

ESS PP_LS_CC Wave 5 Final

SURVEY IDENTIFICATION INFORMATION QUESTIONNAIRE DESCRIPTION

SECTION A: COVER የሽፋን ገፅ

Sub-sections: 4, No rosters, Questions: 59.

SECTION 1: HOUSEHOLD ROSTER

No sub-sections, Rosters: 1, Questions: 8.

SECTION 2: PARCEL ROSTER የፓሮል ሮስተር

No sub-sections, Rosters: 1, Questions: 31.

SECTION 3: FIELD ROSTER የጦሩ ሮስተር

No sub-sections, Rosters: 2, Questions: 117, Static texts: 4, Variables: 1.

SECTION 4: CROP ROSTER የሰራተኛ ሮስተር

No sub-sections, Rosters: 3, Questions: 44, Static texts: 3.

CROP CUT የሰራተኛ አጭ ዳ በጦሩ (ድምጽ እና ከራስረረ ሰበሎችን አይጭ ያረፍ)

No sub-sections, Rosters: 3, Questions: 6.

SECTION 5: SEEDS ROSTER የዘር ሮስተር

No sub-sections, Rosters: 1, Questions: 18.

SECTION 7: MISC. HOLDER QUESTIONS አጥቃላይ ጥያቄዎች

No sub-sections, No rosters, Questions: 69.

SECTION 8.1: OWNERSHIP የቤት እንክሳት የይዘታ ባለቤታት

No sub-sections, Rosters: 1, Questions: 7.

SECTION 8.2: CHANGE IN STOCK የሰዓት ለውጥ

No sub-sections, Rosters: 1, Questions: 20, Static texts: 6.

SECTION 8.3. BREEDING ጥዳቃ

Sub-sections: 4, Rosters: 1, Questions: 39.

SECTION 8.4: MILK, EGG PRODUCTION AND ANIMAL POWER የውተትና እንጭላል ያረፉ

Sub-sections: 3, Rosters: 1, Questions: 25.

SECTION 7B: MISC. HOUSEHOLD QUESTIONS አጥቃላይ ጥያቄዎች

No sub-sections, No rosters, Questions: 4.

ENUMERATORS' INFORMATION

No sub-sections, No rosters, Questions: 6.

APPENDIX A — VALIDATION CONDITIONS AND MESSAGES

APPENDIX B — INSTRUCTIONS

APPENDIX C — CATEGORIES

LEGEND

SURVEY IDENTIFICATION INFORMATION
QUESTIONNAIRE DESCRIPTION

Basic information

Title ESS PP_LS_CC Wave 5 Final

SECTION A: COVER የሽፋን ገፅ

1. Region	SINGLE-SELECT SCOPE: IDENTIFYING 01 <input type="radio"/> TIGRA 02 <input type="radio"/> AFAR 03 <input type="radio"/> AMHARA 04 <input type="radio"/> OROMIA 05 <input type="radio"/> SOMALI 06 <input type="radio"/> BENISHANGUL GUMUZ 07 <input type="radio"/> SNNPR 12 <input type="radio"/> GAMBELA 13 <input type="radio"/> HARERI 14 <input type="radio"/> ADDIS ABABA 15 <input type="radio"/> DIREDAWA	saq01
2a. Zone	TEXT SCOPE: IDENTIFYING	saq02a
2b. Zone Name	TEXT SCOPE: IDENTIFYING	saq02b
3a. Woreda	TEXT SCOPE: IDENTIFYING	saq03a
3b. Woreda NAME	TEXT SCOPE: IDENTIFYING	saq03b
4. City	NUMERIC: INTEGER SCOPE: IDENTIFYING	saq04
5. Sub city	NUMERIC: INTEGER SCOPE: IDENTIFYING	saq05
6a. Kebele / FA/	TEXT SCOPE: IDENTIFYING	saq06a
6b. Kebele NAME/ FA/	TEXT SCOPE: IDENTIFYING	saq06b
7a. Enumeration Area	TEXT SCOPE: IDENTIFYING	saq07a

7b. Enumeration Area	TEXT SCOPE: IDENTIFYING	saq07b
8. Household ID	NUMERIC: INTEGER SCOPE: IDENTIFYING	saq08
9. Holder	NUMERIC: INTEGER	saq09
10. Household Head Name	TEXT	saq10
11. Holder Name	TEXT	saq11
12. Household Size	NUMERIC: INTEGER	saq12
13. Village name	TEXT	saq13
14. Rural/Urban	SINGLE-SELECT SCOPE: IDENTIFYING 01 <input type="radio"/> RURAL 02 <input type="radio"/> URBAN	saq14

SECTION A: COVER ቅጽ ፩

TRACKING INFORMATION

TR8. Current status of sampled household	SINGLE-SELECT 01 <input type="radio"/> Found in same dwelling 02 <input type="radio"/> Found in different dwelling within the kebele/peasant association 03 <input type="radio"/> Moved to nearby kebele /peasant association 04 <input type="radio"/> Moved to other kebele /peasant association within the woreda 05 <input type="radio"/> Moved to other kebele/peasant association within the region 06 <input type="radio"/> Moved to other kebele/peasant association outside the region 07 <input type="radio"/> Moved to other Country 08 <input type="radio"/> No one knows where the household moved 09 <input type="radio"/> Dead 10 <input type="radio"/> Other specify	tr_q08
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TR9 Does your household have any plans to move to other areas outside the EA within the next three months? E tr_q08.InList(1,2)	SINGLE-SELECT 01 <input type="radio"/> YES 02 <input type="radio"/> NO tr_q09
TR10 What is the address of the new dwelling you plan to move to? E tr_q08.InList(1,2) && tr_q09==1	TEXT tr_q10
TR11 When did this household move? (Date the household moved to new location) E tr_q08.InList(3,4,5,6,7,10)	DATE tr_q11
TR12 Is this a permanent move? (that is, the household will not be moving back) E tr_q08.InList(3,4,5,6,7,10)	SINGLE-SELECT 01 <input type="radio"/> YES 02 <input type="radio"/> NO 03 <input type="radio"/> NOT APPLICABLE tr_q12
TR13 When do you expect the household (members) to return? E tr_q08.InList(3,4,5,6,7,10) && tr_q12==2	DATE tr_q13
TR14 Have all household members moved to the current location E tr_q08.InList(3,4,5,6,7,10)	SINGLE-SELECT 01 <input type="radio"/> YES 02 <input type="radio"/> NO 03 <input type="radio"/> NOT APPLICABLE tr_q14
TR15 How many new locations have they moved to? E tr_q08.InList(3,4,5,6,7,10)	NUMERIC: INTEGER tr_q15

SECTION A: COVER ቅጽ / TRACKING INFORMATION

PLEASE COLLECT INFORMATION ON THE LOCATION AND ADDRESS OF MOVED HOUSEHOLDS MOVED TO THIS NEW LOCATION IN ETHIOPIA.

