

CAFEDIRECT PRODUCERS FOUNDATION BASELINE SURVEY FOR TEA FARMERS, FARMER PROMOTERS & TOTs QUESTIONNAIRE IN KENYA

First four columns are copied from original survey specification. Last two columns produced by DataKind. Unless mentioned in the Data Dive Data Notes, column remains unchanged from collection to final .csv. Column names are identical in Kenya and Uganda data. Unless specified in notes, data cleaning process is identical between Kenya and Uganda.

Survey Application-Generated Data

Question ID	Question	Response	Codes	Data Dive Field Names	Data Dive Data Notes
				SbjNum	Unique identifier for survey subject
				Date	Date and time survey was taken
				Srvyr	Name/Handle of survey taker
				Duration	Duration of the survey interview
				Upload	When uploaded to cloud
				Latitude	Geolocation latitude. Kenya: the values of this field match that in field "Q184-GPS-Latitude" for all but 3 instances. Unclear what the differences are, or which field is better to analyse.
				Longitude	Geolocation longitude. Kenya: the values of this field match that in field "Q184-GPS-Longitude" for all but 4 instances. Unclear what the differences are, or which field is better to analyse.
				UTCDiff	Time zone difference from UTC
				VStart	Time survey interview started.
				VEnd	Time survey interview ended

Background Questions

Question ID	Question	Response	Codes	Data Dive Field Names	Data Dive Data Notes
1	DISTRICT	Nandi East Nandi South Nandi Central Tindiret	1 2 3 4	Q1-District	
3	WHICH COOPERATIVE SOCIETY DO YOU BELONG TO?	Chemomi Savani Kibwari Sitoi Kipkeibon Kibabet Siret Kepchomo Kapsombeiywo Kipkoimet	1 2 3 4 5 6 7 8 9 10	Q3-CoopSociety	In the final survey this appears to be a free text field rather than encoded with integer values. The free text was converted to proper case. Several appear to be referring to the same society but spelled slightly differently.

4	WHICH VILLAGE DO YOU COME FROM?			Q4-Village	Free text converted to proper case. Several might refer to the same village but with different spellings.
5	WHAT IS YOUR CO-OP MEMBERSHIP NUMBER?			Q5-MembershipNumber	
6	CONTACT PERSON/SHED CHAIRPERSON			Deleted from dataset	Removed for privacy
7	NAME OF PRODUCER ORGANISATION			Q7-ProducerOrg	Free text converted to proper case.
8	Do you consent to participate in this interview?	Yes No	1 2	Q8-Consent	
	<i>Attachments</i>				
9	WHAT IS YOUR TELEPHONE NUMBER?			Deleted from dataset	Removed for privacy
10	Sex	Male Female	1 2	Q10-Sex	
	<i>Attachments</i>				
11	What is your age?	30 or less 31 - 40 41-50 51-70 71 or over	1 2 3 4 5	Q11-Age	
	<i>Attachments</i>				
12	Education level	None Primary Secondary College University Others	1 2 3 4 5 6	Q12-Education	
13	Are you a.....?	Farmer Farmer Promoter Trainer of Trainers (TOT) Others	1 2 3 4	Q13-Role-O1 Q13-Role-O2 Q13-Role-O3 Q13-Role-O4 Q13-Role-O4-Text	
14	Are you a member of any local group/s?	Yes No	1 2	Q14-LocalGroups	
15	If yes which local groups	Local Society Youth Group Men's Group Women's Group Community Group SACCO Others (Specify	1 2 3 4 5 6 7	Q15-LocalSociety-O1 Q15-YouthGroup-O2 Q15-MensGroup-O3 Q15-WomensGroup-O4 Q15-CommGroups-O5 Q15-SACCO-O6 Q15-Other-O7 Q15-Other-O7-Text	
16	How many people are dependant on your farm / household?			Q16-Dependents	

16	How many people are dependent on your farm / household?			Q16-Dependents	
17	Of them, how many are men?			Q17-Dependents-Men	
18	Of them, how many are women?			Q18-Dependents-Women	
19	Of them, how many are bread winners?			Q19-Dependents-BreadWinners	
20	Of them, how many are children?			Q20-Dependents-Children	
21	Where do you spend your household income?	Food School fees Medical bills Cloths Energy Others	1 2 3 4 5 6	Q21-Income-Food-O1 Q21-Income-SchoolFees-O2 Q21-Income-MedicalBills-O3 Q21-Income-Clothes-O4 Q21-Income-Energy-O5 Q21-Income-Other-O6 Q21-Income-Other-O6-Text	
22	Total Farm size (estimated by farmer) - and unit of measurement			Q22-FarmSize	All values integers. Units appear to be consistent but unsure what it is.
23	out of your total area of land (mentioned above) what part is used for growing tea and/or coffee?	Less than 10% 10-25% 25-50% 50-75% 75-100%	1 2 3 4 5	Q23-AreaForTeaCoffee	
24	out of your total area of land (mentioned above) what part is used for growing other crops?	Less than 10% 10-25% 25-50% 50-75% 75-100% None	1 2 3 4 5 6	Q24-AreaForOtherCrops	
25	Out of your total area of land (mentioned above) what part is used for growing Trees/Forestry?	Less than 10% 10-25% 25-50% 50-75% 75-100% None	1 2 3 4 5 6	Q25-AreaForTreesForestry	
26	Out of your total area of land (mentioned above) what part is used for conservation?	Less than 10% 10-25% 25-50% 50-75% 75-100% None	1 2 3 4 5 6	Q26-AreaForConservation	

