%
2/27/2023		1	0.3%
2/4/2023		1	0.3%
2/6/2023		4	1%
2/7/2023		1	0.3%
2/8/2023		3	0.8%
3/1/2023		2	0.5%
3/10/2023		1	0.3%
3/11/2023		2	0.5%
3/12/2023		1	0.3%
3/13/2023		3	0.8%
3/14/2023		1	0.3%
3/15/2023		3	0.8%
3/18/2023		1	0.3%
3/19/2023		1	0.3%
3/2/2023		1	0.3%
3/20/2023		1	0.3%
3/22/2023		2	0.5%

3/23/2023		1	0.3%
3/24/2023		1	0.3%
3/25/2023		1	0.3%
3/26/2023		1	0.3%
3/27/2023		2	0.5%
3/28/2023		2	0.5%
3/29/2023		2	0.5%
3/3/2023		2	0.5%
3/4/2023		1	0.3%
3/6/2023		2	0.5%
3/7/2023		1	0.3%
3/9/2023		1	0.3%
4/1/2023		1	0.3%
4/10/2023		1	0.3%
4/11/2023		1	0.3%
4/12/2023		2	0.5%
4/13/2023		2	0.5%
4/14/2023		3	0.8%
4/16/2023		2	0.5%
4/17/2023		1	0.3%
4/18/2023		1	0.3%
4/19/2023		2	0.5%
4/20/2023		1	0.3%
4/24/2023		1	0.3%
4/25/2023		2	0.5%
4/26/2023		2	0.5%
4/27/2023		2	0.5%
4/28/2023		1	0.3%
4/29/2023		1	0.3%
4/6/2023		2	0.5%
4/7/2023		2	0.5%
4/8/2023		1	0.3%
4/9/2023		1	0.3%
5/1/2023		2	0.5%
5/10/2023		1	0.3%
5/13/2023		1	0.3%
5/15/2023		1	0.3%
5/16/2023		1	0.3%
5/17/2023		2	0.5%

5/18/2023		2	0.5%
5/19/2023		2	0.5%
5/2/2023		1	0.3%
5/20/2023		2	0.5%
5/21/2023		3	0.8%
5/23/2023		3	0.8%
5/26/2023		4	1%
5/27/2023		1	0.3%
5/3/2023		1	0.3%
5/4/2023		2	0.5%
5/5/2023		1	0.3%
5/7/2023		1	0.3%
5/9/2022		1	0.3%
5/9/2023		2	0.5%
6/30/2022		1	0.3%
6/5/2023		1	0.3%
7/1/2022		3	0.8%
7/10/2022		2	0.5%
7/11/2022		1	0.3%
7/12/2022		2	0.5%
7/13/2022		2	0.5%
7/15/2022		3	0.8%
7/16/2022		2	0.5%
7/17/2022		1	0.3%
7/18/2022		1	0.3%
7/19/2022		1	0.3%
7/2/2023		1	0.3%
7/20/2022		3	0.8%
7/21/2022		2	0.5%
7/22/2022		4	1%
7/23/2022		1	0.3%
7/24/2022		2	0.5%
7/25/2022		1	0.3%
7/26/2022		2	0.5%
7/28/2022		2	0.5%
7/3/2022		3	0.8%
7/31/2022		3	0.8%
7/4/2022		1	0.3%
7/6/2022		3	0.8%

7/8/2022		2	0.5%
7/9/2022		2	0.5%
8/1/2022		1	0.3%
8/10/2022		1	0.3%
8/11/2022		1	0.3%
8/13/2022		1	0.3%
8/15/2022		2	0.5%
8/16/2022		2	0.5%
8/17/2022		1	0.3%
8/18/2022		2	0.5%
8/20/2022		1	0.3%
8/22/2022		2	0.5%
8/26/2022		5	1.3%
8/27/2022		4	1%
8/28/2022		1	0.3%
8/29/2022		1	0.3%
8/3/2022		2	0.5%
8/31/2022		2	0.5%
8/5/2022		2	0.5%
8/6/2022		1	0.3%
8/8/2022		1	0.3%
9/10/2022		1	0.3%
9/11/2022		2	0.5%
9/12/2022		3	0.8%
9/14/2022		1	0.3%
9/15/2022		1	0.3%
9/16/2022		1	0.3%
9/17/2022		1	0.3%
9/19/2022		1	0.3%
9/21/2022		2	0.5%
9/23/2022		1	0.3%
9/24/2022		2	0.5%
9/28/2022		1	0.3%
9/3/2022		2	0.5%
9/30/2022		1	0.3%
9/4/2022		1	0.3%

**PRODUCT\_TYPE: Type of product:****Data file:** CIV\_Fertilizer-Cocoa**Overview**

Valid: 394 Invalid: 0

Type: Discrete Width: 19 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Chemical fertilizer		297	75.4%
Organic fertilizer		97	24.6%

**BRAND: Brand product name or product description:****Data file:** CIV\_Fertilizer-Cocoa**Overview**

Valid: 394 Invalid: 0

Type: Discrete Width: 31 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Adehye Cocoa Fertiliser		36	9.1%
Adom Cocoa Fertiliser		31	7.9%
Asaasewura		33	8.4%
Beef manure		1	0.3%
Cocoa Master		38	9.6%
Cocofeed		42	10.7%
Dua Pa		39	9.9%
Elite Organic Fertilizer		43	10.9%
FEATHERS		1	0.3%
Ferta Agra Cacao Super		40	10.2%
Natural Organic Cocoa Fertilizer		50	12.7%
So Aba Pa		40	10.2%

**UNIT: Unit of quantity:****Data file:** CIV\_Fertilizer-Cocoa

## Overview

Valid: 394    Invalid: 0  
 Type: Discrete    Width: 17    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
kg per hectar		392	99.5%
litres per hectar		2	0.5%

## DOSAGE: Dosage:

Data file: CIV\_Fertilizer-Cocoa

## Overview

Valid: 394    Invalid: 0  
 Type: Discrete    Width: 4    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1000		93	23.6%
2		2	0.5%
375		299	75.9%

## N\_PCT: Percentage N Nitrogen:

Data file: CIV\_Fertilizer-Cocoa

## Overview

Valid: 394    Invalid: 0  
 Type: Discrete    Width: 2    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		75	19%
1		38	9.6%
2		67	17%
3		172	43.7%

4		40	10.2%
6		1	0.3%
80		1	0.3%

## P\_PCT: Percentage P Phosphorus:

Data file: CIV\_Fertilizer-Cocoa

### Overview

Valid: 394 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1	0.3%
1		1	0.3%
2		50	12.7%
21		78	19.8%
22		73	18.5%
23		67	17%
25		39	9.9%
30		42	10.7%
4		43	10.9%

## K\_PCT: Percentage K potassium:

Data file: CIV\_Fertilizer-Cocoa

### Overview

Valid: 394 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1	0.3%
18		179	45.4%
19		38	9.6%
2		50	12.7%

20		82	20.8%
4		43	10.9%
7		1	0.3%

## EQUIPMENT: Equipment type used:

Data file: CIV\_Fertilizer-Cocoa

### Overview

Valid: 394 Invalid: 0

Type: Discrete Width: 61 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Hand operated sprayers (e.g. knapsack)		1	0.3%
Hand operated sprayers (e.g. knapsack),Motorized boom sprayer		1	0.3%
Motorized boom sprayer		392	99.5%

**ID: ID****Data file: CIV\_CropProtection-Cocoa****Overview**

Valid: 777    Invalid: 0

Type: Discrete    Width: 8    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
171239_0		1	0.1%
171531_0		1	0.1%
171863_0		1	0.1%
171863_1		1	0.1%
171864_0		1	0.1%
171864_1		1	0.1%
171865_0		1	0.1%
171865_1		1	0.1%
171866_0		1	0.1%
171866_1		1	0.1%
171867_0		1	0.1%
171867_1		1	0.1%
171868_0		1	0.1%
171868_1		1	0.1%
171869_0		1	0.1%
171869_1		1	0.1%
171870_0		1	0.1%
171870_1		1	0.1%
171871_0		1	0.1%
171871_1		1	0.1%
171872_0		1	0.1%
171872_1		1	0.1%
171873_0		1	0.1%
171873_1		1	0.1%
171874_0		1	0.1%
171874_1		1	0.1%
171875_0		1	0.1%
171875_1		1	0.1%
171876_0		1	0.1%
171876_1		1	0.1%

171877_0		1	0.1%
171877_1		1	0.1%
171878_0		1	0.1%
171878_1		1	0.1%
171879_0		1	0.1%
171879_1		1	0.1%
171880_0		1	0.1%
171880_1		1	0.1%
171881_0		1	0.1%
171881_1		1	0.1%
171882_0		1	0.1%
171882_1		1	0.1%
171883_0		1	0.1%
171883_1		1	0.1%
171884_0		1	0.1%
171884_1		1	0.1%
171885_0		1	0.1%
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172199_1		1	0.1%
172200_0		1	0.1%

172200_1		1	0.1%
172201_0		1	0.1%
172201_1		1	0.1%
172202_0		1	0.1%
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## OWNER: Owner

Data file: CIV\_CropProtection-Cocoa

### Overview

Valid: 777 Invalid: 0

Type: Discrete Width: 6 Range: - Format: character

### Questions and instructions

#### CATEGORIES

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172119		2	0.3%
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172169		2	0.3%
172170		2	0.3%
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172239		2	0.3%
172240		2	0.3%
172241		2	0.3%
172242		2	0.3%
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172250		2	0.3%
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172278		2	0.3%
172279		2	0.3%
172280		2	0.3%
172281		2	0.3%

## **MATCHING\_ID: Pre-planting ID**

**Data file:** CIV\_CropProtection-Cocoa

### **Overview**

Valid: 194    Invalid: 0

Type: Discrete    Width: 6    Range: -    Format: character

### **Questions and instructions**

#### CATEGORIES

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171052		2	1%
171053		2	1%
171054		2	1%

171055		2	1%
171056		2	1%
171057		2	1%
171058		2	1%
171059		2	1%
171060		2	1%
171061		2	1%
171062		2	1%
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171072		2	1%
171073		2	1%
171074		2	1%
171075		2	1%
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171111		2	1%
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171114		2	1%
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171117		2	1%
171118		2	1%
171119		1	0.5%
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171121		2	1%
171122		2	1%

171123		2	1%
171124		2	1%
171125		2	1%
171126		2	1%
171127		2	1%
171128		2	1%
171129		2	1%
171130		2	1%
171131		2	1%
171132		2	1%
171133		2	1%
171134		2	1%
171135		2	1%
171136		2	1%
171137		2	1%
171138		2	1%
171139		2	1%
171140		2	1%
171141		2	1%
171142		2	1%
171143		2	1%
171144		2	1%
171145		2	1%
171146		2	1%
171147		2	1%
171148		2	1%
171149		2	1%
171150		2	1%
171151		2	1%
171152		2	1%
171153		2	1%
171154		2	1%
171155		2	1%
171156		2	1%
171157		2	1%
171158		2	1%
171159		2	1%
171160		2	1%
171161		2	1%

171162		2	1%
171163		2	1%
171164		2	1%
171165		2	1%
171166		2	1%
171167		2	1%
171168		2	1%
171169		2	1%
171170		2	1%
171171		2	1%
171172		2	1%
171173		2	1%
171175		2	1%
171176		2	1%

## TIME\_APPLICATION: Timing of product application:

Data file: CIV\_CropProtection-Cocoa

### Overview

Valid: 777 Invalid: 0

Type: Discrete Width: 10 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1/1/2023		1	0.1%
1/10/2023		1	0.1%
1/11/2023		1	0.1%
1/13/2023		1	0.1%
1/14/2023		1	0.1%
1/15/2023		2	0.3%
1/16/2023		1	0.1%
1/17/2023		2	0.3%
1/18/2023		1	0.1%
1/19/2023		1	0.1%
1/2/2023		1	0.1%
1/20/2023		1	0.1%
1/21/2023		3	0.4%

1/22/2023		1	0.1%
1/23/2023		2	0.3%
1/24/2023		5	0.6%
1/25/2023		2	0.3%
1/26/2023		4	0.5%
1/28/2023		2	0.3%
1/3/2023		2	0.3%
1/4/2023		1	0.1%
1/5/2023		1	0.1%
1/7/2023		2	0.3%
1/8/2023		3	0.4%
10/1/2022		1	0.1%
10/10/2023		2	0.3%
10/11/2022		2	0.3%
10/11/2023		2	0.3%
10/12/2023		1	0.1%
10/13/2022		4	0.5%
10/13/2023		1	0.1%
10/14/2022		2	0.3%
10/14/2023		2	0.3%
10/15/2022		1	0.1%
10/15/2023		1	0.1%
10/16/2022		1	0.1%
10/16/2023		2	0.3%
10/17/2022		2	0.3%
10/17/2023		2	0.3%
10/18/2022		2	0.3%
10/18/2023		2	0.3%
10/2/2023		1	0.1%
10/20/2022		1	0.1%
10/21/2022		2	0.3%
10/22/2022		2	0.3%
10/22/2023		4	0.5%
10/23/2022		4	0.5%
10/23/2023		1	0.1%
10/24/2022		3	0.4%
10/24/2023		1	0.1%
10/25/2023		1	0.1%
10/26/2023		4	0.5%