TR16 Region the household moved to E tr_q08.InList(3,4,5,6,7,10)	SINGLE-SELECT 01 <input type="radio"/> TIGRA 02 <input type="radio"/> AFAR 03 <input type="radio"/> AMHARA 04 <input type="radio"/> OROMIA 05 <input type="radio"/> SOMALI 06 <input type="radio"/> BENISHANGUL GUMUZ 07 <input type="radio"/> SNNPR/SIDAMA 12 <input type="radio"/> GAMBELA 13 <input type="radio"/> HARERI 14 <input type="radio"/> ADDIS ABABA 15 <input type="radio"/> DIREDAWA tr_q16
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TR17 Zone the household moved to	TEXTtr_q17
TR18 Woreda the household moved to	TEXTtr_q18
TR19 Kebele/FA/City the household moved to	TEXTtr_q19
TR20 Village/Neighborhood the household moved to	TEXTtr_q20
TR21 How many of the household members moved to the last location?	NUMERIC: INTEGERtr_q21 -----
TR22 Telephone Number to contact the household 1 I Enumerator :If no phone numebr please record 0999 999999.	TEXTtr_q22
TR23 Name of the Telephone holder E tr_q22 != "0999 999999"	TEXTtr_q23
TR24 Telephone Number to contact the household 2 I Enumerator :If no other phone numebr please record 0999 999999. E tr_q22 != "0999 999999"	TEXTtr_q24
TR25 Name of the Telephone holder E tr_q24 != "0999 999999" && tr_q22 != "0999 999999"	TEXTtr_q25
TR26 Detail Additional Information of Moved Household that will help us to track the household	TEXTtr_q26

SECTION A: COVER INFORMATION / TRACKING INFORMATION
SECTION 4: INFORMANT IDENTIFICATION

E tr_q08.InList(3,4,5,6,7,10)

4.1 FULL NAME OF THE INFORMANT	TEXTtr_slq1
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1. RELATIONSHIP OF THE INFORMANT (%tr_s1q1%) WITH THE HOUSEHOLD	<div>SINGLE-SELECT</div> <div>tr_s1q2</div> <div>01 <input type="radio"/> HEAD</div> <div>02 <input type="radio"/> SPOUSE</div> <div>03 <input type="radio"/> OWN CHILD</div> <div>04 <input type="radio"/> STEP CHILD</div> <div>05 <input type="radio"/> ADOPTED CHILD</div> <div>06 <input type="radio"/> GRANDCHILD</div> <div>07 <input type="radio"/> BROTHER/SISTER</div> <div>08 <input type="radio"/> NIECE/NEPHEW</div> <div>09 <input type="radio"/> BROTHER/SISTER-IN-LAW</div> <div>10 <input type="radio"/> PARENT</div> <div>11 <input type="radio"/> PARENT-IN-LAW</div> <div>12 <input type="radio"/> DOMESTIC HELP (RESIDENT)</div> <div>13 <input type="radio"/> DOMESTIC HELP (NON RESIDENT)</div> <div>14 <input type="radio"/> OTHER RELATION</div> <div>15 <input type="radio"/> OTHER NON-RELATION (friend or neighbor)</div>
<div>4.3 PHONE NUMBER 1 of the informant</div> <div>I Enumerator :If no phone numebr please record 0999 999999.</div>	<div>TEXT</div> <div>tr_s1q3</div> <div>.....</div>
<div>4.4 PHONE NUMBER 2 of the informant</div> <div>E tr_s1q3 != "0999 999999"</div>	<div>TEXT</div> <div>tr_s1q4</div> <div>.....</div>

SECTION A: COVER ቅጽ 4.3 ገጽ 8

5. PHONE CONTACT INFORMATION OF HOUSEHOLDS WHO ARE FOUND IN THE EA/ KEBELE

E tr_q08.InList(1,2)

<div>5.1 Telephone Number to contact the household in the future1</div> <div>I Enumerator :If no phone numebr please record 0999 999999.</div>	<div>TEXT</div> <div>tr_s5q1</div> <div>.....</div>
<div>5.2 Name of the Telephone holder</div> <div>E tr_s5q1 != "0999 999999"</div>	<div>TEXT</div> <div>tr_s5q2</div> <div>.....</div>

<p>5.3 RELATIONSHIP OF %tr_s5q2% TO THE HEAD OF HOUSEHOLD</p> <p>E tr_s5q1 != "0999 999999"</p>	<p>SINGLE-SELECT tr_s5q3</p> <p>01 <input type="radio"/> HEAD</p> <p>02 <input type="radio"/> SPOUSE</p> <p>03 <input type="radio"/> OWN CHILD</p> <p>04 <input type="radio"/> STEP CHILD</p> <p>05 <input type="radio"/> ADOPTED CHILD</p> <p>06 <input type="radio"/> GRANDCHILD</p> <p>07 <input type="radio"/> BROTHER/SISTER</p> <p>08 <input type="radio"/> NIECE/NEPHEW</p> <p>09 <input type="radio"/> BROTHER/SISTER-IN-LAW</p> <p>10 <input type="radio"/> PARENT</p> <p>11 <input type="radio"/> PARENT-IN-LAW</p> <p>12 <input type="radio"/> DOMESTIC HELP (RESIDENT)</p> <p>13 <input type="radio"/> DOMESTIC HELP (NON RESIDENT)</p> <p>14 <input type="radio"/> OTHER RELATION</p> <p>15 <input type="radio"/> OTHER NON-RELATION (friend or neighbor)</p>
<p>5.4 Telephone Number to contact the household in the future2</p> <p>I Enumerator :If no other phone numebr please record 0999 999999.</p> <p>E tr_s5q1 != "0999 999999"</p>	<p>TEXT tr_s5q4</p> <p>.....</p>
<p>5.5 Name of the Telephone holder</p> <p>E tr_s5q4 != "0999 999999" && tr_s5q1 != "0999 999999"</p>	<p>TEXT tr_s5q5</p> <p>.....</p>
<p>5.6 RELATIONSHIP OF %tr_s5q5% TO THE HEAD OF HOUSEHOLD</p> <p>E tr_s5q4 != "0999 999999" && tr_s5q1 != "0999 999999"</p>	<p>SINGLE-SELECT tr_s5q6</p> <p>01 <input type="radio"/> HEAD</p> <p>02 <input type="radio"/> SPOUSE</p> <p>03 <input type="radio"/> OWN CHILD</p> <p>04 <input type="radio"/> STEP CHILD</p> <p>05 <input type="radio"/> ADOPTED CHILD</p> <p>06 <input type="radio"/> GRANDCHILD</p> <p>07 <input type="radio"/> BROTHER/SISTER</p> <p>08 <input type="radio"/> NIECE/NEPHEW</p> <p>09 <input type="radio"/> BROTHER/SISTER-IN-LAW</p> <p>10 <input type="radio"/> PARENT</p> <p>11 <input type="radio"/> PARENT-IN-LAW</p> <p>12 <input type="radio"/> DOMESTIC HELP (RESIDENT)</p> <p>13 <input type="radio"/> DOMESTIC HELP (NON RESIDENT)</p> <p>14 <input type="radio"/> OTHER RELATION</p> <p>15 <input type="radio"/> OTHER NON-RELATION (friend or neighbor)</p>

<div>5.7 Telephone Number to contact the household in the future 3</div> <div>I Enumerator :If no other phone numebr please record 0999 999999. E tr_s5q4!="0999 999999" && tr_s5q1 !="0999 999999"</div>	<div>TEXTtr_s5q7</div> <div>.....</div>
<div>5.8 Name of the Telephone holder</div> <div>E tr_s5q7!="0999 999999" && tr_s5q4!="0999 999999" && tr_s5q1 !="0999 999999"</div>	<div>TEXTtr_s5q8</div> <div>.....</div>
<div>5.9 RELATIONSHIP OF %tr_s5q8% TO THE HEAD OF HOUSEHOLD</div> <div>E tr_s5q7!="0999 999999" && tr_s5q4 !="0999 999999" && tr_s5q1 !="0999 999999"</div>	<div>SINGLE-SELECTtr_s5q9</div> <div>01 <input type="radio"/> HEAD</div> <div>02 <input type="radio"/> SPOUSE</div> <div>03 <input type="radio"/> OWN CHILD</div> <div>04 <input type="radio"/> STEP CHILD</div> <div>05 <input type="radio"/> ADOPTED CHILD</div> <div>06 <input type="radio"/> GRANDCHILD</div> <div>07 <input type="radio"/> BROTHER/SISTER</div> <div>08 <input type="radio"/> NIECE/NEPHEW</div> <div>09 <input type="radio"/> BROTHER/SISTER-IN-LAW</div> <div>10 <input type="radio"/> PARENT</div> <div>11 <input type="radio"/> PARENT-IN-LAW</div> <div>12 <input type="radio"/> DOMESTIC HELP (RESIDENT)</div> <div>13 <input type="radio"/> DOMESTIC HELP (NON RESIDENT)</div> <div>14 <input type="radio"/> OTHER RELATION</div> <div>15 <input type="radio"/> OTHER NON-RELATION (friend or neighbor)</div>
<div>15. What is the holder's farm type</div>	<div>SINGLE-SELECTsaq15</div> <div>01 <input type="radio"/> Crop</div> <div>02 <input type="radio"/> Livestock</div> <div>03 <input type="radio"/> Both</div> <div>04 <input type="radio"/> None</div>

