



**CENTRAL STATISTICS AGENCY  
2018/2019 ETHIOPIAN SOCIOECONOMIC SURVEY**

Form ESPSAGSS/(18/19)

**STRICTLY CONFIDENTIAL**



**Agriculture Questionnaire (POST PLANTING WAVE 4)**

**Section 1: Area Identification**

Region	Zone	Woreda	Urban	Sub-city	Kebele	Enumeration area	Household ID	Holder ID (Use Household Roster ID)
1	2	3	4	5	6	7	8	9
Code	Code	Code	Code	Code	Code	Code	Code	Code

10	11	12	13	14	15	16
Household head Name	Holder Name	Household Size	Village Name	Area where the Household lives: Rural.....1 Urban.....2	What is the hold's farm type? Crop.....1 Livestock....2 Both....3 None....4	What is the holder's education level? Use the education Codes from the last page of this questionnaire
		Code		Code		Code

Staffs Details	Name	ID
17. Enumerator		
18. Supervisor		

19. GPS Coordinates

20. Date of intervie

**21. Branch Offices Code**

Adama =1 Addis Ababa=2 Ambo = 3 Arbaminch = 4 Asayita =5 Assosa =6 Bahirdar =7 Asebe Teferi = 8 Debreberhan = 9 Dessie =10 Diredawa =11 Gambela =12 Goba =13 Gondar =14 Harar =15 Hawassa =16 Hossana =17 Jigjiga=18 Jimma =19 Mekele = 20 Mizan Teferi =21 Negele =22 Nekemit =23 Shire =24 Sodo =25

## SECTION 1: HOUSEHOLD ROSTER

**INTERVIEWER**

FIRST:

"Please give me the names of all people who normally live and eat their meals together here."

**DO NOT LIST** SERVANTS WHO HAVE A HOUSEHOLD ELSEWHERE, AND GUESTS WHO ARE VISITING TEMPORARILY AND HAVE A HOUSEHOLD ELSEWHERE.

*IF MORE THAN 12 INDIVIDUALS, USE SECOND QUESTIONNAIRE. MAKE SURE TO MARK BOX ON FIRST PAGE OF BOTH QUESTIONNAIRES.*

INDIVIDUAL	1. NAME	2. AGE  YEARS	3. SEX  MALE..... 1 FEMALE..2	4. ASK FARM TYPE FOR EACH RESPONDENT TO IDENTIFY HOLDERS. What is your farm holding type? <b>(Ask only for household members aged 10 and above only)</b>  FARM TYPE Crop.....1 Livestock...2 Both.....3 None.....4	5. Is "name" the holder for tis questionnaire?  Yes....1 No.....2
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					



**RENTED IN AND SHARECROPPED**

7. Who in this household can decide whether to sell this [PARCEL] or use it as collateral?  LIST UP TO 2 ID CODES FROM HOUSEHOLD ROSTER.		8. Does anyone in the household have the right to bequeath this [PARCEL], either alone or with someone else?	9. Who in this household can decide whether to bequeath this [PARCEL]?  LIST UP TO 2 ID CODES FROM HOUSEHOLD ROSTER.  <b>THEN, GO TO Q13</b>		10. How much did you pay the owner for the use of [PARCEL] in the [CURRENT AGRICULTURE SEASON]?  ESTIMATE THE VALUE OF IN-KIND PAYMENTS.			11. What period of time did this payment cover?  MEHER SEASON....1 BELG SEASON....2 FULL YEAR.....3 OTHER (SPECIFY) ..4	12. Who owns this [PARCEL] you rented?  LIST UP TO 2.  <b>(Skip to Q16)</b>  RELATIVE..... 1 FRIEND/NEIGHBOR.....2 VILLAGE HEADMAN.....3 AGRICULTURAL COOPERATIVE....4 GOVERNMENT AGENCY.....5 FARMER BASED CLUB/ASSOCIATION.....6 VDC MEMBER.....7 OTHER (SPECIFY).....99	
HH ID CODE #1	HH ID CODE #2	Yes...1 No...2(▶Q13)	HH ID CODE #1	HH ID CODE #2	CASH	IN-KIND	SHARE		OWNER #1	OWNER #2
					BIRR	BIRR	%			






































