Evaluation of the "Supporting Deforestation Free Cocoa in Ghana" Project Bridge Phase: Baseline Household Survey Instrument

Communications, Evidence, and Learning (CEL) Project Work Assignment – E3 Land and Urban Office

Evaluation of the "Supporting Deforestation Free Cocoa in Ghana" Project Bridge Phase: Baseline Household Survey Instrument

Communications, Evidence and Learning (CEL) Project

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BASELINE HOUSEHOLD SURVEY INSTRUMENT

MODULE A: HOUSEHOLD IDENTIFICATION AND CONSENT

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
	mod_a_note	Module A: Household Identification and Consent	
Q2	enum_ID	ENUMERATOR: Enter your ID	(Text)
Q3	supervisor	ENUMERATOR: What is your supervisor's name?	1=[Supervisor 1 Name] 2=[Supervisor 2 Name] 3=[Supervisor 3 Name] 4=[Supervisor 4 Name] 5=[Supervisor 5 Name] 6=[Supervisor 6 Name] 7=[Supervisor 7 Name] 8=[Supervisor 8 Name]
Q4	interview_date	Enter the date the interview began	(Date)
Q5	gps	Enter the GPS for the household Collect GPS coordinates. Make sure GPS is on. You have to be outside to be able to record the GPS coordinates. If the accuracy is less than 50 meters you can save the location.	(Geopoint)
Q6	village	ENUMERATOR: Select the name of the village this household is located in.	1=[Village 1 name] 2=[Village 2 name] 3=[Village 3 name] 4=[Village 4 name] 5=[Village 5 name] 6=[Village 6 name] 7=[Village 7 name] 8=[Village 8 name] 9=[Village 9 name] 10=[Village 10 name] 11=[Village 11 name] 12=[Village 12 name] 99=Other
Q10	hhid	ENUMERATOR: Enter the household's unique ID Household ID must take the form of: TKG-XX-XXX-XX Response constrained to: regex(., 'TKG\-[0-1][0-9]\-[0-9]{3}\-[0-9]{2}')	(Text)
Q11	hhid2	ENUMERATOR: Re-enter the household's unique ID Response constrained to: .= ${hhid}	(Text)
Q12	hhtype	Household treatment status	1=GROUP 1: Farmer is enrolled in ECOM Farm Rehabilitation Program 2=GROUP 2: Farmer is ELIGIBLE BUT NOT enrolled in ECOM Farm Rehabilitation Program 3=GROUP 3: Any Other Cocoa Farmer
Q13	replaced	ENUMERATOR: Is this household a replacement household?	0=no 1=yes
Q14	replaced_with	ENUMERATOR: Indicate the ID number of the household that was replaced Household ID must take the form of: TKG-XX-XXX-XX Question relevant when: ${replaced} =1 Response constrained to: regex(., 'TKG\-[0-1][0-9]\-[0-9]{3}\-[0-9]{2}')	(Text)
	consent_instructions	[ENUMERATOR: Read the paper consent form to the household head, word for word. The first choice for a respondent is the main cocoa farmer in the household. If this person is not available, you may interview the household head. If neither is available, you must come back another time.]	(Note)

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	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q16	consent	This survey is part of an evaluation of the USAID-funded Deforestation-Free Cocoa in Ghana Project. Hello, my name is..... we are conducting a survey on cocoa farming, land tenure and livelihoods issues. This survey is being implemented by The Khana Group and a research company called NORC, with funding from USAID. Your household has been randomly selected to participate in this survey. The interview will take about 2 hours. This survey is voluntary and the information you share will remain confidential. You may choose not to answer any question, and you can choose to stop the interview at any time. Above all, we ask for honest answers. If you have any questions please contact [Data collection supervisor name] of The Khana Group at [phone number]. Now I would like to ask your permission to continue with the interview?	0=no 1=yes
	All Survey Group relevant when: ${consent} =1		

MODULE B: HOUSEHOLD ROSTER

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
	mod_b_note	Module B: Household Roster	(Note)
	Mod_B	ENUMERATOR: I will begin by asking you some questions about the people in your household.	(Note)
Q21	household_language	What is the main language spoken in this household?	1=Asante 2=Fanti 3=Akuapem 4=Sefwi 5=Bono 6=Nzema 7=Ga 8=Dangme 9=Ewe 10=Guan 11=Buli 12=Mamprusi 13=Frafra/Gruni 14=Kassen 15=Dagbani 16=Wali/Dagari 17=Sissala 18=Wassa 19=Other (specify) -998=Don't know -999=Refused
Q22	household_language_specify	Specify the language, if other. Question relevant when: ${household_language} =19	(Text)
Q23	roster_hhsize	ENUMERATOR: The "members" of the household are all the people who live in the same compound/house, and usually eat together or share meals. This includes individuals who may not be part of the same family, such as a domestic servant, but live this compound and share in the same meals. Family members who are absent from the household for six months or more, or that do not have the intention of returning, are not counted. What is the total number of members currently living in your household? Response constrained to: .>0 and .<=25	(Integer)
Q24	roster_resp_name	What is your name?	(Text)
Q25	roster_resp_sex	Sex?	0=male 1=female -998=Don't know -999=Refused
Q26	roster_resp_age	Age (in years)? Response constrained to: .>=18 and .<=110	(Integer)
Q27	roster_resp_headrel	What is your relationship to the household head?	1=Household Head 2=Spouse

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
			3=Child 4=Grandchild 5=Parent/Parent-in-law 6=Son/Daughter-in-law 7=Other Relative 8=Adopted/Foster/Stepchild 9=House help 10=Non-relative -998=Don't know -999=Refused
Q28	roster_resp_marital	What is your marital status?	1=Single/Never married 2=Married/Partners living together 3=Betrothed/Engaged 4=Separate/Divorced 5=Widowed 6=Other -998=Don't know -999=Refused
Q29	roster_resp_educationlevel	What is the highest level of education you completed?	1=None 2=Primary 3=Middle/JSS/JHS 4=Voc/Comm 5=O Level 6=A Level 7=SSS/SHS 8=Training College 9=Tech/Prof 10=Tertiary 11=Koranic 12=Other (specify) -998=Don't know -999=Refused
Q30	roster_resp_education_other	[ENUMERATOR: Specify the highest level of education completed by the respondent, if other] Question relevant when: ${roster_resp_educationlevel} =12	(Text)
Q31	roster_resp_read	Can you read a phrase in English?	0=no 1=yes -998=Don't know -999=Refused
Q32	roster_resp_leadershiprole	Do you have a leadership role, or role of importance in the village? Select all that apply Response constrained to: if(selected(., 0), count-selected(.)=1, count-selected(.)>0)	0=No / none 1=Chief farmer 2=Lead farmer 3=Purchasing clerk 4=Queen mother 5=Farmer organisation leader 6=Other association leader 7=Church / mosque leader 8=Extension officer / trainer 9=Womens leader 10=Opinion leader 11=Assembly man/women 12=Elder 13=Village chief 14=Other 15=Gang Leader -998=Don't know -999=Refused
Q33	roster_resp_born_district	Were you born in this district?	0=no 1=yes -998=Don't know -999=Refused

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	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q34	roster_resp_migrate_yr	When did you last move to this place? [ENUMERATOR: Enter the year they moved] Don't know -998 Question relevant when: ${roster_resp_born_district} =0 Response constrained to: (string-length(.)=4 and int(.)>=1930 and int(.)<=2019) or .=-998	(Text)
Q35	roster_resp_migrate_mn	When did you last move to this place? [ENUMERATOR: Enter the month they moved] Question relevant when: ${roster_resp_born_district} =1	1=January 2=February 3=March 4=April 5=May 6=June 7=July 8=August 9=September 10=October 11=November 12=December -998=Don't know -999=Refused 99=None/ not applicable
Q36	roster_resp_migrate_reason	What was the main reason for moving to this district? Question relevant when: ${roster_resp_born_district} =0	1=Job transfer 2=Seeking employment 3=Own business 4=Spouse's employment 5=Accompanying parent 6=Marriage 7=Other family reason 8=Political / religious reasons 9=Education 10=Fire 11=Flood, famine, drought 12=To pursue cocoa farming opportunities 13=To pursue mining opportunities 14=other (specify) -998=Don't know -999=Refused
Q37	roster_resp_migrate_reason_o	If other, specify Question relevant when: ${roster_resp_migrate_reason} =14	(Text)
Q38	roster_resp_inc source	Last year, did you receive any income from… Select all that apply; READ ALL ANSWERS ALOUD (Do NOT read "Don't Know" or "Refused") Response constrained to: if(selected(., 0), count-selected(.)=1, count-selected(.)>0)	0=None / not applicable 1=Sale of cocoa 2=Sale of other crops 3=Sale of livestock or livestock products 4=Sale of fish 5=Sale of bush products (bush meat, charcoal, wood etc) 6=Labouring for other people on their farms 7=Labouring for other people non-agriculture 8=Artisinal or small-scale gold mining activities 9=Artisinal or small-scale mining activities for other minerals (not gold) 10=Own small business or trading 11=Salary employment with a company 12=Salary employment in

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	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
			government job (teacher, nurse, police, agric officer etc) 13=Sale or lease of land 14=Remittances - money given by friends and family who are living away from the household 15=Other -998=Don't know -999=Refused
Q39	roster_resp_inc source_o	If other, specify Question relevant when: selected(${roster_resp_incsource} , 15)	(Text)
Q40	roster_numadult	How many people age 12 or older live in this household? Response constrained to: .>=1	(Integer)
Q41	roster_numchild	How many people under the age of 12 live in this household?	(Integer)
	roster_error	ERROR: You earlier said that there are [roster_hhsize] members in this household. However, you then said there were [roster_numadult] individuals 12 and older and [roster_numchild] individuals under 12, for [roster_check] people total. This does not match the earlier number of members recorded for the household. Please correct this. Question relevant when: ${roster_hhsize} != ${roster_check}	(Note)
	All Survey > Household Head Details Group relevant when: ${roster_resp_headrel} !=1		
Q45	roster_head_na me	What is the household head's name?	(Text)
Q46	roster_head_se x	Sex?	0=male 1=female -998=Don't know -999=Refused
Q47	roster_head_ag e	Age (in years)? Don't know -998 Response constrained to: (.>=18 and .<=110) or .=-998	(Integer)
Q49	roster_head_ma rital	What is the marital status of the household head?	1=Single/Never married 2=Married/Partners living together 3=Betrothed/Engaged 4=Separate/Divorced 5=Widowed 6=Other -998=Don't know -999=Refused
Q50	roster_head_ed ucationlevel	What is the highest level of education completed by the household head?	1=None 2=Primary 3=Middle/JSS/JHS 4=Voc/Comm 5=O Level 6=A Level 7=SSS/SHS 8=Training College 9=Tech/Prof 10=Tertiary 11=Koranic 12=Other (specify) -998=Don't know -999=Refused
Q51	roster_head_ed ucation_other	[ENUMERATOR: Specify the highest level of education completed by the household head, if other] Question relevant when: ${roster_head_educationlevel} =12	(Text)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q52	roster_head_read	Can the household head read a phrase in English?	0=no 1=yes -998=Don't know -999=Refused
Q53	roster_head_leadershiprole	Does the household head have a leadership role, or role of importance in the village? Select all that apply Response constrained to: if(selected(., 0), count-selected(.)=1, count-selected(.)>0)	0=No / none 1=Chief farmer 2=Lead farmer 3=Purchasing clerk 4=Queen mother 5=Farmer organisation leader 6=Other association leader 7=Church / mosque leader 8=Extension officer / trainer 9=Womens leader 10=Opinion leader 11=Assembly man/women 12=Elder 13=Village chief 14=Other 15=Gang Leader -998=Don't know -999=Refused
Q54	roster_head_born_district	Was the household head born in this district?	0=no 1=yes -998=Don't know -999=Refused
Q55	roster_head_migrate_yr	When did the household head last move to this place? [ENUMERATOR: Enter the year they moved] Don't know -998 Question relevant when: ${roster_head_born_district} =0 Response constrained to: (string-length(.)=4 and int(.)>=1930 and int(.)<=2019) or .=-998	(Text)
Q56	roster_head_migrate_mn	When did the household head last move to this place? [ENUMERATOR: Enter the month they moved] Question relevant when: ${roster_head_born_district} =0	1=January 2=February 3=March 4=April 5=May 6=June 7=July 8=August 9=September 10=October 11=November 12=December -998=Don't know -999=Refused 99=None/ not applicable
Q57	roster_head_migrate_reason	What was the main reason for moving to this district? Question relevant when: ${roster_head_born_district} =0	1=Job transfer 2=Seeking employment 3=Own business 4=Spouse's employment 5=Accompanying parent 6=Marriage 7=Other family reason 8=Political / religious reasons 9=Education 10=Fire 11=Flood, famine, drought 12=To pursue cocoa farming opportunities 13=To pursue mining opportunities

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	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
			14=other (specify) -998=Don't know -999=Refused
Q58	roster_head_migrate_reason_o	If other, specify Question relevant when: ${roster_head_migrate_reason} =14	(Text)
Q59	roster_head_incsource	Last year, did the household head receive any income from… Select all that apply; READ ALL ANSWERS ALOUD (Do NOT read "Don't Know" or "Refused") Response constrained to: if(selected(., 0), count-selected(.)=1, count-selected(.)>0)	0=None / not applicable 1=Sale of cocoa 2=Sale of other crops 3=Sale of livestock or livestock products 4=Sale of fish 5=Sale of bush products (bush meat, charcoal, wood etc) 6=Labouring for other people on their farms 7=Labouring for other people non-agriculture 8=Artisinal or small-scale gold mining activities 9=Artisinal or small-scale mining activities for other minerals (not gold) 10=Own small business or trading 11=Salary employment with a company 12=Salary employment in government job (teacher, nurse, police, agric officer etc) 13=Sale or lease of land 14=Remittances - money given by friends and family who are living away from the household 15=Other -998=Don't know -999=Refused
Q60	roster_head_incsource_o	If other, specify Question relevant when: selected(${roster_head_incsource} , 15)	(Text)
	HH_roster	ENUMERATOR: Now let's list the OTHER people in this household who are age 12 or older. This list should not include yourself (the respondent) or the household head. Who is the first household member who is aged 12 or older? Question relevant when: ${roster_counter} >0	(Note)
	All Survey > HH_roster_repeat (1) Group relevant when: ${roster_counter} >0		
Q65	roster_name	Name The Household Head and the Respondent should NOT be included in the household roster. This should only include the other members of the household who are 12 or above.	(Text)
Q66	roster_sex	Sex	0=male 1=female -998=Don't know -999=Refused
Q67	roster_age	Age (in years) Response constrained to: (.>=12 and .<=110) or .=-998	(Integer)
Q68	roster_relationship	What is [roster_name]'s relationship to the household head?	1=Household Head 2=Spouse 3=Child

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	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
		The Household Head and the Respondent should NOT be included in the household roster. This should only include the other members of the household who are 12 or above. Response constrained to: .!=1	4=Grandchild 5=Parent/Parent-in-law 6=Son/Daughter-in-law 7=Other Relative 8=Adopted/Foster/Stepchild 9=House help 10=Non-relative -998=Don't know -999=Refused
Q69	roster_education	What is the highest level of education completed by [roster_name]?	1=None 2=Primary 3=Middle/JSS/JHS 4=Voc/Comm 5=O Level 6=A Level 7=SSS/SHS 8=Training College 9=Tech/Prof 10=Tertiary 11=Koranic 12=Other (specify) -998=Don't know -999=Refused
Q70	roster_education_other	[ENUMERATOR: Specify the highest level of education completed by [roster_name], if other] Question relevant when: ${roster_education} =12	(Text)
Q71	roster_incsource	Last year, what was [roster_name] main source of income? Select One. Do NOT read the answer choices. Response constrained to: if(selected(., 0), count-selected(.)=1, count-selected(.)>0)	0=None / not applicable 1=Sale of cocoa 2=Sale of other crops 3=Sale of livestock or livestock products 4=Sale of fish 5=Sale of bush products (bush meat, charcoal, wood etc) 6=Labouring for other people on their farms 7=Labouring for other people non-agriculture 8=Artisinal or small-scale gold mining activities 9=Artisinal or small-scale mining activities for other minerals (not gold) 10=Own small business or trading 11=Salary employment with a company 12=Salary employment in government job (teacher, nurse, police, agric officer etc) 13=Sale or lease of land 14=Remittances - money given by friends and family who are living away from the household 15=Other -998=Don't know -999=Refused
Q72	roster_incsource_o	If other, specify Question relevant when: selected(${roster_incsource} , 15)	(Text)

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MODULE C: ASSETS AND WELL-BEING

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
	mod_c_note	Module C: Poverty Scorecard, Household Assets and Subjective Well-being	(Note)
Q77	povscore_school	Are all household members ages 5 to 17 currently in school?	0=no 1=yes 2=Not applicable--no household members between 5-17 -998=Don't know -999=Refused
Q78	povscore_wall	What is the main construction material used for the outer wall?	1=Mud / Mud bricks 2=Wood / Bamboo 3=Metal sheet / Slate / Asbestos 4=Stone 5=Burnt bricks 6=Cement / concrete blocks 7=Landcrete 8=Palm leaves / Thatch / Grass /Raffia 9=Other (specify) -998=Don't know -999=Refused
Q79	povscore_wall_o	If other, specify Question relevant when: ${povscore_wall} =9	(Text)
Q80	povscore_toilet	What type of toilet facility is usually used the household?	1=Flush toilet 2=Pit latrine 3=KVIP 4=Pan/bucket 5=Public toilet (flush bucket / KVIP) 6=Toilet in another house 7=No toilet facility (bush, beach) 8=Other (specify) -998=Don't know -999=Refused
Q81	povscore_toilet_o	If other, specify Question relevant when: ${povscore_toilet} =8	(Text)
Q82	povscore_fuel	What is the main fuel used by the household for cooking?	1=None, no cooking 2=Wood 3=Charcoal 4=Gas 5=Electricity 6=Kerosene 7=Crop residue / sawdust 8=Animal waste 9=Other (specify) -998=Don't know -999=Refused
Q83	povscore_fuel_o	If other, specify Question relevant when: ${povscore_fuel} =9	(Text)
Q84	hhassets_iron	Does any household member own a working box iron or electric iron?	0=no 1=yes -998=Don't know -999=Refused
Q85	hhassets_audiovideo	Does any household member own a working television, video player, VCD/DVD/MP3/MP4 player/iPod, or satellite dish?	0=No 1=Only television 2=Video player, VCD/DVD/MP3/MP4 player/iPod, or satellite dish (regardless of T.V.) -998=Don't know -999=Refused
Q86	hhassets_phone	How many working mobile phones are owned by members of the household?	(Integer)