21. Branch code	<p>SINGLE-SELECT SCOPE: IDENTIFYING</p> <p>01 <input type="radio"/> Adama</p> <p>02 <input type="radio"/> Addis Ababa</p> <p>03 <input type="radio"/> Ambo</p> <p>04 <input type="radio"/> Arbaminch</p> <p>05 <input type="radio"/> Asayita</p> <p>06 <input type="radio"/> Assosa</p> <p>07 <input type="radio"/> Bahirdar</p> <p>08 <input type="radio"/> Chiro</p> <p>09 <input type="radio"/> Debrebirhan</p> <p>10 <input type="radio"/> Dessie</p> <p>11 <input type="radio"/> Diredawa</p> <p>12 <input type="radio"/> Gambela</p> <p>13 <input type="radio"/> Goba</p> <p>14 <input type="radio"/> Gondar</p> <p>15 <input type="radio"/> Harar</p> <p>16 <input type="radio"/> Hawassa</p> <p>And 9 other symbols [8]</p>	saq21
22.Is the holder Maize Crop Cut panel holder?	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>	saq22
23.Is the holder Maize Crop Cut panel EA?	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>	saq23

SECTION 1: HOUSEHOLD ROSTER

<div>1. NAME</div> <div>MAKE A COMPLETE LIST OF ALL INDIVIDUALS WHO NORMALLY LIVE AND EAT THEIR MEALS TOGETHER IN THIS HOUSEHOLD, STARTING WITH THE HEAD OF HOUSEHOLD. 1.ሁሉንም የቤተሰብ አባላት ውህድራዊ</div> <div>I INTERVIEWER FIRST: -LISTS OF ALL MEMBERS FROM THE ESS WAVE 4 I S PREFILLED IN THE CAPI. -KEEP THE SAME NAME AS PREFILLED FROM WAVE 4 . THESE HOUSEHOLD MEMBERS WILL REMAIN IN THE LIST EVEN IF THE MEMBER And 352 other symbols [1]</div>	<div>LISTs1q01</div> <div></div>
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SECTION 1: HOUSEHOLD ROSTER

Roster: HOUSEHOLD ROSTER

generated by list question [s1q01](#)

hhroster

Household Member (wave 4)	<div>NUMERIC: INTEGERHH_Mem_ID</div> <div>SCOPE: HIDDEN</div> <div></div>
1a. INTERVIEWER: IS [NAME] A NEW MEMBER OF THE HOUSEHOLD (ADDED ON THIS VISIT)?	<div>SINGLE-SELECTs1q01a</div> <div>01 <input type="radio"/> YES</div> <div>02 <input type="radio"/> NO</div>
1b. Does [NAME] still reside in this household? <div>E s1q01a==2</div>	<div>SINGLE-SELECTs1q01b</div> <div>01 <input type="radio"/> YES</div> <div>02 <input type="radio"/> NO</div>
2. How old is %rosteritle% YEARS <div>I FOR HOUSEHOLD MEMBERS AGED 98 AND ABOVE PLEASE RECORD 98 የኢትዮጵያ አባላት ሕይወት ዘመን 98 ዓመት ወይ በላይ ያሉ አባላት ይጽጡ</div> <div>E s1q01b!=2</div> <div>V1 // age range self.InRange(0,98)</div> <div>M1 የኢትዮጵያ አባላት ሕይወት ከ 98 በላይ ወይ በታች ያለው</div>	<div>NUMERIC: INTEGERs1q02</div> <div></div>
3. What is the gender of %rosteritle% ? <div>E s1q01b!=2</div>	<div>SINGLE-SELECTs1q03</div> <div>01 <input type="radio"/> MALE</div> <div>02 <input type="radio"/> FEMALE</div>
4. What is %rosteritle% farm holding type? <div>4.%rosteritle%</div> <div>I ከ10 ዓመት በታች ለሆኑ የኢትዮጵያ አባላት አይደሉም ለሆኑት</div> <div>E s1q02>=10 && s1q01b!=2</div>	<div>SINGLE-SELECTs1q04</div> <div>01 <input type="radio"/> Crop</div> <div>02 <input type="radio"/> Livestock</div> <div>03 <input type="radio"/> Both</div> <div>04 <input type="radio"/> None</div>

5. Is %rosteritle%the holder for this questionnaire?

I ENUMERATOR: EACH HOLDER IN THE HOUSEHOLD WILL COMPLETE A SEPARATE AG QUESTIONNAIRE
E s1q04.InList(1,2,3) && s1q01b!=2
V1 // This checks if there is only one holder for this questionnaire // Check that all information has been filled
hhroster.All(x=>x.s1q05!=null) ? // If all information has been filled out, check fo [And 183 other symbols \[1\]](#)
M1 This questionnaire will be completed for one holder

SINGLE-SELECT

s1q05

- 01 ☐ YES
02 ☐ NO

SECTION 2: PARCEL ROSTER የፖርሰል ርዕደር

<p>1.ENUMERATOR: FIRST: LIST OF ALL PARCELS FROM THE ESS WAVE 4 IS PREFILLED IN THE CAPI -KEEP THE SAME PARCEL NAMES AS PREFILLED FROM ESS WAVE 4. KEEP ALL ESS WAVE 4 PARCELS EVEN IF THE PARCEL IS DISPOSED OR RENTED OUT SECOND: AFTER ASKING ABOUT ALL ESS WAVE 4 PARCELS, THEN ADD NEW PARCELS "Now, please give me the list of other parcels of land owned, rented in and rented out (both cultivated and non cultivated) other than what I have mentioned before"</p> <p>V1 // the number of distinct names... s2q01.Select(x=>x.Item2.ToUpper()).Distinct().Count() == // ... must be equal to the number of entered names s2q01.Count()</p> <p>M1 YOU HAVE ENTERED SAME PARCEL NAMES FOR TWO DIFFRENT PARCELS. PLEASE CORRECT</p> <p>V2 // all parcel names must have at least 4 characters s2q01.All(x=>x.Item2.Length>=4)</p> <p>M2 PARCEL NAME MUST HAVE ATLEAST 4 CHARACTERS (SHORT PARCEL NAME)</p>	<p>LIST s2q01</p> <p>-----</p>
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SECTION 2: PARCEL ROSTER የፖርሰል ርዕደር
Roster: PARCEL ROSTER
generated by list question s2q01

Parcelroster

<p>Parcel ID (wave 4)</p>	<p>NUMERIC: INTEGER SCOPE: HIDDEN Parcel_ID</p> <p>-----</p>
<p>1a.SELECT NAME OF THE PERSON RESPONDING ABOUT THIS %rosteritle%</p>	<p>SINGLE-SELECT: LINKED s2q1a SOURCE OF CATEGORIES: TEXT LIST QUESTION s1q01</p>
<p>1b. ENUMERATOR: IS %rosteritle% A NEW PARCEL ADDED ON THIS VISIT?</p>	<p>SINGLE-SELECT s2q01b</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>1c. Is %rosteritle% still owned or rented/shared cropped in or borrowed for free by the holder?</p> <p>E s2q01b==2</p>	<p>SINGLE-SELECT s2q01c</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>2.What is the number of Fields in this %rosteritle%</p> <p>I if the parcel is rented out or sharecropped out or given for free please consider the whole parcel as one plot</p> <p>E s2q01c !=2</p> <p>V1 self >0</p> <p>M1 የፖርሰል ርዕደር ይህን ዓይነት የልብ ወለድ</p>	<p>NUMERIC: INTEGER s2q02</p> <p>-----</p>
<p>3.Does your household have a document for this %rosteritle%, such as a title deed, certificate of ownership, certificate of hereditary acquisition, lease or rental contract ?</p> <p>E s2q01c !=2</p>	<p>SINGLE-SELECT s2q03</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>