**SECTION 7. MISCELLANEOUS QUESTIONS FOR THE HOLDER**

1 Do you exercise crop rotation on your land holding?  Yes....1 No....2	2 Did you use chemical fertilizers on any one of your crop field?  Yes....1(▶Q4) No....2	3 What is the reason for not using chemical fertilizers on any one of your crop field [IF NO FERTILIZER]? READ RESPONSES. IGNORANCE.....1 ...1 HIGH PRICE.....2 LACK OF MONEY.....3 NON-AVAILABILITY OF SUPPLY.....4 LACK OF CREDIT SERVICE.....5 SKEPTICAL OF THE OUTCOME.....6 OTHERS (SPECIFY) ..7	4 Do you participate in the extension program?  Yes....1(▶Q6) No....2	5 What is the reason for not participating in the Extension Program? READ RESPONSES IGNORANCE.....1 LACK OF MONEY.....2 SKEPTICAL OF THE OUTCOME.....3 NON-AVAILABILITY OF THE PROGRAM.....4 LACK OF ADEQUATE CROP FIELD.....5 EXTENSION OFFICER DID NOT SHOW UP.....6 OTHERS (SPECIFY) ..7	6 Do you get credit services IN THIS AGRICULTURE SEASON?  Yes....1 No....2(▶Q8)	7 Where did you get the credit from? Government...1 Private.....2 Non Government financial institute...3 Cooperatives...4 Other(Specify)..5	8 Why did you not get credit services? NON-AVAILABILITY OF THE SERVICE.....1 UNABLE TO PAY THE LOAN.....2 INADEQUATE SERVICE PROVIDED.....3 IGNORANCE.....4 DOES NOT YIELD ANY RESULTS.....5 OTHERS (SPECIFY) ..6	9 Do you get advisory services? READ RESPONSES.  Yes....1(▶Q11) No....2	10 Why do you not get advisory services? READ RESPONSES. NON AVAILABILITY OF THE SERVICE..1 INADEQUATE SERVICES PROVIDED.....2 IGNORANCE.....3 DOES NOT YIELD ANY RESULTS.....4 OTHERS (SPECIFY) .5	11 Who are your major suppliers of fertilizer? GOVERNMENT ORGANIZATION .....1 PRIVATE ORGANIZATION.....2 MERCHANTS .....3 Cooperatives.....4 OTHER (SPECIFY) .....5 NEVER USED FERTILIZER .....6	12 How many of your own oxen were used in this Meher season? If the response is 2 and above skip to Q14	13 If you don't have enough oxen how do you plough? BY RENTING OX .....1 BY PAIRING MINE W/ SOMEONE'S OX .....2 BY PAIRING MINE W/ OTHER ANIMAL .....3 USING HORSE OR COW....4 DIGGING .....5 USING BORROWED OXEN....6 Tractor/ Machine...7 OTHER (SPECIFY) ....8	14 How many oxen do you have?	
						THEN GO TO Q9.				SUPPLIER 1	SUPPLIER 2	NUMBER		
15 What type of Plough equipment do you mostly use?  Traditional plough (Maresha) = 1 Broadbed Maker (double Maresha) =2 Hoe = 3 Two-wheel tractor (2WT) = 4 Four-wheel Tractor with disk harows = 5 Four-wheel Tractor with ploughs = 6 Other specify = 7	16 What type of machine do you mostly use to thresh the crop products?  By beating with stick/ separate with hand = 1 Use livestock to thresh the crop = 2 Modern thresher = 3 Other specify = 4	17. Do you plough any additional field other than the fields you had in the last agricultural season?  Yes ...1 No...2 (▶Q 19)	18. What was the purpose of this additional field in the last agricultural season?  Own grazing land/forest or woodland/ Wet land/ Dry land.....1 Government owned grazing land/forest or woodland/ Wet land.....2 Common Grazing land/ Forest land/Wet land.....3 Another holder's land / Grazing land/ Forest land/ Wet land.....4 Other (Specify).....5	19. Total Chemical Fertilizers purchased for main season in 2011 E.c (it includes gifts, loans, supports)	20. Total Dap fertilizer ready for use for main season in 2011 E.c (it includes purchase gifts, loans, supports)	21. Total Urea fertilizer ready for use for main season in 2011 E.c (it includes purchase gifts, loans, supports)	22. Total NPS fertilizer ready for use for main season in 2011 E.c (it includes purchase gifts, loans, supports)	23. Total Blended chemical fertilizer ready for use for main season in 2011 E.c (it includes purchase gifts, loans, supports)	24. Total Dap fertilizer used for main season in 2011 E.c (it includes purchase gifts, loans, supports)	25. Total Urea fertilizer used for main season in 2011 E.c (it includes purchase gifts, loans, supports)	26. Total NPS fertilizer used for main season in 2011 E.c (it includes purchase gifts, loans, supports)	27. Total blended chemical fertilizer used for main season in 2011 E.c (it includes purchase gifts, loans, supports)	28 If there is a difference in the amount reported between Q20 and Q24, Q21 and 25, Q22 and Q26 as well as between Q23 and Q27 what was the reason for the difference? To use remaining for another time.....1 To use for Belg season.....2 I sold it.....3 I gave it to another person.....4 Other(Specify).....5	
				KILO	KILO	KILO	KILO	KILO	KILO	KILO	KILO	KILO		