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		Don't know -998 Response constrained to: (.>=0 and .<=3* ${roster_hhsize}) or .=-998	
Q87	hhassets_transport	Does any household member own a working bicycle, motorcycle, or car?	0=None 1=Only bicycle 2=Motorcycle or car (regardless of bicycle) -998=Don't know -999=Refused
Q88	wellbeing_financial	Over the last year (during 2018), how satisfied are you with your household's financial situation? READ ALL ANSWERS ALOUD (Do NOT read "Don't Know" or "Refused")	1=Not at all satisfied 2=Less than satisfied 3=Somehow satisfied 4=Fully satisfied -998=Don't know -999=Refused
Q89	wellbeing_cocoa yield	Over the last year (during 2018),how satisfied are you with your household's output (yield per acre) of cocoa? READ ALL ANSWERS ALOUD (Do NOT read "Don't Know" or "Refused")	1=Not at all satisfied 2=Less than satisfied 3=Somehow satisfied 4=Fully satisfied -998=Don't know -999=Refused
Q90	wellbeing_cocoa income	Over the last year (during 2018), how satisfied are you with your household's income from cocoa? READ ALL ANSWERS ALOUD (Do NOT read "Don't Know" or "Refused")	1=Not at all satisfied 2=Less than satisfied 3=Somehow satisfied 4=Fully satisfied -998=Don't know -999=Refused
Q91	wellbeing_ladder_2019	[ENUMERATOR: TAKE OUT PICTURE OF LADDER AND PLACE IN FRONT OF RESPONDENT.] Imagine a 10-step ladder where on the bottom, the FIRST step, stand the poorest people, and on the highest step, the TENTH, stand the richest. On which step are you today? (response from 1-10) Response constrained to: .>=1 and .<=10	(Integer)
Q92	wellbeing_ladder_2017	Now please think of your situation in early 2017. On which step of the ladder were you in then, 2 years ago? Response constrained to: .>=1 and .<=10	(Integer)
Q93	econ_outlook	How do you expect the financial outlook of your household to change over the next 2 years? Do you expect it to… READ ALL ANSWERS ALOUD (Do NOT read "Don't Know" or "Refused")	1=Get worse 2=Stay the same 3=Get better -998=Don't know -999=Refused
	note_savings	ENUMERATOR: Now we would like to ask you about savings and loans.	(Note)
Q95	loan_lastyear_yn	Over the last year, did you or another household member borrow any money from anyone? Including loans from friends, banks, money lenders, licensed buying companies, etc.	0=no 1=yes -998=Don't know -999=Refused
	All Survey > loan_yes Group relevant when: ${loan_lastyear_yn} =1		
Q97	loan_source	From whom did you borrow money last year? Select all that apply	1=Family or friends 2=Village money lender 3=LBC or PC (licenced buying company or purchasing clerk) 4=VSLA/ISLC (Informal savings and loans group) 5=Savings and Credit Cooperative (SACCO) / Credit Union 6=Microfinance institution (MFI) 7=Bank 8=Trader 9=Company 10=Church / Mosque 11=Self-financed

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			12=Other -998=Don't know -999=Refused
Q98	loan_source_o	Other (specify) Question relevant when: selected(${loan_source} ,'12')	(Text)
Q99	loan_amount	How much did you borrow? Don't know -998 Response constrained to: .>0 or .=-998	(Integer)
Q100	loan_repayment _success	Were you able to repay the loan within the agreed repayment period?	0=no 1=yes 2=loan is ongoing -998=Don't know -999=Refused
Q101	loan_repayment _c	What did you use for collateral? Select all that apply	1=Land 2=House 3=Furniture 4=Crops 5=Livestock 6=Vehicle / motorbike 7=Cash deposit 8=none 9=Customary land certificate / FarmSeal document 10=Other land document 11=Other -998=Don't know -999=Refused
Q102	loan_use	How did you use the money borrowed last year? Select all that apply	1=Seedlings 2=Inputs (fertilizer, herbicides, pesticides) 3=Hired labourers 4=Farm tools 5=Hire machinary, tractor 6=Buy Machinary, tractor 7=Car or motorbike 8=Buy land or lease land 9=Transport costs 10=Storage 11=Repair machinary 12=Processing 13=Farmer organisation membership fees 14=School fees 15=Clothes 16=Food for consumption 17=Funeral costs 19=Wedding costs 20=Small business / trade 18=Other -998=Don't know -999=Refused
Q103	loan_use_other	Other (specify) Question relevant when: selected(${loan_use} ,'18')	(Text)
Q105	noloan_whynot	If you didn't borrow any money last year, why not? Select all that apply Question relevant when: ${loan_lastyear_yn} =0	1=Not available in the community 2=Interest rate too high 3=Repay period too short 4=Lack of collatoral /security 5=I didn't need a loan 6=I don't want to be in debt 7=Spouse refused 8=Other -998=Don't know -999=Refused

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	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q106	noloan_whynot_o	If other, specify Question relevant when: selected(${noloan_whynot} , 8)	(Text)

MODULE D: FOOD SECURITY

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
	mod_d_note	Module D: Food Security	(Note)
	note_hunger_score	ENUMERATOR: Now I would like to ask you some questions about the availability of food in your home in the past [4 weeks / 30 days].	(Note)
Q110	hunger_nofood	In the past [4 weeks/30 days], was there ever no food to eat of any kind in your house because of lack of resources to get food? This question asks about a situation in which there is no food to eat of any kind in the house because food was not available to household members through usual means (e.g., through purchase or barter, gifts, from the garden or farm from storage structures).	0=no 1=yes -998=Don't know -999=Refused
Q111	hunger_nofood_freq	How often did this happen in the past [4 weeks/30 days]? READ ALL ANSWERS ALOUD (Do NOT read "Don't Know" or "Refused") Question relevant when: ${hunger_nofood} =1	1=Rarely (1-2 times) 2=Sometimes (3-10 times) 3=Often (more than 10 times) -998=Don't know -999=Refused
Q112	hunger_sleephungry	In the past [4 weeks/30 days], did you or any household member go to sleep at night hungry because there was not enough food? This question asks whether the respondent or other household members felt hungry at bedtime because they did not have enough food to eat during the day and evening.	0=no 1=yes -998=Don't know -999=Refused
Q113	hunger_sleephungry_freq	How often did this happen in the past [4 weeks/30 days]? READ ALL ANSWERS ALOUD (Do NOT read "Don't Know" or "Refused") Question relevant when: ${hunger_sleephungry} =1	1=Rarely (1-2 times) 2=Sometimes (3-10 times) 3=Often (more than 10 times) -998=Don't know -999=Refused
Q114	hunger_fullday	In the past [4 weeks/30 days], did you or any household member go a whole day and night without eating anything at all because there was not enough food? This question asks whether any household member did not eat from the time they awoke in the morning to the time they awoke the following morning because there was not enough food. A person who chooses not to eat for a whole day for reasons other than lack of food (for example, if fasting or on a diet) should not respond affirmatively	0=no 1=yes -998=Don't know -999=Refused
Q115	hunger_fullday_freq	How often did this happen in the past [4 weeks/30 days]? READ ALL ANSWERS ALOUD (Do NOT read "Don't Know" or "Refused") Question relevant when: ${hunger_fullday} =1	1=Rarely (1-2 times) 2=Sometimes (3-10 times) 3=Often (more than 10 times) -998=Don't know -999=Refused

MODULE E: GENERAL AGRICULTURAL PRODUCTION

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
	mod_e_note	Module E: General Agicultural Production	(Note)
Q118	agprod_incsource_biggest1	Overall, what was your household's BIGGEST source of income last year (2018)?	0=None / not applicable 1=Sale of cocoa 2=Sale of other crops 3=Sale of livestock or livestock products 4=Sale of fish 5=Sale of bush products (bush meat, charcoal, wood etc) 6=Labouring for other people on their farms 7=Labouring for other people non-agriculture 8=Artisinal or small-scale gold mining activities 9=Artisinal or small-scale mining activities for other minerals (not gold)

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	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
			10=Own small business or trading 11=Salary employment with a company 12=Salary employment in government job (teacher, nurse, police, agric officer etc) 13=Sale or lease of land 14=Remittances - money given by friends and family who are living away from the household 15=Other -998=Don't know -999=Refused
Q119	agprod_incsource_biggest1_o	If other, specify Question relevant when: ${agprod_incsource_biggest1} =15	(Text)
Q120	agprod_incsource_biggest2	Overall, what was your household's SECOND BIGGEST source of income last year (2018)? Question relevant when: not(selected(${agprod_incsource_biggest1} , 0)) Response constrained to: .!= ${agprod_incsource_biggest1}	0=None / not applicable 1=Sale of cocoa 2=Sale of other crops 3=Sale of livestock or livestock products 4=Sale of fish 5=Sale of bush products (bush meat, charcoal, wood etc) 6=Labouring for other people on their farms 7=Labouring for other people non-agriculture 8=Artisinal or small-scale gold mining activities 9=Artisinal or small-scale mining activities for other minerals (not gold) 10=Own small business or trading 11=Salary employment with a company 12=Salary employment in government job (teacher, nurse, police, agric officer etc) 13=Sale or lease of land 14=Remittances - money given by friends and family who are living away from the household 15=Other -998=Don't know -999=Refused
Q121	agprod_incsource_biggest2_o	If other, specify Question relevant when: ${agprod_incsource_biggest2} =15	(Text)
Q122	agprod_incsource_biggest3	Overall, what was your household's THIRD BIGGEST source of income last year (2018)? Question relevant when: not(selected(${agprod_incsource_biggest2} , 0)) and count-selected(${agprod_incsource_biggest2})>0 Response constrained to: .!= ${agprod_incsource_biggest1} and .!= ${agprod_incsource_biggest2}	0=None / not applicable 1=Sale of cocoa 2=Sale of other crops 3=Sale of livestock or livestock products 4=Sale of fish 5=Sale of bush products (bush meat, charcoal, wood etc) 6=Labouring for other people on their farms 7=Labouring for other people non-agriculture

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	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
			8=Artisinal or small-scale gold mining activities 9=Artisinal or small-scale mining activities for other minerals (not gold) 10=Own small business or trading 11=Salary employment with a company 12=Salary employment in government job (teacher, nurse, police, agric officer etc) 13=Sale or lease of land 14=Remittances - money given by friends and family who are living away from the household 15=Other -998=Don't know -999=Refused
Q123	agprod_incsource_biggest3_o	If other, specify Question relevant when: ${agprod_incsource_biggest3} =15	(Text)
	All Survey > incomes		
	agprod_incsource_pct	Based on your earlier answers, what PERCENT of your HOUSEHOLD's TOTAL INCOME came from… Income percentages for sale of cocoa and sale of other crops must not exceed 100%	(Note)
Q129	agprod_incsource_pct_cocoa	Sale of cocoa Don't know = -998 Refused = -999 Response constrained to: (.>=0 and .<=100) or .=-999 or .=-998	(Integer)
Q130	agprod_incsource_pct_crops	Sale of other crops Don't know = -998 Refused = -999 Response constrained to: (.>=0 and .<=100) or .=-999 or .=-998	(Integer)
Q131	agprod_incsource_pct_b1	[agprod_incsource_biggest1_name] Question relevant when: not(selected(${agprod_incsource_biggest1} , 0)) and not(selected(${agprod_incsource_biggest1} , 1)) and not(selected(${agprod_incsource_biggest1} , 2)) Response constrained to: (.>=0 and .<=100) or .=-999 or .=-998	(Integer)
Q132	agprod_incsource_pct_b2	[agprod_incsource_biggest2_name] Question relevant when: not(selected(${agprod_incsource_biggest2} , 0)) and not(selected(${agprod_incsource_biggest2} , 1)) and not(selected(${agprod_incsource_biggest2} , 2)) Response constrained to: (.>=0 and .<=100) or .=-999 or .=-998	(Integer)
Q133	agprod_incsource_pct_b3	[agprod_incsource_biggest3_name] Question relevant when: not(selected(${agprod_incsource_biggest3} , 0)) and not(selected(${agprod_incsource_biggest3} , 1)) and not(selected(${agprod_incsource_biggest3} , 2)) Response constrained to: (.>=0 and .<=100) or .=-999 or .=-998	(Integer)
	income_perc_error	ERROR: Income from all income sources has been calculated as 0%. It should not be higher than 100% - go back and check. Question relevant when: ${income_perc_calc} >100	(Note)
Q137	agprod_crops_produced	What were ALL the crops your household PRODUCED last year? Select all that apply Response constrained to: if(selected(., 50), count-selected(.)=1, count-selected(.)>0)	(Select from Crop Code List)
Q138	agprod_crops_produced_o	Other (specify) Question relevant when: selected(${agprod_crops_produced} ,49)	(Text)
Q139	agprod_crops_sold	Of the crops your household produced, what were ALL the crops your household SOLD last year? Select all that apply Question relevant when: not(selected(${agprod_crops_produced} , 50)) Response constrained to: if(selected(., 50), count-selected(.)=1, count-selected(.)>0)	(Select from Crop Code List)
Q140	agprod_crops_sold_o	Other (specify) Question relevant when: selected(${agprod_crops_sold} ,49)	(Text)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q141	agprod_crops_important1	What was your household's MOST important crop last year? Question relevant when: not(selected(${agprod_crops_produced} , 50))	(Select from Crop Code List)
Q142	agprod_crops_important1_o	Other (specify) Question relevant when: selected(${agprod_crops_important1} ,49)	(Text)
Q143	agprod_crops_important2	What was your household's SECOND MOST important crop last year? Question relevant when: not(selected(${agprod_crops_produced} , 50)) Response constrained to: .!= ${agprod_crops_important1}	(Select from Crop Code List)
Q144	agprod_crops_important2_o	Other (specify) Question relevant when: selected(${agprod_crops_important2} ,49)	(Text)
Q145	agprod_land_unit	What land unit do you know best in your village?	1=acre(s) 2=hectare(s) 3=pole(s) 4=plots 5=rope -998=Don't know -999=Refused
Q147	agprod_land_known	Do you know how many [agprod_land_unit_name] your household used to cultivate ALL crops last year?	0=no 1=yes -998=Don't know -999=Refused
	All Survey > Land - general		
Q149	agprod_land_cultivated	How many [agprod_land_unit_name] did your household use to cultivate ALL YOUR CROPS last year? Don't know -998	(Decimal)
Q150	agprod_land_owned	How many [agprod_land_unit_name] did your household OWN in total last year? (land the household considers to be 'theirs') For all crops, grazing, fallow etc Don't know -998	(Decimal)
Q151	agprod_land_leased	How many [agprod_land_unit_name] did your household LEASE IN from others last year? Paying money to use someone elses land Don't know -998	(Decimal)
Q152	agprod_land_abunu	How many [agprod_land_unit_name] did your household do ABUNU SHARECROPPING on other people's land last year? A customary arrangement where a tenant farmer works the land to establish a farm, and shares a portion of the harvest with landlord/landowner. The farm is divided between tenant farmer and landowner after a set number of years. Don't know -998	(Decimal)
Q153	agprod_land_abusa	How many [agprod_land_unit_name] did your household do ABUSA SHARECROPPING on other people's land last year? Under abusa (a third share), a landowner establishes a farm, and the sharecropper is brought in with the responsibility for farm maintenance. The sharecropper keeps one-third of the crop proceeds, the landowner keeps one-third, and the last one-third is used to finance inputs. Variants of this are possible: the sharing terms may vary in proportion to the contribution of resources and effort to the farm operation by the various parties. Some abusa stranger farmers may gain some land rights, while others may be pure caretakers who have no land rights and simply get paid with a portion of the proceeds. Don't know -998	(Decimal)
Q154	agprod_land_fallow	How many [agprod_land_unit_name] did your household leave fallow last year? fallow means left to rest, uncultivated Don't know -998	(Decimal)
Q155	agprod_land_forest	How many [agprod_land_unit_name] did your household leave as forest or secondary forest last year? land that has been maintained as forest or reverted to secondary forest through fallowing for several years Don't know -998	(Decimal)
Q156	agprod_land_numlandfarms	How many separate farms did your household cultivate crops on last year? See the guide for how to count "separate farms" Don't know=-998 Response constrained to: .>=1 or .=-998	(Integer)
Q159	agprod_land_leasedout_yn	Was any of the land your household owns LEASED OUT to others last year? Rented out to others for money	0=no 1=yes -998=Don't know -999=Refused

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q160	agprod_land_lea sedout_landunit	How many [agprod_land_unit_name] did your household lease out to others last year? Don't know -998 Question relevant when: ${agprod_land_leasedout_yn} =1	(Decimal)
Q161	agprod_land_lea sedout_abunu_y n	Was there an ABUNU sharecropper on any of your household's land last year?	0=no 1=yes -998=Don't know -999=Refused
Q162	agprod_land_lea sedout_abunu_l u	How many [agprod_land_unit_name] of your household's land were ABUNU sharecroppers working on last year? Don't know -998 Question relevant when: ${agprod_land_leasedout_abunu_yn} =1	(Decimal)
Q163	agprod_land_lea sedout_abusa_y n	Was there an ABUSA sharecropper on any of your household's land last year?	0=no 1=yes -998=Don't know -999=Refused
Q164	agprod_land_lea sedout_abusa_l u	How many [agprod_land_unit_name] of your household's land were ABUSA sharecroppers working on last year? Don't know -998 Question relevant when: ${agprod_land_leasedout_abusa_yn} =1	(Decimal)
	All Survey > Cocoa		
	agprod_cocoa_s tart	Earlier you said that cocoa was a crop that you farmed. I would now like to ask you more detailed questions about your household's cocoa last year…	(Note)
Q167	agprod_cocoa_l and_known_yn	Do you know how many [agprod_land_unit_name] your household used to cultivate COCOA last year?	0=no 1=yes -998=Don't know -999=Refused
	All Survey > Cocoa > Land - cocoa		
	Group relevant when: ${agprod_cocoa _land_known_y n} =1		
Q169	agprod_cocoa_l and_used	How many [agprod_land_unit_name] did your household USE for cocoa last year? Don't know -998	(Decimal)
Q170	agprod_cocoa_l and_owned	Of the land you used for cocoa, how many [agprod_land_unit_name] of cocoa did your household OWN last year? Land the household considers to be theirs Don't know -998 Question relevant when: ${agprod_land_owned} > 0	(Decimal)
Q171	agprod_cocoa_l and_leased	How many [agprod_land_unit_name] did your household LEASE (rent) for cocoa last year? renting land owned by others (paying to use someone elses land) Don't know -998 Question relevant when: ${agprod_land_leased} > 0	(Decimal)
Q172	agprod_cocoa_l and_share_abun u	How many [agprod_land_unit_name] did your household do ABUNU SHARECROPPING for cocoa last year? They did not own or lease land, but they gave a share of their harvest to the landowner Don't know -998 Question relevant when: ${agprod_land_abunu} > 0	(Decimal)
Q173	agprod_cocoa_l and_share_abus a	How many [agprod_land_unit_name] did your household do ABUSA SHARECROPPING for cocoa last year? They did not own or lease land, but they gave a share of their harvest to the landowner Don't know -998 Question relevant when: ${agprod_land_abusa} > 0	(Decimal)
Q175	agprod_cocoa_l and_numlandfar ms	How many separate farms did your household cultivate cocoa on last year? See the guide for how to count "separate farms" Don't know=-998 Response constrained to: .>=1 or .=-998	(Integer)
	agprod_note_co coa_land_error 1	ERROR: Land cultivated for all crops was [agprod_land_cultivated][agprod_land_unit_name]. Land used for cocoa was [agprod_cocoa_land_used][agprod_land_unit_name]. This is not possible, go back and	(Note)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
		checkQuestion relevant when: ${agprod_cocoa_land_used} > ${agprod_land_cultivated}	
	agprod_note_cocoa_land_error2	ERROR: The land used for cocoa was said to be [agprod_cocoa_land_used][agprod_land_unit_name]. The sum of cocoa land owned + leased + sharecropped was 0[agprod_land_unit_name]. Go back and check this. Question relevant when: ${agprod_cocoa_land_calc} > ${agprod_cocoa_land_used}	(Note)
Q179	cocoa_prod_unit_pref	What unit of measurement do you use for cocoa?	1=Bags 2=KGs 3=Bunches 4=Baskets -998=Don't know -999=Refused
Q181	cocoa_unit_kgs	How big is 1 [cocoa_prod_unit] of cocoa in KGs? Don't know -998 Question relevant when: ${cocoa_prod_unit_pref} !=1	(Integer)
Q182	cocoa_prod_known_yn	Do you know how many [cocoa_prod_unit] of cocoa your household produced in the 2018-2019 cocoa season?	0=no 1=yes -998=Don't know -999=Refused
	All Survey > Cocoa > Cocoa production		
	Group relevant when: ${cocoa_prod_known_yn} =1		
Q184	cocoa_prod_main_season	How many [cocoa_prod_unit] of cocoa did your household produce in the MAIN season 2018-2019? The MAIN season is from October 2018 - January 2019 Don't know -998	(Decimal)
Q185	cocoa_prod_light_season	How many [cocoa_prod_unit] of cocoa did your household produce in the LIGHT season for 2018? The LIGHT season is from February - September 2018 Don't know -998	(Decimal)
Q187	agprod_cocoa_years	For how many years has your household been growing cocoa?	1=1-5 years 2=6-10 years 3=11-15 years 4=16-20 years 5=20-24 years 6=25 years or more -998=Don't know -999=Refused
Q188	agprod_cocoa_land_incdecnc_5ago	Compared with 5 years ago, did your household increase, decrease, or keep the same amount of land under cocoa?	1=Increase 2=Decrease 3=No change -998=Don't know -999=Refused
Q189	agprod_cocoa_land_inc_how_5ago	How did your household increase the amount of land under cocoa? Select all that apply Question relevant when: ${agprod_cocoa_land_incdecnc_5ago} =1	1=Inherited land 2=cleared existing forest or fallow land already held by the family 3=switched from other crops to cocoa 4=cleared other forest or fallow land 5=entered into a new abunu arrangement to farm someone else's land 6=Purchased land 7=Leased land in 9=Other (specify) -998=Don't know -999=Refused to answer