<p>4a.What type of documents does your household have for this%rosteritle%? DOCUMENT #1</p> <p>I አከክህ ሁለት ወይ ከረጅም ውስጥ ሆኖ ፡፡</p> <p>E s2q03==1</p>	<p>MULTI-SELECT s2q04a</p> <p>01 <input type="checkbox"/> TITLE DEED</p> <p>02 <input type="checkbox"/> CERTIFICATE OF CUSTOMARY OWNERSHIP</p> <p>03 <input type="checkbox"/> CERTIFICATE OF OCCUPANCY</p> <p>04 <input type="checkbox"/> CERTIFICATE OF HEREDITARY ACQUISITION LISTED IN REGISTRY</p> <p>05 <input type="checkbox"/> SURVEY PLAN</p> <p>06 <input type="checkbox"/> RENTAL CONTRACT, REGISTERED</p> <p>07 <input type="checkbox"/> LEASE, REGISTERED</p> <p>08 <input type="checkbox"/> OTHER (SPECIFY)</p>
<p>Other specify</p> <p>ሌላ ይገለጽ</p> <p>E s2q04a.Contains(8)</p>	<p>TEXT s2q04a_other</p> <p>.....</p>
<p>4b.Which household members are listed as owners or use rights holders on each%rosteritle%?</p> <p>E s2q03==1</p>	<p>MULTI-SELECT: LINKED s2q04b</p> <p>SOURCE OF CATEGORIES: TEXT LIST QUESTION S1Q01</p>
<p>5.How did your household acquire this %rosteritle% ?</p> <p>E s2q01c !=2</p>	<p>SINGLE-SELECT s2q05</p> <p>01 <input type="radio"/> GRANTED BY LOCAL LEADERS</p> <p>02 <input type="radio"/> INHERITED</p> <p>03 <input type="radio"/> RENT</p> <p>04 <input type="radio"/> BORROWED FOR FREE</p> <p>05 <input type="radio"/> MOVED IN WITHOUT PERMISSION</p> <p>06 <input type="radio"/> SHARED CROP IN</p> <p>07 <input type="radio"/> PURCHASED</p> <p>08 <input type="radio"/> OTHER (SPECIFY)</p>
<p>Other specify</p> <p>E s2q05==8</p>	<p>TEXT s2q05_other</p> <p>.....</p>
<p>6.Does anyone in the household have the right to sell this %rosteritle%or use it as collateral, either or alone or with someone else?</p> <p>E s2q05.InList(1,2,5,7,8) && s2q01c !=2</p>	<p>SINGLE-SELECT s2q06</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>7. Who in this household can decide whether to sell this %rosteritle% or use it as collateral?</p> <p>I SELECT UP TO TWO NAMES FROM HOUSEHOLD ROSTER. አከክህ ወይ ረጅም ውስጥ ፡፡</p> <p>E s2q06==1 && s2q01c !=2</p>	<p>MULTI-SELECT: LINKED s2q07</p> <p>SOURCE OF CATEGORIES: TEXT LIST QUESTION S1Q01</p>
<p>8.Does anyone in the household have the right to bequeath this%rosteritle%either alone or with someone else?</p> <p>E s2q05.InList(1,2,5,7,8) && s2q01c !=2</p>	<p>SINGLE-SELECT s2q08</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>

<p>9. Who in this household can decide whether to bequeath this %rosteritle%?</p>	<p>MULTI-SELECT: LINKED SOURCE OF CATEGORIES: TEXT LIST QUESTION S1Q01</p>
<p>I SELECT UP TO TWO NAMES OF PERSONS E s2q08==1 && s2q01c !=2</p>	<p>s2q09</p>
<p>10a. How much did you pay the owner for the use of %rosteritle% in the [CURRENT AGRICULTURE SEASON]? CASH</p>	<p>NUMERIC: INTEGER s2q10a</p>
<p>E s2q05==3 && s2q01c !=2</p>	<p>-----</p>
<p>10b. How much did you pay the owner for the use of %rosteritle% in the [CURRENT AGRICULTURE SEASON]? IN KIND</p>	<p>NUMERIC: INTEGER s2q10b</p>
<p>I ESTIMATE THE VALUE OF IN-KIND PAYMENTS. E s2q05==3 && s2q01c !=2</p>	<p>-----</p>
<p>10c. How much did you pay the owner for the use of %rosteritle% in the [CURRENT AGRICULTURE SEASON]? SHARE</p>	<p>NUMERIC: INTEGER s2q10c</p>
<p>E s2q05==6 && s2q01c !=2 V1 \$Percentages M1 Percentage can not exceed 100 and not less than 0</p>	<p>-----</p>
<p>11. What period of time did this payment/free borrowing cover for %rosteritle%?</p>	<p>SINGLE-SELECT s2q11</p>
<p>E s2q05.InList(3,4,6) && s2q01c !=2</p>	<p>01 <input type="radio"/> MEHER SEASON 02 <input type="radio"/> BELG SEASON 03 <input type="radio"/> FULL YEAR 04 <input type="radio"/> OTHER(SPECIFY)</p>
<p>Other specify</p>	<p>TEXT s2q11_other</p>
<p>E s2q05.InList(3,4,6) && s2q11==4</p>	<p>-----</p>
<p>12. Who owns this %rosteritle% you rented in/received for free/borrowed or shared? OWNER (NW) #</p>	<p>MULTI-SELECT s2q12</p>
<p>I LIST UP TO 2. E s2q05.InList(3,4,6) && s2q01c !=2</p>	<p>01 <input type="checkbox"/> RELATIVE 02 <input type="checkbox"/> FRIEND/NEIGHBOR 03 <input type="checkbox"/> VILLAGE HEADMAN 04 <input type="checkbox"/> AGRICULTURAL COOPERATIVE 05 <input type="checkbox"/> GOVERNMENT AGENCY 06 <input type="checkbox"/> FARMER BASED CLUB/ASSOCIATION 07 <input type="checkbox"/> Village Development Committee MEMBER 08 <input type="checkbox"/> Non Releted Individualresident of the area 99 <input type="checkbox"/> OTHER (SPECIFY)</p>
<p>Other specify</p>	<p>TEXT s2q12_other</p>
<p>E s2q05.InList(3,4,6) && s2q12.Contains(99)</p>	<p>-----</p>

<p>13.During the [CURRENT AGRICULTURE SEASON], was %rosteritle% rented out/ share cropped out or given out for free?</p> <p>I "Rented Out" includes both land that was given out for money or free E s2q05.InList(1,2,5,7,8) && s2q01c !=2</p>	<p>SINGLE-SELECT s2q13</p> <p>01 <input type="radio"/> Yes,all in all rent</p> <p>02 <input type="radio"/> Yes,all in all share</p> <p>03 <input type="radio"/> Yes,all free</p> <p>04 <input type="radio"/> No</p>
<p>14.If you were to rent out this%rosteritle%today for 12 months, how much could you rent it for?</p> <p>E (s2q13==3 s2q13==4) && s2q01c !=2</p>	<p>NUMERIC: INTEGER s2q14</p> <p>-----</p>
<p>15a.How much was received from renting out from these fields on this%rosteritle%in the [CURRENT AGRICULTURE SEASON]?IN CASH</p> <p>E s2q13==1 && s2q01c !=2</p>	<p>NUMERIC: INTEGER s2q15a</p> <p>-----</p>
<p>15b.How much was received from renting out from these fields on this%rosteritle%in the [CURRENT AGRICULTURE SEASON]?IN KIND</p> <p>I በዓልነት የተበላሸ ስጦታ ምን ዓይነት ተገኝቶ ይገኛል? E s2q13==1 && s2q01c !=2</p>	<p>NUMERIC: INTEGER s2q15b</p> <p>-----</p>
<p>15c.How much was received from shared out of these fields on this%rosteritle%in the [CURRENT AGRICULTURE SEASON]?SHARE</p> <p>I RECORD IN PERCENTAGE SHARE E s2q13==2 && s2q01c !=2 V1 self.InRange(1,100) M1 Percentage can not exceed 100 and not less than 0</p>	<p>NUMERIC: INTEGER s2q15c</p> <p>-----</p>
<p>16.What is the predominant soil type of this%rosteritle%?</p> <p>I READ ANSWERS E s2q01c !=2</p>	<p>SINGLE-SELECT s2q16</p> <p>01 <input type="radio"/> LEPTOSOL</p> <p>02 <input type="radio"/> CAMBISOL</p> <p>03 <input type="radio"/> VERTISOL</p> <p>04 <input type="radio"/> LUVISOL</p> <p>05 <input type="radio"/> MIXED TYPE</p> <p>06 <input type="radio"/> OTHER SOIL TYPE (SPECIFY)</p> <p>07 <input type="radio"/> OTHER PARCEL USE (BARN, RESIDENTIAL, ETC.)</p>
<p>Other specify</p> <p>E s2q16==6</p>	<p>TEXT s2q16_other</p> <p>-----</p>
<p>17.What is the soil fertility of this %rosteritle%?</p> <p>I READ ANSWERS E s2q16.InList(1,2,3,4,5,6) && s2q01c !=2</p>	<p>SINGLE-SELECT s2q17</p> <p>01 <input type="radio"/> GOOD</p> <p>02 <input type="radio"/> FAIR</p> <p>03 <input type="radio"/> POOR</p>