10/27/2022		3	0.4%
10/27/2023		1	0.1%
10/28/2022		4	0.5%
10/29/2022		3	0.4%
10/29/2023		1	0.1%
10/3/2022		1	0.1%
10/3/2023		1	0.1%
10/30/2023		1	0.1%
10/31/2023		1	0.1%
10/4/2022		1	0.1%
10/4/2023		3	0.4%
10/5/2022		2	0.3%
10/5/2023		2	0.3%
10/6/2022		2	0.3%
10/6/2023		3	0.4%
10/7/2022		1	0.1%
10/7/2023		2	0.3%
10/8/2023		3	0.4%
10/9/2023		1	0.1%
11/1/2023		2	0.3%
11/10/2022		1	0.1%
11/10/2023		1	0.1%
11/11/2022		2	0.3%
11/11/2023		4	0.5%
11/12/2023		1	0.1%
11/13/2022		1	0.1%
11/14/2022		1	0.1%
11/14/2023		1	0.1%
11/15/2022		3	0.4%
11/15/2023		1	0.1%
11/17/2022		2	0.3%
11/17/2023		3	0.4%
11/19/2022		2	0.3%
11/19/2023		1	0.1%
11/20/2022		2	0.3%
11/20/2023		2	0.3%
11/21/2023		3	0.4%
11/22/2022		4	0.5%
11/22/2023		1	0.1%

11/23/2022		2	0.3%
11/23/2023		1	0.1%
11/24/2022		2	0.3%
11/25/2022		1	0.1%
11/27/2022		4	0.5%
11/27/2023		1	0.1%
11/28/2022		1	0.1%
11/28/2023		1	0.1%
11/3/2022		3	0.4%
11/3/2023		1	0.1%
11/30/2022		3	0.4%
11/30/2023		3	0.4%
11/5/2022		2	0.3%
11/5/2023		2	0.3%
11/6/2022		1	0.1%
11/6/2023		2	0.3%
11/7/2022		2	0.3%
11/7/2023		2	0.3%
11/8/2022		3	0.4%
11/9/2022		2	0.3%
11/9/2023		2	0.3%
12/1/2022		1	0.1%
12/1/2023		1	0.1%
12/10/2022		3	0.4%
12/10/2023		2	0.3%
12/11/2022		1	0.1%
12/11/2023		1	0.1%
12/12/2023		2	0.3%
12/13/2022		2	0.3%
12/13/2023		1	0.1%
12/14/2022		1	0.1%
12/15/2023		4	0.5%
12/18/2022		2	0.3%
12/18/2023		1	0.1%
12/2/2022		1	0.1%
12/2/2023		2	0.3%
12/20/2022		1	0.1%
12/20/2023		3	0.4%
12/21/2023		1	0.1%

12/22/2022		1	0.1%
12/22/2023		2	0.3%
12/23/2022		3	0.4%
12/23/2023		1	0.1%
12/24/2023		1	0.1%
12/27/2022		2	0.3%
12/27/2023		1	0.1%
12/28/2022		2	0.3%
12/28/2023		2	0.3%
12/29/2023		2	0.3%
12/31/2022		3	0.4%
12/4/2023		2	0.3%
12/5/2022		1	0.1%
12/6/2023		4	0.5%
12/7/2022		1	0.1%
12/7/2023		2	0.3%
12/8/2022		2	0.3%
12/8/2023		1	0.1%
12/9/2022		2	0.3%
2/1/2023		1	0.1%
2/10/2023		1	0.1%
2/12/2023		3	0.4%
2/13/2023		4	0.5%
2/14/2023		1	0.1%
2/15/2023		1	0.1%
2/16/2023		1	0.1%
2/19/2023		2	0.3%
2/20/2023		1	0.1%
2/21/2023		2	0.3%
2/22/2023		1	0.1%
2/25/2023		2	0.3%
2/26/2023		1	0.1%
2/27/2023		1	0.1%
2/28/2023		1	0.1%
2/3/2023		1	0.1%
2/4/2023		1	0.1%
2/5/2023		2	0.3%
2/6/2023		2	0.3%
2/7/2023		2	0.3%

2/8/2023		4	0.5%
2/9/2023		1	0.1%
3/1/2023		2	0.3%
3/10/2023		2	0.3%
3/11/2023		1	0.1%
3/12/2023		3	0.4%
3/13/2023		3	0.4%
3/14/2023		2	0.3%
3/15/2023		1	0.1%
3/16/2023		1	0.1%
3/18/2023		2	0.3%
3/19/2023		3	0.4%
3/2/2023		4	0.5%
3/20/2023		1	0.1%
3/21/2023		2	0.3%
3/22/2023		1	0.1%
3/23/2023		1	0.1%
3/25/2023		1	0.1%
3/26/2023		3	0.4%
3/28/2023		1	0.1%
3/3/2023		2	0.3%
3/31/2023		2	0.3%
3/4/2023		3	0.4%
3/5/2023		2	0.3%
3/7/2023		2	0.3%
3/9/2023		3	0.4%
4/10/2023		1	0.1%
4/11/2023		1	0.1%
4/13/2023		3	0.4%
4/14/2023		2	0.3%
4/15/2023		1	0.1%
4/16/2023		2	0.3%
4/17/2023		2	0.3%
4/18/2023		1	0.1%
4/2/2023		4	0.5%
4/21/2023		3	0.4%
4/24/2023		2	0.3%
4/26/2023		1	0.1%
4/27/2023		2	0.3%

4/3/2023		2	0.3%
4/30/2022		3	0.4%
4/30/2023		6	0.8%
4/4/2023		2	0.3%
4/7/2023		2	0.3%
4/9/2023		1	0.1%
5/1/2022		1	0.1%
5/1/2023		2	0.3%
5/10/2022		1	0.1%
5/11/2022		2	0.3%
5/11/2023		2	0.3%
5/12/2023		1	0.1%
5/13/2022		2	0.3%
5/13/2023		2	0.3%
5/14/2022		2	0.3%
5/14/2023		1	0.1%
5/16/2022		1	0.1%
5/18/2022		2	0.3%
5/18/2023		1	0.1%
5/19/2023		1	0.1%
5/2/2022		1	0.1%
5/20/2022		3	0.4%
5/20/2023		2	0.3%
5/21/2023		1	0.1%
5/22/2023		1	0.1%
5/23/2023		1	0.1%
5/24/2022		2	0.3%
5/24/2023		1	0.1%
5/25/2023		1	0.1%
5/26/2022		3	0.4%
5/26/2023		1	0.1%
5/27/2023		2	0.3%
5/28/2023		2	0.3%
5/29/2022		2	0.3%
5/3/2022		1	0.1%
5/3/2023		3	0.4%
5/30/2023		3	0.4%
5/31/2023		2	0.3%
5/4/2022		1	0.1%

5/4/2023		2	0.3%
5/5/2023		1	0.1%
5/6/2022		3	0.4%
5/6/2023		1	0.1%
5/8/2022		2	0.3%
5/9/2022		2	0.3%
5/9/2023		2	0.3%
6/1/2022		2	0.3%
6/1/2023		1	0.1%
6/10/2022		2	0.3%
6/11/2022		1	0.1%
6/12/2022		1	0.1%
6/12/2023		2	0.3%
6/13/2022		1	0.1%
6/13/2023		2	0.3%
6/14/2022		2	0.3%
6/14/2023		1	0.1%
6/15/2022		3	0.4%
6/15/2023		1	0.1%
6/16/2022		3	0.4%
6/17/2023		1	0.1%
6/18/2023		2	0.3%
6/19/2022		1	0.1%
6/19/2023		2	0.3%
6/2/2022		1	0.1%
6/2/2023		3	0.4%
6/20/2022		1	0.1%
6/20/2023		1	0.1%
6/21/2022		1	0.1%
6/22/2022		2	0.3%
6/22/2023		3	0.4%
6/23/2022		1	0.1%
6/24/2023		1	0.1%
6/25/2023		1	0.1%
6/26/2022		2	0.3%
6/26/2023		2	0.3%
6/27/2022		1	0.1%
6/27/2023		1	0.1%
6/28/2022		1	0.1%

6/29/2022		3	0.4%
6/29/2023		2	0.3%
6/3/2022		2	0.3%
6/3/2023		1	0.1%
6/30/2022		1	0.1%
6/4/2023		2	0.3%
6/7/2022		2	0.3%
6/7/2023		4	0.5%
6/8/2022		1	0.1%
6/8/2023		1	0.1%
6/9/2022		2	0.3%
6/9/2023		1	0.1%
7/1/2022		2	0.3%
7/1/2023		1	0.1%
7/10/2022		1	0.1%
7/10/2023		1	0.1%
7/11/2022		1	0.1%
7/11/2023		3	0.4%
7/12/2023		1	0.1%
7/13/2022		1	0.1%
7/13/2023		1	0.1%
7/14/2023		1	0.1%
7/15/2022		4	0.5%
7/15/2023		2	0.3%
7/16/2022		1	0.1%
7/16/2023		1	0.1%
7/17/2022		4	0.5%
7/18/2022		1	0.1%
7/19/2022		2	0.3%
7/19/2023		4	0.5%
7/2/2023		3	0.4%
7/20/2023		1	0.1%
7/21/2022		2	0.3%
7/21/2023		1	0.1%
7/22/2022		2	0.3%
7/22/2023		2	0.3%
7/23/2022		1	0.1%
7/23/2023		3	0.4%
7/24/2022		1	0.1%

7/25/2023		1	0.1%
7/26/2022		3	0.4%
7/26/2023		5	0.6%
7/27/2022		2	0.3%
7/27/2023		1	0.1%
7/28/2022		3	0.4%
7/29/2022		1	0.1%
7/3/2022		2	0.3%
7/3/2023		2	0.3%
7/31/2022		1	0.1%
7/31/2023		3	0.4%
7/4/2023		2	0.3%
7/5/2022		1	0.1%
7/6/2022		1	0.1%
7/6/2023		3	0.4%
7/7/2022		3	0.4%
7/7/2023		2	0.3%
7/8/2023		2	0.3%
7/9/2023		3	0.4%
8/1/2022		1	0.1%
8/1/2023		1	0.1%
8/10/2022		1	0.1%
8/11/2023		1	0.1%
8/12/2022		1	0.1%
8/13/2022		2	0.3%
8/13/2023		3	0.4%
8/14/2023		2	0.3%
8/15/2022		1	0.1%
8/15/2023		1	0.1%
8/16/2022		2	0.3%
8/16/2023		2	0.3%
8/17/2022		4	0.5%
8/18/2022		2	0.3%
8/18/2023		1	0.1%
8/2/2022		4	0.5%
8/22/2022		1	0.1%
8/22/2023		2	0.3%
8/24/2022		3	0.4%
8/24/2023		1	0.1%

8/25/2023		2	0.3%
8/26/2022		2	0.3%
8/26/2023		1	0.1%
8/27/2022		2	0.3%
8/27/2023		1	0.1%
8/28/2022		4	0.5%
8/28/2023		1	0.1%
8/29/2023		2	0.3%
8/3/2022		3	0.4%
8/30/2022		3	0.4%
8/30/2023		4	0.5%
8/31/2022		2	0.3%
8/4/2022		1	0.1%
8/5/2023		1	0.1%
8/6/2023		2	0.3%
8/7/2022		5	0.6%
8/7/2023		1	0.1%
8/8/2022		3	0.4%
8/8/2023		1	0.1%
8/9/2022		2	0.3%
9/1/2023		3	0.4%
9/10/2022		2	0.3%
9/11/2022		1	0.1%
9/11/2023		2	0.3%
9/12/2023		2	0.3%
9/13/2022		2	0.3%
9/14/2022		2	0.3%
9/15/2022		1	0.1%
9/16/2022		1	0.1%
9/18/2023		2	0.3%
9/2/2022		1	0.1%
9/2/2023		1	0.1%
9/20/2022		2	0.3%
9/20/2023		1	0.1%
9/21/2023		1	0.1%
9/22/2022		1	0.1%
9/22/2023		2	0.3%
9/23/2022		3	0.4%
9/23/2023		2	0.3%