<p>29. Have you participated in watershed activities in your community During the last Agriculture season ?</p> <p>Yes ...1 No...2 (► Q.32)</p>	<p>30. For how many days have you participated in the watershed activities?</p>	<p>31. What was the three major watershed activities have you participated in?</p> <p>Terracing-----1 Tree planting ----2 Conservation activities----3 Preparing water harvesting pits ---4 Road construction ----5 Sewerage construction ---6 Preparing holes for tree plantation---7 Trenches----8 Wire mesh (Gabiyon )---9 Bridge construction---10 Stone terracing ---11 Others -----12</p>	<p>32a_1. During this agriculture season, how much of the was used [CURRENT AGRICULTURE SEASON]?</p>	<p>32a_2. Unit used to measure the pesticide on</p> <p>GRAM...1 KILO GRAM...2 LITRE.....3</p>	<p>32b_1. During this agriculture season, how much of the herbicide was used [CURRENT AGRICULTURE SEASON]?</p>	<p>32b_2. Unit used to measure the herbicide on</p> <p>GRAM...1 KILO GRAM...2 LITRE.....3</p>	<p>32c_1. During this agriculture season, how much of the fungicide was used [CURRENT AGRICULTURE SEASON]?</p>	<p>32c_2. Unit used to measure the fungicide on</p> <p>GRAM...1 KILO GRAM...2 LITRE.....3</p>	
	<p>NUMBER OF DAYS</p>	<p>Activity 1</p>	<p>Activity 2</p>	<p>Activity 3</p>					

**SECTION 8.1: OWNERSHIP**

LIVESTOCK TYPE	LIVESTOCK TYPE CODE	LIVESTOCK NAME	LIVESTOCK CODE	1	2	3	4		5		6
				NUMBER	NUMBER	NUMBER	HOUSEHOLD MEMBER ID #1	HOUSEHOLD MEMBER ID #2	HOUSEHOLD MEMBER ID #1	HOUSEHOLD MEMBER ID #2	MAIN REASON
				How many [LIVESTOCK NAME] does the holder currently keep (both his own and from other households) IF "0"GO TO NEXT [LIVESTOCK NAME]	How many [LIVESTOCK NAME] recorded in Q1 belongs to other household ?	How many of [LIVESTOCK NAME] are crossed with an exotic breed?	Who mainly owns the [LIVESTOCK NAME]? (Applicable if Q1 is not zero)		Who mainly keeps/manages the [LIVESTOCK NAME]? (Applicable if Q2 is not zero)		What are the holder's major purposes for owning / keeping [LIVESTOCK NAME]?  SALE OF LIVE ANIMALS.....1 SALE OF LIVESTOCK PRODUCTS.....2 FOOD FOR THE FAMILY.....3 SAVINGS AND INSURANCE.....4 SOCIAL STATUS.....5 CROP AGRICULTURE (MANURE, DRAUGHT POWER).....6 TRANSPORT.....7 OTHER (SPECIFY).....8
LARGE RUMINANTS	1	Bulls	1								
		Oxen	2								
		Cow	3								
		Steers	4								
		Heifers	5								
		Calves	6								
SMALL RUMINANTS	2	Goats	7								
		Sheep	8								
CAMELIDS	3	Camels	9								
POULTRY	4	Chicken - cocks / broilers	10								
		Chicken - hens / layers	11								
		Chicks	12								
EQUINES	5	Horses	13								
		Mules	14								
		Donkeys	15								
BEE COLONY	6	Bee Colony	16								