SECTION 3: FIELD ROSTER የጥሰ ስርዓት

SECTION 3: FIELD ROSTER የጥሰ ስርዓት

Roster: PARCEL ROSTER

generated by list question s2q01

Parcelroster2

E !s2q13.InList(1,2,3) && s2q01c !=2

List all fields of the holder under each parcel but do not include rented out or given to other holders

LIST

s3q01

E !s2q13.InList(1,2,3) && s2q01c !=2

SECTION 3: FIELD ROSTER የጥሰ ስርዓት / PARCEL ROSTER

Roster: FIELD ROSTER

generated by list question s3q01

Fieldroster

E !s2q13.InList(1,2,3) && s2q01c !=2

2a.What is the area of %rosteritle%?

NUMERIC: DECIMAL

s3q02a

I Ask the holder

2b.What is the unit of measurement%rosteritle%<

SINGLE-SELECT

s3q02b

- 01 ☐ HECTARE
- 02 ☐ SQUARE METERS
- 03 ☐ TIMAD
- 04 ☐ BOY
- 05 ☐ SENGGA
- 06 ☐ KERT
- 07 ☐ TILM
- 08 ☐ Medeb
- 09 ☐ Rope (Gemed)
- 10 ☐ Ermija
- 11 ☐ Other(Specify)

Other specify

TEXT

s3q2b_other

E s3q02b==11

3.During this season, what is the status of this%rosteritle%?

SINGLE-SELECT

s3q03

- 01 ☐ CULTIVATED
- 02 ☐ PASTURE
- 03 ☐ FALLOW
- 04 ☐ FOREST
- 05 ☐ LAND PREPARED FOR BELG SEASON
- 06 ☐ Home/Homestead
- 07 ☐ OTHER SPECIFY

Other specify E s3q03==7	TEXT s3q03_other
3B.What type of crop was planeted on %rosteritle%? E s3q03==1	SINGLE-SELECT s3q03b 01 <input type="radio"/> Temporary crop 02 <input type="radio"/> Permanent crop 03 <input type="radio"/> Temporary and permanent crop
4.What was the method of cropping in this%rosteritle%? E s3q03==1	SINGLE-SELECT s3q04 01 <input type="radio"/> PURESTAND 02 <input type="radio"/> MIXED CROP
5.Was the%rosteritle%left fallow anytime during the past 5 years? E s3q03==1 && s3q03b==1	SINGLE-SELECT s3q05 01 <input type="radio"/> YES 02 <input type="radio"/> NO
6.In which year the%rosteritle% was left fallowed the recent year? I YEAR (E. C) E s3q03==1 && s3q05==1 V1 self.InRange(2008,2013) M1 Year must be between 2008 to 2013	NUMERIC: INTEGER s3q06 -----
7.The%rosteritle%was measured in?	SINGLE-SELECT s3q07 01 <input type="radio"/> Using handheld GPS 02 <input type="radio"/> Using Mesurer (Andriod App) 03 <input type="radio"/> Not measured
8.%rosteritle%AREA IN SQUARE METERS E s3q07==1 s3q07==2	NUMERIC: DECIMAL s3q08 -----
9.GPS Coordinates Center of the%rosteritle% E s3q07==1 s3q07==2	GPS s3q09 ----- N ----- W ----- A
10.WHAT IS THE%rosteritle%VIEW? E s3q07==1 s3q07==2	SINGLE-SELECT s3q10 01 <input type="radio"/> OPEN 02 <input type="radio"/> TREE/PERMANENT CROPS 03 <input type="radio"/> HOME/COMPOUND 04 <input type="radio"/> PARTIALLY Covered 05 <input type="radio"/> OTHER (SPECIFY)
Other specify E s3q10==5	TEXT s3q10_other

<p>11. Why was %rosteritle% not measured?</p> <p>E s3q07==3</p>	<p>SINGLE-SELECT s3q11</p> <p>01 <input type="radio"/> IMPOSSIBLE TO READ MEASURER/GPS DUE TO THE FIELD LOCATION</p> <p>03 <input type="radio"/> OTHER (SPECIFY)</p>
<p>Other specify</p> <p>E s3q11==3</p>	<p>TEXT s3q11_other</p> <p>.....</p>
<p>12. ENUMERATOR: WHAT IS APPEARANCE OF THIS %rosteritle%?</p>	<p>SINGLE-SELECT s3q12</p> <p>01 <input type="radio"/> FLAT</p> <p>02 <input type="radio"/> SLOPPY- (MODERATE)</p> <p>03 <input type="radio"/> SLOPPY- (STEEP)</p>
<p>13. Who in the household makes primary decisions concerning crops to be planted, input use, and the timing of cropping activities on this %rosteritle%? HH ROSTER ID CODE #1</p> <p>I RECORD HH MEMBER ID FROM HOUSEHOLD ROSTER. REMINDER: Q1 3 -32 ARE ONLY APPLICABLE TO FIELDS COVERED WITH CROP.</p> <p>E s3q03==1</p>	<p>SINGLE-SELECT: LINKED s3q13</p> <p>SOURCE OF CATEGORIES: TEXT LIST QUESTION S1Q01</p>
<p>14. Are there other household members that the primary decision maker consults regarding crop choice, input use, and timing of cropping activities on this %rosteritle%?</p> <p>E s3q03==1</p>	<p>SINGLE-SELECT s3q14</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>15. Who are the other household members consulted by the primary decision maker on the %rosteritle%? HH ROSTER ID CODE #1</p> <p>I ከሌላቸው ዝርዝር መዝገብ ሕንጻ ሁለት የሌላቸው አባላት መላክ ይቻላል</p> <p>E s3q03==1 && s3q14==1</p>	<p>MULTI-SELECT: LINKED s3q15</p> <p>SOURCE OF CATEGORIES: TEXT LIST QUESTION S1Q01</p>
<p>16. Is %rosteritle% under Extension Program during the current agricultural season?</p> <p>E s3q03==1</p>	<p>SINGLE-SELECT s3q16</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>17. Is %rosteritle% irrigated during the current agricultural season?</p> <p>E s3q03==1</p>	<p>SINGLE-SELECT s3q17</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>18. What is the arrangement of the irrigation you use %rosteritle% in this agriculture season?</p> <p>E s3q03==1&&s3q17==1</p>	<p>SINGLE-SELECT s3q18</p> <p>01 <input type="radio"/> Using irrigation only</p> <p>02 <input type="radio"/> Using irrigation as a supplement to rain water</p>