Section 1

Question ID	Question	Response	Codes	Data Dive Field Names	Data Dive Data Notes
27	Overall, how is the health and condition of your farm this year compared to the previous year?	Much worse Slightly worse Similar Improved slightly Improved a lot	1 2 3 4 5	Q27-FarmHealthComparison	
28	Why do you think that is so?			Q28-FarmHealth-Text	Free text. Kenya: All records contain values. Example: "good rain and lack of pests"
29	What is your annual household income?	20,000 - 40,000 Kshs 50,000 - 70,000 KShs 80,000 - 100,000 Kshs 110,000 - 150,000 Kshs Over 150,000 Kshs	1 2 3 4 5	Q29-Income	
30	Which is the main cash crop that you are growing?	Coffee Tea Other (Specify)	1 2 3	Q30-MainCashCrop Q30-Other-Text	
31	How much did you harvest / produce from this main cash crop last year?			Q31-CashCropHarvestSize	All values integers. Unsure of units.
32	What proportion of your farm is used to grow this crop?	Less than 10% 10-25% 25-50% 50-75% 75%-100%	1 2 3 4 5	Q32-CashCropProportion	
33	How much of this did you sell?			Q33-CashCropSold	All values integers. Kenya: Most units seem to be expressed in percentages (e.g. 100, 98) but some are not (e.g. 75,000, 3600, 150)
34	How much did you and your family use?			Q34-CashCropUsed	All values integers. Kenya: range of 0-100
35	How much of this did you Save as Seed?			Q35-CashCropSavedForSeed	All values integers. Kenya: range of 0-44
36	How much of this did you loose	Quarter Half Three Quarters All None	1 2 3 4 5	Q36-CashCropLost	
37	If lost, what was the cause of this loss? (Weather, pests, disease? Other?)	Weather Pests Disease others	1 2 3 4	Q37-CauseOfLoss-O1 Q37-CauseOfLoss-O2 Q37-CauseOfLoss-O3 Q37-CauseOfLoss-O4 Q37-CauseOfLoss-Other-Text	
					Kenya: Originally free text. Digit chars stripped and

38	How much did you earn from selling this crop last year?			Q38-CashCropEarnings	converted to integers. Units presumed to be KSH. Uganda: Free text left unchanged due to millions/m Kenya alert: outlier value in data of 12,960,000 in row 176
39	What was the (approximate) price you sold it for?			Q39-CashCropPx	Kenya: Originally free text. Regex used to strip value characters and decimal points. Units presumed to be KSH/kg. Uganda: Digit chars stripped and converted to integers. Units presumed to be UGX/kg
40	What was the (approximate) annual cost of production?			Q40-CostOfProduction	Kenya: Originally free text. Digit chars stripped and converted to integers. Units presumed to be KSH. Uganda: Free text, left un-changed since units vary (per unit vs. total). Kenya Alert: Outlier value of 8,000,000 in row 176
41	Was last year an average year?	Yes No	1 2	Q41-AverageYear	
42	Was production higher or lower than the year before?	Much Higher A Bit Higher Same A Bit Lower Much Lower	1 2 3 4 5	Q42-ProductionHigherLower	
43	What are your main farming challenges with this crop?	On-Farm Pests & Diseases Drought Heavy rain Soil erosion / landslides Price fluctuations Frost Other (Specify)	1 2 3 4 5 6 7	Q43-MainFarmingChallenges-O1 Q43-MainFarmingChallenges-O2 Q43-MainFarmingChallenges-O3 Q43-MainFarmingChallenges-O4 Q43-MainFarmingChallenges-O5 Q43-MainFarmingChallenges-O6 Q43-MainFarmingChallenges-O7 Q43-MainFarmingChallenges-O7-Text	
44	Do you grow any other crops on your farm?	Yes No	1 2	Q44-OtherCrops	
45	Which other crops are you growing if any? Please tick all that apply	Maize Cassava Rice Bananas Plantains Arrowroot Mango Avocado Beans Other (Specify)	1 2 3 4 5 6 7 8 9 10	Q45-WhichOtherCrops-O1 Q45-WhichOtherCrops-O2 Q45-WhichOtherCrops-O3 Q45-WhichOtherCrops-O4 Q45-WhichOtherCrops-O5 Q45-WhichOtherCrops-O6 Q45-WhichOtherCrops-O7 Q45-WhichOtherCrops-O8 Q45-WhichOtherCrops-O9 Q45-WhichOtherCrops-O10-Text Q45-WhichOtherCrops-O11	
46	How much did you harvest / produce from Maize last year?			Q46-HarvestMaize	Free text. Units unclear. Kgs?
47	How much did you harvest / produce from Cassava last year?			Q47-HarvestCassava	Integers. Units unclear. Kenya: 4 non-NA records.