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	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q190	agprod_cocoa_land_inc_other	Other (specify) Question relevant when: selected(${agprod_cocoa_land_inc_how_5ago} , '9')	(Text)
Q191	agprod_cocoa_land_dec_how_5ago	How did your household decrease the amount of land under cocoa? Select all that apply Question relevant when: ${agprod_cocoa_land_incdecnc_5ago} =2	1=switched to other crops 2=left additional land as fallow 3=left additional land to revert to forest 4=sold land for mining 5=sold land for a purpose other than mining 8=Other (specify) -998=Don't know -999=Refused to answer
Q192	agprod_cocoa_land_dec_other	Other (specify) Question relevant when: selected(${agprod_cocoa_land_dec_how_5ago} ,'8')	(Text)
Q193	agprod_shadetrees	Do any of the farms where you cultivated cocoa last year include shade trees?	0=no 1=yes -998=Don't know -999=Refused
Q194	agprod_shadetrees_occurring	Are these shade trees naturally occurring or were they planted? Select all that apply Question relevant when: ${agprod_shadetrees} =1 Response constrained to: if(selected(., -998) or selected(., -999), count-selected(.)=1, count-selected(.)>0)	1=Naturally occurring 2=Planted -998=Don't know -999=Refused
Q195	agprod_shadetrees_year	Which year were most of these shade trees planted? Don't know -998 Question relevant when: selected(${agprod_shadetrees_occurring} , 2) Response constrained to: (.>=1940 and .<=2019) or .=-998	(Integer)
Q198	cocoa_landclear_bush_yn	Did your household do any land clearing of bush for new cocoa last year? e.g. slashing, clearing of bush or fallow before preparation and planting	0=no 1=yes -998=Don't know -999=Refused
Q199	other_landclear_bush_yn	Did your household do any land clearing of bush for any other purposes last year?	0=no 1=yes -998=Don't know -999=Refused
Q200	other_landclear_reason	If yes, for what purpose? Question relevant when: ${other_landclear_bush_yn} =1	(Text)
Q201	cocoa_landclear_forest_yn	Did your household do any land clearing of forest for new cocoa or other purposes last year? e.g. clearing of secondary or primary forest before preparation and planting	0=no 1=yes -998=Don't know -999=Refused
	All Survey > Cocoa > Cocoa - land clearing		
Q203	cocoa_landclear_times	How many times did your household do any land clearing for cocoa last year? Don't know -998 Response constrained to: .>=0 or .=-998	(Integer)
Q204	cocoa_landclear_lu	How many [agprod_land_unit_name] of land were cleared by your household for cocoa last year? Don't know -998 Question relevant when: ${cocoa_landclear_times} >=1 Response constrained to: .>=0 or .=-998	(Decimal)
	All Survey > Cocoa > Cocoa - land clearing		
	Group relevant when: ${cocoa_landclear_times} >=1		
Q207	cocoa_landclear_hhhiredcom	Who did land clearing for cocoa - household, hired or communal labour or a company? Select all that apply	1=Household 2=Hired

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
			3=Communal 4=Company -998=Don't know -999=Refused
Q208	cocoa_landclear _gender	Who did land clearing for cocoa - men, women or both?	0=male 1=female 2=both male and female -998=Don't know -999=Refused
	All Survey > Cocoa > Cocoa - Land clearing, number of days, FIRST TIME		
	Group relevant when: ${cocoa_landcle ar_times} >=1		
Q211	cocoa_landclear 1_months	In which months was land clearing done for cocoa the FIRST TIME? Select all that apply Response constrained to: if(selected(., 99), count-selected(.)=1, count-selected(.)>0)	1=January 2=February 3=March 4=April 5=May 6=June 7=July 8=August 9=September 10=October 11=November 12=December -998=Don't know -999=Refused 99=None/ not applicable
	All Survey > Cocoa > Cocoa - Land clearing, number of days, FIRST TIME > Months repeat (1)		
Q213	landclear1_hh_ worker_cnt	How many household members worked on clearing land for cocoa the FIRST TIME in January Don't know -998	(Integer)
		Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	
Q214	landclear1_hh_ worker_days	How many days on average did these household members work on clearing land for cocoa the FIRST TIME in January Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q215	landclear1_hired _cnt	How many hired laborers worked on clearing land for cocoa the FIRST TIME in January Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q216	landclear1_hired _days	How many days on average did these hired laborers work on clearing land for cocoa the FIRST TIME in January Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2)	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
		Response constrained to: (.>=0 and .<=31) or .=-998	
Q217	landclear1_communal_cnt	How many communal laborers worked on clearing land for cocoa the FIRST TIME in January Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q218	landclear1_communal_days	How many days on average did these communal laborers work on clearing land for cocoa the FIRST TIME in January Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - Land clearing, number of days, FIRST TIME > Months repeat (2)		
Q213	landclear1_hh_worker_cnt	How many household members worked on clearing land for cocoa the FIRST TIME in February Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q214	landclear1_hh_worker_days	How many days on average did these household members work on clearing land for cocoa the FIRST TIME in February Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q215	landclear1_hired_cnt	How many hired laborers worked on clearing land for cocoa the FIRST TIME in February Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q216	landclear1_hired_days	How many days on average did these hired laborers work on clearing land for cocoa the FIRST TIME in February Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q217	landclear1_communal_cnt	How many communal laborers worked on clearing land for cocoa the FIRST TIME in February Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q218	landclear1_communal_days	How many days on average did these communal laborers work on clearing land for cocoa the FIRST TIME in February Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)

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	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
	All Survey > Cocoa > Cocoa - Land clearing, number of days, FIRST TIME > Months repeat (3)		
Q213	landclear1_hh_worker_cnt	How many household members worked on clearing land for cocoa the FIRST TIME in March Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q214	landclear1_hh_worker_days	How many days on average did these household members work on clearing land for cocoa the FIRST TIME in March Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q215	landclear1_hired_cnt	How many hired laborers worked on clearing land for cocoa the FIRST TIME in March Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q216	landclear1_hired_days	How many days on average did these hired laborers work on clearing land for cocoa the FIRST TIME in March Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q217	landclear1_communal_cnt	How many communal laborers worked on clearing land for cocoa the FIRST TIME in March Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q218	landclear1_communal_days	How many days on average did these communal laborers work on clearing land for cocoa the FIRST TIME in March Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - Land clearing, number of days, FIRST TIME > Months repeat (4)		
Q213	landclear1_hh_worker_cnt	How many household members worked on clearing land for cocoa the FIRST TIME in April Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q214	landclear1_hh_worker_days	How many days on average did these household members work on clearing land for cocoa the FIRST TIME in April Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q215	landclear1_hired _cnt	How many hired laborers worked on clearing land for cocoa the FIRST TIME in April Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q216	landclear1_hired _days	How many days on average did these hired laborers work on clearing land for cocoa the FIRST TIME in April Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q217	landclear1_com munal_cnt	How many communal laborers worked on clearing land for cocoa the FIRST TIME in April Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q218	landclear1_com munal_days	How many days on average did these communal laborers work on clearing land for cocoa the FIRST TIME in April Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - Land clearing, number of days, FIRST TIME > Months repeat (5)		
Q213	landclear1_hh_ worker_cnt	How many household members worked on clearing land for cocoa the FIRST TIME in May Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q214	landclear1_hh_ worker_days	How many days on average did these household members work on clearing land for cocoa the FIRST TIME in May Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q215	landclear1_hired _cnt	How many hired laborers worked on clearing land for cocoa the FIRST TIME in May Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q216	landclear1_hired _days	How many days on average did these hired laborers work on clearing land for cocoa the FIRST TIME in May Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q217	landclear1_com munal_cnt	How many communal laborers worked on clearing land for cocoa the FIRST TIME in May Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q218	landclear1_com munal_days	How many days on average did these communal laborers work on clearing land for cocoa the FIRST TIME in May Don't know -998	(Integer)

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	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
		Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	
	All Survey > Cocoa > Cocoa - Land clearing, number of days, FIRST TIME > Months repeat (6)		
Q213	landclear1_hh_worker_cnt	How many household members worked on clearing land for cocoa the FIRST TIME in June Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q214	landclear1_hh_worker_days	How many days on average did these household members work on clearing land for cocoa the FIRST TIME in June Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q215	landclear1_hired_cnt	How many hired laborers worked on clearing land for cocoa the FIRST TIME in June Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q216	landclear1_hired_days	How many days on average did these hired laborers work on clearing land for cocoa the FIRST TIME in June Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q217	landclear1_communal_cnt	How many communal laborers worked on clearing land for cocoa the FIRST TIME in June Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q218	landclear1_communal_days	How many days on average did these communal laborers work on clearing land for cocoa the FIRST TIME in June Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - Land clearing, number of days, FIRST TIME > Months repeat (7)		
Q213	landclear1_hh_worker_cnt	How many household members worked on clearing land for cocoa the FIRST TIME in July Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q214	landclear1_hh_worker_days	How many days on average did these household members work on clearing land for cocoa the FIRST TIME in July Don't know -998	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
		Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	
Q215	landclear1_hired _cnt	How many hired laborers worked on clearing land for cocoa the FIRST TIME in July Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q216	landclear1_hired _days	How many days on average did these hired laborers work on clearing land for cocoa the FIRST TIME in July Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q217	landclear1_com munal_cnt	How many communal laborers worked on clearing land for cocoa the FIRST TIME in July Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q218	landclear1_com munal_days	How many days on average did these communal laborers work on clearing land for cocoa the FIRST TIME in July Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - Land clearing, number of days, FIRST TIME > Months repeat (8)		
Q213	landclear1_hh_ worker_cnt	How many household members worked on clearing land for cocoa the FIRST TIME in August Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q214	landclear1_hh_ worker_days	How many days on average did these household members work on clearing land for cocoa the FIRST TIME in August Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q215	landclear1_hired _cnt	How many hired laborers worked on clearing land for cocoa the FIRST TIME in August Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q216	landclear1_hired _days	How many days on average did these hired laborers work on clearing land for cocoa the FIRST TIME in August Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q217	landclear1_com munal_cnt	How many communal laborers worked on clearing land for cocoa the FIRST TIME in August Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)

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	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q218	landclear1_com munal_days	How many days on average did these communal laborers work on clearing land for cocoa the FIRST TIME in August Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - Land clearing, number of days, FIRST TIME > Months repeat (9)		
Q213	landclear1_hh_ worker_cnt	How many household members worked on clearing land for cocoa the FIRST TIME in September Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q214	landclear1_hh_ worker_days	How many days on average did these household members work on clearing land for cocoa the FIRST TIME in September Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q215	landclear1_hired _cnt	How many hired laborers worked on clearing land for cocoa the FIRST TIME in September Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q216	landclear1_hired _days	How many days on average did these hired laborers work on clearing land for cocoa the FIRST TIME in September Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q217	landclear1_com munal_cnt	How many communal laborers worked on clearing land for cocoa the FIRST TIME in September Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q218	landclear1_com munal_days	How many days on average did these communal laborers work on clearing land for cocoa the FIRST TIME in September Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - Land clearing, number of days, FIRST TIME > Months repeat (10)		
Q213	landclear1_hh_ worker_cnt	How many household members worked on clearing land for cocoa the FIRST TIME in October Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q214	landclear1_hh_worker_days	How many days on average did these household members work on clearing land for cocoa the FIRST TIME in October Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q215	landclear1_hired_cnt	How many hired laborers worked on clearing land for cocoa the FIRST TIME in October Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q216	landclear1_hired_days	How many days on average did these hired laborers work on clearing land for cocoa the FIRST TIME in October Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q217	landclear1_communal_cnt	How many communal laborers worked on clearing land for cocoa the FIRST TIME in October Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q218	landclear1_communal_days	How many days on average did these communal laborers work on clearing land for cocoa the FIRST TIME in October Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - Land clearing, number of days, FIRST TIME > Months repeat (11)		
Q213	landclear1_hh_worker_cnt	How many household members worked on clearing land for cocoa the FIRST TIME in November Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q214	landclear1_hh_worker_days	How many days on average did these household members work on clearing land for cocoa the FIRST TIME in November Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q215	landclear1_hired_cnt	How many hired laborers worked on clearing land for cocoa the FIRST TIME in November Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q216	landclear1_hired_days	How many days on average did these hired laborers work on clearing land for cocoa the FIRST TIME in November Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)

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	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q217	landclear1_communal_cnt	How many communal laborers worked on clearing land for cocoa the FIRST TIME in November Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q218	landclear1_communal_days	How many days on average did these communal laborers work on clearing land for cocoa the FIRST TIME in November Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - Land clearing, number of days, FIRST TIME > Months repeat (12)		
Q213	landclear1_hh_worker_cnt	How many household members worked on clearing land for cocoa the FIRST TIME in December Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q214	landclear1_hh_worker_days	How many days on average did these household members work on clearing land for cocoa the FIRST TIME in December Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q215	landclear1_hired_cnt	How many hired laborers worked on clearing land for cocoa the FIRST TIME in December Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q216	landclear1_hired_days	How many days on average did these hired laborers work on clearing land for cocoa the FIRST TIME in December Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q217	landclear1_communal_cnt	How many communal laborers worked on clearing land for cocoa the FIRST TIME in December Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q218	landclear1_communal_days	How many days on average did these communal laborers work on clearing land for cocoa the FIRST TIME in December Don't know -998 Question relevant when: selected(${cocoa_landclear1_months} , ${landclear1_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q220	cocoa_landclear1_hired_cost	What is the daily rate in CEDIS for a hired labourer for land clearing? Don't know -998 Question relevant when: selected(${cocoa_landclear_hhhiredcom} , '2') Response constrained to: .>0 or .=-998	(Integer)

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	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
	All Survey > Cocoa > Cocoa - Land clearing, number of days, SECOND TIME		
	Group relevant when: ${cocoa_landclear_times} >=2		
Q223	cocoa_landclear2_months	In which months was land clearing done for cocoa the SECOND TIME? Select all that apply	1=January 2=February 3=March 4=April 5=May 6=June 7=July 8=August 9=September 10=October 11=November 12=December -998=Don't know -999=Refused 99=None/ not applicable
	All Survey > Cocoa > Cocoa - Land clearing, number of days, SECOND TIME > Months repeat (1)		
Q225	landclear2_hh_worker_cnt	How many household members worked on clearing land for cocoa the SECOND TIME in January Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q226	landclear2_hh_worker_days	How many days on average did these household members work on clearing land for cocoa the SECOND TIME in January Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q227	landclear2_hired_cnt	How many hired laborers worked on clearing land for cocoa the SECOND TIME in January Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q228	landclear2_hired_days	How many days on average did these hired laborers work on clearing land for cocoa the SECOND TIME in January Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q229	landclear2_communal_cnt	How many communal laborers worked on clearing land for cocoa the SECOND TIME in January Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q230	landclear2_communal_days	How many days on average did these communal laborers work on clearing land for cocoa the SECOND TIME in January Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - Land clearing, number of days, SECOND TIME > Months repeat (2)		
Q225	landclear2_hh_worker_cnt	How many household members worked on clearing land for cocoa the SECOND TIME in February Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q226	landclear2_hh_worker_days	How many days on average did these household members work on clearing land for cocoa the SECOND TIME in February Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q227	landclear2_hired_cnt	How many hired laborers worked on clearing land for cocoa the SECOND TIME in February Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q228	landclear2_hired_days	How many days on average did these hired laborers work on clearing land for cocoa the SECOND TIME in February Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q229	landclear2_communal_cnt	How many communal laborers worked on clearing land for cocoa the SECOND TIME in February Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q230	landclear2_communal_days	How many days on average did these communal laborers work on clearing land for cocoa the SECOND TIME in February Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - Land clearing, number of days, SECOND TIME > Months repeat (3)		
Q225	landclear2_hh_worker_cnt	How many household members worked on clearing land for cocoa the SECOND TIME in March Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)

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	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q226	landclear2_hh_ worker_days	How many days on average did these household members work on clearing land for cocoa the SECOND TIME in March Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q227	landclear2_hired _cnt	How many hired laborers worked on clearing land for cocoa the SECOND TIME in March Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q228	landclear2_hired _days	How many days on average did these hired laborers work on clearing land for cocoa the SECOND TIME in March Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q229	landclear2_com munal_cnt	How many communal laborers worked on clearing land for cocoa the SECOND TIME in March Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q230	landclear2_com munal_days	How many days on average did these communal laborers work on clearing land for cocoa the SECOND TIME in March Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - Land clearing, number of days, SECOND TIME > Months repeat (4)		
Q225	landclear2_hh_ worker_cnt	How many household members worked on clearing land for cocoa the SECOND TIME in April Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q226	landclear2_hh_ worker_days	How many days on average did these household members work on clearing land for cocoa the SECOND TIME in April Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q227	landclear2_hired _cnt	How many hired laborers worked on clearing land for cocoa the SECOND TIME in April Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q228	landclear2_hired _days	How many days on average did these hired laborers work on clearing land for cocoa the SECOND TIME in April Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q229	landclear2_communal_cnt	How many communal laborers worked on clearing land for cocoa the SECOND TIME in April Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q230	landclear2_communal_days	How many days on average did these communal laborers work on clearing land for cocoa the SECOND TIME in April Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - Land clearing, number of days, SECOND TIME > Months repeat (5)		
Q225	landclear2_hh_worker_cnt	How many household members worked on clearing land for cocoa the SECOND TIME in May Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q226	landclear2_hh_worker_days	How many days on average did these household members work on clearing land for cocoa the SECOND TIME in May Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q227	landclear2_hired_cnt	How many hired laborers worked on clearing land for cocoa the SECOND TIME in May Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q228	landclear2_hired_days	How many days on average did these hired laborers work on clearing land for cocoa the SECOND TIME in May Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q229	landclear2_communal_cnt	How many communal laborers worked on clearing land for cocoa the SECOND TIME in May Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q230	landclear2_communal_days	How many days on average did these communal laborers work on clearing land for cocoa the SECOND TIME in May Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - Land clearing, number of days, SECOND TIME > Months repeat (6)		