<p>19.What is the source of water used for irrigation on%rosteritle%?</p> <p>E s3q03==1&&s3q17==1</p>	<p>SINGLE-SELECT s3q19</p> <p>01 <input type="radio"/> RIVER</p> <p>02 <input type="radio"/> LAKE</p> <p>03 <input type="radio"/> POND</p> <p>04 <input type="radio"/> HARVESTED WATER</p> <p>05 <input type="radio"/> Under-ground water</p> <p>06 <input type="radio"/> Dam</p> <p>07 <input type="radio"/> OTHER(SPECIFY)</p>
<p>Other specify</p> <p>E s3q19==7</p>	<p>TEXT s3q19_other</p> <p>.....</p>
<p>20.What is the method of irrigation used on%rosteritle%?</p> <p>E s3q03==1&&s3q17==1</p>	<p>SINGLE-SELECT s3q20</p> <p>01 <input type="radio"/> RIVER DIVERSION</p> <p>02 <input type="radio"/> PRESSURE TREADLE PUMP</p> <p>03 <input type="radio"/> MOTORIZED PUMP</p> <p>04 <input type="radio"/> HAND PULL</p> <p>05 <input type="radio"/> OTHER (SPECIFY)</p>
<p>Other specify</p> <p>E s3q20==5</p>	<p>TEXT s3q20_other</p> <p>.....</p>
<p>21.Do you use any UREA on%rosteritle%in this agricultural season?</p> <p>E s3q03==1</p>	<p>SINGLE-SELECT s3q21</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>21a.What is the quantity of UREA used on%rosteritle%in this agricultural season?</p> <p>I QUANTITY IN KG</p> <p>E s3q03==1&&s3q21==1</p> <p>V1 \$nonZero</p> <p>M1 Value Must be greater than zero</p>	<p>NUMERIC: INTEGER s3q21a</p> <p>-----</p>
<p>21b.Did you purchase any of the UREA used %rosteritle%?(Cash or credit purchases)</p> <p>E s3q03==1&&s3q21==1</p>	<p>SINGLE-SELECT s3q21b</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>21c.How much of the UREA was purchased on cash or purchased on credit during this agricultural season for %rosteritle%?</p> <p>I RECORD TOTAL QUANTITY IN KG, REGARDLESS OF SOURCE.</p> <p>E s3q03==1&&s3q21==1&&s3q21b==1</p> <p>V1 \$nonZero</p> <p>M1 Value must be greater than zero</p> <p>V2 self <= s3q21a</p> <p>M2 TOTAL PURCHASED IS HIGHER THAN TOTAL USED</p>	<p>NUMERIC: INTEGER s3q21c</p> <p>-----</p>

<p>21d.What was the value of all of the UREA that you have used on during this agricultural season for%rosteritle%?</p> <p>I Amount in Birr IF THE UREA USED IS NOT PURCHASED PLEASE ESTIMATE THE MARKET VALUE OF THE FERTILIZER USED ON THIS FILED</p> <p>E s3q03==1&&s3q21==1&&s3q21b==1</p>	<p>NUMERIC: INTEGER s3q21d</p> <p>-----</p>
<p>21e.Where was the UREA used on%rosteritle%in this agricultural season acquired?NETWORK ROSTER CODE ID #1</p> <p>I LIST UP TO 2 responses.</p> <p>F @optioncode !=12</p> <p>E s3q03==1&&s3q21==1</p>	<p>MULTI-SELECT s3q21e</p> <p>01 <input type="checkbox"/> AGRICULTURAL COOPERATIVE/union/association</p> <p>03 <input type="checkbox"/> GOVERNMENT AGENCY</p> <p>04 <input type="checkbox"/> SAVINGS & CREDIT COOPERATIVE</p> <p>05 <input type="checkbox"/> LOCAL MARKET</p> <p>06 <input type="checkbox"/> MAIN MARKET</p> <p>07 <input type="checkbox"/> RELATIVE</p> <p>08 <input type="checkbox"/> FRIEND/NEIGHBOR</p> <p>09 <input type="checkbox"/> PRIVATE MICROFINANCE INSTITUTE</p> <p>10 <input type="checkbox"/> NGO</p> <p>11 <input type="checkbox"/> ROADSIDE</p> <p>12 <input type="checkbox"/> From Own source</p> <p>99 <input type="checkbox"/> OTHER (SPECIFY)</p>
<p>Other specify</p> <p>E s3q21e.Contains(99)</p>	<p>TEXT s3q21e_other</p> <p>-----</p>
<p>22.Do you use any DAP on%rosteritle%in this agricultural season?</p> <p>E s3q03==1</p>	<p>SINGLE-SELECT s3q22</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>22a.What is the quantity of DAP used on%rosteritle%in this agricultural season?</p> <p>I QUANTITY IN KG</p> <p>E s3q03==1&&s3q22==1</p> <p>V1 \$nonZero</p> <p>M1 ዕጥን በኬሪ በላይ ይሆን አለበት</p>	<p>NUMERIC: INTEGER s3q22a</p> <p>-----</p>
<p>22b.Did you purchase any of the DAP used on%rosteritle%?(Cash or credit purchases)</p> <p>E s3q03==1&&s3q22==1</p>	<p>SINGLE-SELECT s3q22b</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>22c.How much of the DAP was purchased on cash or purchased on credit during this agricultural season on%rosteritle%?</p> <p>I RECORD TOTAL QUANTITY, REGARDLESS OF SOURCE.</p> <p>E s3q03==1&&s3q22==1&&s3q22b==1</p> <p>V1 \$nonZero</p> <p>M1 ዕጥን በኬሪ በላይ ይሆን አለበት</p> <p>V2 self<= s3q22a</p> <p>M2 TOTAL PURCHASED IS HIGHER THAN TOTAL USED</p>	<p>NUMERIC: INTEGER s3q22c</p> <p>-----</p>

<p>22d.What was the value of all of the DAP that you have used on during this agricultural season for%rosteritle%?</p> <p>[IF THE DAP USED IS NOT PURCHASED PLEASE ESTIMATE THE MARKET VALUE OF THE FERTILIZER USED ON THIS FILED]</p> <p>I Amount in Birr E s3q03==1&&s3q22==1&&s3q22b==1</p>	<p>NUMERIC: INTEGER s3q22d</p> <p>-----</p>
<p>22e.Where was the DAP used on%rosteritle%in this agricultural season acquired?</p> <p>I አካላዊ ሁለት የአገልግሎት ማቅረቢያ ስር ላይ ይገኛል F @optioncode !=12 E s3q03==1&&s3q22==1</p>	<p>MULTI-SELECT s3q22e</p> <p>01 <input type="checkbox"/> AGRICULTURAL COOPERATIVE/union/association</p> <p>03 <input type="checkbox"/> GOVERNMENT AGENCY</p> <p>04 <input type="checkbox"/> SAVINGS & CREDIT COOPERATIVE</p> <p>05 <input type="checkbox"/> LOCAL MARKET</p> <p>06 <input type="checkbox"/> MAIN MARKET</p> <p>07 <input type="checkbox"/> RELATIVE</p> <p>08 <input type="checkbox"/> FRIEND/NEIGHBOR</p> <p>09 <input type="checkbox"/> PRIVATE MICROFINANCE INSTITUTE</p> <p>10 <input type="checkbox"/> NGO</p> <p>11 <input type="checkbox"/> ROADSIDE</p> <p>12 <input type="checkbox"/> From Own source</p> <p>99 <input type="checkbox"/> OTHER (SPECIFY)</p>
<p>Other specify</p> <p>E s3q22e.Contains(99)</p>	<p>TEXT s3q22e_other</p> <p>-----</p>
<p>23.Do you use any NPS on%rosteritle%in this agricultural season?</p> <p>E s3q03==1</p>	<p>SINGLE-SELECT s3q23</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>23a.What is the quantity of NPS used on%rosteritle%in this agricultural season?</p> <p>I QUANTITY IN KG E s3q03==1&&s3q23==1 V1 \$nonZero M1 Value must be greater than zero</p>	<p>NUMERIC: INTEGER s3q23a</p> <p>-----</p>
<p>23b.Did you purchase any of the NPS used on%rosteritle%?(Cash or credit purchases)</p> <p>E s3q03==1&&s3q23==1</p>	<p>SINGLE-SELECT s3q23b</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>23c.How much of the NPS was purchased on cash or purchased on credit during this agricultural season on%rosteritle%?</p> <p>I RECORD TOTAL QUANTITY, REGARDLESS OF SOURCE. E s3q03==1&&s3q23==1&&s3q23b==1 V1 \$nonZero M1 Value must be greater than zero V2 self <= s3q23a M2 TOTAL PURCHASED IS HIGHER THAN TOTAL USED</p>	<p>NUMERIC: INTEGER s3q23c</p> <p>-----</p>