**SECTION 8.1: O' SECTION 8.3. BREEDING**

LIVESTOCK TYPE	LIVESTOCK TYPE CODE	LIVESTOCK CODE	1	2	3	4	5	6	7
			Has this holder practiced any controlled mating or other breeding strategy for [LIVESTOCK TYPE] in the past 12 months?  YES..1 NO...2 >> Q5 NOT APPLICABLE.... NEXT ROW	What has been the main controlled mating or breeding strategy used by this holder for [LIVESTOCK TYPE] in the past 12 months?  NATURAL MATING, SIRE SELECTED FROM WITHIN THE HERD.....1 NATURAL MATING, SIRE PURCHASED OR EXCHANGED.....2 NATURAL MATING, NON-BREEDING MALES CASTRATED.....3 NATURAL MATING, DAM PURCHASED.....4 ARTIFICIAL INSEMINATION.....5 OTHER (SPECIFY).....6	Has this holder incurred any cost related to breeding [LIVESTOCK TYPE]?  YES...1 NO ...2 >>Q5	How much did this holder spend in total over the last 12 months for breeding [LIVESTOCK TYPE]?  BIRR	Has this holder paid anyone outside of the household specifically to help look after [LIVESTOCK TYPE] ?  DO NOT INCLUDE IF THESE INDIVIDUAL(S) WERE ACCOUNTED FOR IN POST-PLANTING LABOR.  YES..1 NO...2 >> Q7	How much did this holder spend on wages for those looking after [LIVESTOCK TYPE] in the last 12 months?  BIRR	What housing system for [LIVESTOCK TYPE] has this holder mainly used in the past 12 months? NONE.....1 CONFINED IN SHEDS.....2 CONFINED IN PADDOCKS.....3 CONFINED FENCES.....4 BASKET.....5 INSIDE THE HOUSE (E.G. KITCHEN)...../.....6 OTHER (SPECIFY).....7 NOT APPLICABLE.....8

LARGE RUMINANTS	1	1							
		2							
		3							
		4							
		5							
SMALL RUMINANTS	2	7							
		8							
CAMELIDS	3	9							
POULTRY	4	10							
		11							
		12							
EQUINES	5	13							
		14							
		15							
BEE COLONY	6	16							











What is your level of education?		
Level of education	CODE	Description of Educational Status
<b>Based on both Curriculums</b>		
K.G	0	K.G, 0 grade (preparatory), Nursery, or 1 <sup>st</sup> grade though cannot read and write
	1	Non educated/ illiterate
	2	Educated in Informal Schools
3 <sup>rd</sup>	3	Completed 1 <sup>st</sup> grade
4 <sup>th</sup>	4	Completed 2 <sup>nd</sup> grade
5 <sup>th</sup>	5	Completed 3 <sup>rd</sup> grade
6 <sup>th</sup>	6	Completed 4 <sup>th</sup> grade
7 <sup>th</sup>	7	Completed 5 <sup>th</sup> grade
8 <sup>th</sup>	8	Completed 6 <sup>th</sup> grade
9 <sup>th</sup>	9	Completed 7 <sup>th</sup> grade
10 <sup>th</sup>	10	Completed 8 <sup>th</sup> grade
<b>B. Based on previous Curriculum</b>		
9 <sup>th</sup>	11	Completed 9 <sup>th</sup> grade
10 <sup>th</sup>	12	Completed 10 <sup>th</sup> grade
11 <sup>th</sup>	13	Completed 11 <sup>th</sup> grade
12 <sup>th</sup>	14	Completed 12 <sup>th</sup> grade and have taken ESLC exam and passed the exam or not passed
Above 12 <sup>th</sup>	15	Above 12 such as Certificate ,Diploma,Degree etc.
<b>Based on the New Curriculum</b>		
9 <sup>th</sup>	16	Completed 9 <sup>th</sup> grade
10 <sup>th</sup>	17	Completed 10 <sup>th</sup> grade , passed the exam or not
Studying 10+1,10+2,10+3	18	Completed 10 <sup>th</sup> grade and studying at vocational and technical schools
Completed 10+1,10+2,10+3	19	Completed technical and vocational course
11th preparatory	20	Completed 11th grade
12th preparatory	21	Completed 12th grade
13th preparatory	22	Completed 1 year course in bachelor degree or level 4 program