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q225	landclear2_hh_worker_cnt	How many household members worked on clearing land for cocoa the SECOND TIME in June Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q226	landclear2_hh_worker_days	How many days on average did these household members work on clearing land for cocoa the SECOND TIME in June Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q227	landclear2_hired_cnt	How many hired laborers worked on clearing land for cocoa the SECOND TIME in June Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q228	landclear2_hired_days	How many days on average did these hired laborers work on clearing land for cocoa the SECOND TIME in June Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q229	landclear2_communal_cnt	How many communal laborers worked on clearing land for cocoa the SECOND TIME in June Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q230	landclear2_communal_days	How many days on average did these communal laborers work on clearing land for cocoa the SECOND TIME in June Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - Land clearing, number of days, SECOND TIME > Months repeat (7)		
Q225	landclear2_hh_worker_cnt	How many household members worked on clearing land for cocoa the SECOND TIME in July Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q226	landclear2_hh_worker_days	How many days on average did these household members work on clearing land for cocoa the SECOND TIME in July Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q227	landclear2_hired_cnt	How many hired laborers worked on clearing land for cocoa the SECOND TIME in July Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q228	landclear2_hired_days	How many days on average did these hired laborers work on clearing land for cocoa the SECOND TIME in July	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
		Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	
Q229	landclear2_communal_cnt	How many communal laborers worked on clearing land for cocoa the SECOND TIME in July Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q230	landclear2_communal_days	How many days on average did these communal laborers work on clearing land for cocoa the SECOND TIME in July Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - Land clearing, number of days, SECOND TIME > Months repeat (8)		
Q225	landclear2_hh_worker_cnt	How many household members worked on clearing land for cocoa the SECOND TIME in August Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q226	landclear2_hh_worker_days	How many days on average did these household members work on clearing land for cocoa the SECOND TIME in August Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q227	landclear2_hired_cnt	How many hired laborers worked on clearing land for cocoa the SECOND TIME in August Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q228	landclear2_hired_days	How many days on average did these hired laborers work on clearing land for cocoa the SECOND TIME in August Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q229	landclear2_communal_cnt	How many communal laborers worked on clearing land for cocoa the SECOND TIME in August Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q230	landclear2_communal_days	How many days on average did these communal laborers work on clearing land for cocoa the SECOND TIME in August Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)

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	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
	All Survey > Cocoa > Cocoa - Land clearing, number of days, SECOND TIME > Months repeat (9)		
Q225	landclear2_hh_worker_cnt	How many household members worked on clearing land for cocoa the SECOND TIME in September Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q226	landclear2_hh_worker_days	How many days on average did these household members work on clearing land for cocoa the SECOND TIME in September Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q227	landclear2_hired_cnt	How many hired laborers worked on clearing land for cocoa the SECOND TIME in September Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q228	landclear2_hired_days	How many days on average did these hired laborers work on clearing land for cocoa the SECOND TIME in September Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q229	landclear2_communal_cnt	How many communal laborers worked on clearing land for cocoa the SECOND TIME in September Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q230	landclear2_communal_days	How many days on average did these communal laborers work on clearing land for cocoa the SECOND TIME in September Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - Land clearing, number of days, SECOND TIME > Months repeat (10)		
Q225	landclear2_hh_worker_cnt	How many household members worked on clearing land for cocoa the SECOND TIME in October Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q226	landclear2_hh_worker_days	How many days on average did these household members work on clearing land for cocoa the SECOND TIME in October Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q227	landclear2_hired_cnt	How many hired laborers worked on clearing land for cocoa the SECOND TIME in October Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q228	landclear2_hired_days	How many days on average did these hired laborers work on clearing land for cocoa the SECOND TIME in October Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q229	landclear2_communal_cnt	How many communal laborers worked on clearing land for cocoa the SECOND TIME in October Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q230	landclear2_communal_days	How many days on average did these communal laborers work on clearing land for cocoa the SECOND TIME in October Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - Land clearing, number of days, SECOND TIME > Months repeat (11)		
Q225	landclear2_hh_worker_cnt	How many household members worked on clearing land for cocoa the SECOND TIME in November Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q226	landclear2_hh_worker_days	How many days on average did these household members work on clearing land for cocoa the SECOND TIME in November Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q227	landclear2_hired_cnt	How many hired laborers worked on clearing land for cocoa the SECOND TIME in November Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q228	landclear2_hired_days	How many days on average did these hired laborers work on clearing land for cocoa the SECOND TIME in November Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q229	landclear2_communal_cnt	How many communal laborers worked on clearing land for cocoa the SECOND TIME in November Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)

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	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q230	landclear2_communal_days	How many days on average did these communal laborers work on clearing land for cocoa the SECOND TIME in November Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - Land clearing, number of days, SECOND TIME > Months repeat (12)		
Q225	landclear2_hh_worker_cnt	How many household members worked on clearing land for cocoa the SECOND TIME in December Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q226	landclear2_hh_worker_days	How many days on average did these household members work on clearing land for cocoa the SECOND TIME in December Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q227	landclear2_hired_cnt	How many hired laborers worked on clearing land for cocoa the SECOND TIME in December Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q228	landclear2_hired_days	How many days on average did these hired laborers work on clearing land for cocoa the SECOND TIME in December Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q229	landclear2_communal_cnt	How many communal laborers worked on clearing land for cocoa the SECOND TIME in December Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q230	landclear2_communal_days	How many days on average did these communal laborers work on clearing land for cocoa the SECOND TIME in December Don't know -998 Question relevant when: selected(${cocoa_landclear2_months} , ${landclear2_mths_index}) and selected(${cocoa_landclear_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q233	cocoa_planting_yn	Did your household plant any cocoa last year?	0=no 1=yes -998=Don't know -999=Refused
	All Survey > Cocoa > Cocoa - planting		
	Group relevant when: selected(${cocoa_planting_yn} , '1')		

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q235	cocoa_planting_times	How many times was cocoa planting done last year? Don't know -998 Response constrained to: .>=0 or .=-998	(Integer)
Q236	cocoa_planting_lu	How many [agprod_land_unit_name] of cocoa were planted last year? Don't know -998	(Decimal)
	All Survey > Cocoa > Cocoa - planting		
	Group relevant when: selected(${cocoa_plantin g_yn} , '1')		
Q239	cocoa_planting_hhhiredcom	Who did planting for cocoa - household, hired or communal labour or a company? Select all that apply	1=Household 2=Hired 3=Communal 4=Company -998=Don't know -999=Refused
Q240	cocoa_planting_gender	Who did planting for cocoa - men, women or both?	0=male 1=female 2=both male and female -998=Don't know -999=Refused
	All Survey > Cocoa > Cocoa - planting, number of days - FIRST TIME		
	Group relevant when: ${cocoa_plantin g_times} >=1		
Q243	cocoa_planting1_months	In which month did your household do cocoa planting the FIRST TIME? Select all that apply	1=January 2=February 3=March 4=April 5=May 6=June 7=July 8=August 9=September 10=October 11=November 12=December -998=Don't know -999=Refused 99=None/ not applicable
	All Survey > Cocoa > Cocoa - planting, number of days - FIRST TIME > cocoa_planting1 _group		

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	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
	All Survey > Cocoa > Cocoa - planting, number of days - FIRST TIME > cocoa_planting1 _group > Months repeat (1)		
Q246	plant1_hh_work er_cnt	How many household members worked on planting cocoa for cocoa the FIRST TIME in January Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q247	plant1_hh_work er_days	How many days on average did these household members work on planting cocoa for cocoa the FIRST TIME in January Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q248	plant1_hired_cn t	How many hired laborers worked on planting cocoa for cocoa the FIRST TIME in January Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q249	plant1_hired_da ys	How many days on average did these hired laborers work on planting cocoa for cocoa the FIRST TIME in January Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q250	plant1_commun al_cnt	How many communal laborers worked on planting cocoa for cocoa the FIRST TIME in January Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q251	plant1_commun al_days	How many days on average did these communal laborers work on planting cocoa for cocoa the FIRST TIME in January Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - planting, number of days - FIRST TIME > cocoa_planting1 _group > Months repeat (2)		
Q246	plant1_hh_work er_cnt	How many household members worked on planting cocoa for cocoa the FIRST TIME in February Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q247	plant1_hh_work er_days	How many days on average did these household members work on planting cocoa for cocoa the FIRST TIME in February	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
		Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	
Q248	plant1_hired_cnt	How many hired laborers worked on planting cocoa for cocoa the FIRST TIME in February Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q249	plant1_hired_days	How many days on average did these hired laborers work on planting cocoa for cocoa the FIRST TIME in February Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q250	plant1_communal_cnt	How many communal laborers worked on planting cocoa for cocoa the FIRST TIME in February Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q251	plant1_communal_days	How many days on average did these communal laborers work on planting cocoa for cocoa the FIRST TIME in February Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - planting, number of days - FIRST TIME > cocoa_planting1_group > Months repeat (3)		
Q246	plant1_hh_worker_cnt	How many household members worked on planting cocoa for cocoa the FIRST TIME in March Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q247	plant1_hh_worker_days	How many days on average did these household members work on planting cocoa for cocoa the FIRST TIME in March Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q248	plant1_hired_cnt	How many hired laborers worked on planting cocoa for cocoa the FIRST TIME in March Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q249	plant1_hired_days	How many days on average did these hired laborers work on planting cocoa for cocoa the FIRST TIME in March Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q250	plant1_communal_cnt	How many communal laborers worked on planting cocoa for cocoa the FIRST TIME in March Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q251	plant1_communal_days	How many days on average did these communal laborers work on planting cocoa for cocoa the FIRST TIME in March Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - planting, number of days - FIRST TIME > cocoa_planting1_group > Months repeat (4)		
Q246	plant1_hh_worker_cnt	How many household members worked on planting cocoa for cocoa the FIRST TIME in April Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q247	plant1_hh_worker_days	How many days on average did these household members work on planting cocoa for cocoa the FIRST TIME in April Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q248	plant1_hired_cnt	How many hired laborers worked on planting cocoa for cocoa the FIRST TIME in April Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q249	plant1_hired_days	How many days on average did these hired laborers work on planting cocoa for cocoa the FIRST TIME in April Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q250	plant1_communal_cnt	How many communal laborers worked on planting cocoa for cocoa the FIRST TIME in April Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q251	plant1_communal_days	How many days on average did these communal laborers work on planting cocoa for cocoa the FIRST TIME in April Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
	All Survey > Cocoa > Cocoa - planting, number of days - FIRST TIME > cocoa_planting1_group > Months repeat (5)		
Q246	plant1_hh_worker_cnt	How many household members worked on planting cocoa for cocoa the FIRST TIME in May Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q247	plant1_hh_worker_days	How many days on average did these household members work on planting cocoa for cocoa the FIRST TIME in May Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q248	plant1_hired_cnt	How many hired laborers worked on planting cocoa for cocoa the FIRST TIME in May Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q249	plant1_hired_days	How many days on average did these hired laborers work on planting cocoa for cocoa the FIRST TIME in May Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q250	plant1_communal_cnt	How many communal laborers worked on planting cocoa for cocoa the FIRST TIME in May Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q251	plant1_communal_days	How many days on average did these communal laborers work on planting cocoa for cocoa the FIRST TIME in May Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - planting, number of days - FIRST TIME > cocoa_planting1_group > Months repeat (6)		
Q246	plant1_hh_worker_cnt	How many household members worked on planting cocoa for cocoa the FIRST TIME in June Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q247	plant1_hh_worker_days	How many days on average did these household members work on planting cocoa for cocoa the FIRST TIME in June Don't know -998	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
		Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	
Q248	plant1_hired_cnt	How many hired laborers worked on planting cocoa for cocoa the FIRST TIME in June Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q249	plant1_hired_days	How many days on average did these hired laborers work on planting cocoa for cocoa the FIRST TIME in June Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q250	plant1_communal_cnt	How many communal laborers worked on planting cocoa for cocoa the FIRST TIME in June Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q251	plant1_communal_days	How many days on average did these communal laborers work on planting cocoa for cocoa the FIRST TIME in June Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - planting, number of days - FIRST TIME > cocoa_planting1_group > Months repeat (7)		
Q246	plant1_hh_worker_cnt	How many household members worked on planting cocoa for cocoa the FIRST TIME in July Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q247	plant1_hh_worker_days	How many days on average did these household members work on planting cocoa for cocoa the FIRST TIME in July Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q248	plant1_hired_cnt	How many hired laborers worked on planting cocoa for cocoa the FIRST TIME in July Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q249	plant1_hired_days	How many days on average did these hired laborers work on planting cocoa for cocoa the FIRST TIME in July Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q250	plant1_communal_cnt	How many communal laborers worked on planting cocoa for cocoa the FIRST TIME in July Don't know -998	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
		Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	
Q251	plant1_commun al_days	How many days on average did these communal laborers work on planting cocoa for cocoa the FIRST TIME in July Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - planting, number of days - FIRST TIME > cocoa_planting1 _group > Months repeat (8)		
Q246	plant1_hh_work er_cnt	How many household members worked on planting cocoa for cocoa the FIRST TIME in August Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q247	plant1_hh_work er_days	How many days on average did these household members work on planting cocoa for cocoa the FIRST TIME in August Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q248	plant1_hired_cn t	How many hired laborers worked on planting cocoa for cocoa the FIRST TIME in August Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q249	plant1_hired_da ys	How many days on average did these hired laborers work on planting cocoa for cocoa the FIRST TIME in August Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q250	plant1_commun al_cnt	How many communal laborers worked on planting cocoa for cocoa the FIRST TIME in August Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q251	plant1_commun al_days	How many days on average did these communal laborers work on planting cocoa for cocoa the FIRST TIME in August Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
	All Survey > Cocoa > Cocoa - planting, number of days - FIRST TIME > cocoa_planting1_group > Months repeat (9)		
Q246	plant1_hh_worker_cnt	How many household members worked on planting cocoa for cocoa the FIRST TIME in September Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q247	plant1_hh_worker_days	How many days on average did these household members work on planting cocoa for cocoa the FIRST TIME in September Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q248	plant1_hired_cnt	How many hired laborers worked on planting cocoa for cocoa the FIRST TIME in September Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q249	plant1_hired_days	How many days on average did these hired laborers work on planting cocoa for cocoa the FIRST TIME in September Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q250	plant1_communal_cnt	How many communal laborers worked on planting cocoa for cocoa the FIRST TIME in September Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q251	plant1_communal_days	How many days on average did these communal laborers work on planting cocoa for cocoa the FIRST TIME in September Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - planting, number of days - FIRST TIME > cocoa_planting1_group > Months repeat (10)		
Q246	plant1_hh_worker_cnt	How many household members worked on planting cocoa for cocoa the FIRST TIME in October Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q247	plant1_hh_worker_days	How many days on average did these household members work on planting cocoa for cocoa the FIRST TIME in October	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
		Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	
Q248	plant1_hired_cnt	How many hired laborers worked on planting cocoa for cocoa the FIRST TIME in October Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q249	plant1_hired_days	How many days on average did these hired laborers work on planting cocoa for cocoa the FIRST TIME in October Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q250	plant1_communal_cnt	How many communal laborers worked on planting cocoa for cocoa the FIRST TIME in October Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q251	plant1_communal_days	How many days on average did these communal laborers work on planting cocoa for cocoa the FIRST TIME in October Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - planting, number of days - FIRST TIME > cocoa_planting1_group > Months repeat (11)		
Q246	plant1_hh_worker_cnt	How many household members worked on planting cocoa for cocoa the FIRST TIME in November Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q247	plant1_hh_worker_days	How many days on average did these household members work on planting cocoa for cocoa the FIRST TIME in November Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q248	plant1_hired_cnt	How many hired laborers worked on planting cocoa for cocoa the FIRST TIME in November Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q249	plant1_hired_days	How many days on average did these hired laborers work on planting cocoa for cocoa the FIRST TIME in November Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q250	plant1_commun al_cnt	How many communal laborers worked on planting cocoa for cocoa the FIRST TIME in November Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q251	plant1_commun al_days	How many days on average did these communal laborers work on planting cocoa for cocoa the FIRST TIME in November Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - planting, number of days - FIRST TIME > cocoa_planting1 _group > Months repeat (12)		
Q246	plant1_hh_work er_cnt	How many household members worked on planting cocoa for cocoa the FIRST TIME in December Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q247	plant1_hh_work er_days	How many days on average did these household members work on planting cocoa for cocoa the FIRST TIME in December Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q248	plant1_hired_cn t	How many hired laborers worked on planting cocoa for cocoa the FIRST TIME in December Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q249	plant1_hired_da ys	How many days on average did these hired laborers work on planting cocoa for cocoa the FIRST TIME in December Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q250	plant1_commun al_cnt	How many communal laborers worked on planting cocoa for cocoa the FIRST TIME in December Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q251	plant1_commun al_days	How many days on average did these communal laborers work on planting cocoa for cocoa the FIRST TIME in December Don't know -998 Question relevant when: selected(${cocoa_planting1_months} , ${plant1_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q254	cocoa_planting1 _hired_cost	What is the daily rate in CEDIS for a hired labourer for planting? Don't know -998 Question relevant when: selected(${cocoa_planting_hhhiredcom} , '2') Response constrained to: .>0 or .=-998	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
	All Survey > Cocoa > Cocoa - planting, number of days - SECOND TIME		
	Group relevant when: ${cocoa_planting_times} >=2		
Q257	cocoa_planting2 _months	In which month did your household do cocoa planting the SECOND TIME? Select all that apply	1=January 2=February 3=March 4=April 5=May 6=June 7=July 8=August 9=September 10=October 11=November 12=December -998=Don't know -999=Refused 99=None/ not applicable
	All Survey > Cocoa > Cocoa - planting, number of days - SECOND TIME > cocoa_planting2 _group		
	All Survey > Cocoa > Cocoa - planting, number of days - SECOND TIME > cocoa_planting2 _group > Months repeat (1)		
Q260	plant2_hh_work er_cnt	How many household members worked on planting cocoa for cocoa the SECOND TIME in January Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q261	plant2_hh_work er_days	How many days on average did these household members work on planting cocoa for cocoa the SECOND TIME in January Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q262	plant2_hired_cn t	How many hired laborers worked on planting cocoa for cocoa the SECOND TIME in January Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q263	plant2_hired_days	How many days on average did these hired laborers work on planting cocoa for cocoa the SECOND TIME in January Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q264	plant2_communal_cnt	How many communal laborers worked on planting cocoa for cocoa the SECOND TIME in January Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q265	plant2_communal_days	How many days on average did these communal laborers work on planting cocoa for cocoa the SECOND TIME in January Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - planting, number of days - SECOND TIME > cocoa_planting2_group > Months repeat (2)		
Q260	plant2_hh_worker_cnt	How many household members worked on planting cocoa for cocoa the SECOND TIME in February Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q261	plant2_hh_worker_days	How many days on average did these household members work on planting cocoa for cocoa the SECOND TIME in February Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q262	plant2_hired_cnt	How many hired laborers worked on planting cocoa for cocoa the SECOND TIME in February Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q263	plant2_hired_days	How many days on average did these hired laborers work on planting cocoa for cocoa the SECOND TIME in February Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q264	plant2_communal_cnt	How many communal laborers worked on planting cocoa for cocoa the SECOND TIME in February Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q265	plant2_communal_days	How many days on average did these communal laborers work on planting cocoa for cocoa the SECOND TIME in February Don't know -998	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
		Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	
	All Survey > Cocoa > Cocoa - planting, number of days - SECOND TIME > cocoa_planting2 _group > Months repeat (3)		
Q260	plant2_hh_work er_cnt	How many household members worked on planting cocoa for cocoa the SECOND TIME in March Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q261	plant2_hh_work er_days	How many days on average did these household members work on planting cocoa for cocoa the SECOND TIME in March Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q262	plant2_hired_cn t	How many hired laborers worked on planting cocoa for cocoa the SECOND TIME in March Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q263	plant2_hired_da ys	How many days on average did these hired laborers work on planting cocoa for cocoa the SECOND TIME in March Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q264	plant2_commun al_cnt	How many communal laborers worked on planting cocoa for cocoa the SECOND TIME in March Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q265	plant2_commun al_days	How many days on average did these communal laborers work on planting cocoa for cocoa the SECOND TIME in March Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - planting, number of days - SECOND TIME > cocoa_planting2 _group > Months repeat (4)		
Q260	plant2_hh_work er_cnt	How many household members worked on planting cocoa for cocoa the SECOND TIME in April Don't know -998	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
		Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	
Q261	plant2_hh_worker_days	How many days on average did these household members work on planting cocoa for cocoa the SECOND TIME in April Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q262	plant2_hired_cnt	How many hired laborers worked on planting cocoa for cocoa the SECOND TIME in April Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q263	plant2_hired_days	How many days on average did these hired laborers work on planting cocoa for cocoa the SECOND TIME in April Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q264	plant2_communal_cnt	How many communal laborers worked on planting cocoa for cocoa the SECOND TIME in April Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q265	plant2_communal_days	How many days on average did these communal laborers work on planting cocoa for cocoa the SECOND TIME in April Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - planting, number of days - SECOND TIME > cocoa_planting2_group > Months repeat (5)		
Q260	plant2_hh_worker_cnt	How many household members worked on planting cocoa for cocoa the SECOND TIME in May Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q261	plant2_hh_worker_days	How many days on average did these household members work on planting cocoa for cocoa the SECOND TIME in May Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q262	plant2_hired_cnt	How many hired laborers worked on planting cocoa for cocoa the SECOND TIME in May Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q263	plant2_hired_days	How many days on average did these hired laborers work on planting cocoa for cocoa the SECOND TIME in May Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q264	plant2_communal_cnt	How many communal laborers worked on planting cocoa for cocoa the SECOND TIME in May Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q265	plant2_communal_days	How many days on average did these communal laborers work on planting cocoa for cocoa the SECOND TIME in May Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - planting, number of days - SECOND TIME > cocoa_planting2_group > Months repeat (6)		
Q260	plant2_hh_worker_cnt	How many household members worked on planting cocoa for cocoa the SECOND TIME in June Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q261	plant2_hh_worker_days	How many days on average did these household members work on planting cocoa for cocoa the SECOND TIME in June Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q262	plant2_hired_cnt	How many hired laborers worked on planting cocoa for cocoa the SECOND TIME in June Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q263	plant2_hired_days	How many days on average did these hired laborers work on planting cocoa for cocoa the SECOND TIME in June Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q264	plant2_communal_cnt	How many communal laborers worked on planting cocoa for cocoa the SECOND TIME in June Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q265	plant2_communal_days	How many days on average did these communal laborers work on planting cocoa for cocoa the SECOND TIME in June Don't know -998	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
		Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	
	All Survey > Cocoa > Cocoa - planting, number of days - SECOND TIME > cocoa_planting2 _group > Months repeat (7)		
Q260	plant2_hh_work er_cnt	How many household members worked on planting cocoa for cocoa the SECOND TIME in July Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q261	plant2_hh_work er_days	How many days on average did these household members work on planting cocoa for cocoa the SECOND TIME in July Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q262	plant2_hired_cn t	How many hired laborers worked on planting cocoa for cocoa the SECOND TIME in July Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q263	plant2_hired_da ys	How many days on average did these hired laborers work on planting cocoa for cocoa the SECOND TIME in July Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q264	plant2_commun al_cnt	How many communal laborers worked on planting cocoa for cocoa the SECOND TIME in July Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q265	plant2_commun al_days	How many days on average did these communal laborers work on planting cocoa for cocoa the SECOND TIME in July Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - planting, number of days - SECOND TIME > cocoa_planting2 _group > Months repeat (8)		
Q260	plant2_hh_work er_cnt	How many household members worked on planting cocoa for cocoa the SECOND TIME in August Don't know -998	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
		Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	
Q261	plant2_hh_work er_days	How many days on average did these household members work on planting cocoa for cocoa the SECOND TIME in August Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q262	plant2_hired_cn t	How many hired laborers worked on planting cocoa for cocoa the SECOND TIME in August Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q263	plant2_hired_da ys	How many days on average did these hired laborers work on planting cocoa for cocoa the SECOND TIME in August Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q264	plant2_commun al_cnt	How many communal laborers worked on planting cocoa for cocoa the SECOND TIME in August Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q265	plant2_commun al_days	How many days on average did these communal laborers work on planting cocoa for cocoa the SECOND TIME in August Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - planting, number of days - SECOND TIME > cocoa_planting2 _group > Months repeat (9)		
Q260	plant2_hh_work er_cnt	How many household members worked on planting cocoa for cocoa the SECOND TIME in September Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q261	plant2_hh_work er_days	How many days on average did these household members work on planting cocoa for cocoa the SECOND TIME in September Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q262	plant2_hired_cn t	Response constrained to: (.>=0 and .<=31) or .=-998 How many hired laborers worked on planting cocoa for cocoa the SECOND TIME in September Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q263	plant2_hired_days	How many days on average did these hired laborers work on planting cocoa for cocoa the SECOND TIME in September Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q264	plant2_communal_cnt	How many communal laborers worked on planting cocoa for cocoa the SECOND TIME in September Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q265	plant2_communal_days	How many days on average did these communal laborers work on planting cocoa for cocoa the SECOND TIME in September Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - planting, number of days - SECOND TIME > cocoa_planting2 _group > Months repeat (10)		
Q260	plant2_hh_worker_cnt	How many household members worked on planting cocoa for cocoa the SECOND TIME in October Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q261	plant2_hh_worker_days	How many days on average did these household members work on planting cocoa for cocoa the SECOND TIME in October Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q262	plant2_hired_cnt	How many hired laborers worked on planting cocoa for cocoa the SECOND TIME in October Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q263	plant2_hired_days	How many days on average did these hired laborers work on planting cocoa for cocoa the SECOND TIME in October Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q264	plant2_communal_cnt	How many communal laborers worked on planting cocoa for cocoa the SECOND TIME in October Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q265	plant2_communal_days	How many days on average did these communal laborers work on planting cocoa for cocoa the SECOND TIME in October Don't know -998	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
		Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	
	All Survey > Cocoa > Cocoa - planting, number of days - SECOND TIME > cocoa_planting2 _group > Months repeat (11)		
Q260	plant2_hh_work er_cnt	How many household members worked on planting cocoa for cocoa the SECOND TIME in November Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q261	plant2_hh_work er_days	How many days on average did these household members work on planting cocoa for cocoa the SECOND TIME in November Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q262	plant2_hired_cn t	How many hired laborers worked on planting cocoa for cocoa the SECOND TIME in November Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q263	plant2_hired_da ys	How many days on average did these hired laborers work on planting cocoa for cocoa the SECOND TIME in November Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q264	plant2_commun al_cnt	How many communal laborers worked on planting cocoa for cocoa the SECOND TIME in November Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q265	plant2_commun al_days	How many days on average did these communal laborers work on planting cocoa for cocoa the SECOND TIME in November Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - planting, number of days - SECOND TIME > cocoa_planting2 _group > Months repeat (12)		
Q260	plant2_hh_work er_cnt	How many household members worked on planting cocoa for cocoa the SECOND TIME in December Don't know -998	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
		Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	
Q261	plant2_hh_work er_days	How many days on average did these household members work on planting cocoa for cocoa the SECOND TIME in December Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q262	plant2_hired_cn t	How many hired laborers worked on planting cocoa for cocoa the SECOND TIME in December Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q263	plant2_hired_da ys	How many days on average did these hired laborers work on planting cocoa for cocoa the SECOND TIME in December Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q264	plant2_commun al_cnt	How many communal laborers worked on planting cocoa for cocoa the SECOND TIME in December Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q265	plant2_commun al_days	How many days on average did these communal laborers work on planting cocoa for cocoa the SECOND TIME in December Don't know -998 Question relevant when: selected(${cocoa_planting2_months} , ${plant2_mths_index}) and selected(${cocoa_planting_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa - Granular fertilizer application		
Q270	cocoa_gfert_bag s_used_total	How many bags of granular fertilizer were applied in TOTAL on your cocoa farms last year? Don't know -998 Response constrained to: .>=0 or .=-998	(Decimal)
Q271	cocoa_gfert_giv en_cocobod_ba gs	How many bags of granular fertilizer was your household given by COCOBOD last year? Don't know -998 Response constrained to: .>=0 or .=-998	(Decimal)
Q272	cocoa_gfert_pur chased_bags	How many bags of granular fertilizer did your household buy last year? Don't know -998 Response constrained to: .>=0 or .=-998	(Decimal)
Q273	cocoa_gfertilizer _bag_size	How big is ONE bag of granular fertilizer (KGs)? Don't know -998 Response constrained to: .>0 or .=-998	(Decimal)
Q274	cocoa_gfertilizer _bag_cost	How much does one bag of granular fertilizer cost? Don't know -998 Response constrained to: .>0 or .=-998	(Integer)
Q275	cocoa_gfertilizer _lu	Earlier you said you grew cocoa on [agprod_cocoa_land_used][agprod_land_unit_name]. On how many [agprod_land_unit_name] was granular fertilizer applied? Don't know -998 Question relevant when: ${agprod_cocoa_land_used} >0 Response constrained to: .<= ${agprod_cocoa_land_used}	(Decimal)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q277	cocoa_lfertilizer_yn	Was liquid fertilizer applied on your household's cocoa last year?	0=no 1=yes -998=Don't know -999=Refused
	All Survey > Cocoa > Cocoa liquid fertilizer use and cost		
	Group relevant when: selected(${cocoa_lfertilizer_yn} , '1')		
Q279	cocoa_lfertilizer_times	How many times was liquid fertilizer applied on your household's cocoa farm last year? Don't know -998 Response constrained to: .>=0 or .=-998	(Integer)
Q280	cocoa_lfert_given_cocobod_yn	Was your household GIVEN any liquid fertilizer by COCOBOD last year?	0=no 1=yes -998=Don't know -999=Refused
Q281	cocoa_lfertilizer_purchased_yn	Did your household BUY any liquid fertilizer last year?	0=no 1=yes -998=Don't know -999=Refused
Q283	cocoa_manurecomp_yn	Was manure or compost applied on your household's cocoa last year?	0=no 1=yes -998=Don't know -999=Refused
	All Survey > Cocoa > Cocoa - planting		
	Group relevant when: selected(${cocoa_manurecomp_yn} , '1')		
Q285	cocoa_manurecomp_times	How many times was manure of compost applied on your household's cocoa farm last year? Don't know -998 Response constrained to: .>=0 or .=-998	(Integer)
Q287	cocoa_herbicide_yn	Was herbicide applied on your household's cocoa last year?	0=no 1=yes -998=Don't know -999=Refused
	All Survey > Cocoa > Cocoa herbicide use and cost		
	Group relevant when: selected(${cocoa_herbicide_yn} , '1')		
Q289	cocoa_herbicide_times	How many times was herbicide applied on your cocoa farm last year? Don't know -998 Response constrained to: .>=0 or .=-998	(Integer)
Q290	cocoa_herb_given_cocobod_yn	Was your household GIVEN any herbicide by COCOBOD last year?	0=no 1=yes -998=Don't know -999=Refused
Q291	cocoa_herb_purchased_yn	Did your household BUY any herbicide last year?	0=no 1=yes -998=Don't know -999=Refused