48	How much did you harvest / produce from Rice last year?			Q48-HarvestRice	All values NA
49	How much did you harvest /produce from Banana last year?			Q49-HarvestBanana	Free text. Units unclear. Kgs? Kenya: 61 non-NA records.
50	How much did you harvest / produce from Plantains last year?			Q50-HarvestPlantains	All values NA
51	How much did you harvest / produce from Arrowroot last year?			Q51-HarvestArrowroot	Integers. Units unclear. Kenya: 6 non-NA records.
52	How much did you harvest / produce from Mango last year?			Q52-HarvestMango	All values NA
53	How much did you harvest / produce from avocado last year?			Q53-HarvestAvocado	Free text. Units unclear. Kenya: 31 non-NA records.
54	How much did you harvest / produce from Beans last year?			Q54-HarvestBeans	Free text. Units unclear (kgs? Bags?) Kenya: 74 non-NA records.
55	How much / what proportion of your farm is used to grow other crops mentioned above? And/or Number of bushes/trees/plants	Quarter Half Three Quarters All None	1 2 3 4 5	Q55-ProportionForTheseCrops	
56	How much of the other crops you are growing on your farm did you sell?	Quarter Half Three Quarters All None	1 2 3 4 5	Q56-ProportionCropsSold	
57	How much of the other crop you mentioned above that you are growing on your farm did you use yourself/by your family?	Quarter Half Three Quarters All None	1 2 3 4 5	Q57-ProportionCropsUsed	
58	How much of the other crop you mentioned above that you are growing on your farm did you save as seed?	Quarter Half Three Quarters All None	1 2 3 4 5	Q58-ProportionCropsSavedSeed	
59	How much of the other crop you mentioned above that you are growing on your farm did you loose?	Quarter Half Three Quarters All None	1 2 3 4 5	Q59-ProportionCropsLost	
60	If you lost some of your crop, what was the cause of this loss?	Weather Pests Disease Others	1 2 3 4	Q60-CauseOfLoss-O1 Q60-CauseOfLoss-O2 Q60-CauseOfLoss-O3 Q60-CauseOfLoss-O4 Q60-CauseOfLoss-O4-Text	
61	How much did you earn from selling this crop last year?			Q61-CropEarning	Kenya: Originally free text. Digit chars stripped and converted to integers. Units presumed to be KSH. Uganda: Free text left unchanged due to millions/m

62	What was the (approximate) price you sold it for?			Q62-CropSalePx	Free text; left unchanged. Alert: Units vary significantly or are unspecified
63	What was the (approximate) annual cost of production?			Q63-ProductionCost	Kenya: Originally free text. Digit chars stripped and converted to integers. Units presumed to be KSH. Uganda: Free text, left un-changed since units vary (per unit vs. total).
64	Was last year an average year?	Yes No	1 2	Q64-AverageYear	
65	Was production higher or lower than the year before?	Yes No	1 2	Q65-ProductionHigherLower	
66	What are your main farming challenges with this crop?	On-farm Pests & Disease Drought Heavy rain Soil erosion / landslides Price fluctuations Frost Other (Specify)	1 2 3 4 5 6 7	Q66-MainChallenges-O1 Q66-MainChallenges-O2 Q66-MainChallenges-O3 Q66-MainChallenges-O4 Q66-MainChallenges-O5 Q66-MainChallenges-O6 Q66-MainChallenges-O7 Q66-MainChallenges-O7-Text	
67	Are you rearing any livestock?	Yes No	1 2	Q67-RearingLivestock	
68	If yes, which livestock are you rearing?	Cattle Goats Pigs Chickens Other (Specify)	1 2 3 4 5	Q68-WhichLivestock-O1 Q68-WhichLivestock-O2 Q68-WhichLivestock-O3 Q68-WhichLivestock-O4 Q68-WhichLivestock-O5 Q68-WhichLivestock-O6-Text	
69	If you rare cattle, how much (total amount) did you earn from it last year (2014)?			Q69-AmountEarnedCattle	Kenya: Originally free text. Digit chars stripped and converted to integers. Units presumed to be KSH. Uganda: Free text left unchanged due to millions/m
70	What were the total number of cattle you sold last year?			Q70-NumberCattleSold	Kenya: Originally free text. First all cases of 'None'/'none'/'NONE' were replaced with 0. Then digit chars stripped and converted to integers. Uganda: Free text left unchanged since some fields contain volume of milk sold instead of cattle
71	What amount of Kenyan shillings did you earn from sale of each cattle?			Q71-PxPerCattle	Kenya: Originally free text. Digit chars stripped and converted to integers. Uganda: Free text left unchanged since fields may contain price for milk sold. Kenya Alert: all values are of multiple '000s expect for one of '25'
72	What is the total earning that you got from the cattle raring project last year?			Q72-TotalEarningCattle	Kenya: Originally free text. Digit chars stripped and converted to integers. Units presumed to be KSH. Uganda: Free text left unchanged due to millions/m

73	If you rare Goats, how much (total amount) did you earn from it last year (2014)?			Q73-AmountEarnedGoats	Kenya: All values NA Uganda: Originally free text. Digit chars stripped and converted to integers. Uganda alert: 2 small outlier values may refer to millions
74	What were the total number of goats you sold last year?			Q74-NumberGoatsSold	Kenya: All values NA Uganda: Originally free text. First all cases of 'None'/'none'/'NONE' were replaced with 0. Then digit chars stripped and converted to integers.
75	What amount of Kenyan shillings did you earn from sale of each goat?			Q75-PxPerGoat	Kenya: All values NA Uganda: Originally free text. Digit chars stripped and converted to integers.
76	What is the total earning that you got from the goat raring project last year?			Q76-TotalEarningGoats	Kenya: All values NA Uganda: Originally free text. Digit chars stripped and converted to integers.
77	If you rare pigs, how much (total amount) did you earn from it last year (2014)?			Q77-AmountEarnedPigs	Kenya: 1 non-NA record (and it is -1) Uganda: Originally free text. Digit chars stripped and converted to integers.
78	What were the total number of pigs you sold last year?			Q78-NumberPigsSold	Kenya: 1 non-NA record (and it is -1) Uganda: Free text unchanged; some values refer to pigs, some piglets
79	What amount of Kenyan Shillings did you earn from sale of each Pig?			Q79-PxPerPig	Kenya: 1 non-NA record (and it is -1) Uganda: Free text unchanged; some values refer to pigs, some piglets
80	What is the total earning that you got from the pig raring project last year?			Q80-TotalEarningPigs	Kenya: 1 non-NA record (and it is -1) Uganda: Originally free text. Digit chars stripped and converted to integers.
81	If you rare chicken, how much (total amount) did you earn from it last year (2014)?			Q81-AmountEarnedChickens	Originally free text. Digit chars stripped and converted to integers. Units presumed to be KSH/UGX
82	What were the total number of chicken you sold last year?			Q82-NumberChickensSold	Kenya: Originally free text. First all cases of 'None' or 'none' were replaced with 0. Then digit chars stripped and converted to integers. Uganda: Free text unchanged; some values refer to chickens, one refers to eggs
83	What amount of Kenyan Shillings did you earn from sale of each chicken/per chicken?			Q83-PxPerChicken	Originally standardised as integers. Units presumed to be KSH/UGX. Kenya Alert: most non-zero values are in a range from 100-600, but two records contain values 3 and 5.
84	What is the total earning that you got from the chicken raring project last year?			Q84-TotalEarningsChickens	Originally free text. Digit chars stripped and converted to integers. Units presumed to be KSH/UGX.
85	Do you rare any other animal or bird out of those ones mentioned above?	Yes No	1 2	Q85-RearOtherAnimal	Kenya: 9 non-NA records
86	If you do rare any other animal/bird, mention the type.....?			Q86-OtherAnimalType	Free text. Kenya: 5 non-NA records
87	What amount of Kenyan Shillings did you earn from sale of each animal/bird mentioned above?			Q87-OtherAnimalPx	Free text; left unchanged.
88	What is the total earning that you got from the raring the above bird/animal last year?			Q88-TotalEarningOtherAnimal	Free text; left unchanged.
		Tea Coffee Banana Maize	1 2 3 4	Q89-MainSourcesIncome-1st Q89-MainSourcesIncome-2nd Q89-MainSourcesIncome-3rd Q89-MainSourcesIncome-4th	