9/24/2022		2	0.3%
9/25/2022		1	0.1%
9/25/2023		3	0.4%
9/26/2022		5	0.6%
9/26/2023		2	0.3%
9/27/2022		1	0.1%
9/27/2023		1	0.1%
9/28/2022		1	0.1%
9/28/2023		1	0.1%
9/29/2022		1	0.1%
9/29/2023		1	0.1%
9/3/2022		3	0.4%
9/3/2023		4	0.5%
9/30/2022		2	0.3%
9/30/2023		1	0.1%
9/4/2023		1	0.1%
9/5/2022		1	0.1%
9/6/2022		1	0.1%
9/6/2023		2	0.3%
9/7/2022		1	0.1%
9/7/2023		2	0.3%

## BRAND\_NAME: Brand Name

Data file: CIV\_CropProtection-Cocoa

### Overview

Valid: 777 Invalid: 0

Type: Discrete Width: 11 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Fungicide		391	50.3%
Herbicide		2	0.3%
Insecticide		384	49.4%

**PRODUCT\_TYPE: Type of product:****Data file: CIV\_CropProtection-Cocoa****Overview**

Valid: 777    Invalid: 0

Type: Discrete    Width: 24    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
AF Confidence		20	2.6%
Acati Power		15	1.9%
Acetastar		12	1.5%
Actara 240 SC		20	2.6%
Agro Comment 72WP		28	3.6%
Akate Master		14	1.8%
Akate Star 3 EC		7	0.9%
Banjo Forte 400 SC		23	3%
Buffalo Super 4EWTM		16	2.1%
Callifan Super		25	3.2%
Capsiprid		15	1.9%
Champion		23	3%
Confidor OD		15	1.9%
Copper Nordox 75WG		27	3.5%
D Lion Akate Global 4000		14	1.8%
Delco 75WP		19	2.4%
Fantic		24	3.1%
Forum R		29	3.7%
Fungikill 50WP		26	3.3%
Funguran-OH		26	3.3%
Galil 300		16	2.1%
Kocide 2000 DF		27	3.5%
LUFUTM		14	1.8%
Metalm 72WP		23	3%
Miricon EC 900		15	1.9%
Nomax 150 SC		19	2.4%
Pridapod		17	2.2%
Pyrethrum 5 EW		24	3.1%
Regent 200 SC		14	1.8%
Ridomil Gold 66 WP		27	3.5%

Royal Cop 50WP		29	3.7%
Sidalco Defender		32	4.1%
Thodan SuperTM		15	1.9%
Trebon 30 EC		25	3.2%
Vamos 500SC		28	3.6%
Viper Super 80		16	2.1%
Volian Flexi		25	3.2%
XDE		13	1.7%

### UNIT: Unit of quantity:

Data file: CIV\_CropProtection-Cocoa

#### Overview

Valid: 777 Invalid: 0

Type: Discrete Width: 13 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
gram/ha		308	39.6%
millilitre/ha		469	60.4%

### DOSAGE: Dosage:

Data file: CIV\_CropProtection-Cocoa

#### Overview

Valid: 777 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
100		104	13.4%
1000		20	2.6%
150		15	1.9%
2000		107	13.8%
260		19	2.4%
270		14	1.8%

300		25	3.2%
3000		119	15.3%
330		15	1.9%
35		1	0.1%
400		24	3.1%
4000		165	21.2%
490		16	2.1%
500		14	1.8%
520		16	2.1%
550		15	1.9%
600		25	3.2%
65		29	3.7%
85		34	4.4%

### TARGET: Pest/disease/weed targeted:

Data file: CIV\_CropProtection-Cocoa

#### Overview

Valid: 777 Invalid: 0

Type: Discrete Width: 24 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Helopeltis and black pod		386	49.7%
Phytophthora		391	50.3%

### EQUIPMENT: Equipment type used:

Data file: CIV\_CropProtection-Cocoa

#### Overview

Valid: 777 Invalid: 0

Type: Discrete Width: 61 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Hand operated sprayers (e.g. knapsack)		2	0.3%

Hand operated sprayers (e.g. knapsack),Motorized boom sprayer		1	0.1%
Motorized boom sprayer		774	99.6%

**ID: ID****Data file: CIV\_PrePlanting-Cocoa****Overview**

Valid: 398    Invalid: 0

Type: Discrete    Width: 6    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
162128		1	0.3%
162129		1	0.3%
162130		1	0.3%
162131		1	0.3%
162132		1	0.3%
162133		1	0.3%
162134		1	0.3%
162135		1	0.3%
162136		1	0.3%
162137		1	0.3%
162138		1	0.3%
162139		1	0.3%
162140		1	0.3%
162141		1	0.3%
162142		1	0.3%
162166		1	0.3%
162167		1	0.3%
162813		1	0.3%
162814		1	0.3%
162815		1	0.3%
162816		1	0.3%
162817		1	0.3%
162818		1	0.3%
162819		1	0.3%
162820		1	0.3%
162821		1	0.3%
162822		1	0.3%
162823		1	0.3%
162824		1	0.3%
162825		1	0.3%

162832		1	0.3%
162833		1	0.3%
162834		1	0.3%
162835		1	0.3%
162836		1	0.3%
162837		1	0.3%
162838		1	0.3%
162839		1	0.3%
162840		1	0.3%
162841		1	0.3%
162842		1	0.3%
162843		1	0.3%
162844		1	0.3%
162845		1	0.3%
162846		1	0.3%
162868		1	0.3%
162869		1	0.3%
162870		1	0.3%
162871		1	0.3%
162872		1	0.3%
162873		1	0.3%
162874		1	0.3%
162875		1	0.3%
162876		1	0.3%
162877		1	0.3%
162984		1	0.3%
162985		1	0.3%
162986		1	0.3%
162987		1	0.3%
162988		1	0.3%
162989		1	0.3%
162990		1	0.3%
162991		1	0.3%
162992		1	0.3%
162993		1	0.3%
162994		1	0.3%
162995		1	0.3%
162996		1	0.3%
163061		1	0.3%

163062		1	0.3%
163063		1	0.3%
163064		1	0.3%
163065		1	0.3%
163066		1	0.3%
163067		1	0.3%
163068		1	0.3%
163069		1	0.3%
163070		1	0.3%
163071		1	0.3%
163072		1	0.3%
163073		1	0.3%
169644		1	0.3%
169646		1	0.3%
169647		1	0.3%
169648		1	0.3%
169649		1	0.3%
169650		1	0.3%
169651		1	0.3%
169652		1	0.3%
169653		1	0.3%
169654		1	0.3%
169655		1	0.3%
169656		1	0.3%
169657		1	0.3%
169658		1	0.3%
169659		1	0.3%
169660		1	0.3%
169661		1	0.3%
169662		1	0.3%
169669		1	0.3%
169670		1	0.3%
169671		1	0.3%
169672		1	0.3%
169673		1	0.3%
169674		1	0.3%
169676		1	0.3%
169677		1	0.3%
169678		1	0.3%

169679		1	0.3%
169680		1	0.3%
169681		1	0.3%
169690		1	0.3%
169691		1	0.3%
169692		1	0.3%
169693		1	0.3%
169694		1	0.3%
169695		1	0.3%
169696		1	0.3%
169698		1	0.3%
169699		1	0.3%
169700		1	0.3%
169701		1	0.3%
169702		1	0.3%
169703		1	0.3%
169704		1	0.3%
169705		1	0.3%
169706		1	0.3%
169707		1	0.3%
169708		1	0.3%
169709		1	0.3%
169710		1	0.3%
169711		1	0.3%
169712		1	0.3%
169713		1	0.3%
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169747		1	0.3%
169748		1	0.3%
169749		1	0.3%
169750		1	0.3%
169751		1	0.3%
169752		1	0.3%
169753		1	0.3%
169754		1	0.3%
169755		1	0.3%
169756		1	0.3%
169757		1	0.3%
169760		1	0.3%
169761		1	0.3%
169762		1	0.3%
169763		1	0.3%
169764		1	0.3%
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169767		1	0.3%
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169770		1	0.3%
169771		1	0.3%
169772		1	0.3%
169773		1	0.3%
169774		1	0.3%
169775		1	0.3%
169776		1	0.3%
169777		1	0.3%
169778		1	0.3%
169779		1	0.3%
169780		1	0.3%
169781		1	0.3%
169782		1	0.3%
169783		1	0.3%
169784		1	0.3%
169803		1	0.3%
169804		1	0.3%
169805		1	0.3%
169806		1	0.3%
169807		1	0.3%
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169809		1	0.3%
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169840		1	0.3%
169841		1	0.3%
169842		1	0.3%
169843		1	0.3%
169844		1	0.3%
169845		1	0.3%
169846		1	0.3%
169847		1	0.3%
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169851		1	0.3%
169852		1	0.3%
169853		1	0.3%
169854		1	0.3%
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169856		1	0.3%
169857		1	0.3%
169858		1	0.3%
169859		1	0.3%
169860		1	0.3%
169861		1	0.3%
169862		1	0.3%
169863		1	0.3%
169864		1	0.3%
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169867		1	0.3%
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169870		1	0.3%
169871		1	0.3%
169872		1	0.3%
169873		1	0.3%
169874		1	0.3%
169875		1	0.3%
169876		1	0.3%
169877		1	0.3%
169878		1	0.3%
169879		1	0.3%
169880		1	0.3%
169881		1	0.3%
169882		1	0.3%
169883		1	0.3%
169884		1	0.3%
169885		1	0.3%
169886		1	0.3%
169887		1	0.3%
169888		1	0.3%
169889		1	0.3%
169890		1	0.3%
169891		1	0.3%
169892		1	0.3%
169893		1	0.3%
169894		1	0.3%
169895		1	0.3%
169896		1	0.3%
169897		1	0.3%
169898		1	0.3%
169899		1	0.3%
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169902		1	0.3%
171048		1	0.3%
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171073		1	0.3%
171074		1	0.3%
171075		1	0.3%
171104		1	0.3%
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171106		1	0.3%
171107		1	0.3%
171108		1	0.3%
171109		1	0.3%
171110		1	0.3%
171111		1	0.3%
171112		1	0.3%
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171118		1	0.3%
171119		1	0.3%

171120		1	0.3%
171121		1	0.3%
171122		1	0.3%
171123		1	0.3%
171124		1	0.3%
171125		1	0.3%
171126		1	0.3%
171127		1	0.3%
171128		1	0.3%
171129		1	0.3%
171130		1	0.3%
171131		1	0.3%
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171162		1	0.3%
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171167		1	0.3%
171168		1	0.3%
171169		1	0.3%
171170		1	0.3%
171171		1	0.3%
171172		1	0.3%
171173		1	0.3%
171175		1	0.3%
171176		1	0.3%

## **SURVEY\_DATE: Backend information Date of survey captured**

**Data file:** CIV\_PrePlanting-Cocoa

### **Overview**

Valid: 398    Invalid: 0

Type: Discrete    Width: 10    Range: -    Format: character

### **Questions and instructions**

#### CATEGORIES

Value	Category	Cases	
1/8/2024		66	16.6%
1/9/2024		32	8%
11/16/1994		1	0.3%
12/10/2022		15	3.8%
12/11/2022		2	0.5%
12/26/2023		2	0.5%
12/27/2023		93	23.4%
12/28/2023		52	13.1%
12/29/2023		32	8%
12/30/2023		39	9.8%

3/17/2023		13	3.3%
3/27/2023		13	3.3%
3/6/2023		13	3.3%
3/7/2023		15	3.8%
3/8/2023		4	1%
3/9/2023		6	1.5%

## COUNTRY: Backend information Country

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 398 Invalid: 0

Type: Discrete Width: 11 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Ivory Coast		398	100%

## REF\_BENCHMARK: Backend information Reference Farm or Benchmark Farm?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 398 Invalid: 0

Type: Discrete Width: 14 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Benchmark farm		396	99.5%
Reference farm		2	0.5%

## OFFER: Onboarding GDPR Are we allowed to get back in touch with you for potential interesting commercial offers you might be interested in (based on your answers)?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 398 Invalid: 0

Type: Discrete    Width: 3    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		2	0.5%
Yes		396	99.5%

## ADDRESS: Onboarding Famer Basics where you live

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 398    Invalid: 0

Type: Discrete    Width: 18    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Abidjan		2	0.5%
Bas-Sassandra		10	2.5%
Comoe		4	1%
Denguele		1	0.3%
Goh-Djiboua		49	12.3%
Montagnes		133	33.4%
Sassandra-Marahoue		118	29.6%
Savanes		23	5.8%
Vallee du Bandama		16	4%
Woroba		2	0.5%
Yamoussoukro		39	9.8%
Zanzan		1	0.3%

## OWNER\_GENDER: Onboarding Famer Basics Gender of farm owner

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 398    Invalid: 0

Type: Discrete    Width: 6    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Female		12	3%
Male		386	97%

## **FULLTIME: Onboarding Famer Basics Are you a full-time or part-time farmer?**

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 398 Invalid: 0

Type: Discrete Width: 87 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
I am a full-time grower (no other activities generating income apart from farming)		229	57.5%
I am a part-time grower (having other activities generating income, like teaching, â€¦)		16	4%
Other		153	38.4%