<p>23d.What was the value of all of the NPS that you have used on during this agricultural season for%rosteritle%?</p> <p>[IF THE UREA NPS IS NOT PURCHASED PLEASE ESTIMATE THE MARKET VALUE OF THE FERTILIZER USED ON THIS FILED]</p> <p>I Amount in Birr. E s3q03==1&&s3q23==1&&s3q23b==1</p>	<p>NUMERIC: INTEGER s3q23d</p> <p>-----</p>
<p>23e.Where was the NPS used on%rosteritle%in this agricultural season acquired?NETWORK ROSTER CODE ID #1</p> <p>I አካላዊ ሆኖ ለጥሬ ሲሙንት ሲገኝ ፡፡ F @optioncode !=12 E s3q03==1&&s3q23==1</p>	<p>MULTI-SELECT s3q23e</p> <p>01 <input type="checkbox"/> AGRICULTURAL COOPERATIVE/union/association</p> <p>03 <input type="checkbox"/> GOVERNMENT AGENCY</p> <p>04 <input type="checkbox"/> SAVINGS & CREDIT COOPERATIVE</p> <p>05 <input type="checkbox"/> LOCAL MARKET</p> <p>06 <input type="checkbox"/> MAIN MARKET</p> <p>07 <input type="checkbox"/> RELATIVE</p> <p>08 <input type="checkbox"/> FRIEND/NEIGHBOR</p> <p>09 <input type="checkbox"/> PRIVATE MICROFINANCE INSTITUTE</p> <p>10 <input type="checkbox"/> NGO</p> <p>11 <input type="checkbox"/> ROADSIDE</p> <p>12 <input type="checkbox"/> From Own source</p> <p>99 <input type="checkbox"/> OTHER (SPECIFY)</p>
<p>Other specify</p> <p>E s3q23e.Contains(99)</p>	<p>NUMERIC: INTEGER s3q23e_other</p> <p>-----</p>
<p>24.Do you use any other chemical fertilizers(other than UREA,DAP and NPS) on [FIELD] in this agricultural season%rosteritle%?</p> <p>E s3q03==1</p>	<p>SINGLE-SELECT s3q24</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>24a.What is the quantity of other chemical fertilizers used on%rosteritle%in this agricultural season?</p> <p>I QUANTITY IN KG E s3q03==1&&s3q24==1 V1 \$nonZero M1 Value must be greater than zero</p>	<p>NUMERIC: DECIMAL s3q24a</p> <p>-----</p>
<p>24b.Did you purchase any of the other chemical fertilizers used on%rosteritle%?(Cash or credit purchases)</p> <p>E s3q03==1&&s3q24==1</p>	<p>SINGLE-SELECT s3q24b</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>

<p>24c.How much of the other chemical fertilizer was purchased on cash or purchased on credit during this agricultural season on%rosteritle%? RECORD TOTAL QUANTITY, REGARDLESS OF SOURCE.</p> <p>I QUANTITY IN KG E s3q03==1&&s3q24==1&&s3q24b==1 V1 \$nonZero M1 Value must be greater than zero V2 self <= s3q24a M2 TOTAL PURCHASED IS HIGHER THAN TOTAL USED</p>	<p>NUMERIC: DECIMAL s3q24c</p> <p>-----</p>
<p>24d.What was the value of all of the other chemical fertilizer that you have used on during this agricultural season for%rosteritle%?</p> <p>[IF THE MIXED FERTILIZER USED IS NOT PURCHASED PLEASE ESTIMATE THE MARKET VALUE OF THE FERTILIZER USED ON THIS FILED]</p> <p>I Amount in Birr E s3q03==1&&s3q24==1&&s3q24b==1 V1 \$nonZero M1 Value must be greater than zero</p>	<p>NUMERIC: INTEGER s3q24d</p> <p>-----</p>
<p>24e.Where was the other inorganic fertilizer used on%rosteritle%in this agricultural season acquired?NETWORK ROSTER CODE ID #1</p> <p>I LIST UP TO 2 NETWORK ROSTER IDs. F @optioncode !=12 E s3q03==1&&s3q24==1</p>	<p>MULTI-SELECT s3q24e</p> <p>01 <input type="checkbox"/> AGRICULTURAL COOPERATIVE/union/association 03 <input type="checkbox"/> GOVERNMENT AGENCY 04 <input type="checkbox"/> SAVINGS & CREDIT COOPERATIVE 05 <input type="checkbox"/> LOCAL MARKET 06 <input type="checkbox"/> MAIN MARKET 07 <input type="checkbox"/> RELATIVE 08 <input type="checkbox"/> FRIEND/NEIGHBOR 09 <input type="checkbox"/> PRIVATE MICROFINANCE INSTITUTE 10 <input type="checkbox"/> NGO 11 <input type="checkbox"/> ROADSIDE 12 <input type="checkbox"/> From Own source 99 <input type="checkbox"/> OTHER (SPECIFY)</p>
<p>Other specify</p> <p>E s3q24e.Contains(99)</p>	<p>TEXT s3q24e_other</p> <p>-----</p>
<p>25.Do you use any manure on%rosteritle%in this agricultural season?</p> <p>E s3q03==1</p>	<p>SINGLE-SELECT s3q25</p> <p>01 <input type="radio"/> YES 02 <input type="radio"/> NO</p>

<p>25a.Where was the manure used on%rosteritle%in this agricultural season acquired?</p> <p>E s3q03==1&&s3q25==1</p>	<p>SINGLE-SELECT s3q25a</p> <p>01 <input type="radio"/> AGRICULTURAL COOPERATIVE/union/association</p> <p>03 <input type="radio"/> GOVERNMENT AGENCY</p> <p>04 <input type="radio"/> SAVINGS & CREDIT COOPERATIVE</p> <p>05 <input type="radio"/> LOCAL MARKET</p> <p>06 <input type="radio"/> MAIN MARKET</p> <p>07 <input type="radio"/> RELATIVE</p> <p>08 <input type="radio"/> FRIEND/NEIGHBOR</p> <p>09 <input type="radio"/> PRIVATE MICROFINANCE INSTITUTE</p> <p>10 <input type="radio"/> NGO</p> <p>11 <input type="radio"/> ROADSIDE</p> <p>12 <input type="radio"/> From Own source</p> <p>99 <input type="radio"/> OTHER (SPECIFY)</p>
<p>26.Do you use any compost on%rosteritle%in this agricultural season?</p> <p>E s3q03==1</p>	<p>SINGLE-SELECT s3q26</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>26a.Where was the compost used on%rosteritle%in this agricultural season acquired?Own holding</p> <p>E s3q03==1&&s3q26==1</p>	<p>SINGLE-SELECT s3q26a</p> <p>01 <input type="radio"/> AGRICULTURAL COOPERATIVE/union/association</p> <p>03 <input type="radio"/> GOVERNMENT AGENCY</p> <p>04 <input type="radio"/> SAVINGS & CREDIT COOPERATIVE</p> <p>05 <input type="radio"/> LOCAL MARKET</p> <p>06 <input type="radio"/> MAIN MARKET</p> <p>07 <input type="radio"/> RELATIVE</p> <p>08 <input type="radio"/> FRIEND/NEIGHBOR</p> <p>09 <input type="radio"/> PRIVATE MICROFINANCE INSTITUTE</p> <p>10 <input type="radio"/> NGO</p> <p>11 <input type="radio"/> ROADSIDE</p> <p>12 <input type="radio"/> From Own source</p> <p>99 <input type="radio"/> OTHER (SPECIFY)</p>
<p>27.Do you use any other organic fertilizer on%rosteritle%?</p> <p>E s3q03==1</p>	<p>SINGLE-SELECT s3q27</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>