89	Please estimate your 5 main sources of household income (Maxmum is 5)?	Hydroponics	5	Q89-MainSourcesIncome-5th	The first five fields list the income codes in order of contribution to household income. The remaining 20 fields each correspond to each of the 20 income types, and allowed the surveyor to input free text. It appears that each surveyor interpreted how to use these fields differently. In some cases these fields contain the estimated amount of income corresponding to the source of income; in others, it is a restatement of the ranking; in others, it is the weight/volume of crop produced; potentially in some cases the cell was filled with a random value in order to advance the survey.
		Beans	6	Q89-MainSourcesIncome-TealIncome	
		Livestock	7	Q89-MainSourcesIncome-CoffeeIncome	
		Bee keeping	8	Q89-MainSourcesIncome-BananaIncome	
		Tree nurseries	9	Q89-MainSourcesIncome-MaizeIncome	
		Fish farming	10	Q89-MainSourcesIncome-HydroponicsIncome	
		Handicrafts	11	Q89-MainSourcesIncome-BeansIncome	
		Kitchen garden management	12	Q89-MainSourcesIncome-LivestockIncome	
		Salaried job	13	Q89-MainSourcesIncome-BeekeepingIncome	
		Casual labor	14	Q89-MainSourcesIncome-TreeIncome	
		Remittances	15	Q89-MainSourcesIncome-FishIncome	
		Goat keeping	16	Q89-MainSourcesIncome-HandicraftIncome	
		Pig keeping	17	Q89-MainSourcesIncome-KitchenGardenIncome	
		Cattle	18	Q89-MainSourcesIncome-SalaryJobIncome	
		Chickens	19	Q89-MainSourcesIncome-CasualLaborIncome	
		Other	20	Q89-MainSourcesIncome-RemitIncome	
				Q89-MainSourcesIncome-GoatIncome	
				Q89-MainSourcesIncome-PigIncome	
				Q89-MainSourcesIncome-CattleIncome	
				Q89-MainSourcesIncome-ChickenIncome	
				Q89-MainSourcesIncome-Other	
90	Do you have access to farm financing (for example loans or credit) to develop your land?	Yes	1	Q90-AccessToFinancing	
		No	2		
91	If, yes, where have you obtained farm financing?	Bank account	1	Q91-WhereFinancingObtained-O1	
		Bank Loans	2	Q91-WhereFinancingObtained-O2	
		Bank Credit	3	Q91-WhereFinancingObtained-O3	
		SACCO	4	Q91-WhereFinancingObtained-O4	
		Other	5	Q91-WhereFinancingObtained-O5	
				Q91-WhereFinancingObtained-O6-Text	
92	How often do you use a bank account?	Daily	1	Q92-BankAccountHowOften	Kenya: 1 non-NA record
		Weekly	2		
		Monthly	3		
		3-4 times per year	4		
		1-2 times per year	5		
		Less than once per year	6		
		Never	7		
93	What are your challenges with accessing this financing?			Q93-BankAccountChallenges	Free text. Kenya: 1 non-NA record
94	How often do you use bank loan facilities?	Daily	1	Q94-BankLoanFacilityHowOften	Kenya: 84 non-NA records
		Weekly	2		
		Monthly	3		
		3-4 Times per year	4		
		1-2 times per year	5		

		less than once per year Never	6 7		
95	What are your main challenges with accessing this financing?			Q95-BankLoanFacilityChallenges	Free text. Kenya: 84 non-NA records. Example: "High interest rates"
96	How often do you use Bank Credit facility?	Daily weekly Monthly 3-4 times per year 1-2 times per year Less than once per year Never	1 2 3 4 5 6 7	Q96-BankCreditHowOften	Kenya: 2 non-NA records
97	What are your main challenges with accessing this (Bank credit) financing?			Q97-BankCreditChallenges	Free text. Kenya: 2 non-NA records.
98	How often do you use SACCO facilities?	Daily weekly Monthly 3-4 times per year 1-2 times per year Less than once per year Never	1 2 3 4 5 6 7	Q98-SACCOHowOften	Kenya: 44 non-NA records.
99	What are your main challenges with accessing these SACCO facilities?			Q99-SACCOChallenges	Free text. Kenya: 44 non-NA records. Example: "They take too long to process the loans"
100	Are there any other financing facilities that you use?	Yes No	1 2	Q100-OtherFinancingFacilities	Kenya: All values NA
101	If yes, mention the other type of financing facility/ies you use?			Q101-NameOtherFinancingFacilities	Kenya: All values NA
102	How often do you use this other type of financing facility?	Daily weekly Monthly 3-4 times per year 1-2 times per year Less than once per year Never	1 2 3 4 5 6 7	Q102-OtherHowOften	Kenya: All values NA
103	What are your main challenges with accessing this other financing facilities mentioned above?			Q103-OtherChallenges	Kenya: All values NA