## **CROP: Onboarding Famer Basics Select the crop you are surveying**

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 398 Invalid: 0

Type: Discrete Width: 5 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Cocoa		398	100%

## **MEMBER: Onboarding Famer Basics Are you a member of a producer group, association or cooperative for ?**

Data file: CIV\_PrePlanting-Cocoa

## Overview

Valid: 398 Invalid: 0  
 Type: Discrete Width: 3 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		239	60.1%
Yes		159	39.9%

## **CROP\_SIZE\_UNIT: Screening Famer Basics Do you measure your land in acres or in hectares?**

Data file: CIV\_PrePlanting-Cocoa

## Overview

Valid: 398 Invalid: 0  
 Type: Discrete Width: 8 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Hectares		398	100%

## **CROP\_SIZE: Screening Famer Basics How many acres have you planted the crop?**

Data file: CIV\_PrePlanting-Cocoa

## Overview

Valid: 398 Invalid: 0  
 Type: Discrete Width: 18 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		5	1.3%
1.100000000000000001		1	0.3%
10		33	8.3%
11		9	2.3%
12		43	10.8%
13		13	3.3%

14		17	4.3%
15		23	5.8%
16		1	0.3%
18		1	0.3%
2		25	6.3%
2.2000000000000002		2	0.5%
2.2999999999999998		1	0.3%
2.4		1	0.3%
20		2	0.5%
3		35	8.8%
3.1		1	0.3%
3.3		2	0.5%
3.5		1	0.3%
3.9		1	0.3%
36		1	0.3%
4		40	10.1%
4.5999999999999996		2	0.5%
4.7		1	0.3%
5		35	8.8%
5.4		1	0.3%
5.9		1	0.3%
6		33	8.3%
6.8		1	0.3%
7		17	4.3%
8		24	6%
9		25	6.3%

## CROP\_PROGRAM: Screening Famer Basics Did you receive any crop program for your to implement this season?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 398

Type: Discrete Width: 131 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
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1) I received a complete crop program (this includes recommendations on seeds, CP, and application times and/or dosages)		9	2.3%
2) I received some recommendations but not a complete program (for example recommendations on seeds or CP or application times â€¦)		6	1.5%
3) I did not receive any kind of crop program and/or recommendations		175	44%
4) Don't know		208	52.3%

## PROGRAM\_FROM: Screening Famer Basics From whom did you receive the crop program or recommendations?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 17 Invalid: 0

Type: Discrete Width: 39 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Another manufacturer / representative		3	17.6%
Buyer for whom I produce under contract		1	5.9%
Cooperative		2	11.8%
Dealer or store		3	17.6%
Other		8	47.1%

## FOLLOW\_RECOMMENDATION: Screening Famer Basics Can you please indicate whether you will follow the recommended crop program or recommendations this season?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 15 Invalid: 0

Type: Discrete Width: 10 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Completely		4	26.7%
Don't know		5	33.3%
Not at all		1	6.7%
Partially		5	33.3%

## FINANCE: Screening Famer Basics Do you use any finance schemes to fund your farming activities?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 398 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		330	82.9%
Yes		68	17.1%

## SUSTAINABLE\_PRACTICE: Screening Farm Characteristics How familiar are you with sustainable agricultural practices?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 398 Invalid: 0

Type: Discrete Width: 56 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Don't know		17	4.3%
Don't know,Rather familiar		1	0.3%
Not so familiar		160	40.2%
Not so familiar,Don't know		3	0.8%
Not so familiar,Only heard of it by name		3	0.8%
Not so familiar,Rather familiar		1	0.3%
Not so familiar,Rather familiar,Only heard of it by name		1	0.3%
Only heard of it by name		20	5%
Only heard of it by name,Don't know		1	0.3%
Rather familiar		146	36.7%
Rather familiar,Don't know		2	0.5%
Rather familiar,Not so familiar		5	1.3%
Rather familiar,Not so familiar,Only heard of it by name		1	0.3%

Rather familiar,Very familiar		3	0.8%
Very familiar		19	4.8%
Very familiar,Don't know		2	0.5%
Very familiar,Not so familiar		1	0.3%
Very familiar,Not so familiar,Only heard of it by name		1	0.3%
Very familiar,Only heard of it by name		1	0.3%
Very familiar,Rather familiar		9	2.3%
Very familiar,Rather familiar,Not so familiar		1	0.3%

## EROSION\_WATER: Screening Environment Do you have signs of soil erosion by water on your farm?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 398 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		285	71.6%
Yes		113	28.4%

## EROSION\_WIND: Screening Environment Do you have signs of soil erosion by wind on your farm?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 398 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		313	78.6%
Yes		85	21.4%

## COVER\_CROP: Screening Environment Have you started growing a cover crop to manage soil health in the past 20 years on the growing area(s) for ?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 398 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		334	83.9%
Yes		64	16.1%

## SOIL\_TYPE: Screening Environment What is the soil type of growing area?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 398 Invalid: 0

Type: Discrete Width: 20 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Clay loam soil		45	11.3%
Clay soil		11	2.8%
Loam soil		29	7.3%
Loamy sand soil		17	4.3%
Other		36	9%
Sandy clay loam soil		33	8.3%
Sandy clay soil		23	5.8%
Sandy loam soil		30	7.5%
Sandy soil		12	3%
Silt loam soil		41	10.3%
Silt soil		18	4.5%
Silty clay loam soil		65	16.3%
Silty clay soil		38	9.5%

## SOIL\_TEST: Screening Environment Have you ever sampled your soil for nutrient testing on texture and other soil parameters?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 398 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		379	95.2%
Yes		19	4.8%

## SOIL\_TEST\_TIME: Screening Environment If you have analyzed your soil, when was the last time you did execute this?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 21 Invalid: 0

Type: Discrete Width: 19 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1 year ago		10	47.6%
2 years ago		3	14.3%
3 or more years ago		3	14.3%
This season		5	23.8%

## INTERCROPPING: Screening Behavior Do you practice intercropping (growing multiple crops on the same growing area in the same season) on each growing area for ?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 398 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		390	98%
Yes		8	2%

## INTERCROP\_CROPS: Screening Behavior Which main crops do you intercrop on each growing area with ?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 9 Invalid: 0

Type: Discrete Width: 35 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Banana		1	11.1%
Banana,Cocoa		1	11.1%
Banana,Cocoa,Coffee		1	11.1%
Banana,Cocoa,Coffee,Corn		1	11.1%
Banana,Cocoa,Coffee,Corn,Rice,Other		1	11.1%
Barley		1	11.1%
Barley,Bean,Cauliflower		1	11.1%
Cauliflower,Cocoa,Coffee		1	11.1%
Cocoa		1	11.1%

## MAIN\_INTERCROP: Screening Behavior Which other main crops do you intercrop on each growing area with ?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 8 Invalid: 0

Type: Discrete Width: 43 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Alfalfa/lucerna,Berries,Bitter melon		1	12.5%
Asparagus,Avocado,Berries		1	12.5%

Avocado,Grass		1	12.5%
Bitter melon		1	12.5%
Cabbage,Carrot,Cassava		1	12.5%
Carrot,Cassava,Citrus fruit (orange, lemon)		1	12.5%
Cassava		1	12.5%
Papaya		1	12.5%

## ROTATE: Screening Behavior Do you rotate crops on each growing area for ?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 398 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		395	99.2%
Yes		3	0.8%

## ROTATE\_CROP: Screening Behavior What crops are you cultivating in rotation on each growing area for?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 3 Invalid: 0

Type: Discrete Width: 43 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Apples,Banana,Bean,Cauliflower,Cocoa,Coffee		1	33.3%
Cocoa		1	33.3%
Cocoa,Coffee		1	33.3%

## ROTATE\_PREVIOUS: Screening Behavior In terms of rotation, what was the previous crop cultivated on each growing area for ?

Data file: CIV\_PrePlanting-Cocoa

## Overview

Valid: 3 Invalid: 0

Type: Discrete Width: 6 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Banana		2	66.7%
Bean		1	33.3%

**ADVICE\_FROM: Screening Knowledge Where else do you seek advice when deciding what and when to spray?**

Data file: CIV\_PrePlanting-Cocoa

## Overview

Valid: 398

Type: Discrete Width: 113 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
From Distributors/Retailers		13	3.3%
From Distributors/Retailers,From my farm observation		1	0.3%
From Distributors/Retailers,From neighbors		2	0.5%
From Distributors/Retailers,From neighbors,From technical advisors		1	0.3%
From Distributors/Retailers,From technical advisors,From my farm observation		2	0.5%
From Distributors/Retailers,Through alert systems " SMS, Whatsapp, Apps		2	0.5%
From my farm observation		133	33.4%
From my farm observation,From Distributors/Retailers		8	2%
From my farm observation,From Distributors/Retailers,From neighbors		2	0.5%
From my farm observation,From Distributors/Retailers,Through alert systems " SMS, Whatsapp, Apps,From neighbors		1	0.3%
From my farm observation,From neighbors		35	8.8%
From my farm observation,From neighbors,From Distributors/Retailers		1	0.3%
From my farm observation,From neighbors,From technical advisors		1	0.3%
From my farm observation,From technical advisors		36	9%
From my farm observation,From technical advisors,From neighbors		9	2.3%
From my farm observation,From technical advisors,From neighbors,From Distributors/Retailers		1	0.3%

From my farm observation,Through alert systems " SMS, Whatsapp, Apps	3	0.8%
From neighbors	48	12.1%
From neighbors,From Distributors/Retailers	28	7%
From neighbors,From Distributors/Retailers,Through alert systems " SMS, Whatsapp, Apps	1	0.3%
From neighbors,From my farm observation	12	3%
From neighbors,From my farm observation,From technical advisors	1	0.3%
From neighbors,From my farm observation,Through alert systems " SMS, Whatsapp, Apps	1	0.3%
From neighbors,Through alert systems " SMS, Whatsapp, Apps	6	1.5%
From neighbors,Through alert systems " SMS, Whatsapp, Apps,From Distributors/Retailers	1	0.3%
From technical advisors	8	2%
From technical advisors,From Distributors/Retailers	1	0.3%
From technical advisors,From my farm observation	15	3.8%
From technical advisors,From my farm observation,From Distributors/Retailers	2	0.5%
From technical advisors,From neighbors	3	0.8%
From technical advisors,From neighbors,From Distributors/Retailers	2	0.5%
From technical advisors,From neighbors,From my farm observation	1	0.3%
From technical advisors,From neighbors,Through alert systems " SMS, Whatsapp, Apps	1	0.3%
Through alert systems " SMS, Whatsapp, Apps	14	3.5%
Through alert systems " SMS, Whatsapp, Apps,From my farm observation	1	0.3%
Through alert systems " SMS, Whatsapp, Apps,From neighbors,From Distributors/Retailers	1	0.3%

### ATTENDED\_TRAINING: Screening Knowledge Have you attended a training or farmers meeting on crop growing and/or agricultural practices in the past 2 years?

Data file: CIV\_PrePlanting-Cocoa

#### Overview

Valid: 398 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		357	89.7%
Yes		41	10.3%

### SAFE\_USE: Screening Knowledge During the training/farmers meeting, did they talk at least 15 minutes about safe-use practices related to crop protection products, fertilizers etcâ€?