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
	All Survey > Cocoa > Cocoa - Herbicide application		
	Group relevant when: selected(${cocoa_herbicide_yn} , '1')		
Q294	cocoa_herb_bottles_used_total	How many bottles of herbicide were applied in TOTAL on your cocoa farm last year? Don't know -998; main season + light season Response constrained to: .>=0 or .=-998	(Decimal)
Q295	cocoa_herb_given_cocobod_bot	How many bottles of herbicide were you given by COCOBOD last year? Don't know -998 Question relevant when: selected(${cocoa_herb_given_cocobod_yn} , '1') Response constrained to: .>=0 or .=-998	(Decimal)
Q296	cocoa_herb_purchased_bottles	How many bottles of herbicide did your household buy last year? Don't know -998 Question relevant when: selected(${cocoa_herb_purchased_yn} , '1') Response constrained to: .>=0 or .=-998	(Decimal)
Q297	cocoa_herbicide_bottle_size	How big is ONE bottle of herbicide (Litres)? Don't know -998 Response constrained to: .>=0 or .=-998	(Decimal)
Q298	cocoa_herbicide_bottle_cost	How much does one bottle of herbicide cost? Don't know -998 Question relevant when: selected(${cocoa_herb_purchased_yn} , '1') Response constrained to: .>0 or .=-998	(Integer)
Q299	cocoa_herbicide_lu	Earlier you said you grew cocoa on [agprod_cocoa_land_used][agprod_land_unit_name]. On how many [agprod_land_unit_name] was herbicide applied? Don't know -998 Response constrained to: .>=0 or .=-998	(Decimal)
Q301	cocoa_pesticide_yn	Was pesticide or insecticide applied on your household's cocoa last year? (insecticide is a type of pesticide)	0=no 1=yes -998=Don't know -999=Refused
	All Survey > Cocoa > Cocoa pesticide use and cost		
	Group relevant when: selected(${cocoa_pesticide_yn} , '1')		
Q303	cocoa_pesticide_times	How many times was pesticide applied on your cocoa farm last year? Don't know -998 Response constrained to: .>=0 or .=-998	(Integer)
Q304	cocoa_pest_given_cocobod_yn	Was your household GIVEN any pesticide by COCOBOD last year?	0=no 1=yes -998=Don't know -999=Refused
Q305	cocoa_pesticide_purchased_yn	Did your household BUY any pesticide last year?	0=no 1=yes -998=Don't know -999=Refused
	All Survey > Cocoa > Cocoa - Pesticide application		
	Group relevant when: selected(${cocoa_pesticide_yn} , '1')		

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q308	cocoa_pest_bottles_used_total	How many bottles of pesticide were applied in TOTAL on your cocoa farm last year? Don't know -998; main season + light season Response constrained to: .>=0 or .=-998	(Decimal)
Q309	cocoa_pest_given_cocobod_bot	How many bottles of pesticide were you given by COCOBOD last year? Don't know -998 Question relevant when: selected(${cocoa_pest_given_cocobod_yn} , '1') Response constrained to: .>=0 or .=-998	(Decimal)
Q310	cocoa_pest_purchased_bottles	How many bottles of pesticide did your household buy last year? Don't know -998 Question relevant when: selected(${cocoa_pesticide_purchased_yn} , '1') Response constrained to: .>=0 or .=-998	(Decimal)
Q311	cocoa_pesticide_bottle_size	How big is ONE bottle of pesticide (Litres)? Don't know -998 Response constrained to: .>=0 or .=-998	(Decimal)
Q312	cocoa_pesticide_bottle_cost	How much does one bottle of pesticide cost? Don't know -998 Question relevant when: selected(${cocoa_pesticide_purchased_yn} , '1') Response constrained to: .>0 or .=-998	(Integer)
Q313	cocoa_pesticide_lu	Earlier you said you grew cocoa on [agprod_cocoa_land_used][agprod_land_unit_name]. On how many [agprod_land_unit_name] was pesticide applied? Don't know -998 Response constrained to: .>=0 or .=-998	(Decimal)
Q315	cocoa_fungicide_yn	Was fungicide applied on your household's cocoa last year?	0=no 1=yes -998=Don't know -999=Refused
	All Survey > Cocoa > Cocoa fungicide use and cost		
	Group relevant when: selected(${cocoa_fungicide_yn} , '1')		
Q317	cocoa_fungicide_times	How many times was fungicide applied on your cocoa farm last year? Don't know -998 Response constrained to: .>=0 or .=-998	(Integer)
Q318	cocoa_fung_given_cocobod_yn	Was your household GIVEN any fungicide by COCOBOD last year?	0=no 1=yes -998=Don't know -999=Refused
Q319	cocoa_fungicide_purchased_yn	Did your household BUY any fungicide last year?	0=no 1=yes -998=Don't know -999=Refused
	All Survey > Cocoa > Cocoa - fungicide application		
	Group relevant when: selected(${cocoa_fungicide_yn} , '1')		
Q322	cocoa_fung_sachets_used_total	How many sachets of fungicide were applied in TOTAL on your cocoa farm last year? Don't know -998; main season + light season	(Decimal)
Q323	cocoa_fung_given_cocobod_sach	How many sachets of fungicide were you given by COCOBOD last year? Don't know -998 Question relevant when: selected(${cocoa_fung_given_cocobod_yn} , '1')	(Decimal)
Q324	cocoa_fung_purchased_sachets	How many sachets of fungicide did your household buy last year? Don't know -998	(Decimal)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
		Question relevant when: selected(${cocoa_fungicide_purchased_yn} , '1')	
Q325	cocoa_fungicide _sachets_size	How big is ONE sachet of fungicide (in grams)? Don't know -998; eg 50 grams	(Decimal)
Q326	cocoa_fungicide _sachets_cost	How much does one sachet of fungicide cost? Don't know -998 Question relevant when: selected(${cocoa_fungicide_purchased_yn} , '1') Response constrained to: .>0 or .=-998	(Integer)
Q327	cocoa_fungicide _lu	Earlier you said you grew cocoa on [agprod_cocoa_land_used][agprod_land_unit_name]. On how many [agprod_land_unit_name] was fungicide applied? Don't know -998	(Decimal)
Q329	cocoa_weed_yn	Did your household do any weeding of your cocoa farm last year? Weeding is sometimes called 'underbrushing'	0=no 1=yes -998=Don't know -999=Refused
	All Survey > Cocoa > Cocoa - weeding		
	Group relevant when: selected(${cocoa_weed_ yn} , '1')		
Q331	cocoa_weed_ti mes	How many times did your household do weeding for cocoa last year? Don't know -998 Response constrained to: .>=0 or .=-998	(Integer)
Q333	cocoa_pruning_ yn	Did your household do any pruning for cocoa last year? Pruning is the selective removal of branches and new shoots	0=no 1=yes -998=Don't know -999=Refused
	All Survey > Cocoa > Cocoa - pruning		
	Group relevant when: selected(${cocoa_prunin g_yn} , '1')		
Q335	cocoa_pruning_ times	How many times was pruning done on your cocoa trees last year? Don't know -998 Response constrained to: .>=0 or .=-998	(Integer)
Q337	cocoa_harvest_ yn	Was any of your cocoa harvested last year?	0=no 1=yes -998=Don't know -999=Refused
	All Survey > Cocoa > Cocoa harvesting		
	Group relevant when: ${cocoa_harvest _yn} =1		
Q339	cocoa_harvest_ times	How many times was your cocoa harvested last year? Don't know -998 Response constrained to: .>0 or .=-998	(Integer)
Q340	cocoa_harvest_ months_all	In which months was cocoa harvested? Select all that apply Response constrained to: if(selected(., 99), count-selected(.)=1, count-selected(.)>0)	1=January 2=February 3=March 4=April 5=May 6=June 7=July 8=August 9=September