Section 3: Good Innovative Farming Practices

Question ID	Question	Response	Codes	Data Dive Field Names	Data Dive Data Notes
		Planting in time	1	Q104-GoodAgPracticeAware-O1	
		Planting improved seeds	2	Q104-GoodAgPracticeAware-O2	
		Shade trees	3	Q104-GoodAgPracticeAware-O3	
		Soil management	4	Q104-GoodAgPracticeAware-O4	
		Water management	5	Q104-GoodAgPracticeAware-O5	

104	Which good agricultural practices are you aware of?	Irrigation Pruning Composting Biogas Mechanised farming Post-harvest handling Value addition Others	6 7 8 9 10 11 12 13	Q104-GoodAgPracticeAware-O6 Q104-GoodAgPracticeAware-O7 Q104-GoodAgPracticeAware-O8 Q104-GoodAgPracticeAware-O9 Q104-GoodAgPracticeAware-O10 Q104-GoodAgPracticeAware-O11 Q104-GoodAgPracticeAware-O12 Q104-GoodAgPracticeAware-O13 Q104-GoodAgPracticeAware-O14-Text	
105	Which good agricultural practices have you been trained in?	Planting in time Planting improved seeds Shade trees Soil management Water management Irrigation Pruning Composting Biogas Post-harvest handling Mechanised farming Value addition Others None	1 2 3 4 5 6 7 8 9 10 11 12 13 14	Q105-GoodAgPracticeTrained-O1 Q105-GoodAgPracticeTrained-O2 Q105-GoodAgPracticeTrained-O3 Q105-GoodAgPracticeTrained-O4 Q105-GoodAgPracticeTrained-O5 Q105-GoodAgPracticeTrained-O6 Q105-GoodAgPracticeTrained-O7 Q105-GoodAgPracticeTrained-O8 Q105-GoodAgPracticeTrained-O9 Q105-GoodAgPracticeTrained-O10 Q105-GoodAgPracticeTrained-O11 Q105-GoodAgPracticeTrained-O12 Q105-GoodAgPracticeTrained-O13 Q105-GoodAgPracticeTrained-O14 Q105-GoodAgPracticeTrained-O15-Text	
106	Which activities do you practice on your farm?	Planting in time Planting improved seeds Shade trees Soil management Water management Irrigation Pruning Composting Biogas Post-harvest handling Mechanised farming Value addition Other	1 2 3 4 5 6 7 8 9 10 11 12 13	Q106-ActiviesPracticed-O1 Q106-ActiviesPracticed-O2 Q106-ActiviesPracticed-O3 Q106-ActiviesPracticed-O4 Q106-ActiviesPracticed-O5 Q106-ActiviesPracticed-O6 Q106-ActiviesPracticed-O7 Q106-ActiviesPracticed-O8 Q106-ActiviesPracticed-O9 Q106-ActiviesPracticed-O10 Q106-ActiviesPracticed-O11 Q106-ActiviesPracticed-O12 Q106-ActiviesPracticed-O13 Q106-ActiviesPracticed-O14-Text	
107	Please can you the data collector take a photograph of good agricultural practices of the farmer?				
108	Have you made any changes/ innovations on your farm or in your farming practices during the last year? (Leave it open for respondents to answer without prompting)	Yes No	1 2	Q108-ChangesInPractice	Kenya: 39 non-NA records

109	What change have you made in your farming practices?			Q109-WhatChange	Free text. Kenya: 39 non-NA records. Example: ""Creating paths inside the tea farm"
110	Please,can you the data collector take a photograph of the change the farmer has made in his/her farming practices?				
111	When did you start implementing the change?			Q111-WhenChangeImplemented	Contain dates in format "30/12/2013". Kenya: 39 non-NA records.
112	From where did you learn about this idea?	I developed it myself Another farmer An extension officer At a demonstration site From a training Other	1 2 3 4 5 6	Q112-FromWhereLearned-O1 Q112-FromWhereLearned-O2 Q112-FromWhereLearned-O3 Q112-FromWhereLearned-O4 Q112-FromWhereLearned-O5 Q112-FromWhereLearned-O6 Q112-FromWhereLearned-O7-Text	
113	What was the cost of making the change?			Q113-CostOfChange	Originally free text. Kenya: Digit chars stripped and converted to integers. Units presumed to be KSH. Uganda: Free text left unchanged due to millions/m