Data file: CIV\_PrePlanting-Cocoa

## Overview

Valid: 43 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		15	34.9%
Yes		28	65.1%

## TO\_LEARN: Screening Knowledge What else would you like to learn, to improve your farming?

Data file: CIV\_PrePlanting-Cocoa

## Overview

Valid: 398

Type: Discrete Width: 255 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Best crop rotation for my farm		2	0.5%
Best crop rotation for my farm,What variety of crop should I grow?		4	1%
Best way to apply the product (nozzle selection, water rates etc.)		4	1%
Best way to apply the product (nozzle selection, water rates etc.),Best crop rotation for my farm		1	0.3%
Best way to apply the product (nozzle selection, water rates etc.),Best crop rotation for my farm,What variety of crop should I grow?		1	0.3%
Best way to apply the product (nozzle selection, water rates etc.),Mitigation measures to protect pollinating insects		4	1%
Best way to apply the product (nozzle selection, water rates etc.),Mitigation measures to protect pollinating insects,Best crop rotation for my farm		2	0.5%
Best way to apply the product (nozzle selection, water rates etc.),Mitigation measures to protect pollinating insects,Soil Management Practices (Cultivation & Fertilizer)		8	2%
Best way to apply the product (nozzle selection, water rates etc.),Mitigation measures to protect pollinating insects,Soil Management Practices (Cultivation & Fertilizer),Best crop rotation for my farm		1	0.3%
Best way to apply the product (nozzle selection, water rates etc.),Mitigation measures to protect pollinating insects,What to do with the surplus of spray mixture left in the tank		26	6.5%
Best way to apply the product (nozzle selection, water rates etc.),Mitigation measures to protect pollinating insects,What to do with the surplus of spray mixture left in the tank,Best crop rotation for my farm		3	0.8%

Best way to apply the product (nozzle selection, water rates etc.),Mitigation measures to protect pollinating insects,What to do with the surplus of spray mixture left in the tank,Best crop rotation for my farm,What variety of crop should I grow?	1	0.3%
Best way to apply the product (nozzle selection, water rates etc.),Mitigation measures to protect pollinating insects,What to do with the surplus of spray mixture left in the tank,Soil Management Practices (Cultivation & Fertilizer)	5	1.3%
Best way to apply the product (nozzle selection, water rates etc.),Mitigation measures to protect pollinating insects,What to do with the surplus of spray mixture left in the tank,Soil Management Practices (Cultivation & Fertilizer),Best crop rotation for	1	0.3%
Best way to apply the product (nozzle selection, water rates etc.),Mitigation measures to protect pollinating insects,What to do with the surplus of spray mixture left in the tank,Soil Management Practices (Cultivation & Fertilizer),What variety of crop s	1	0.3%
Best way to apply the product (nozzle selection, water rates etc.),Soil Management Practices (Cultivation & Fertilizer)	3	0.8%
Best way to apply the product (nozzle selection, water rates etc.),Soil Management Practices (Cultivation & Fertilizer),Best crop rotation for my farm	1	0.3%
Best way to apply the product (nozzle selection, water rates etc.),What to do with the surplus of spray mixture left in the tank	8	2%
Best way to apply the product (nozzle selection, water rates etc.),What to do with the surplus of spray mixture left in the tank,Best crop rotation for my farm	5	1.3%
Best way to apply the product (nozzle selection, water rates etc.),What to do with the surplus of spray mixture left in the tank,Soil Management Practices (Cultivation & Fertilizer)	4	1%
Best way to apply the product (nozzle selection, water rates etc.),What to do with the surplus of spray mixture left in the tank,Soil Management Practices (Cultivation & Fertilizer),Best crop rotation for my farm	1	0.3%
Best way to apply the product (nozzle selection, water rates etc.),What to do with the surplus of spray mixture left in the tank,What variety of crop should I grow?	2	0.5%
How to do the correct dosing of a pesticide	2	0.5%
How to do the correct dosing of a pesticide,Best way to apply the product (nozzle selection, water rates etc.),Mitigation measures to protect pollinating insects	5	1.3%
How to do the correct dosing of a pesticide,Best way to apply the product (nozzle selection, water rates etc.),Soil Management Practices (Cultivation & Fertilizer)	1	0.3%
How to do the correct dosing of a pesticide,Best way to apply the product (nozzle selection, water rates etc.),What to do with the surplus of spray mixture left in the tank	4	1%
How to do the correct dosing of a pesticide,Best way to apply the product (nozzle selection, water rates etc.),What to do with the surplus of spray mixture left in the tank,Soil Management Practices (Cultivation & Fertilizer)	1	0.3%
How to do the correct dosing of a pesticide,Best way to apply the product (nozzle selection, water rates etc.),What variety of crop should I grow?	1	0.3%
How to do the correct dosing of a pesticide,Integrated Pest Management	12	3%
How to do the correct dosing of a pesticide,Integrated Pest Management,Best way to apply the product (nozzle selection, water rates etc.)	32	8%
How to do the correct dosing of a pesticide,Integrated Pest Management,Best way to apply the product (nozzle selection, water rates etc.),Mitigation measures to protect pollinating insects	4	1%
How to do the correct dosing of a pesticide,Integrated Pest Management,Best way to apply the product (nozzle selection, water rates etc.),Soil Management Practices (Cultivation & Fertilizer)	1	0.3%
How to do the correct dosing of a pesticide,Integrated Pest Management,Best way to apply the product (nozzle selection, water rates etc.),What to do with the surplus of spray mixture left in the tank	1	0.3%

How to do the correct dosing of a pesticide,Integrated Pest Management,Mitigation measures to protect pollinating insects	4	1%
How to do the correct dosing of a pesticide,Integrated Pest Management,What to do with the surplus of spray mixture left in the tank	1	0.3%
How to do the correct dosing of a pesticide,Mitigation measures to protect pollinating insects	1	0.3%
How to do the correct dosing of a pesticide,Mitigation measures to protect pollinating insects,Best crop rotation for my farm,What variety of crop should I grow?	1	0.3%
How to do the correct dosing of a pesticide,Mitigation measures to protect pollinating insects,Soil Management Practices (Cultivation & Fertilizer)	3	0.8%
How to do the correct dosing of a pesticide,Mitigation measures to protect pollinating insects,What to do with the surplus of spray mixture left in the tank	1	0.3%
How to do the correct dosing of a pesticide,Soil Management Practices (Cultivation & Fertilizer),What variety of crop should I grow?	1	0.3%
How to do the correct dosing of a pesticide,What to do with the surplus of spray mixture left in the tank	2	0.5%
How to do the correct dosing of a pesticide,What to do with the surplus of spray mixture left in the tank,Best crop rotation for my farm	1	0.3%
Integrated Pest Management	3	0.8%
Integrated Pest Management,Best crop rotation for my farm	1	0.3%
Integrated Pest Management,Best way to apply the product (nozzle selection, water rates etc.)	6	1.5%
Integrated Pest Management,Best way to apply the product (nozzle selection, water rates etc.),Mitigation measures to protect pollinating insects	34	8.5%
Integrated Pest Management,Best way to apply the product (nozzle selection, water rates etc.),Mitigation measures to protect pollinating insects,Soil Management Practices (Cultivation & Fertilizer)	1	0.3%
Integrated Pest Management,Best way to apply the product (nozzle selection, water rates etc.),Mitigation measures to protect pollinating insects,What to do with the surplus of spray mixture left in the tank	3	0.8%
Integrated Pest Management,Best way to apply the product (nozzle selection, water rates etc.),Mitigation measures to protect pollinating insects,What to do with the surplus of spray mixture left in the tank,Soil Management Practices (Cultivation & Fertilizer)	1	0.3%
Integrated Pest Management,Best way to apply the product (nozzle selection, water rates etc.),Soil Management Practices (Cultivation & Fertilizer)	4	1%
Integrated Pest Management,Best way to apply the product (nozzle selection, water rates etc.),What to do with the surplus of spray mixture left in the tank	13	3.3%
Integrated Pest Management,Best way to apply the product (nozzle selection, water rates etc.),What to do with the surplus of spray mixture left in the tank,Soil Management Practices (Cultivation & Fertilizer)	2	0.5%
Integrated Pest Management,Best way to apply the product (nozzle selection, water rates etc.),What variety of crop should I grow?	1	0.3%
Integrated Pest Management,Mitigation measures to protect pollinating insects	4	1%
Integrated Pest Management,Mitigation measures to protect pollinating insects,Best crop rotation for my farm	2	0.5%
Integrated Pest Management,Mitigation measures to protect pollinating insects,Soil Management Practices (Cultivation & Fertilizer)	5	1.3%
Integrated Pest Management,Mitigation measures to protect pollinating insects,Soil Management Practices (Cultivation & Fertilizer),Best crop rotation for my farm	1	0.3%
Integrated Pest Management,Mitigation measures to protect pollinating insects,What to do with the surplus of spray mixture left in the tank	11	2.8%

Integrated Pest Management,Mitigation measures to protect pollinating insects,What to do with the surplus of spray mixture left in the tank,Best crop rotation for my farm	1	0.3%
Integrated Pest Management,Mitigation measures to protect pollinating insects,What to do with the surplus of spray mixture left in the tank,Best crop rotation for my farm,What variety of crop should I grow?	1	0.3%
Integrated Pest Management,Mitigation measures to protect pollinating insects,What to do with the surplus of spray mixture left in the tank,Soil Management Practices (Cultivation & Fertilizer)	1	0.3%
Integrated Pest Management,Mitigation measures to protect pollinating insects,What to do with the surplus of spray mixture left in the tank,What variety of crop should I grow?	1	0.3%
Integrated Pest Management,What to do with the surplus of spray mixture left in the tank	1	0.3%
Integrated Pest Management,What to do with the surplus of spray mixture left in the tank,Best crop rotation for my farm	2	0.5%
Integrated Pest Management,What to do with the surplus of spray mixture left in the tank,Soil Management Practices (Cultivation & Fertilizer)	1	0.3%
Integrated Pest Management,What to do with the surplus of spray mixture left in the tank,Soil Management Practices (Cultivation & Fertilizer),What variety of crop should I grow?	1	0.3%
Integrated Pest Management,What to do with the surplus of spray mixture left in the tank,What variety of crop should I grow?	1	0.3%
Mitigation measures to protect pollinating insects	1	0.3%
Mitigation measures to protect pollinating insects,Best crop rotation for my farm	2	0.5%
Mitigation measures to protect pollinating insects,Soil Management Practices (Cultivation & Fertilizer)	7	1.8%
Mitigation measures to protect pollinating insects,Soil Management Practices (Cultivation & Fertilizer),Best crop rotation for my farm	7	1.8%
Mitigation measures to protect pollinating insects,Soil Management Practices (Cultivation & Fertilizer),What variety of crop should I grow?	2	0.5%
Mitigation measures to protect pollinating insects,What to do with the surplus of spray mixture left in the tank	4	1%
Mitigation measures to protect pollinating insects,What to do with the surplus of spray mixture left in the tank,Best crop rotation for my farm	7	1.8%
Mitigation measures to protect pollinating insects,What to do with the surplus of spray mixture left in the tank,Best crop rotation for my farm,What variety of crop should I grow?	1	0.3%
Mitigation measures to protect pollinating insects,What to do with the surplus of spray mixture left in the tank,Soil Management Practices (Cultivation & Fertilizer)	11	2.8%
Mitigation measures to protect pollinating insects,What to do with the surplus of spray mixture left in the tank,Soil Management Practices (Cultivation & Fertilizer),Best crop rotation for my farm	3	0.8%
Mitigation measures to protect pollinating insects,What to do with the surplus of spray mixture left in the tank,Soil Management Practices (Cultivation & Fertilizer),What variety of crop should I grow?	1	0.3%
Mitigation measures to protect pollinating insects,What variety of crop should I grow?	1	0.3%
Soil Management Practices (Cultivation & Fertilizer)	10	2.5%
Soil Management Practices (Cultivation & Fertilizer),Best crop rotation for my farm	4	1%
Soil Management Practices (Cultivation & Fertilizer),Best crop rotation for my farm,What variety of crop should I grow?	11	2.8%
Soil Management Practices (Cultivation & Fertilizer),What variety of crop should I grow?	4	1%
What to do with the surplus of spray mixture left in the tank	7	1.8%

What to do with the surplus of spray mixture left in the tank,Best crop rotation for my farm	2	0.5%
What to do with the surplus of spray mixture left in the tank,Best crop rotation for my farm,What variety of crop should I grow?	4	1%
What to do with the surplus of spray mixture left in the tank,Soil Management Practices (Cultivation & Fertilizer)	9	2.3%
What to do with the surplus of spray mixture left in the tank,Soil Management Practices (Cultivation & Fertilizer),Best crop rotation for my farm	18	4.5%
What to do with the surplus of spray mixture left in the tank,Soil Management Practices (Cultivation & Fertilizer),Best crop rotation for my farm,What variety of crop should I grow?	7	1.8%
What to do with the surplus of spray mixture left in the tank,Soil Management Practices (Cultivation & Fertilizer),What variety of crop should I grow?	4	1%
What to do with the surplus of spray mixture left in the tank,What variety of crop should I grow?	2	0.5%

### **LABEL\_INFO: Screening Knowledge Does the product label give you the information you need to get the best from the product?**

Data file: CIV\_PrePlanting-Cocoa

#### **Overview**

Valid: 398 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
No		176	44.2%
Yes		222	55.8%

### **EMPTY\_CONTAINER: Screening Knowledge What do you do with empty container of pesticides you use in your farm?**

Data file: CIV\_PrePlanting-Cocoa

#### **Overview**

Valid: 398 Invalid: 0

Type: Discrete Width: 85 Range: - Format: character

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
Buried		100	25.1%
Buried,Burnt		92	23.1%

Buried,Burnt,Other	2	0.5%
Buried,Burnt,Re-used them for other purposes	1	0.3%
Buried,Burnt,Stored and delivered to authorized collection schemes	2	0.5%
Buried,Other	3	0.8%
Buried,Re-used them for other purposes	1	0.3%
Buried,Re-used them for other purposes,Burnt	1	0.3%
Burnt	27	6.8%
Burnt,Buried	8	2%
Burnt,Buried,Other	1	0.3%
Burnt,Other	2	0.5%
Burnt,Re-used them for other purposes	2	0.5%
Burnt,Re-used them for other purposes,Other	1	0.3%
Other	49	12.3%
Other,Buried	1	0.3%
Other,Buried,Burnt	2	0.5%
Other,Re-used them for other purposes	6	1.5%
Re-used them for other purposes	62	15.6%
Re-used them for other purposes,Burnt,Buried	1	0.3%
Re-used them for other purposes,Other	26	6.5%
Re-used them for other purposes,Stored and delivered to authorized collection schemes	1	0.3%
Stored and delivered to authorized collection schemes	4	1%
Stored and delivered to authorized collection schemes,Buried,Burnt	1	0.3%
Stored and delivered to authorized collection schemes,Re-used them for other purposes	2	0.5%

## WHERE\_HELP: Screening Knowledge If you have an incident with a crop protection product, do you know where to go for help?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 398 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		275	69.1%
Yes		123	30.9%

## IF\_ACCIDENT: Screening Knowledge Has there ever been a crop protection usage accident on your farm that has impacted your health & safety or others?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 398 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		372	93.5%
Yes		26	6.5%

## ACCIDENT\_MEDICAL: Screening Knowledge Did the accident result in seeking a medical treatment?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 28 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		17	60.7%
Yes		11	39.3%

## FIELD\_PREPARATION: Screening Farming Practice When did the first field preparation start for each growing area of the field?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 1 Invalid: 0

Type: Discrete Width: 10 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
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12/12/1950		1	100%
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### SEED\_SOURCE: Screening Farming Practice From which source did you obtain your main seed variety?