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
			10=October 11=November 12=December -998=Don't know -999=Refused 99=None/ not applicable
Q341	cocoa_harvest_hhhiredcom	Who did harvesting for cocoa - household, hired or communal labor or a company? Select all that apply	1=Household 2=Hired 3=Communal 4=Company -998=Don't know -999=Refused
Q342	cocoa_harvest_hired_cost	What is the daily rate in CEDIS for a hired laborer for harvesting? Don't know -998 Question relevant when: ${cocoa_harvest_hhhiredcom} =2 Response constrained to: .>0 or .=-998	(Integer)
Q343	cocoa_harvest_gender	Who did harvesting for cocoa - men, women or both?	0=male 1=female 2=both male and female -998=Don't know -999=Refused
	All Survey > Cocoa > Cocoa harvesting > Months repeat (1)		
Q345	harvest_hh_worker_cnt	How many household members worked on harvesting for cocoa in January Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q346	harvest_hh_worker_days	How many days on average did these household members work on harvesting for cocoa in January Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q347	harvest_hired_cnt	How many hired laborers worked on harvesting for cocoa in January Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q348	harvest_hired_days	How many days on average did these hired laborers work on harvesting for cocoa in January Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q349	harvest_communal_cnt	How many communal laborers worked on harvesting for cocoa in January Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q350	harvest_communal_days	How many days on average did these communal laborers work on harvesting for cocoa in January Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
	All Survey > Cocoa > Cocoa harvesting > Months repeat (2)		
Q345	harvest_hh_worker_cnt	How many household members worked on harvesting for cocoa in February Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q346	harvest_hh_worker_days	How many days on average did these household members work on harvesting for cocoa in February Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q347	harvest_hired_cnt	How many hired laborers worked on harvesting for cocoa in February Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q348	harvest_hired_days	How many days on average did these hired laborers work on harvesting for cocoa in February Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q349	harvest_communal_cnt	How many communal laborers worked on harvesting for cocoa in February Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q350	harvest_communal_days All Survey > Cocoa > Cocoa harvesting > Months repeat (3)	How many days on average did these communal laborers work on harvesting for cocoa in February Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q345	harvest_hh_worker_cnt	How many household members worked on harvesting for cocoa in March Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q346	harvest_hh_worker_days	How many days on average did these household members work on harvesting for cocoa in March Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q347	harvest_hired_cnt	How many hired laborers worked on harvesting for cocoa in March Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q348	harvest_hired_days	How many days on average did these hired laborers work on harvesting for cocoa in March Don't know -998	(Integer)

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	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
		Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	
Q349	harvest_commu nal_cnt	How many communal laborers worked on harvesting for cocoa in March Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q350	harvest_commu nal_days	How many days on average did these communal laborers work on harvesting for cocoa in March Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa harvesting > Months repeat (4)		
Q345	harvest_hh_wor ker_cnt	How many household members worked on harvesting for cocoa in April Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q346	harvest_hh_wor ker_days	How many days on average did these household members work on harvesting for cocoa in April Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q347	harvest_hired_c nt	How many hired laborers worked on harvesting for cocoa in April Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q348	harvest_hired_d ays	How many days on average did these hired laborers work on harvesting for cocoa in April Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q349	harvest_commu nal_cnt	How many communal laborers worked on harvesting for cocoa in April Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q350	harvest_commu nal_days	How many days on average did these communal laborers work on harvesting for cocoa in April Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa harvesting > Months repeat (5)		
Q345	harvest_hh_wor ker_cnt	How many household members worked on harvesting for cocoa in May Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q346	harvest_hh_wor ker_days	How many days on average did these household members work on harvesting for cocoa in May Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q347	harvest_hired_c nt	How many hired laborers worked on harvesting for cocoa in May Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q348	harvest_hired_d ays	How many days on average did these hired laborers work on harvesting for cocoa in May Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q349	harvest_commu nal_cnt	How many communal laborers worked on harvesting for cocoa in May Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q350	harvest_commu nal_days	How many days on average did these communal laborers work on harvesting for cocoa in May Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa harvesting > Months repeat (6)		
Q345	harvest_hh_wor ker_cnt	How many household members worked on harvesting for cocoa in June Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q346	harvest_hh_wor ker_days	How many days on average did these household members work on harvesting for cocoa in June Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q347	harvest_hired_c nt	How many hired laborers worked on harvesting for cocoa in June Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q348	harvest_hired_d ays	How many days on average did these hired laborers work on harvesting for cocoa in June Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q349	harvest_commu nal_cnt	How many communal laborers worked on harvesting for cocoa in June Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q350	harvest_commu nal_days	How many days on average did these communal laborers work on harvesting for cocoa in June	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
		Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	
	All Survey > Cocoa > Cocoa harvesting > Months repeat (7)		
Q345	harvest_hh_worker_cnt	How many household members worked on harvesting for cocoa in July Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q346	harvest_hh_worker_days	How many days on average did these household members work on harvesting for cocoa in July Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q347	harvest_hired_cnt	How many hired laborers worked on harvesting for cocoa in July Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q348	harvest_hired_days	How many days on average did these hired laborers work on harvesting for cocoa in July Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q349	harvest_communal_cnt	How many communal laborers worked on harvesting for cocoa in July Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q350	harvest_communal_days	How many days on average did these communal laborers work on harvesting for cocoa in July Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa harvesting > Months repeat (8)		
Q345	harvest_hh_worker_cnt	How many household members worked on harvesting for cocoa in August Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q346	harvest_hh_worker_days	How many days on average did these household members work on harvesting for cocoa in August Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q347	harvest_hired_cnt	How many hired laborers worked on harvesting for cocoa in August Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,2)	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
		Response constrained to: .>=0 or .=-998	
Q348	harvest_hired_days	How many days on average did these hired laborers work on harvesting for cocoa in August Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q349	harvest_communal_cnt	How many communal laborers worked on harvesting for cocoa in August Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q350	harvest_communal_days	How many days on average did these communal laborers work on harvesting for cocoa in August Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa harvesting > Months repeat (9)		
Q345	harvest_hh_worker_cnt	How many household members worked on harvesting for cocoa in September Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q346	harvest_hh_worker_days	How many days on average did these household members work on harvesting for cocoa in September Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q347	harvest_hired_cnt	How many hired laborers worked on harvesting for cocoa in September Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q348	harvest_hired_days	How many days on average did these hired laborers work on harvesting for cocoa in September Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q349	harvest_communal_cnt	How many communal laborers worked on harvesting for cocoa in September Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q350	harvest_communal_days	How many days on average did these communal laborers work on harvesting for cocoa in September Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa harvesting > Months repeat (10)		

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q345	harvest_hh_worker_cnt	How many household members worked on harvesting for cocoa in October Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q346	harvest_hh_worker_days	How many days on average did these household members work on harvesting for cocoa in October Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q347	harvest_hired_cnt	How many hired laborers worked on harvesting for cocoa in October Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q348	harvest_hired_days	How many days on average did these hired laborers work on harvesting for cocoa in October Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q349	harvest_communal_cnt	How many communal laborers worked on harvesting for cocoa in October Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q350	harvest_communal_days	How many days on average did these communal laborers work on harvesting for cocoa in October Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa harvesting > Months repeat (11)		
Q345	harvest_hh_worker_cnt	How many household members worked on harvesting for cocoa in November Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q346	harvest_hh_worker_days	How many days on average did these household members work on harvesting for cocoa in November Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q347	harvest_hired_cnt	How many hired laborers worked on harvesting for cocoa in November Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q348	harvest_hired_days	How many days on average did these hired laborers work on harvesting for cocoa in November Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q349	harvest_communal_cnt	How many communal laborers worked on harvesting for cocoa in November Don't know -998	(Integer)

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	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
		Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	
Q350	harvest_commu nal_days	How many days on average did these communal laborers work on harvesting for cocoa in November Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa harvesting > Months repeat (12)		
Q345	harvest_hh_wor ker_cnt	How many household members worked on harvesting for cocoa in December Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,1) Response constrained to: (.>=0 and .<= ${roster_hhsize}) or .=-998	(Integer)
Q346	harvest_hh_wor ker_days	How many days on average did these household members work on harvesting for cocoa in December Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,1) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q347	harvest_hired_c nt	How many hired laborers worked on harvesting for cocoa in December Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,2) Response constrained to: .>=0 or .=-998	(Integer)
Q348	harvest_hired_d ays	How many days on average did these hired laborers work on harvesting for cocoa in December Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,2) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
Q349	harvest_commu nal_cnt	How many communal laborers worked on harvesting for cocoa in December Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,3) Response constrained to: .>=0 or .=-998	(Integer)
Q350	harvest_commu nal_days	How many days on average did these communal laborers work on harvesting for cocoa in December Don't know -998 Question relevant when: selected(${cocoa_harvest_months_all} , ${harvest_mths_index}) and selected(${cocoa_harvest_hhhiredcom} ,3) Response constrained to: (.>=0 and .<=31) or .=-998	(Integer)
	All Survey > Cocoa > Cocoa losses		
	note_cocoa_los ses	last year, did your household have any cocoa losses from…	(Note)
Q355	cocoa_losses_di sease_yn	…cocoa diseases?	0=no 1=yes -998=Don't know -999=Refused
Q356	cocoa_losses_p ests_yn	…cocoa pests?	0=no 1=yes -998=Don't know -999=Refused
Q357	cocoa_losses_st orage_yn	…losses during storage?	0=no 1=yes

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
			-998=Don't know -999=Refused
	All Survey > Cocoa > Cocoa Losses continued		
Q360	cocoa_losses_disease_affect	How badly affected is your cocoa by disease? READ ALL ANSWERS ALOUD (Do NOT read "Don't Know" or "Refused") Question relevant when: selected(${cocoa_losses_disease_yn} , '1')	1=Mild / low 2=Medium 3=Severe -998=Don't know -999=Refused to answer
Q361	cocoa_losses_pests_affect	How badly affected is your cocoa by pests? READ ALL ANSWERS ALOUD (Do NOT read "Don't Know" or "Refused") Question relevant when: selected(${cocoa_losses_pests_yn} , '1')	1=Mild / low 2=Medium 3=Severe -998=Don't know -999=Refused to answer
Q362	cocoa_losses_storage_affect	How badly affected are you by losses during storage? READ ALL ANSWERS ALOUD (Do NOT read "Don't Know" or "Refused") Question relevant when: selected(${cocoa_losses_storage_yn} , '1')	1=Mild / low 2=Medium 3=Severe -998=Don't know -999=Refused to answer
	note_cocoa_main_u	Earlier you said that in the MAIN season you produced [cocoa_prod_main_season][cocoa_prod_unit] of cocoa The MAIN season is from October 2018 - January 2019 Question relevant when: ${cocoa_prod_main_season} >0 and ${cocoa_prod_light_season} >0	(Note)
	note_cocoa_light_u	And in the LIGHT season you said you produced [cocoa_prod_light_season][cocoa_prod_unit] of cocoa. The LIGHT season is from February - September 2018 Question relevant when: ${cocoa_prod_main_season} >0 and ${cocoa_prod_light_season} >0	(Note)
	note_cocoa_mainlight_u	In total you produced 0[cocoa_prod_unit] of cocoa in the 2018-2019 season. Of this, how many [cocoa_prod_unit] did your household… Question relevant when: ${cocoa_prod_main_season} >0 and ${cocoa_prod_light_season} >0	(Note)
	note_cocoa_mainlight_dk	Earlier you said that you don't know how much cocoa you produced in the main season or the light season. How many [cocoa_prod_unit] of cocoa did you sell Question relevant when: ${cocoa_prod_main_season} <0 or ${cocoa_prod_light_season} <0 or ${cocoa_prod_known_yn} =0	(Note)
Q368	cocoa_sold_u	Sell (for money) Don't know -998 Response constrained to: if(${cocoa_prod_mainlight_season} >0,.<= ${cocoa_prod_mainlight_season} ,.>=-998)	(Decimal)
	All Survey > Cocoa > Cocoa - prices		
Q370	cocoa_price_common_u	What was the COMMON price you received for most of your cocoa last year - PER [cocoa_prod_unit] Don't know -998	(Decimal)
Q372	cocoa_marketing_income	How much did your household earn last year from cocoa? (cedis, not including costs) Don't know or doesn't want to say -998	(Integer)
Q373	cocoa_training_3years_yn	Did YOU yourself receive any training related to cocoa farming in the past 3 years?	0=no 1=yes -998=Don't know -999=Refused
Q374	cocoa_training_lastyear_yn	Did YOU yourself receive any training related to cocoa farming LAST YEAR?	0=no 1=yes -998=Don't know -999=Refused
	All Survey > Cocoa > Cocoa training		

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
	Group relevant when: ${cocoa_training_3years_yn} =1 or ${cocoa_training_lastyear_yn} =1		
Q376	cocoa_training_days_cat	How many training days related to cocoa did you yourself receive in the past 3 years?	0=none 1=1-2 days 2=3-5 days 3=5-10 days 4=10+ days -998=don't know -999=Refused
Q377	cocoa_training_topic	Which of the following cocoa trainings did you receive in the past 3 years? … Select all that apply; READ ALL ANSWERS ALOUD (Do NOT read "Don't Know" or "Refused")	1=Good production practices 2=Good environmental practices 3=Pest and disease management 4=post-harvest storage and processing 5=Health and safety 6=Gender 7=Child labour 8=Record keeping and business management 9=Savings and loans 10=cooperative management 11=other -998=don't know -999=Refused
Q378	cocoa_training_topic_o	Other (specify) Question relevant when: selected(${cocoa_training_topic} ,11)	(Text)
Q379	cocoa_training_source	From whom did you receive trainings? Select all that apply	1=Farmer organisation 2=Government extension offices (MOFA) 3=Trader 4=ECOM 5=Other Company, LBC 6=NGO 7=COCOBOD 8=Other -998=Don't know -999=Refused
Q380	cocoa_training_source_o	Other (specify) Question relevant when: selected(${cocoa_training_source} ,8)	(Text)
Q383	cocoa_replanting_yn	Has your household ever replanted your cocoa trees on any of your farms?	0=no 1=yes -998=Don't know -999=Refused
Q384	cocoa_replanting_treenum	How many trees did you re-plant? Don't know -998 Question relevant when: ${cocoa_replanting_yn} =1 Response constrained to: .>0 or .=-998	(Integer)
Q385	cocoa_replanting_yr	What year did you replant these trees? Don't know -998 Question relevant when: ${cocoa_replanting_yn} =1 Response constrained to: string-length(.)=4	(Text)
Q386	cocoa_replanting_yield	Did you see an improvement in cocoa yield after replanting? Question relevant when: ${cocoa_replanting_yn} =1	0=no 1=yes

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
			2=Not yet, trees are too young to produce -998=Don't know -999=Refused
Q387	cocoa_replanting_finance	How did you finance the replanting? Select all that apply Question relevant when: ${cocoa_replanting_yn} =1	1=Family or friends 2=Village money lender 3=LBC or PC (licenced buying company or purchasing clerk) 4=VSLA/ISLC (Informal savings and loans group) 5=Savings and Credit Cooperative (SACCO) / Credit Union 6=Microfinance institution (MFI) 7=Bank 8=Trader 9=Company 10=Church / Mosque 11=Self-financed 12=Other -998=Don't know -999=Refused
Q388	cocoa_replanting_finance_o	Other, specify Question relevant when: selected(${cocoa_replanting_finance} , '12')	(Text)
Q389	cocoa_replanting_program	Was your replanting part of a cocoa farm rehabilitation program? A farm-wide cocoa tree replanting effort that entails cutting down old and/or diseased cocoa trees and replanting the farm with new cocoa seedlings. Rather than replacing a small number of individual trees, the entire cocoa farm is cut down and replanted. Question relevant when: ${cocoa_replanting_yn} =1	0=no 1=yes -998=Don't know -999=Refused
Q390	cocoa_replanting_progdescrip	If yes, who offered this program? Question relevant when: ${cocoa_replanting_program} =1	1=Farmer organisation 2=Government extension offices (MOFA) 3=Trader 4=ECOM 5=Other Company, LBC 6=NGO 7=COCOBOD 8=Other -998=Don't know -999=Refused
Q391	cocoa_replanting_progdescrip_o	Other, specify Question relevant when: ${cocoa_replanting_progdescrip} =8	(Text)
Q392	cocoa_replanting_future	Do you want to replant any of your cocoa trees? Question relevant when: ${cocoa_replanting_yn} =0	0=no 1=yes -998=Don't know -999=Refused
Q393	cocoa_replanting_why	Why have you not replanted? Question relevant when: ${cocoa_replanting_future} =1	1=Cannot afford to 2=Do not have permission from landlord to replant cocoa trees 3=Do not have sufficient knowledge 4=Do not have access to new cocoa seedlings 5=Cocoa trees are still young - too early to replant 8=Other (specify) -998=Don't know -999=Refused to answer
Q394	cocoa_replanting_why_other	Other, specify Question relevant when: ${cocoa_replanting_why} =8	(Text)

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	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q395	cocoa_replanting_whynot	Why do you not want to replant? Question relevant when: ${cocoa_replanting_future} =0	1=Cannot afford to 2=Do not have permission from landlord to replant cocoa trees 3=Do not have sufficient knowledge 4=Do not have access to new cocoa seedlings 5=Cocoa trees are still young - too early to replant 8=Other (specify) -998=Don't know -999=Refused to answer
Q396	cocoa_replanting_whynot_other	Other, specify Question relevant when: ${cocoa_replanting_whynot} =8	(Text)
Q397	cocoa_rehab_interest	If a new farm rehabilitation program was offered in this village, in which farmers would be required to pay off the rehabilitation investment with proceeds from the farm, would you be interested to participate? A farm-wide cocoa tree replanting effort that entails cutting down old and/or diseased cocoa trees and replanting the farm with new cocoa seedlings. Rather than replacing a small number of individual trees, the entire cocoa farm is cut down and replanted.	0=no 1=yes -998=Don't know -999=Refused
Q399	cocoa_rehab_reasons	Why not? Select all that apply Question relevant when: ${cocoa_rehab_interest} =0	1=Cannot afford to 2=Do not have permission from landlord to replant cocoa trees 3=Do not have sufficient knowledge 4=Do not have access to new cocoa seedlings 5=Would need more information to decide 6=Cocoa trees are still young - too early to replant 8=Other (specify) -998=Don't know -999=Refused to answer
Q400	cocoa_rehab_reasons_other	Other, specify Question relevant when: selected(${cocoa_rehab_reasons} , '8')	(Text)
Q401	cocoa_replant_right	Do you have the right to cut and replant your cocoa farms, if you wanted to? This question refers to the right to replant the ENTIRE farm, not only a few trees	0=no 1=yes -998=Don't know -999=Refused
Q402	cocoa_landdoc	Do you have any land documentation that recognizes your right to use any of your cocoa farms?	0=no 1=yes -998=Don't know -999=Refused

CROP CODE LIST

1=Avocado	15=Cotton	27=Okra	40=Spinach
2=Bananas	16=Cow pea	28=Onions	41=Sorghum
3=Beans soya	17=Garden egg/eggplant	29=Oranges	43=Sugar cane
4=Beans other	18=Fodder	30=Palm / oil palm	44=Tangerine
5=Cabbages	19=Garlic	31=Papaya	45=Tomatoes
6=Carrots	20=Ginger	33=Pepper (hot peppers red and yellow)	46=Tumeric
7=Cashews	21=Groundnuts/peanuts	34=Pineapple	47=Watermelon
8=Cassava	22=Lemon	35=Plantain	48=Yam
9=Chili	23=Lime	36=Potato (Irish)	49=Other (specify)
10=Cocoa	24=Maize	37=Potato (Sweet)	50=none/ not applicable
11=Coconut	25=Mango	38=Rice	-998=Don't know
12=Cocoyam	26=Millet	39=Rubber	-999=Refused
13=Coffee			