Section 4

Question ID	Question	Response	Codes	Data Dive Field Names	Data Dive Data Notes
114	Have you started any new micro-enterprise, business or small trade activities in the last year?	Yes No	1 2	Q114-NewBusinessStarted	Kenya: 21 responses for 1, 185 for 2
115	What new micro-enterprise, business or small trade activities have you started?			Q115-WhatNewBusiness	Free text. Kenya: 21 non-NA records. Example: "kiosk/retail shop"
116	Please, can you the data collector take a photograph of the new micro-enterprise, business or small trade activities started by farmer?				
117	From where did you learn about this idea?	I developed it myself Another farmer An extension officer At a demonstration site From a training Other	1 2 3 4 5 6	Q117-FromWhereLearned-O1 Q117-FromWhereLearned-O2 Q117-FromWhereLearned-O3 Q117-FromWhereLearned-O4 Q117-FromWhereLearned-O5 Q117-FromWhereLearned-O6 Q117-FromWhereLearned-O7-Text	
118	What was the cost of starting it?			Q118-CostStarting	Kenya: Originally free text. Digit chars stripped and converted to integers. Units presumed to be KSH. Uganda: Free text left unchanged due to millions/m. Kenya alert: one large outlier value of 2,800,000
119	Is it making a difference to your income?	Yes No	1 2	Q119-DifferenceToIncome	Kenya: 21 non-NA records.
		10% 20% 30% 40%	1 2 3 4		

120	How does this contribute to your household income?	50% 60% 70% 80% 90% 100%	5 6 7 8 9 10	Q120-HowContributeIncome	Kenya: 21 non-NA records.
121	Overall how has your income from small businesses changed since the previous year?	Much worse Slightly worse Similar Improved slightly Improved a lot	1 2 3 4 5	Q121-OverallIncomeChange	Kenya: 21 non-NA records.
122	Why do you think your income has changed that way (as selected above)?			Q122-WhyIncomeChanged	Free text. Kenya: 21 non-NA records. Example: "Customers increased"

Section 5: Record Keeping

Question ID	Question	Response	Codes	Data Dive Field Names	Data Dive Data Notes
123	Do you keep any records regarding your farming activities?	Yes No	1 2	Q123-FarmingRecordsKept	Kenya: 99 records for 1, 107 for 2
124	If yes, Which kind of records do you keep?			Q124-WhichRecordsKept	Free text. Kenya example: "Tea receipts"
125	Please, can you the data collector take a photograph of records kept by the farmer?				
126	How often do you update them?	Never Daily Weekly Bi-weekly Monthly Quarterly Annually	1 2 3 4 5 6 7	Q126-HowOftenUpdated	
127	If no, why don't you keep any records regarding your farming activities?			Q127-WhyRecordsNotKept	Free text. Kenya example: "Does not see the need"

Section 6: Access to Information

Question ID	Question	Response	Codes	Data Dive Field Names	Data Dive Data Notes
128	Overall how satisfied are you with the total range of support and information that you have access to about farming?	Very satisfied Somewhat satisfied Neither satisfied or dissatisfied Somewhat dissatisfied Very dissatisfied	1 2 3 4 5	Q128-SatisfactionSupportInformation	
		My own experimentation Sharing with other farmers/friends/family A farmer promoter visits my farm	1 2 3	Q129-InformationFromWhere-O1 Q129-InformationFromWhere-O2 Q129-InformationFromWhere-O3	

129	From where do you currently get this support and information? (Select all that apply) -	An extension officer visits my farm	4	Q129-InformationFromWhere-O4	
		Visit to demonstration farm	5	Q129-InformationFromWhere-O5	
		Radio stations	6	Q129-InformationFromWhere-O6	
		WeFarm	7	Q129-InformationFromWhere-O7	
		Mobile phones	8	Q129-InformationFromWhere-O8	
		Newspapers	9	Q129-InformationFromWhere-O9	
		Television	10	Q129-InformationFromWhere-O10	
		Internet	11	Q129-InformationFromWhere-O11	
		Visiting a Centre of Excellence	12	Q129-InformationFromWhere-O12	
		Buying Centre	13	Q129-InformationFromWhere-O13	
		My primary cooperative	14	Q129-InformationFromWhere-O14	
		Being a member of a local group (women's groups etc)	15	Q129-InformationFromWhere-O15	
		Training sessions/workshops (including FFSs)	16	Q129-InformationFromWhere-O16	
		Training materials / leaflets	17	Q129-InformationFromWhere-O17	
		Other (Specify)	18	Q129-InformationFromWhere-O18	
				Q129-InformationFromWhere-O19-Text	
130	How frequent do you conduct agricultural activities out of your own experimentation?	Never	1	Q130-AgExperimentsFrequency	
		Daily	2	Q130-AgExperimentsFrequency-Text	
		Weekly	3		
		Monthly	4		
		Quarterly	5		
		Bi-Annually	6		
		Annually	7		
		Others	8		
131	How frequent do you share agricultural information/practices with other farmers/friends/family?	Never	1	Q131-AgSharingFrequency	
		Daily	2	Q131-AgSharingFrequency-Text	
		Weekly	3		
		Monthly	4		
		Quarterly	5		
		Bi-Annually	6		
		Annually	7		
		Others	8		
132	How frequent do you get guidance from farmer promoters in your farming activities?	Never	1	Q132-FarmPromotorGuidanceFrequency	
		Daily	2	Q132-FarmPromotorGuidanceFrequency-Text	
		Weekly	3		
		Monthly	4		
		Quarterly	5		
		Bi-Annually	6		
		Annually	7		
		Others	8		
		Never	1	Q133-CoopExtensionSupportFrequency	