Data file: CIV\_PrePlanting-Cocoa

#### Overview

Valid: 1 Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Local market		1	100%

### SEED\_COATED: Screening Farming Practice Are your seeds coated with crop protection products?

Data file: CIV\_PrePlanting-Cocoa

#### Overview

Valid: 1 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Yes		1	100%

### POLLINATION: Screening Farming Practice Can you please tell us what kind of pollination applies to your main seed variety?

Data file: CIV\_PrePlanting-Cocoa

#### Overview

Valid: 1 Invalid: 0

Type: Discrete Width: 5 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Other		1	100%

### SEED\_CHARACTERISTICS: Screening Farming Practice According to you, what are the three most important characteristics when selecting your main seed variety?

Data file: CIV\_PrePlanting-Cocoa

#### Overview

Valid: 1 Invalid: 0

Type: Discrete Width: 79 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Drought tolerance,High yielding,Specific quality attributes (e.g. taste, color)		1	100%

### FARM\_ACTIVITIES: Screening Farming Practice Please describe if you performed the following activities

Data file: CIV\_PrePlanting-Cocoa

#### Overview

Valid: 1

Type: Discrete Width: 187 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Clearing. Removing remains of the crop, e.g. stumps, stones or other obstacles.,Ploughing. Breaking and turning over the earth with a plow.,Digging. Loosening the earth or digging a hole.		1	100%

### POWER\_MACHINERY: Screening Farming Practice Did you use power-driven machinery for the activities?

Data file: CIV\_PrePlanting-Cocoa

#### Overview

Valid: 1 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Yes		1	100%

**COCOA: Screening TreeCrop specific** Could you please note down the variety that has been used for Cocoa?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 398 Invalid: 0

Type: Discrete Width: 10 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
ARRIBA		83	20.9%
Amenolado		89	22.4%
CRIOLLO		77	19.3%
FORASTERO		68	17.1%
TRINITARIO		81	20.4%

**YEAR\_PLANTING: Screening TreeCrop specific** What is the year of planting for this field/plantation area?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 398 Invalid: 0

Type: Discrete Width: 10 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1/1/1995		1	0.3%
1/1/2014		1	0.3%
1/1/2016		1	0.3%
1/10/2001		1	0.3%

1/12/1965		1	0.3%
1/16/1947		1	0.3%
1/16/1970		1	0.3%
1/16/1975		1	0.3%
1/17/1996		1	0.3%
1/18/1985		1	0.3%
1/19/1969		1	0.3%
1/2/1947		1	0.3%
1/2/1950		1	0.3%
1/2/1970		1	0.3%
1/2/1984		1	0.3%
1/2/1990		1	0.3%
1/2/1997		1	0.3%
1/2/1999		1	0.3%
1/25/2006		1	0.3%
1/25/2018		1	0.3%
1/3/2012		1	0.3%
1/4/2016		1	0.3%
1/5/1974		1	0.3%
1/5/1976		1	0.3%
1/5/1999		1	0.3%
1/5/2020		1	0.3%
1/8/1996		1	0.3%
1/9/1962		1	0.3%
1/9/1965		2	0.5%
1/9/1985		1	0.3%
1/9/1995		1	0.3%
10/11/1970		1	0.3%
10/11/1994		1	0.3%
10/11/2001		1	0.3%
10/11/2017		1	0.3%
10/12/2012		1	0.3%
10/13/1993		1	0.3%
10/13/2011		1	0.3%
10/14/1969		1	0.3%
10/14/1970		1	0.3%
10/14/1993		1	0.3%
10/14/1994		1	0.3%
10/16/2010		1	0.3%

10/16/2014		1	0.3%
10/16/2015		1	0.3%
10/17/1974		1	0.3%
10/18/1989		1	0.3%
10/2/2001		1	0.3%
10/20/1988		1	0.3%
10/22/1996		1	0.3%
10/23/2014		1	0.3%
10/24/1985		1	0.3%
10/3/2000		1	0.3%
10/3/2002		1	0.3%
10/5/2005		1	0.3%
10/6/1995		1	0.3%
10/7/2005		1	0.3%
10/9/2013		1	0.3%
11/1/1995		1	0.3%
11/10/1994		1	0.3%
11/11/1998		1	0.3%
11/12/1985		1	0.3%
11/12/1986		1	0.3%
11/13/1998		1	0.3%
11/13/2009		1	0.3%
11/13/2014		1	0.3%
11/14/1969		1	0.3%
11/14/1978		1	0.3%
11/14/1985		1	0.3%
11/14/2002		1	0.3%
11/15/1950		1	0.3%
11/15/1986		1	0.3%
11/17/2006		1	0.3%
11/18/2005		1	0.3%
11/19/2007		1	0.3%
11/19/2010		1	0.3%
11/20/2000		1	0.3%
11/22/2014		1	0.3%
11/23/1993		1	0.3%
11/25/2010		1	0.3%
11/3/1994		1	0.3%
11/7/2002		1	0.3%

11/7/2018		1	0.3%
11/8/2006		1	0.3%
11/8/2007		1	0.3%
11/9/1982		1	0.3%
11/9/1995		1	0.3%
12/12/1971		1	0.3%
12/12/1980		1	0.3%
12/12/2004		1	0.3%
12/13/1970		1	0.3%
12/13/1985		1	0.3%
12/13/1987		2	0.5%
12/13/2001		1	0.3%
12/13/2018		1	0.3%
12/13/2023		1	0.3%
12/14/2000		1	0.3%
12/15/1978		1	0.3%
12/15/1994		1	0.3%
12/15/2018		1	0.3%
12/17/1997		1	0.3%
12/17/2015		1	0.3%
12/18/1985		1	0.3%
12/18/1989		1	0.3%
12/18/1995		1	0.3%
12/18/2000		1	0.3%
12/18/2001		1	0.3%
12/19/1975		1	0.3%
12/19/1996		1	0.3%
12/19/2000		1	0.3%
12/19/2005		1	0.3%
12/19/2006		1	0.3%
12/20/1980		2	0.5%
12/21/1985		1	0.3%
12/21/1995		1	0.3%
12/23/1995		1	0.3%
12/23/2005		1	0.3%
12/25/1974		1	0.3%
12/25/2000		1	0.3%
12/26/1924		1	0.3%
12/26/1985		1	0.3%

12/26/1996		1	0.3%
12/26/2003		1	0.3%
12/3/1965		1	0.3%
12/3/2013		1	0.3%
12/30/1993		1	0.3%
12/4/1995		1	0.3%
12/4/1997		1	0.3%
12/5/1960		1	0.3%
12/5/1997		1	0.3%
12/5/2001		2	0.5%
12/5/2021		1	0.3%
12/6/1976		1	0.3%
12/6/1980		1	0.3%
12/6/1999		1	0.3%
12/6/2023		1	0.3%
12/8/2010		1	0.3%
12/9/1996		1	0.3%
2/1/2006		1	0.3%
2/10/2016		1	0.3%
2/10/2017		1	0.3%
2/12/2020		1	0.3%
2/13/2013		1	0.3%
2/14/1992		2	0.5%
2/15/1990		1	0.3%
2/15/2017		1	0.3%
2/17/2016		1	0.3%
2/24/2022		1	0.3%
2/25/1997		1	0.3%
2/3/2003		1	0.3%
2/5/1986		1	0.3%
2/6/2019		1	0.3%
2/9/1982		1	0.3%
2/9/2018		1	0.3%
2/9/2021		1	0.3%
3/11/1972		1	0.3%
3/11/1991		1	0.3%
3/12/1960		1	0.3%
3/13/1960		1	0.3%
3/13/1969		1	0.3%

3/13/1996		1	0.3%
3/14/1983		1	0.3%
3/14/2002		1	0.3%
3/15/1956		1	0.3%
3/15/1973		1	0.3%
3/15/1982		1	0.3%
3/15/1990		1	0.3%
3/15/2018		1	0.3%
3/16/1967		1	0.3%
3/16/1989		1	0.3%
3/17/2000		1	0.3%
3/18/2021		1	0.3%
3/19/2000		1	0.3%
3/2/1987		1	0.3%
3/20/1960		1	0.3%
3/20/1983		1	0.3%
3/20/1985		1	0.3%
3/21/1920		1	0.3%
3/21/1985		1	0.3%
3/21/1986		1	0.3%
3/22/1987		1	0.3%
3/23/1986		1	0.3%
3/23/1995		1	0.3%
3/24/1953		1	0.3%
3/24/2001		1	0.3%
3/24/2006		1	0.3%
3/25/1975		1	0.3%
3/28/1965		1	0.3%
3/28/1983		1	0.3%
3/28/1993		1	0.3%
3/28/1995		1	0.3%
3/28/2003		1	0.3%
3/29/1967		1	0.3%
3/29/1973		1	0.3%
3/29/1974		1	0.3%
3/29/1988		1	0.3%
3/30/1984		1	0.3%
3/31/1974		1	0.3%
3/31/2023		1	0.3%

3/4/1960		1	0.3%
3/4/1981		1	0.3%
3/4/1992		1	0.3%
3/4/2010		1	0.3%
3/4/2021		1	0.3%
3/6/1967		1	0.3%
3/7/1965		1	0.3%
3/7/1984		1	0.3%
3/8/1965		2	0.5%
3/8/1975		1	0.3%
3/8/1987		1	0.3%
3/8/2017		1	0.3%
3/8/2019		1	0.3%
3/9/2006		1	0.3%
3/9/2022		1	0.3%
4/10/1985		1	0.3%
4/10/2008		1	0.3%
4/13/1988		1	0.3%
4/13/2019		1	0.3%
4/15/2009		1	0.3%
4/21/2006		1	0.3%
4/3/1990		1	0.3%
4/3/2019		1	0.3%
4/4/1990		1	0.3%
5/1/1977		1	0.3%
5/10/1985		1	0.3%
5/11/2000		1	0.3%
5/12/1960		1	0.3%
5/12/1991		1	0.3%
5/14/2019		1	0.3%
5/15/2020		1	0.3%
5/2/1960		1	0.3%
5/21/2000		1	0.3%
5/25/1960		1	0.3%
5/4/1970		1	0.3%
5/4/1980		1	0.3%
5/5/1978		1	0.3%
5/5/1984		1	0.3%
6/1/1992		1	0.3%

6/10/2006		1	0.3%
6/11/1991		1	0.3%
6/11/2008		1	0.3%
6/12/2001		1	0.3%
6/12/2002		1	0.3%
6/12/2013		1	0.3%
6/12/2014		1	0.3%
6/13/1973		1	0.3%
6/13/1995		1	0.3%
6/13/1996		1	0.3%
6/13/2006		1	0.3%
6/13/2020		1	0.3%
6/14/1975		1	0.3%
6/14/1977		1	0.3%
6/14/1989		1	0.3%
6/14/2006		2	0.5%
6/14/2018		1	0.3%
6/15/1988		1	0.3%
6/15/1995		1	0.3%
6/15/2004		1	0.3%
6/15/2017		1	0.3%
6/16/1986		1	0.3%
6/16/1992		1	0.3%
6/16/2003		1	0.3%
6/16/2005		2	0.5%
6/16/2006		1	0.3%
6/18/1992		1	0.3%
6/18/2009		2	0.5%
6/18/2010		2	0.5%
6/19/1997		1	0.3%
6/19/2009		1	0.3%
6/21/1965		1	0.3%
6/21/1987		1	0.3%
6/21/1990		1	0.3%
6/21/2000		1	0.3%
6/21/2013		1	0.3%
6/22/2012		1	0.3%
6/22/2016		1	0.3%
6/23/2011		1	0.3%