MODULE F: FARM ROSTER AND SUB-ROSTERS

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
	mod_f_note	Module F: Farm Roster	(Note)
Q406	farm_control	How many separate parcels of land did your household use or control in this municipality last year (in 2018), including cocoa farms and any other parcels? See the guide for how to count "separate farms" Don't know -998	(Integer)
	farm_note_farm descrip	ENUMERATOR TEXT: Now I'd like you to tell me the name of each farm, or a short description, so that we can talk about the activities you do on each farm. Please think of a description that is unique to each farm and would allow you to identify it in the future if someone read this description to you.	(Note)
	farm_note_desc	How would you describe each farm? Let's start with Farm #1.	(Note)
	All Survey > farm_desc_repe at (1)		
Q411	descrip_farm	Farm #1 description	(Text)
	farm_note	Farm overview	(Note)
	All Survey > Farm overview (1)		
	farm_descr_re minder	The following questions will relate to the farm that you described as: [farm_overview_desc]	(Note)
Q418	farm_area	What is the area of this farm, in [agprod_land_unit_name]? [farm_overview_desc] Don't know -998	(Decimal)
Q420	farmed_yn	Was this parcel farmed during 2018? [farm_overview_desc]	0=no 1=yes -998=Don't know -999=Refused
Q421	farmuse	What is the primary current use of this farm? [farm_overview_desc]	1=Agricultural (land where crops are grown/farm) 2=Fallow (farm land currently not farmed to improve soil quality) 3=Secondary forest (land covered with trees or woody vegetation) 4=Pasture (land used for livestock) 5=Another purpose, specify -998=Don't know -999=Refused to answer
Q422	farmuse_other	If other purpose, what is that purpose? [farm_overview_desc] Question relevant when: ${farmuse} =5	(Text)
	All Survey > Farm overview (1) > fallow_group		
	Group relevant when: ${farmuse} =2 or ${farmuse} =3		
	fallowtime	For how long has this farm been under fallow or secondary forest? [farm_overview_desc]	(Note)
Q425	fallowtime_yrs	Years Don't know -998	(Integer)
Q426	fallowtime_mos	Months Don't know -998	(Integer)
Q428	fallow_yn	Has your household ever let this farm lie fallow? Question relevant when: ${farmuse} =1 or ${farmuse} =4 or ${farmuse} =5	0=no 1=yes -998=Don't know -999=Refused
Q429	lastfallow_yr	What year was this farm last left as fallow?	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
		Don't know -998 Question relevant when: ${fallow_yn} =1 Response constrained to: (.>1800 and .<=2019) or .=-998	
Q430	secondaryforest_yn	Has your household ever let this farm revert to secondary forest? Question relevant when: ${farmuse} =1 or ${farmuse} =4	0=no 1=yes -998=Don't know -999=Refused
Q431	secondaryforest_yr	What year was this farm last left as secondary forest? Don't know -998 Question relevant when: ${secondaryforest_yn} =1 Response constrained to: (.>1800 and .<=2019) or .=-998	(Integer)
Q432	farm_dist_mins	How many minutes does it take you to walk to this farm? Don't know -998	(Integer)
Q433	farm_dist	How far is this farm from your household, in kilometers or miles? Don't know -998 Response constrained to: .>=0 or .=-998	(Decimal)
Q434	farm_dist_unit	Unit Question relevant when: ${farm_dist} !=-998	1=Yard 2=Meter 3=Kilometer 4=Mile -998=Don't know -999=Refused
Q436	farm_slope	What is the slope of this farm? READ ALL ANSWERS ALOUD (Do NOT read "Don't Know" or "Refused")	1=Flat 2=Slightly sloped 3=Steeply sloped -998=Don't know -999=Refused to answer
Q437	farm_soiltype	What is the soil type of this farm?	1=Sand 2=Loam 3=Clay 4=Other -998=Don't know -999=Refused to answer
Q438	farm_sitetype	Is this site mangrove, swampy, or water-logged?	0=no 1=yes -998=Don't know -999=Refused
Q439	farm_reservedist	How close is this farm in relation to any nearby government forest reserves? READ ALL ANSWERS ALOUD (Do NOT read "Don't Know" or "Refused")	1=Far – more than 1 kilometer from any forest reserve boundaries 2=Close – within 1 kilometer of a forest reserve boundary 3=Very close – within 100 meters of a forest reserve 4=Neighboring or adjacent to – within 30 meters of a forest reserve boundary -998=Don't know -999=Refused
Q440	year_acquire	What year did your household acquire this farm? Don't know -998 Response constrained to: (.>1800 and .<=2019) or .=-998	(Integer)
Q441	farm_acquire	How did your household acquire rights to this farm?	1=Through my rights as landowning family member 2=Through an abunu land agreement with another individual or family 3=Through an abusa land agreement with another individual or family

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
			4=Through an asidee land agreement with another individual or family 5=Through another type of land agreement 6=Through direct purchase from chief 7=Through direct purchase from landowning family 8=Inherited farm through mother's line 9=Inherited farm through father's line 10=Received farm as a gift 11=Other, specify -998=Don't know -999=Refused
Q442	farm_acquire_other	Other, specify Question relevant when: ${farm_acquire} =11	(Text)
Q443	who_own	Who in your household is considered the owner of this farm? Question relevant when: ${farm_acquire} =1	1=Household Head 2=Spouse 3=Child 4=Grandchild 5=Parent/Parent-in-law 6=Son/Daughter-in-law 7=Other Relative 8=Adopted/Foster/Stepchild 9=House help 10=Non-relative -998=Don't know -999=Refused
Q444	who_decide	Who in your household primarily decides how to use this farm?	1=Household Head 2=Spouse 3=Child 4=Grandchild 5=Parent/Parent-in-law 6=Son/Daughter-in-law 7=Other Relative 8=Adopted/Foster/Stepchild 9=House help 10=Non-relative -998=Don't know -999=Refused
Q445	main_crop	What is the MAIN CROP your household planted on this farm during 2018?	(Select from Crop Code List)
Q446	main_crop_o	Other, specify Question relevant when: ${main_crop} =49	(Text)
	land_right_note	Land Tenure / Tenure Security	(Note)
Q449	farm_sell	Does anyone in this household have the right to sell this farm to someone else, either alone or with someone else?	0=no 1=yes -998=Don't know -999=Refused
Q450	farm_sell_who	If yes, who can decide whether to sell this farm? Select all that apply Question relevant when: ${farm_sell} =1	1=Household Head 2=Spouse 3=Child 4=Grandchild 5=Parent/Parent-in-law 6=Son/Daughter-in-law 7=Other Relative 8=Adopted/Foster/Stepchild 9=House help 10=Non-relative

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
			-998=Don't know -999=Refused
Q451	farm_lease	Does anyone in this household have the right to lease this farm to someone else, either alone or with someone else?	0=no 1=yes -998=Don't know -999=Refused
Q452	farm_lease_who	If yes, who can decide whether to lease this farm? Select all that apply Question relevant when: ${farm_lease} =1	1=Household Head 2=Spouse 3=Child 4=Grandchild 5=Parent/Parent-in-law 6=Son/Daughter-in-law 7=Other Relative 8=Adopted/Foster/Stepchild 9=House help 10=Non-relative -998=Don't know -999=Refused
Q453	farm_bequeath	Does anyone in this household have the right to bequeath this farm to your heirs?	0=no 1=yes -998=Don't know -999=Refused
Q454	farm_bequeath_who	If yes, who can decide whether to bequeath this farm? Select all that apply Question relevant when: ${farm_bequeath} =1	1=Household Head 2=Spouse 3=Child 4=Grandchild 5=Parent/Parent-in-law 6=Son/Daughter-in-law 7=Other Relative 8=Adopted/Foster/Stepchild 9=House help 10=Non-relative -998=Don't know -999=Refused
Q455	family_encroach	In the next 1-3 years, how likely is it that someone from within your extended family will take over the use of this farm without your permission or agreement? READ ALL ANSWERS ALOUD (Do NOT read "Don't Know" or "Refused")	1=Impossible/would never happen 2=Highly unlikely 3=Unsure/I don't know 4=Likely 5=Very Likely 6=Happening right now -999=Refused to answer
Q456	chief_encroach	In the next 1-3 years, how likely do you think it is that the chief in this village may take this farm without your permission or agreement? READ ALL ANSWERS ALOUD (Do NOT read "Don't Know" or "Refused")	1=Impossible/would never happen 2=Highly unlikely 3=Unsure/I don't know 4=Likely 5=Very Likely 6=Happening right now -999=Refused to answer
Q457	landlord_encroach	In the next 1-3 years, how likely is it that your landlord will take over the use of this farm without your permission or agreement? READ ALL ANSWERS ALOUD (Do NOT read "Don't Know" or "Refused") Question relevant when: ${farm_acquire} =2 or ${farm_acquire} =3 or ${farm_acquire} =4	1=Impossible/would never happen 2=Highly unlikely 3=Unsure/I don't know 4=Likely 5=Very Likely 6=Happening right now -999=Refused to answer
Q458	farm_cutcocoa	If you cut the cocoa trees on this cocoa farm, such as to replace them, how likely is it that someone else will claim this farm without your permission or agreement? READ ALL ANSWERS ALOUD (Do NOT read "Don't Know" or "Refused") Question relevant when: ${main_crop} =10	1=Impossible/would never happen 2=Highly unlikely 3=Unsure/I don't know

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	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
			4=Likely 5=Very Likely 6=Happening right now -999=Refused to answer
Q459	farm_cocoaper mission	From whom do you need permission to make decisions about cutting and replacing / replanting cocoa trees on this farm? Select all that apply Question relevant when: ${main_crop} =10	1=No one 2=Family head 3=Family members 4=Landlord 5=Chief 6=Government 7=Other -998=Don't know -999=Refused to answer
Q460	farmloss_worry	How worried are you that you could lose the right to use this farm, or part of this farm, against your will in the next 3 years? READ ALL ANSWERS ALOUD (Do NOT read "Don't Know" or "Refused")	1=Not worried at all 2=Not worried 3=Somewhat worried 4=Very worried -998=Don't know -999=Refused
Q461	farmloss_worry _o	Other, specify Question relevant when: ${farmloss_worry} =11	(Text)
Q462	worry_reasons	If worried, please tell me the reasons why you said you are worried about losing the right to use this farm in the next 3 years? Select all that apply Question relevant when: ${farmloss_worry} =3 or ${farmloss_worry} =4	1=Owner/landlord may ask me to leave 2=Disagreements with family or relatives 3=Death of household member 4=Companies may seize it 5=Other people or groups may seize it 6=Lack of money or resources needed to maintain it 7=Government may seize it 8=Issue with local / customary authorities (officials, chiefs, elders) 9=Poor land administration (missing or inaccurate land records) 10=Conflict or terrorism 11=Other (specify) -998=Don't know -999=Refused
Q463	fallow_years	For how many years could you let this farm lie fallow or as bush/secondary forest without being worried about the farm being reallocated to another household? Don't know -998 forever/indefinitely/would never be worried about the farm being reallocated: 888 If the period is less than 1 year, convert the number of months into a fraction of a year (e.g. "3 months" would be entered as 0.25) Response constrained to: .!=88 and (.>=0 or .=-998)	(Decimal)
Q464	paperdoc	Do you have any type of paper documentation for your use rights to this farm?	0=no 1=yes -998=Don't know -999=Refused
Q465	doctype	What type of documentation do you have? Question relevant when: ${paperdoc} =1	1=Written abunu farming agreement 2=Written asidee farming agreement 3=Written farm management plan 4=Customary land certificate 5=FarmSeal document 6=Other (specify)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
			-998=Don't know -999=Refused to answer
Q466	doctype_other	If other, please specify Question relevant when: ${doctype} =6	(Text)
Q467	doc_year	What year was this document obtained? Don't know -998 Question relevant when: ${paperdoc} =1 Response constrained to: (.>=1900 and .<=2019) or .=-998	(Integer)
Q468	document_hhmembers	Which household members are listed on the documentation for this farm? Select all that apply Question relevant when: ${paperdoc} =1 Response constrained to: if(selected(., -998), count-selected(.)=1, if(selected(.,-999),count-selected(.)=1,count-selected(.)>0))	1=Household Head 2=Spouse 3=Child 4=Grandchild 5=Parent/Parent-in-law 6=Son/Daughter-in-law 7=Other Relative 8=Adopted/Foster/Stepchild 9=House help 10=Non-relative -998=Don't know -999=Refused
Q469	docfacilitate	Who facilitated obtaining this document? Select all that apply Question relevant when: ${paperdoc} =1 Response constrained to: if(selected(., -998), count-selected(.)=1, if(selected(.,-999),count-selected(.)=1,count-selected(.)>0))	1=Farmer organisation 2=Local chief 3=Trader 4=ECOM 5=Other Company, LBC 6=NGO 7=Government authority 8=Other (specify) -998=Don't know -999=Refused to answer
Q470	docfacilitate_other	If other, please specify Question relevant when: selected(${docfacilitate} ,8)	(Text)
Q471	paperdoc_yn	If you could obtain a paper document of your right to use this farm, would you? Question relevant when: ${paperdoc} =0	0=no 1=yes -998=Don't know -999=Refused
Q472	custcert_yn	Are you familiar with customary land certificates in Ghana, sometimes known as a "farmseal" document?	0=no 1=yes -998=Don't know -999=Refused
Q473	paperdoc_wtp	Hypothetically, how much would you be willing to pay (in cedis) to obtain such a document of your right to use this farm? Don't know -998	(Integer)
Q474	custcertparticipate_yn	Has your household already participated in a land mapping and certification process for this farm?	0=no 1=yes -998=Don't know -999=Refused
Q475	custcertparticipate_year	If yes, what year did you participate in this process? Don't know -998 Question relevant when: ${custcertparticipate_yn} =1 Response constrained to: .>1800 or .=-998	(Integer)
Q476	custcertparticipate_doc	Did your household receive a paper certificate for this farm through that process? Question relevant when: ${custcertparticipate_yn} =1	0=no 1=yes -998=Don't know -999=Refused
Q477	custcertfacilitate	Who facilitated obtaining this document? Select all that apply Question relevant when: ${custcertparticipate_doc} =1	1=Farmer organisation 2=Local chief 3=Trader 4=ECOM 5=Other Company, LBC 6=NGO

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
			7=Government authority 8=Other (specify) -998=Don't know -999=Refused to answer
	land_disp_note	Land Disputes	(Note)
Q479	dispute_yn	In the past 3 years, has your household experienced a land dispute on this farm?	0=no 1=yes -998=Don't know -999=Refused
Q480	disputecount	How many land disputes have you experienced on this farm? Don't know -998 Question relevant when: ${dispute_yn} =1	(Integer)
	note_dispute1	I'd like to ask you about the MOST IMPORTANT of these disputes Question relevant when: ${dispute_yn} =1	(Note)
	All Survey > Farm overview (1) > Dispute Sub-roster (1)		
	Group relevant when: ${dispute_yn} =1		
	note_dispute2	I'd like to ask you about the 2nd MOST IMPORTANT of these disputes Question relevant when: ${disp_pos} =2	(Note)
Q485	disp_topic	What was the dispute about? #1	1=Boundaries 2=Inheritance 3=Renting 4=Land ownership 5=Tree cutting 6=Tree ownership 7=No disputes 8=Other -998=Don't know -999=Refused to answer
Q486	disp_topico	Other, specify Question relevant when: ${disp_topic} =8	(Text)
Q487	disp_who	Who was involved in this dispute?	1=Landlord 2=Household member 3=Extended family member 4=Neighbor 5=Chief from your village 6=Higher chief 7=Government authority 8=Other -998=Don't know -999=Refused to answer
Q488	disp_whoo	If Other, specify Question relevant when: ${disp_who} =8	(Text)
Q489	disp_resolve	Was the dispute resolved?	0=no 1=yes -998=Don't know -999=Refused
	note_main_crop	Enumerator Note: Earlier you said that the MAIN CROP your household planted on this farm during 2018 was [main_crop_name]? Question relevant when: ${main_crop} !=50 and ${main_crop} >0	(Note)
	cocoa_farm_note	Cocoa Farm Roster Question relevant when: ${main_crop} =10	(Note)
	All Survey > Farm overview (1) > Cocoa Farm Roster		