133	How frequent do you get support from extension workers from your cooperative?	Daily Weekly Monthly Quarterly Bi-Annually Annually Others	2 3 4 5 6 7 8	Q133-CoopExtensionSupportFrequency-Text	
134	How frequent do you get support from An extension officer visits to your farm	Never Daily Weekly Monthly Quarterly Bi-Annually Annually Others	1 2 3 4 5 6 7 8	Q134-ExtensionOfficerVisitFrequency Q134-ExtensionOfficerVisitFrequency-Text	
135	How frequent do you get support/information from Radio stations?	Never Daily Weekly Monthly Quarterly Bi-Annually Annually Others	1 2 3 4 5 6 7 8	Q135-RadioStationFrequency Q135-RadioStationFrequency-Text	
136	How frequent do you get support/information from WeFarm?	Never Daily Weekly Monthly Quarterly Bi-Annually Annually Others	1 2 3 4 5 6 7 8	Q136-WeFarmFrequency Q136-WeFarmFrequency-Text	
137	How frequent do you get support/information from mobile phones?	Never Daily Weekly Monthly Quarterly Bi-Annually Annually Others	1 2 3 4 5 6 7 8	Q137-MobileFrequency Q137-MobileFrequency-Text	
		Never Daily Weekly	1 2 3	Q138-NewspaperFrequency Q138-NewspaperFrequency-Text	

138	How frequent do you get support/information from Newspapers?	Monthly Quarterly Bi-Annually Annually Others	4 5 6 7 8		
139	How frequent do you get support/information from Television Stations?	Never Daily Weekly Monthly Quarterly Bi-Annually Annually Others	1 2 3 4 5 6 7 8	Q139-TVFrequency Q139-TVFrequency-Text	
140	How frequent do you get support/information from internet?	Never Daily Weekly Monthly Quarterly Bi-Annually Annually Others	1 2 3 4 5 6 7 8	Q140-InternetFrequency Q140-InternetFrequency-Text	
141	How frequent do you get support/information from Centers of Excellence?	Never Daily Weekly Monthly Quarterly Bi-Annually Annually Others	1 2 3 4 5 6 7 8	Q141-CenterOfExcellenceFrequency Q141-CenterOfExcellenceFrequency-Text	
142	How frequent do you get support as a member of a local group (women's group etc)?	Never Daily Weekly Monthly Quarterly Bi-Annually Annually Others	1 2 3 4 5 6 7 8	Q142-LocalGroupFrequency Q142-LocalGroupFrequency-Text	
143	How frequent do you get support from training sessions/workshops (including farmer Forums	Never Daily Weekly Monthly Quarterly	1 2 3 4 5	Q143-TrainingSessionFrequency Q143-TrainingSessionFrequency-Text	

		Bi-Annually Annually Others	6 7 8		
144	How frequent do you get support from training materials/leaflets	Never Daily Weekly Monthly Quarterly Bi-Annually Annually Others	1 2 3 4 5 6 7 8	Q144-TrainingMaterialsFrequency Q144-TrainingMaterialsFrequency-Text	
145	Which of these information sources do you find most valuable/ useful?	My own experimentation Sharing with other farmers/friends/family Guidance from farmer promoters Extension workers from your cooperative Radio stations WeFarm Mobile phones Newspapers Television Internet Centres of Excellence Being a member of a local group (women's groups etc) Training sessions/workshops (including FFSs) Training materials / leaflets	1 2 3 4 5 6 7 8 9 10 11 12 13 14	Q145-MostValuableSources-O1 Q145-MostValuableSources-O2 Q145-MostValuableSources-O3 Q145-MostValuableSources-O4 Q145-MostValuableSources-O5 Q145-MostValuableSources-O6 Q145-MostValuableSources-O7 Q145-MostValuableSources-O8 Q145-MostValuableSources-O9 Q145-MostValuableSources-O10 Q145-MostValuableSources-O11 Q145-MostValuableSources-O12 Q145-MostValuableSources-O13 Q145-MostValuableSources-O14	
146	Is there any information that you would like to know about your farm that you do not already have?	Yes No	1 2	Q146-OtherInfoLikeToKnow	
147	If yes, which areas do you wish to receive more information on and/or be trained on?			Q147-OtherInfoAreas	Free text. Kenya: 156 non-NA records. Example: "How to increase food production,dairy farming,poultry keeping"
148	Do you have ideas about changes you would like to make on your farm that you have not been able to carry out?	Yes No	1 2	Q148-IdeasOfChanges	
149	If yes, what are the main challenges / barriers to enabling you to carry out these ideas?			Q149-BarriersToChanges	Free text. Kenya: 126 non-NA records. Example: "Lack of training,funds"
150	What would help encourage you to carry out these ideas on your own farm more?			Q150-HelpToImplementChanges	Free text. Kenya: 126 non-NA records. Example: "training and finance"

SECTION 7: IDEAS & INNOVATIONS TRACKER

Question ID	Question	Response	Codes	Data Dive Field Names	Data Dive Data Notes
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151	Have you ever seen this idea before?	Yes No	1 2	Q151-SeenIdea	Kenya: 113 for 1, 41 for 2, 52 for -1
152	Do you use this idea (above) on your farm?	Yes No	1 2	Q152-UseIdea	
153	If Yes, how are you using this idea on your farm?			Q153-HowUsingIdea	Free text. Kenya: 100 non-NA records. Example: "Pruning Tea"
154	Please the data collector, can you take a photograph of how the farmer is using the idea on his/her farmer?				
155	How long have you had this on your farm?	Under 6 months 6 months-1 year 1-2 Years Over 2 Years	1 2 3 4	Q155-HowLongUsingIdea	
156	What are the benefits of using this on your farm?				
157	Have you shared this idea with other farmers?	Yes No	1 2	Q157-SharedIdea	
158	How long have you had this on your farm?	Under 6 months 6 Months-1 Year 1-2 Years Over 2 Years	1 2 3 4	Q158-HowLongUsingIdea	
159	If no, do you have anything similar?	Yes No	1 2	Q159-SimilarIdea	
160	If yes (using anything similar),can you tell us more about it?)			Q160-WhatSimilarIdea	
161	If no, Is this an idea that you would be interested in learning about?	Yes No	1 2	Q161-InterestedInLearningIdea	
162	What are the main challenges you have on your farm?			Q162-MainChallengesOnFarm	Free text. Kenya: All records contain values. Example: "Drought,lack of finances"
163	What solutions have you designed to address the problem you are facing on your farm?			Q163-SolutionsToAddressProblems	Free text. Kenya: All records contain values. Example: "Spraying against pests and diseases"
164	Please, Can you the data collector take a photo for the description of farmer on how they have addressed the main challenge?				