6/24/1994		1	0.3%
6/24/2006		1	0.3%
6/28/2014		2	0.5%
6/3/1993		1	0.3%
6/30/2021		1	0.3%
6/4/1997		1	0.3%
6/4/2020		1	0.3%
6/5/1979		1	0.3%
6/6/1985		2	0.5%
6/6/2006		1	0.3%
6/7/1995		1	0.3%
6/9/1994		1	0.3%
6/9/2011		1	0.3%
7/10/1996		1	0.3%
7/11/1974		1	0.3%
7/12/1987		1	0.3%
7/12/2002		1	0.3%
7/12/2017		1	0.3%
7/12/2018		3	0.8%
7/13/1973		1	0.3%
7/13/1995		1	0.3%
7/13/2006		1	0.3%
7/14/2005		1	0.3%
7/14/2010		1	0.3%
7/14/2011		1	0.3%
7/15/1970		1	0.3%
7/15/2010		2	0.5%
7/16/1981		1	0.3%
7/16/1982		1	0.3%
7/16/1998		3	0.8%
7/16/2008		1	0.3%
7/16/2010		1	0.3%
7/16/2022		1	0.3%
7/17/2018		1	0.3%
7/18/1973		1	0.3%
7/18/1991		1	0.3%
7/18/2003		2	0.5%
7/18/2013		1	0.3%
7/18/2019		1	0.3%

7/19/1996		1	0.3%
7/19/2002		1	0.3%
7/19/2006		1	0.3%
7/19/2008		1	0.3%
7/19/2016		1	0.3%
7/19/2019		1	0.3%
7/2/2014		1	0.3%
7/20/1987		2	0.5%
7/20/2007		1	0.3%
7/20/2017		1	0.3%
7/21/2000		1	0.3%
7/21/2001		1	0.3%
7/21/2006		1	0.3%
7/21/2017		1	0.3%
7/22/2010		1	0.3%
7/23/1996		1	0.3%
7/23/2010		1	0.3%
7/23/2011		1	0.3%
7/23/2014		1	0.3%
7/24/1998		2	0.5%
7/24/2009		2	0.5%
7/24/2015		1	0.3%
7/25/1997		1	0.3%
7/26/2003		1	0.3%
7/26/2006		1	0.3%
7/29/1992		1	0.3%
7/29/2005		1	0.3%
7/3/1989		1	0.3%
7/3/1997		1	0.3%
7/3/2003		1	0.3%
7/4/1974		1	0.3%
7/5/2002		1	0.3%
7/6/1956		1	0.3%
7/6/2019		1	0.3%
7/6/2021		1	0.3%
7/7/1977		1	0.3%
7/7/1994		1	0.3%
7/7/2016		1	0.3%
7/8/1991		1	0.3%

7/8/2022		1	0.3%
7/9/1981		1	0.3%
8/10/1975		1	0.3%
8/11/2000		1	0.3%
8/11/2012		1	0.3%
8/15/1970		1	0.3%
8/15/2002		1	0.3%
8/15/2017		1	0.3%
8/17/2002		1	0.3%
8/24/2006		1	0.3%
8/28/2006		1	0.3%
8/7/1980		1	0.3%
9/11/2000		1	0.3%
9/12/1985		1	0.3%
9/13/2007		1	0.3%
9/16/1997		1	0.3%
9/21/1978		1	0.3%
9/26/1990		1	0.3%
9/3/2003		1	0.3%
9/3/2009		1	0.3%
9/7/1965		1	0.3%
9/9/1976		1	0.3%

## N\_TREES: Screening TreeCrop specific What is the total number of trees per hectare?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 398 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		1	0.3%
10		47	11.8%
100		14	3.5%
1000		11	2.8%
1098		1	0.3%

11		2	0.5%
110		1	0.3%
1100		2	0.5%
1199		1	0.3%
12		21	5.3%
120		2	0.5%
1200		7	1.8%
1202		1	0.3%
122		1	0.3%
1220		1	0.3%
1230		1	0.3%
1233		1	0.3%
1270		1	0.3%
13		4	1%
130		1	0.3%
133		1	0.3%
1398		1	0.3%
14		7	1.8%
140		1	0.3%
15		12	3%
150		1	0.3%
1500		7	1.8%
19		1	0.3%
2		6	1.5%
20		1	0.3%
200		10	2.5%
2000		1	0.3%
230		1	0.3%
234		2	0.5%
240		1	0.3%
249		1	0.3%
250		3	0.8%
26		1	0.3%
2900		1	0.3%
294		1	0.3%
297		1	0.3%
299		1	0.3%
3		8	2%
300		9	2.3%

320		1	0.3%
34		1	0.3%
345		1	0.3%
350		3	0.8%
356		1	0.3%
380		1	0.3%
389		1	0.3%
4		15	3.8%
4.5		1	0.3%
40		1	0.3%
400		12	3%
409		1	0.3%
42		1	0.3%
45		1	0.3%
450		6	1.5%
460		1	0.3%
480		1	0.3%
489		1	0.3%
498		2	0.5%
499		1	0.3%
5		24	6%
50		1	0.3%
500		15	3.8%
598		1	0.3%
599		1	0.3%
6		29	7.3%
60		1	0.3%
600		4	1%
620		1	0.3%
650		1	0.3%
7		8	2%
700		8	2%
750		1	0.3%
780		1	0.3%
790		1	0.3%
799		1	0.3%
8		11	2.8%
80		1	0.3%
800		9	2.3%

899		1	0.3%
9		18	4.5%
90		1	0.3%
900		5	1.3%
987		1	0.3%

## PRUNE: Screening TreeCrop specific Do you prune?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 398 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		392	98.5%
Yes		6	1.5%

## PRUNE\_START: Screening TreeCrop specific When did the pruning period of the trees start?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 8 Invalid: 0

Type: Discrete Width: 10 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1/30/2022		1	12.5%
12/18/1999		1	12.5%
12/19/2000		1	12.5%
3/16/2022		1	12.5%
3/8/2022		1	12.5%
4/25/2022		1	12.5%
5/23/2022		1	12.5%
6/17/2022		1	12.5%

**PRUNE\_END: Screening TreeCrop specific When did the pruning period of the trees end?****Data file:** CIV\_PrePlanting-Cocoa**Overview**

Valid: 7    Invalid: 0

Type: Discrete    Width: 10    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
10/30/2022		1	14.3%
10/7/2022		1	14.3%
12/23/2022		1	14.3%
12/28/2022		1	14.3%
5/26/2022		1	14.3%
6/15/2022		1	14.3%
6/9/2022		1	14.3%

**FLOWERING: Screening TreeCrop specific When did the first trees reach the flowering stage?****Data file:** CIV\_PrePlanting-Cocoa**Overview**

Valid: 398    Invalid: 0

Type: Discrete    Width: 10    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1/1/1960		1	0.3%
1/1/1975		1	0.3%
1/1/2015		1	0.3%
1/10/1970		1	0.3%
1/10/1975		1	0.3%
1/10/2005		1	0.3%
1/11/1980		1	0.3%
1/11/2016		1	0.3%
1/14/2020		1	0.3%

1/15/1980		1	0.3%
1/16/1975		1	0.3%
1/16/2000		1	0.3%
1/16/2002		1	0.3%
1/16/2006		1	0.3%
1/17/2020		1	0.3%
1/18/1999		1	0.3%
1/18/2017		1	0.3%
1/2/1960		1	0.3%
1/2/1975		1	0.3%
1/2/1980		1	0.3%
1/2/1985		1	0.3%
1/2/1990		1	0.3%
1/2/2024		1	0.3%
1/20/1993		1	0.3%
1/22/2000		1	0.3%
1/23/0001		1	0.3%
1/23/1996		1	0.3%
1/23/2199		1	0.3%
1/24/1995		1	0.3%
1/24/2000		1	0.3%
1/3/2000		1	0.3%
1/5/1985		1	0.3%
1/6/2018		1	0.3%
1/8/2014		1	0.3%
1/9/1972		1	0.3%
1/9/1995		1	0.3%
1/9/2024		1	0.3%
10/10/2007		1	0.3%
10/11/1995		1	0.3%
10/11/2004		1	0.3%
10/11/2007		1	0.3%
10/12/1990		1	0.3%
10/12/2000		1	0.3%
10/12/2016		1	0.3%
10/12/2022		1	0.3%
10/13/2011		1	0.3%
10/15/1997		1	0.3%
10/16/1995		1	0.3%

10/16/2015		1	0.3%
10/17/2012		1	0.3%
10/18/2000		1	0.3%
10/18/2004		1	0.3%
10/20/1995		1	0.3%
10/20/2021		1	0.3%
10/21/2006		1	0.3%
10/21/2009		1	0.3%
10/22/1990		1	0.3%
10/22/2004		1	0.3%
10/23/1991		1	0.3%
10/23/2014		1	0.3%
10/25/2007		1	0.3%
10/25/2013		1	0.3%
10/27/2011		1	0.3%
10/28/2015		1	0.3%
10/31/2006		1	0.3%
10/31/2008		1	0.3%
10/4/1999		1	0.3%
10/4/2023		1	0.3%
10/5/2021		1	0.3%
11/10/1999		1	0.3%
11/10/2006		1	0.3%
11/10/2010		1	0.3%
11/11/1999		1	0.3%
11/12/2015		1	0.3%
11/13/1991		2	0.5%
11/13/2003		1	0.3%
11/13/2015		1	0.3%
11/14/2003		1	0.3%
11/14/2019		1	0.3%
11/15/1990		1	0.3%
11/15/2018		1	0.3%
11/16/1995		1	0.3%
11/16/1999		1	0.3%
11/16/2023		1	0.3%
11/17/2005		1	0.3%
11/17/2011		1	0.3%
11/17/2017		1	0.3%

11/18/1993		2	0.5%
11/2/1995		1	0.3%
11/20/1997		2	0.5%
11/21/1976		1	0.3%
11/23/2019		1	0.3%
11/25/1988		1	0.3%
11/26/1998		1	0.3%
11/26/1999		1	0.3%
11/27/2009		1	0.3%
11/29/2002		1	0.3%
11/3/1998		1	0.3%
11/30/2007		1	0.3%
11/5/2003		1	0.3%
11/7/2002		1	0.3%
11/7/2018		1	0.3%
11/8/2008		1	0.3%
11/8/2023		1	0.3%
12/11/1995		1	0.3%
12/11/2001		1	0.3%
12/11/2008		2	0.5%
12/11/2023		1	0.3%
12/12/1996		1	0.3%
12/12/1999		1	0.3%
12/12/2005		1	0.3%
12/12/2014		1	0.3%
12/12/2023		1	0.3%
12/13/1980		1	0.3%
12/13/1989		1	0.3%
12/13/2003		1	0.3%
12/13/2023		1	0.3%
12/14/1990		1	0.3%
12/14/2022		2	0.5%
12/14/2207		1	0.3%
12/15/2022		1	0.3%
12/16/1997		1	0.3%
12/18/1999		2	0.5%
12/19/2005		1	0.3%
12/19/2007		1	0.3%
12/19/2017		1	0.3%

12/19/2019		1	0.3%
12/19/2023		4	1%
12/2/1976		1	0.3%
12/2/1998		1	0.3%
12/20/1996		1	0.3%
12/20/2001		1	0.3%
12/20/2004		1	0.3%
12/20/2010		1	0.3%
12/20/2013		1	0.3%
12/20/2014		1	0.3%
12/20/2023		2	0.5%
12/22/1990		1	0.3%
12/22/2000		1	0.3%
12/22/2001		1	0.3%
12/22/2004		1	0.3%
12/22/2008		1	0.3%
12/23/2004		1	0.3%
12/23/2009		1	0.3%
12/24/1997		1	0.3%
12/24/2015		1	0.3%
12/25/1980		1	0.3%
12/25/2000		1	0.3%
12/25/2023		1	0.3%
12/26/1990		1	0.3%
12/26/2001		1	0.3%
12/26/2015		1	0.3%
12/26/2023		1	0.3%
12/27/1990		1	0.3%
12/27/2010		1	0.3%
12/27/2023		1	0.3%
12/28/2000		1	0.3%
12/29/2003		1	0.3%
12/3/2005		2	0.5%
12/3/2023		1	0.3%
12/31/1994		1	0.3%
12/31/2019		1	0.3%
12/4/1990		1	0.3%
12/4/1995		1	0.3%
12/4/2006		1	0.3%