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	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
	Group relevant when: ${main_crop} =10		
Q494	cocoaplanted_yr	What year was this farm first planted with cocoa? Don't know -998 Response constrained to: (.>1800 and .<=2019) or .=-998	(Integer)
Q495	agprod_cocoa_t rees_num_kno wn_yn	Do you know approximately how many cocoa trees you have on this farm?	0=no 1=yes -998=Don't know -999=Refused
Q496	cocoatrees_nu m	How many cocoa trees does your household cultivate on this farm? Don't know -998 Question relevant when: selected(${agprod_cocoa_trees_num_known_yn} , '1')	(Integer)
Q497	cocoa_age	What is the age of most of the cocoa trees on this farm? Don't know -998 Response constrained to: (.>=0 and .<=99) or .=-998	(Integer)
Q498	cocoa_harvest_ age	Has the cocoa on this farm reached harvesting age?	0=no 1=yes -998=Don't know -999=Refused
Q499	cocoamain_yn	Do you know how many [cocoa_prod_unit] of cocoa your household produced on this farm during 2018-2019 MAIN season? Question relevant when: ${cocoa_harvest_age} =	0=no 1=yes -998=Don't know -999=Refused
Q500	cocoamain_pro duction	If yes, how many units? Question relevant when: ${cocoamain_yn} =1 Response constrained to: .>=0	(Decimal)
Q501	cocoalight_yn	Do you know how many [cocoa_prod_unit] of cocoa your household produced on this farm during 2018 LIGHT season? Question relevant when: ${cocoa_harvest_age} =1	0=no 1=yes -998=Don't know -999=Refused
Q502	cocoalight_prod uction	If yes, how many units? Question relevant when: ${cocoalight_yn} =1 Response constrained to: .>=0	(Decimal)
	cocoafarm_kg_h a_note1	CAUTION: The farmers' total cocoa production is more than 1,500 kg/ha for this farm, which is VERY HIGH. Confirm the respondent's answers for how much they have produced in the MAIN season and the LIGHT season. CONFIRM that their answers makes sense given the units (e.g. bags, KGs) that are given in the question. Question relevant when: ${cocoafarm_kg_ha} >1500	(Note)
	cocoafarm_kg_h a_note2	CAUTION: The farmers' total cocoa production is less than 50 kg/ha for this farm, which is VERY LOW Confirm the respondent's answers for how much they have produced in the MAIN season and the LIGHT season. CONFIRM that their answers makes sense given the units (e.g. bags, KGs) that are given in the question. Question relevant when: ${cocoafarm_kg_ha} <50	(Note)
Q508	cocoavariety	What variety of cocoa do you grow on this farm? Select all that apply	1=Tetteh quarshie 2=Amazonia 3=Hybrid 4=Other -998=Don't know -999=Refused
Q509	cocoavariety_ot her	If other, specify Question relevant when: selected(${cocoavariety} ,4)	(Text)
Q510	cocoa_intercrop _yn	Does your household intercrop cocoa with another crop on this farm?	0=no 1=yes -998=Don't know -999=Refused
Q511	cocoa_intercrop _othercrop	What other crops do you intercrop with cocoa on this farm? Select all that apply Question relevant when: ${cocoa_intercrop_yn} =1	(Select from Crops List)
Q512	cocoa_intercrop _othercrop_o	If other, specify Question relevant when: selected(${cocoa_intercrop_othercrop} ,49)	(Text)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q513	cocoadisease	What cocoa diseases do you suffer from on this farm? Select all that apply Response constrained to: if(selected(., 5), count-selected(.)=1, count-selected(.)>0)	1=Cocoa swollen shoot virus disease 2=Black pod disease 3=Blight thread 4=Other 5=None -998=Don't know -999=Refused to answer
Q514	cocoadisease_howbad	How badly affected is your cocoa on this farm by disease? READ ALL ANSWERS ALOUD (Do NOT read "Don't Know" or "Refused") Question relevant when: not(selected(${cocoadisease} , 5))	1=Mild / low 2=Medium 3=Severe -998=Don't know -999=Refused to answer
Q515	cocoapest	What cocoa pests do you suffer from on this farm? Select all that apply Response constrained to: if(selected(., 9), count-selected(.)=1, count-selected(.)>0)	1=Mistletoe 2=Akate 3=Mirids 4=Black ants 5=Termites 6=Rodents 7=Atee 8=Other 9=None -998=Don't know -999=Refused to answer
Q516	cocoapest_other	If other, specify Question relevant when: selected(${cocoapest} ,8)	(Text)
Q517	cocoapest_howbad	How badly affected is your cocoa on this farm by pests? READ ALL ANSWERS ALOUD (Do NOT read "Don't Know" or "Refused") Question relevant when: not(selected(${cocoadisease} , 8))	1=Mild / low 2=Medium 3=Severe -998=Don't know -999=Refused to answer
Q518	cocoa_shadetrees_yn	Does this farm include shade trees?	0=no 1=yes -998=Don't know -999=Refused
Q519	cocoa_shadetrees_num	How many shade trees are on this cocoa farm, approximately? Don't know -998 Question relevant when: ${cocoa_shadetrees_yn} =1	(Integer)
Q520	agprod_shadetrees_type	What species of shade trees do you have on this farm? Select all that apply Question relevant when: ${cocoa_shadetrees_yn} =1	1=Emire 2=Ofram 3=Odum 4=Wawa 5=Mahogany 6=Teak -998=Don't know -999=Refused
Q521	cocoa_shadetrees_planted	Are these shade trees naturally occuring, or planted? Select all that apply Question relevant when: ${cocoa_shadetrees_yn} =1	1=Naturally occurring 2=Planted -998=Don't know -999=Refused
Q522	cocoa_shadetrees_yr	Which year were most of these shade trees planted? Don't know -998 Question relevant when: selected(${cocoa_shadetrees_planted} ,2) Response constrained to: string-length(.)=4	(Text)
Q523	cocfarm_rehab_yn	Is this farm part of in a cocoa farm rehabilitation program? A farm-wide cocoa tree replanting effort that entails cutting down old and/or diseased cocoa trees and replanting the farm with new cocoa seedlings. Rather than replacing a small number of individual trees, the entire cocoa farm is cut down and replanted.	0=no 1=yes -998=Don't know -999=Refused

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	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
Q524	cocfarm_rehab_who	If yes, who offered this program? Question relevant when: ${cocfarm_rehab_yn} =1	1=Farmer organisation 2=Government extension offices (MOFA) 3=Trader 4=ECOM 5=Other Company, LBC 6=NGO 7=COCOBOD 8=Other -998=Don't know -999=Refused
Q525	cocfarm_rehab_who_o	If other, specify Question relevant when: ${cocfarm_rehab_who} =8	(Text)
Q526	cocfarm_rehab_yr	If yes, what year did you register this farm into the program? Don't know -998 Question relevant when: ${cocfarm_rehab_yn} =1 Response constrained to: string-length(.)=4	(Text)
Q527	cocfarm_replant_yn	Have you ever replanted cocoa trees on this farm?	0=no 1=yes -998=Don't know -999=Refused
Q528	cocfarm_replant_num	How many trees did you re-plant? Don't know -998 Question relevant when: ${cocfarm_replant_yn} =1	(Integer)
Q529	cocfarm_replant_yr	What year did you replant these trees? Don't know -998 Question relevant when: ${cocfarm_replant_yn} =1 Response constrained to: (.>1800 and .<=2019) or .=-998	(Integer)
Q530	cocfarm_replant_yield	Did you see an improvement in cocoa yield after replanting? Question relevant when: ${cocfarm_replant_yn} =1	0=no 1=yes 2=Not yet, trees are too young to produce -998=Don't know -999=Refused
Q531	cocfarm_replant_finance	How did you finance the replanting? Select all that apply Question relevant when: ${cocfarm_replant_yn} =1	1=Family or friends 2=Village money lender 3=LBC or PC (licenced buying company or purchasing clerk) 4=VSLA/ISLC (Informal savings and loans group) 5=Savings and Credit Cooperative (SACCO) / Credit Union 6=Microfinance institution (MFI) 7=Bank 8=Trader 9=Company 10=Church / Mosque 11=Self-financed 12=Other -998=Don't know -999=Refused
Q532	cocfarm_replant_finance_o	If other, specify Question relevant when: selected(${cocfarm_replant_finance} ,'12')	(Text)
Q533	cocfarm_replant_right	Do you have the right to cut and replant this cocoa farm, if you wanted to? This question refers to the right to replant the ENTIRE farm, not only a few trees	0=no 1=yes -998=Don't know -999=Refused
	other_crop_note	Other Crop Roster Question relevant when: ${main_crop} !=10 and ${main_crop} !=50 and ${main_crop} !=-998 and ${main_crop} !=-999	(Note)

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	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
	All Survey > Farm overview (1) > Other Crop Roster		
	Group relevant when: ${main_crop} !=10 and ${main_crop} !=50 and ${main_crop} !=-998 and ${main_crop} !=-999		
	note_other_crop	How much (in quantity) of the main crop did your household harvest from this farm during 2018? [main_crop_name]	(Note)
Q540	crop_harvestquant	Amount (in quantity)	(Decimal)
		Don't know -998	
Q541	crop_harvestquantu	Unit	1=Bags 2=KGs 3=Bunches 4=Baskets -998=Don't know -999=Refused
Q542	crop_sell	Did your household sell any of the main crop harvest from this farm during 2018?	0=no 1=yes -998=Don't know -999=Refused
	note_other_amt	How much of the main crop harvest did your household sell from this farm in 2018? Question relevant when: ${crop_sell} =1	(Note)
Q544	harvestquant_sell	Amount Don't know -998	(Decimal)
Q545	harvestquant_sellunit	Unit Question relevant when: ${harvestquant_sell} >0	1=Bags 2=KGs 3=Bunches 4=Baskets -998=Don't know -999=Refused
Q546	harvest_income	How much income (in cedis) did your household earn by selling this harvest from this farm in 2018? Don't know -998	(Decimal)

MODULE G: NON-FARM ACTIVITY AND GENERAL LAND GOVERNANCE

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
	mod_g_note	Module G: Non-farm activities and General Land Governance	(Note)
Q553	offfarm_yn	Over the past year, did any member of your household engage in off-farm activities, petty trade or salaried work?	0=no 1=yes -998=Don't know -999=Refused
Q554	offfarm_inc	If yes, how much income (in cedis) did your household receive from these activities? Don't know -998 Question relevant when: ${offfarm_yn} =1	(Integer)
Q555	remit_yn	Over the past year, did any member of your household receive income from remittances or pensions?	0=no 1=yes -998=Don't know -999=Refused
Q556	remit_inc	If yes, how much income (in cedis) did your household receive from these activities? Don't know -998	(Integer)

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
		Question relevant when: ${remit_yn} =1	
Q557	livenew_yn	Over the past year, did any member of your household engage in a new livelihood activity?	0=no 1=yes -998=Don't know -999=Refused
Q558	livenew_type	If yes, what was this activity? Select all that apply Question relevant when: ${livenew_yn} =1	0=None / not applicable 1=Sale of cocoa 2=Sale of other crops 3=Sale of livestock or livestock products 4=Sale of fish 5=Sale of bush products (bush meat, charcoal, wood etc) 6=Labouring for other people on their farms 7=Labouring for other people non-agriculture 8=Artisinal or small-scale gold mining activities 9=Artisinal or small-scale mining activities for other minerals (not gold) 10=Own small business or trading 11=Salary employment with a company 12=Salary employment in government job (teacher, nurse, police, agric officer etc) 13=Sale or lease of land 14=Remittances - money given by friends and family who are living away from the household 15=Other -998=Don't know -999=Refused
Q559	livenew_type_o	Other, specify Question relevant when: selected(${livenew_type} ,'15')	(Text)
Q560	mining_yn	Over the past year, did any member of your household earn income from mining or trading gold?	0=no 1=yes -998=Don't know -999=Refused
Q561	mining_inc	If yes, how much income (in cedis) did your household receive from these activities? Don't know -998 Question relevant when: ${mining_yn} =1	(Integer)
Q562	mining_howlong	For how many month per year do you or other household members engage in gold mining activities? Question relevant when: ${mining_yn} =1 Response constrained to: .<=12	1=less than 3 months 2=3-6 months 3=6-9 months 4=9-11 months 5=all year long -998=Don't know -999=Refused
Q563	hh_forestclear	Over the last 3 years, has the household cleared any forest land?	0=no 1=yes -998=Don't know -999=Refused
Q564	hh_forestclear_area	Approximately how much forest area (TOTAL, in acres) did the household clear over the last 3 years? Don't know -998 Question relevant when: ${hh_forestclear} =1	(Integer)
Q565	hh_forestclear_type	What type of forest was cleared?	1=Primary forest (mature, old-growth forest)

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	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
		Select all that apply; READ ALL ANSWERS ALOUD (Do NOT read "Don't Know" or "Refused") Question relevant when: ${hh_forestclear} =1	2=Secondary forest (younger forest with tree cover) 3=Bush land (scattered trees, primarily shrubby vegetation) -998=Other (specify) -999=Refused
Q566	hh_forestrevert_area	Over the last 3 years, approximately how much land area (TOTAL, in acres) did the household leave to convert to natural vegetation? Don't know -998	(Integer)
	land_gov_note	General Land Governance	(Note)
Q568	rule_forestentry	Are there any rules in this village which regulate or restrict entry into secondary forests in this village?	0=no 1=yes -998=Don't know -999=Refused
Q569	rule_forestentry_mod	Was this rule modified in the past 2 years? Question relevant when: ${rule_forestentry} =1	0=no 1=yes -998=Don't know -999=Refused
Q570	rule_forestentry_who	If yes, by whom? Select the MAIN person who was most involved in modifying the rule Question relevant when: ${rule_forestentry_mod} =1	1=Village chief 2=Customary institution 3=Community association or committee 4=Government officer 5=Private landowners 6=Individual families 7=No one 8=Other (specify) -998=Don't know -999=Refused
Q571	rule_forestentry_who_o	Other, specify Question relevant when: ${rule_forestentry_who} =8	(Text)
Q572	rule_forestentry_follow	How well do you think these rules about entry into secondary forests are followed by people in this village? Question relevant when: ${rule_forestentry} =1	1=Everyone obeys the rule 2=Most people obey the rule 3=Some people obey the rule and some households break the rule 4=Only a few people actually obey the rule 5=No one obeys this rule -998=Don't know -999=Refused to answer
Q573	rule_forestproducts	Are there any rules in this village which regulate or restrict collection or harvesting of products from secondary forests in this village?	0=no 1=yes -998=Don't know -999=Refused
Q574	forestproducts	If yes, for which products, specifically? Select all that apply Question relevant when: selected(${rule_forestproducts} ,1)	1=Mushrooms 2=Raffia palm 3=Cola nut 4=Fuelwood 5=Other -998=Don't know -999=Refused to answer
Q575	forestproducts_o	Other, specify Question relevant when: selected(${forestproducts} ,'5')	(Text)
Q576	rule_forestproducts_mod	Was this rule modified in the past 2 years? Question relevant when: ${rule_forestproducts} =1	0=no 1=yes -998=Don't know -999=Refused
Q577	rule_forestproducts_who	If yes, by whom? Select the MAIN person who was most involved in modifying the rule Question relevant when: ${rule_forestproducts_mod} =1	1=Village chief 2=Customary institution

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
			3=Community association or committee 4=Government officer 5=Private landowners 6=Individual families 7=No one 8=Other (specify) -998=Don't know -999=Refused
Q578	rule_forestprod ucts_who_o	Other, specify Question relevant when: ${rule_forestproducts_who} =8	(Text)
Q579	rule_forestprod ucts_follow	How well do you think these rules about collection or harvesting of products in secondary forests are followed by people in this village? Question relevant when: ${rule_forestproducts} =1	1=Everyone obeys the rule 2=Most people obey the rule 3=Some people obey the rule and some households break the rule 4=Only a few people actually obey the rule 5=No one obeys this rule -998=Don't know -999=Refused to answer
Q580	rule_treecutting	Are there any rules in this village which regulate or restrict cutting of trees in secondary forests in this village?	0=no 1=yes -998=Don't know -999=Refused
Q581	rule_treecutting _mod	Was this rule modified in the past 2 years? Question relevant when: ${rule_treecutting} =1	0=no 1=yes -998=Don't know -999=Refused
Q582	rule_trecutting_ who	If yes, by whom? Question relevant when: ${rule_treecutting_mod} =1	1=Village chief 2=Customary institution 3=Community association or committee 4=Government officer 5=Private landowners 6=Individual families 7=No one 8=Other (specify) -998=Don't know -999=Refused
Q583	rule_trecutting_ who_o	Other, specify Question relevant when: ${rule_trecutting_who} =8	(Text)
Q584	rule_treecutting _follow	How well do you think these rules about tree cutting in secondary forests are followed by people in this village? Question relevant when: ${rule_treecutting} =1	1=Everyone obeys the rule 2=Most people obey the rule 3=Some people obey the rule and some households break the rule 4=Only a few people actually obey the rule 5=No one obeys this rule -998=Don't know -999=Refused to answer
Q585	lup_meetings	Does your village hold any general meetings to discuss land use or rules and regulations around land use planning in this village?	0=no 1=yes -998=Don't know -999=Refused
Q586	lup_rule_who	Who predominantly makes rules or sets regulations around land use in this village? Select all that apply	1=Village chief 2=Customary institution 3=Community association or committee 4=Government officer

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	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
			5=Private landowners 6=Individual families 7=No one 8=Other (specify) -998=Don't know -999=Refused
Q587	lup_rule_who_o	Other, specify Question relevant when: selected(${lup_rule_who} ,'8')	(Text)
Q588	lup_participate	Does anyone in your household participate in any meetings in this village to discuss land use in this village?	0=no 1=yes -998=Don't know -999=Refused
Q589	lup_participate_freq	How often does your household participate in such meetings in one year? READ ALL ANSWERS ALOUD (Do NOT read "Don't Know" or "Refused") Question relevant when: ${lup_participate} =1	1=Rarely (1-2 times) 2=Sometimes (3-10 times) 3=Often (more than 10 times) -998=Don't know -999=Refused
Q590	lup_noparticipate_why	If your household does not participate in such meetings, why not? Question relevant when: ${lup_participate} =0	1=Was not informed of meetings 2=Too busy 3=Travelling 4=Only some villagers are invited 5=Do not think the process is legitimate 6=Not interested 9=Other (specify) -998=Don't know -999=Refused
Q591	lup_bylaws_yn	Has your village created any bylaws that regulate how people in this village use land?	0=no 1=yes -998=Don't know -999=Refused
Q592	eco_know	Are you familiar with the ECO Game tool for land use planning?	0=no 1=yes -998=Don't know -999=Refused
Q593	eco_participate	Has any member of your HH participating in using ECO Game here in this village?	0=no 1=yes -998=Don't know -999=Refused
Q594	cc_trst	Please tell me how much you agree or disagree with the following statements: Most people who live in this community can be trusted READ ALL ANSWERS ALOUD (Do NOT read "Don't Know" or "Refused")	1=Strongly agree 2=Agree 3=Neutral 4=Disagree 5=Strongly disagree -998=Don't know -999=Refused
Q595	cc_alr	In this community you have to be alert or people will try to take advantage of you READ ALL ANSWERS ALOUD (Do NOT read "Don't Know" or "Refused")	1=Strongly agree 2=Agree 3=Neutral 4=Disagree 5=Strongly disagree -998=Don't know -999=Refused

MODULE H: CONCLUSION

	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
	mod_h_note	Module H: Survey Conclusion	(Note)
Q600	resp_cell1	First mobile phone number of respondent	(Text)

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	FIELD	QUESTION	RESPONSE OPTIONS / UNITS
		If no mobile number, enter 0 Response constrained to: string-length(.)=10 or int(.)=0	
Q601	resp_cell2	Second mobile phone number of respondent If no mobile number, enter 1 Response constrained to: string-length(.)=10 or int(.)=1	(Text)
Q602	head_cell1	First mobile phone number of household head If no mobile number, enter 2 Question relevant when: ${roster_resp_headrel} !=1 Response constrained to: string-length(.)=10 or int(.)=2	(Text)
Q603	head_cell2	Second mobile phone number of household head If no mobile number, enter 3 Question relevant when: ${roster_resp_headrel} !=1 Response constrained to: string-length(.)=10 or int(.)=3	(Text)
	end_thanks1	[ENUMERATOR: We have reached the end of our survey. Thank you for your participation.] Question relevant when: ${carbon_elig} =0	(Note)
	end_thanks2	[ENUMERATOR: We have reached the end of our survey. Thank you for your participation. Your household has been selected to participate in a follow-up set of questions about your cocoa farm. In the next few days, another person like me may visit your household and request your permission to measure some of the cocoa trees on your farm. If you agree to participate, this will be a short exercise that may take around thirty minutes to complete.] Question relevant when: ${carbon_elig} =1	(Note)
Q606	reliable	ENUMERATOR: On a scale of 1-5 where five is very reliable, how reliable was this respondent? Response constrained to: .>=0 and .<=5	(Integer)
Q607	landmark	ENUMERATOR: Please record some basic identifying landmarks for the household, to ease ability to locate this household in follow-up survey rounds.	(Text)
Q610	surveystatus	Q610-- ENUMERATOR: Please select the correct survey status from the list	1=interview completed 2=Interview partially completed – revisit needed 3=Refusal by respondent 4=Respondent not available and interview not started – revisit needed. 5=could not locate household 6=Denied access (security, gate locked)/ Unsafe (animals, violence, rioting, etc.) 7=Language barrier 8=Final unreachable – Unable to locate after 3 attempts 9=Any other reason
	text	Write the language name Write the language name Question relevant when: ${surveystatus} =7	(Text)
	surveystatus_o	Other, specify Question relevant when: ${surveystatus} =9	(Text)
Q612	made_sketchmap	Q612-- Did you make a sketchmap for the farms for this household? You need to make a sketch map of the farms for EVERY household.	0=no 1=yes
Q613	sketchmap	Q613-- Take a photo of the sketchmap you made for the farms for this household Question relevant when: ${made_sketchmap} =1	(Image)
Q614	concluding_notes	Q614-- ENUMERATOR: Any additional comments?	(Text)

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