SECTION 8: SHARING AND USING INFORMATION

Question ID	Question	Response	Codes	Data Dive Field Names	Data Dive Data Notes
165	If you learnt about a new farming practice, would you share this knowledge with another fellow farmer?	No Yes – with one other person Yes – with many other people Other	1 2 3 4	Q165.ShareNewFarmingPractice Q165.ShareNewFarmingPractice.Other	
166	If yes, can you give an example of what you would share?			Q166-ShareNewFarmingPractice-Example	Free text. Kenya example: "news ways of milk processing before selling"
167	How often would you share ideas with others?			Q167-HowOftenShareIdeas	Free text. Kenya example: "always whenever i meet them"
168	Who would you share it with?			Q168-WhoShareIdeaWith	Free text. Kenya example: "everyone, friends, neighbours"
		Through farmer group meetings	1	Q169.HowShareInfo.O1	

169	How do you share information with other farmers? Rank in order of priority (Select all that apply)	Through informal conversations	2	Q169.HowShareInfo.O2	
		Through farmer promoters	3	Q169.HowShareInfo.O3	
		Through WeFarm	4	Q169.HowShareInfo.O4	
		Through Centres of Excellence	5	Q169.HowShareInfo.O5	
		Train them on my farm	6	Q169.HowShareInfo.O6	
		Train them on their farm	7	Q169.HowShareInfo.O7	
		Visits to a demonstration farm	8	Q169.HowShareInfo.O8	
		Other (Specify)	9	Q169.HowShareInfo.O9	
				Q169.HowShareInfo.O10.Text	
170	What are the challenges to sharing information with other farmers?			Q170-ChallengesOfSharingInfo	Free text. Kenya: All records contain values. Example: "Some farmers fail to come to the meetings"
171	What could be done to make it easier for you to share information?			Q171-MakeSharingEasier	Free text. Kenya: All records contain values. Example: "Cooperatives to organise meetings with farmers"
172	As a farmer promoter, have you undertaken any activities with other farmers?	Yes	1	Q172-AsFarmerPromotorActivities	
		No	2		
173	In the past 1 year, what activities have you undertaken?	Training farmers	1	Q173-ActivitiesUndertaken	
		Visiting demo plots	2	Q173-ActivitiesUndertaken-Text	
		Other (Specify)	3		

SECTION 9: SUPPORT FROM FARMER PROMOTERS&SATISFACTION

Question ID	Question	Response	Codes	Data Dive Field Names	Data Dive Data Notes
174	In the past 1 year, have you received any farmer promoter on your farm to offer support?	Yes	1	Q174-ReceivedFarmerPromotor	
		No	2		
175	If yes, what activity or support did you obtain from the farmer promoter	Training farmers	1	Q175-FarmerPromotorSupportObtained-O1	
		Visiting demo plots	2	Q175-FarmerPromotorSupportObtained-O2	
		Other (Specify)	3	Q175-FarmerPromotorSupportObtained-O3	
				Q175-FarmerPromotorSupportObtained-O4-Text	
176	What was your level of satisfaction with the support obtained from farmer promoters on training?	Support not Relevant at all	1	Q176-SatisfactionFarmerPromotorTraining	
		Not satisfied (Fair Knowledge given on issues)	2		
		Fairly satisfied (fair Knowledge and Support on issues given)	3		
		Satisfied (Appropriate Knowledge and support on issues given)	4		
177	Can you give a reason for your rating/level of satisfaction above?			Q177-TrainingSatisfactionReason	Free text. Kenya: 39 non-NA records. Example: "Implemented the training and it worked"
178	What was your level of satisfaction with the support received from farmer promoters on visiting demo plots?	Support not Relevant at all	1	Q178-SatisfactionFarmerPromotorDemoPlot	
		Not satisfied (Fair Knowledge given on issues)	2		
		Fairly satisfied (fair Knowledge and Support on issues given)	3		

		Satisfied (Appropriate Knowledge and support on issues given)	4		
179	Please give your reason for your level of satisfaction/rating above?			Q179-DemoPlotSatisfactionReason	Free text. Kenya : 39 non-NA records. Example: "learnt how to keep bees"
180	Any other support that you received from farmer promoters that is not mentioned above?	Yes No	1 2	Q180-OtherFarmerPromotorSupport	
181	If yes, Can you please mention the other support that you received from farmer promoters?			Q181-OtherFarmerPromotorSupport-Text	Free text. Kenya : 18 non-NA records. Example: "How to conserve fuel"
182	Can you rate your level of satisfaction with other support (mentioned above) that you received from farmer promoters?	Support not Relevant at all Not satisfied (Fair Knowledge given on issues) Fairly satisfied (fair Knowledge and Support on issues given) Satisfied (Appropriate Knowledge and support on issues given)	1 2 3 4	Q182-SatisfactionFarmerPromotorOther	
183	Please take a picture of the respondent?				
184	Note:To be done by the data Collector: PleaseTake the Global Positioning Systems (GPS) Coordinates of the Farm to be cross referenced with what the Farmer has estimated			Q184-GPS-Latitude Q184-GPS-Longitude	Value is -1 where not collected Value is -1 where not collected