12/4/2023		1	0.3%
12/5/2004		1	0.3%
12/5/2023		1	0.3%
12/7/2008		1	0.3%
12/8/2020		1	0.3%
12/9/2001		1	0.3%
2/1/2017		1	0.3%
2/10/2010		1	0.3%
2/13/1995		1	0.3%
2/13/2003		1	0.3%
2/14/2007		1	0.3%
2/14/2009		1	0.3%
2/18/2010		1	0.3%
2/19/2003		1	0.3%
2/22/1984		1	0.3%
2/4/2020		1	0.3%
2/5/2014		1	0.3%
2/7/1980		1	0.3%
2/7/2009		1	0.3%
3/1/1995		1	0.3%
3/1/2010		1	0.3%
3/10/2000		1	0.3%
3/10/2020		1	0.3%
3/11/1980		1	0.3%
3/13/2013		1	0.3%
3/13/2018		1	0.3%
3/14/2000		1	0.3%
3/15/1985		1	0.3%
3/15/1999		1	0.3%
3/16/1990		1	0.3%
3/16/2009		1	0.3%
3/17/1987		1	0.3%
3/17/1988		1	0.3%
3/17/1995		2	0.5%
3/17/2000		1	0.3%
3/17/2004		1	0.3%
3/17/2011		1	0.3%
3/17/2016		1	0.3%
3/19/2013		1	0.3%

3/21/1999		1	0.3%
3/22/1970		1	0.3%
3/22/1980		1	0.3%
3/22/1990		1	0.3%
3/22/1995		1	0.3%
3/22/2000		2	0.5%
3/23/1965		1	0.3%
3/23/1976		1	0.3%
3/23/1989		1	0.3%
3/23/1995		2	0.5%
3/24/1950		1	0.3%
3/24/1970		1	0.3%
3/24/2023		1	0.3%
3/25/1980		1	0.3%
3/25/1985		1	0.3%
3/26/1999		1	0.3%
3/28/1977		1	0.3%
3/28/1985		1	0.3%
3/3/1975		1	0.3%
3/3/1989		1	0.3%
3/30/1990		2	0.5%
3/31/1985		1	0.3%
3/31/1990		1	0.3%
3/4/1989		1	0.3%
3/4/2005		1	0.3%
3/5/1975		1	0.3%
3/6/2012		1	0.3%
3/7/1987		1	0.3%
3/7/2000		1	0.3%
3/8/1999		2	0.5%
3/9/1995		1	0.3%
4/11/1996		1	0.3%
4/14/2005		1	0.3%
4/14/2016		1	0.3%
4/19/1980		1	0.3%
4/25/2000		1	0.3%
4/3/1960		1	0.3%
4/8/1999		1	0.3%
5/1/2002		1	0.3%

5/1/2005		1	0.3%
5/10/1990		1	0.3%
5/11/2005		1	0.3%
5/12/1982		1	0.3%
5/19/1976		1	0.3%
5/19/2014		1	0.3%
5/2/2023		1	0.3%
5/22/1987		1	0.3%
5/22/2020		1	0.3%
5/23/2005		1	0.3%
5/27/2022		1	0.3%
5/3/2000		1	0.3%
5/4/1992		1	0.3%
5/8/1996		1	0.3%
5/9/2014		1	0.3%
6/10/1997		1	0.3%
6/11/2019		1	0.3%
6/12/2001		1	0.3%
6/12/2019		1	0.3%
6/13/2007		1	0.3%
6/13/2017		1	0.3%
6/13/2019		1	0.3%
6/14/0001		1	0.3%
6/14/2006		1	0.3%
6/14/2007		1	0.3%
6/14/2012		1	0.3%
6/15/1990		1	0.3%
6/15/2011		1	0.3%
6/15/2018		1	0.3%
6/16/2007		1	0.3%
6/17/2004		1	0.3%
6/17/2020		1	0.3%
6/19/2012		1	0.3%
6/2/2018		1	0.3%
6/2/2020		1	0.3%
6/20/2002		1	0.3%
6/20/2007		1	0.3%
6/20/2008		1	0.3%
6/21/2012		1	0.3%

6/22/2005		1	0.3%
6/22/2007		1	0.3%
6/23/2011		1	0.3%
6/26/2004		1	0.3%
6/26/2015		1	0.3%
6/27/2014		1	0.3%
6/28/1980		1	0.3%
6/3/1997		1	0.3%
6/4/1996		1	0.3%
6/4/2004		1	0.3%
6/4/2009		1	0.3%
6/5/2019		1	0.3%
6/8/2023		1	0.3%
7/11/1991		1	0.3%
7/11/2003		1	0.3%
7/11/2019		1	0.3%
7/13/2000		1	0.3%
7/13/2006		1	0.3%
7/13/2018		1	0.3%
7/14/2011		1	0.3%
7/15/1999		2	0.5%
7/15/2011		1	0.3%
7/16/1998		2	0.5%
7/16/2015		1	0.3%
7/16/2021		1	0.3%
7/16/2022		1	0.3%
7/17/2000		1	0.3%
7/18/1995		1	0.3%
7/18/2007		1	0.3%
7/19/2001		2	0.5%
7/19/2007		1	0.3%
7/19/2012		1	0.3%
7/19/2018		1	0.3%
7/20/1995		1	0.3%
7/20/2004		1	0.3%
7/21/2010		1	0.3%
7/21/2017		1	0.3%
7/22/1999		1	0.3%
7/22/2010		2	0.5%

7/22/2020		1	0.3%
7/23/2023		1	0.3%
7/24/1998		1	0.3%
7/24/2002		1	0.3%
7/24/2009		1	0.3%
7/25/1996		1	0.3%
7/25/2007		1	0.3%
7/25/2020		1	0.3%
7/26/2003		1	0.3%
7/26/2011		1	0.3%
7/27/2007		1	0.3%
7/3/1980		1	0.3%
7/30/2015		1	0.3%
7/31/2012		1	0.3%
7/4/2000		1	0.3%
7/5/2001		1	0.3%
7/5/2022		1	0.3%
7/5/2023		1	0.3%
7/7/1994		1	0.3%
7/7/1998		1	0.3%
7/8/1999		1	0.3%
8/11/1995		1	0.3%
8/12/2009		1	0.3%
8/12/2021		1	0.3%
8/15/2014		1	0.3%
8/16/2006		1	0.3%
8/16/2007		1	0.3%
8/18/1985		1	0.3%
8/19/2004		2	0.5%
8/19/2011		1	0.3%
8/20/1998		1	0.3%
8/21/2015		1	0.3%
8/21/2019		1	0.3%
8/23/2007		1	0.3%
8/23/2018		1	0.3%
8/31/2018		1	0.3%
8/4/1980		1	0.3%
8/4/1990		1	0.3%
8/5/2005		1	0.3%

8/5/2009		1	0.3%
8/7/1996		1	0.3%
8/7/2020		1	0.3%
8/9/1995		1	0.3%
8/9/2007		1	0.3%
9/10/2023		1	0.3%
9/11/2019		1	0.3%
9/13/2017		1	0.3%
9/16/2004		1	0.3%
9/18/2008		1	0.3%
9/19/2000		1	0.3%
9/20/2006		1	0.3%
9/20/2018		1	0.3%
9/22/2007		1	0.3%
9/3/2013		1	0.3%
9/6/2017		1	0.3%
9/8/2011		1	0.3%

## TREE\_ACTIVITIES: Screening TreeCrop specific Please describe if you performed the following activities

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 398

Type: Discrete Width: 255 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Clearing. Removing remains of the crop, e.g. stumps, stones or other obstacles.		67	16.8%
Clearing. Removing remains of the crop, e.g. stumps, stones or other obstacles.,Mulching. Covering the soil to improve crop growth, e.g. to make soil more moist.		50	12.6%
Clearing. Removing remains of the crop, e.g. stumps, stones or other obstacles.,Mulching. Covering the soil to improve crop growth, e.g. to make soil more moist.,Other		7	1.8%
Clearing. Removing remains of the crop, e.g. stumps, stones or other obstacles.,Mulching. Covering the soil to improve crop growth, e.g. to make soil more moist.,Pruning. To cut parts of branches to improver shape or growth.		22	5.5%
Clearing. Removing remains of the crop, e.g. stumps, stones or other obstacles.,Mulching. Covering the soil to improve crop growth, e.g. to make soil more moist.,Pruning. To cut parts of branches to improver shape or growth.,Top/side grafting. Replacing p		1	0.3%
Clearing. Removing remains of the crop, e.g. stumps, stones or other obstacles.,Other		18	4.5%

Clearing. Removing remains of the crop, e.g. stumps, stones or other obstacles.,Pruning. To cut parts of branches to improver shape or growth.	8	2%
Clearing. Removing remains of the crop, e.g. stumps, stones or other obstacles.,Pruning. To cut parts of branches to improver shape or growth.,Mulching. Covering the soil to improve crop growth, e.g. to make soil more moist.	7	1.8%
Clearing. Removing remains of the crop, e.g. stumps, stones or other obstacles.,Pruning. To cut parts of branches to improver shape or growth.,Top/side grafting. Replacing part of a branch with another (e.g. from a different variety),Other	1	0.3%
Clearing. Removing remains of the crop, e.g. stumps, stones or other obstacles.,Top/side grafting. Replacing part of a branch with another (e.g. from a different variety).	12	3%
Clearing. Removing remains of the crop, e.g. stumps, stones or other obstacles.,Top/side grafting. Replacing part of a branch with another (e.g. from a different variety),Pruning. To cut parts of branches to improver shape or growth.	1	0.3%
Mulching. Covering the soil to improve crop growth, e.g. to make soil more moist.	34	8.5%
Mulching. Covering the soil to improve crop growth, e.g. to make soil more moist.,Clearing. Removing remains of the crop, e.g. stumps, stones or other obstacles.	7	1.8%
Mulching. Covering the soil to improve crop growth, e.g. to make soil more moist.,Clearing. Removing remains of the crop, e.g. stumps, stones or other obstacles.,Pruning. To cut parts of branches to improver shape or growth.	3	0.8%
Mulching. Covering the soil to improve crop growth, e.g. to make soil more moist.,Other	4	1%
Mulching. Covering the soil to improve crop growth, e.g. to make soil more moist.,Pruning. To cut parts of branches to improver shape or growth.,Other	1	0.3%
Mulching. Covering the soil to improve crop growth, e.g. to make soil more moist.,Top/side grafting. Replacing part of a branch with another (e.g. from a different variety).	6	1.5%
Mulching. Covering the soil to improve crop growth, e.g. to make soil more moist.,Top/side grafting. Replacing part of a branch with another (e.g. from a different variety),Pruning. To cut parts of branches to improver shape or growth.	1	0.3%
Other	68	17.1%
Other,Clearing. Removing remains of the crop, e.g. stumps, stones or other obstacles.,Mulching. Covering the soil to improve crop growth, e.g. to make soil more moist.	2	0.5%
Other,Mulching. Covering the soil to improve crop growth, e.g. to make soil more moist.	1	0.3%
Other,Mulching. Covering the soil to improve crop growth, e.g. to make soil more moist.,Pruning. To cut parts of branches to improver shape or growth.,Top/side grafting. Replacing part of a branch with another (e.g. from a different variety).	1	0.3%
Other,Pruning. To cut parts of branches to improver shape or growth.	1	0.3%
Other,Top/side grafting. Replacing part of a branch with another (e.g. from a different variety).	1	0.3%
Pruning. To cut parts of branches to improver shape or growth.	4	1%
Pruning. To cut parts of branches to improver shape or growth.,Other	1	0.3%
Pruning. To cut parts of branches to improver shape or growth.,Top/side grafting. Replacing part of a branch with another (e.g. from a different variety).	1	0.3%
Top/side grafting. Replacing part of a branch with another (e.g. from a different variety).	60	15.1%
Top/side grafting. Replacing part of a branch with another (e.g. from a different variety),Clearing. Removing remains of the crop, e.g. stumps, stones or other obstacles.	1	0.3%
Top/side grafting. Replacing part of a branch with another (e.g. from a different variety),Mulching. Covering the soil to improve crop growth, e.g. to make soil more moist.	1	0.3%
Top/side grafting. Replacing part of a branch with another (e.g. from a different variety),Other	5	1.3%

Top/side grafting. Replacing part of a branch with another (e.g. from a different variety). Pruning. To cut parts of branches to improve shape or growth.

1

0.3%

## TREE\_POWER\_MACHINERY: Screening TreeCrop specific Did you use power-driven machinery?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 398 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		187	47%
Yes		211	53%

## IPM\_FAMILIAR: Screening TreeCrop specific Are you familiar with IPM (Integrate Pest Management) concept?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 398 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		395	99.2%
Yes		3	0.8%

## IPM\_FARM: Screening TreeCrop specific Are your farm interventions taking any of the IPM principles/recommendations into consideration?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 4 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		3	75%
Yes		1	25%

## PESTICIDE\_SPRAYS: Screening TreeCrop specific Do you do your own pesticide sprays?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 398 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		12	3%
Yes		386	97%

## PERSON\_SPRAY: Screening TreeCrop specific Who does it for you?

Data file: CIV\_PrePlanting-Cocoa

### Overview

Valid: 16 Invalid: 0

Type: Discrete Width: 35 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Independent spray service providers		1	6.3%
Other		11	68.8%
People from the cooperative		4	25%