<p>27a.Where was this other organic fertilizer used on%rosteritle%in this agricultural season acquired?Own holding</p> <p>E s3q03==1&&s3q27==1</p>	<p>SINGLE-SELECT s3q27a</p> <p>01 <input type="radio"/> AGRICULTURAL COOPERATIVE/union/association</p> <p>03 <input type="radio"/> GOVERNMENT AGENCY</p> <p>04 <input type="radio"/> SAVINGS & CREDIT COOPERATIVE</p> <p>05 <input type="radio"/> LOCAL MARKET</p> <p>06 <input type="radio"/> MAIN MARKET</p> <p>07 <input type="radio"/> RELATIVE</p> <p>08 <input type="radio"/> FRIEND/NEIGHBOR</p> <p>09 <input type="radio"/> PRIVATE MICROFINANCE INSTITUTE</p> <p>10 <input type="radio"/> NGO</p> <p>11 <input type="radio"/> ROADSIDE</p> <p>12 <input type="radio"/> From Own source</p> <p>99 <input type="radio"/> OTHER (SPECIFY)</p>
<p>28.For the current season,how many household member worked on this%rosteritle% for activities such as land preparation, planting, ridging, weeding and fertilizing?</p> <p>E s3q03==1</p> <p>V1 self <= saq12</p> <p>M1 Number of Household members who have worked in the parcel must be equal or less than total household size</p>	<p>NUMERIC: INTEGER s3q28</p> <p>-----</p>
<p>STATIC TEXT</p> <p>E s3q28>0</p> <p>29.For the current season, please list for me the household members that worked on this %rosteritle% for activities such as land preparation, planting, ridging, weeding and fertilizing.</p>	
<p>29a.HH Member # 1 working on%rosteritle%(HH Roster ID Code # 1)</p> <p>E s3q03==1 && s3q28>0</p>	<p>SINGLE-SELECT: LINKED s3q29a SOURCE OF CATEGORIES: TEXT LIST QUESTION S1Q01</p>
<p>29b.HH Member #1 working on%rosteritle%(Weeks)?</p> <p>E s3q03==1 && s3q28>0</p> <p>V1 \$ppweek</p> <p>M1 Number of weeks for post planting can not exceed 30 weeks</p>	<p>NUMERIC: INTEGER s3q29b</p> <p>-----</p>
<p>29c.HH Member #1 working on%rosteritle%(Days/Week)</p> <p>E s3q03==1 && s3q28>0</p> <p>V1 \$daysInWeek</p> <p>M1 Number of days in a week must be between 1 to 7</p>	<p>NUMERIC: INTEGER s3q29c</p> <p>-----</p>
<p>29d.HH Member #1 working on%rosteritle%(Hour/Day)</p> <p>E s3q03==1 && s3q28>0</p> <p>V1 \$hourInDay</p> <p>M1 Number of average working hours per day must be between 1 to 12 hours</p>	<p>NUMERIC: INTEGER s3q29d</p> <p>-----</p>

<p>29e.HH Member #2 working on%rosteritle%(HH Roster ID Code # 2)</p> <p>E s3q03==1 && s3q28>1</p> <p>V1 s3q29e!=s3q29a</p> <p>M1 %s3q29e% is already HH memebr #1</p>	<p>SINGLE-SELECT: LINKED SOURCE OF CATEGORIES: TEXT LIST QUESTION S1Q01</p> <p>s3q29e</p>
<p>29f.HH Member #2 working on%rosteritle%(Weeks)</p> <p>E s3q03==1 && s3q28>1</p> <p>V1 \$ppweek</p> <p>M1 Number of weeks for post planting can not exceed 30 weeks</p>	<p>NUMERIC: INTEGER</p> <p>s3q29f</p> <p>-----</p>
<p>29g.HH Member #2 working on%rosteritle%(Days/Week)</p> <p>E s3q03==1 && s3q28>1</p> <p>V1 \$daysInWeek</p> <p>M1 Number of days in a week must be between 1 to 7</p>	<p>NUMERIC: INTEGER</p> <p>s3q29g</p> <p>-----</p>
<p>29h.HH Member #2 working on%rosteritle%(Hour/Day)</p> <p>E s3q03==1 && s3q28>1</p> <p>V1 \$hourInDay</p> <p>M1 Number of average working hours per day must be between 1 to 12 hours</p>	<p>NUMERIC: INTEGER</p> <p>s3q29h</p> <p>-----</p>
<p>29i.HH Member #3 working on%rosteritle%(HH Roster ID Code # 3)</p> <p>E s3q03==1 && s3q28>2</p>	<p>SINGLE-SELECT: LINKED SOURCE OF CATEGORIES: TEXT LIST QUESTION S1Q01</p> <p>s3q29i</p>
<p>29j.HH Member #3 working on%rosteritle%(Weeks)</p> <p>E s3q03==1 && s3q28>2</p> <p>V1 \$ppweek</p> <p>M1 Number of weeks for post planting can not exceed 30 weeks</p>	<p>NUMERIC: INTEGER</p> <p>s3q29j</p> <p>-----</p>
<p>29k.HH Member #3 working on%rosteritle%(Days/Week)</p> <p>E s3q03==1 && s3q28>2</p> <p>V1 \$daysInWeek</p> <p>M1 Number of days in a week must be between 1 to 7</p>	<p>NUMERIC: INTEGER</p> <p>s3q29k</p> <p>-----</p>
<p>29l.HH Member #3 working on%rosteritle%(Hour/Day)</p> <p>E s3q03==1 && s3q28>2</p> <p>V1 \$hourInDay</p> <p>M1 Number of average working hours per day must be between 1 to 12 hours</p>	<p>NUMERIC: INTEGER</p> <p>s3q29l</p> <p>-----</p>
<p>29m.HH Member #4 working on%rosteritle%(HH Roster ID Code # 4)</p> <p>E s3q03==1 && s3q28>3</p>	<p>SINGLE-SELECT: LINKED SOURCE OF CATEGORIES: TEXT LIST QUESTION S1Q01</p> <p>s3q29m</p>
<p>29n.HH Member #4 working on%rosteritle%(Weeks)</p> <p>E s3q03==1 && s3q28>3</p> <p>V1 \$ppweek</p> <p>M1 Number of weeks for post planting can not exceed 30 weeks</p>	<p>NUMERIC: INTEGER</p> <p>s3q29n</p> <p>-----</p>

<div>29o.HH Member #4 working on%roster%title%(Days/Week)</div> <div>E s3q03==1 && s3q28>3</div> <div>V1 \$ppweek</div> <div>M1 Number of weeks for post planting can not exceed 30 weeks</div> <div>V2 \$daysInWeek</div> <div>M2 Number of days in a week must be between 1 to 7</div>	<div>NUMERIC: INTEGERs3q29o</div> <div></div>
<div>29p.HH Member #4 working on%roster%title%(Hour/Day)</div> <div>E s3q03==1 && s3q28>3</div> <div>V1 \$hourInDay</div> <div>M1 Number of average working hours per day must be between 1 to 12 hours</div>	<div>NUMERIC: INTEGERs3q29p</div> <div></div>
<div>STATIC TEXT</div> <div>E s3q03==1</div> <div>30.For the current season, how many days did your household hire men, women and children for activities such as land preparation, planting, ridging, weeding and fertilizing, on this [FIELD]? DO NOT INCLUDE ANY HARVEST/THRESHING ACTIVITIES IF NONE HIRED: RECORD 0 FOR NUMBER OF MEN/WOMEN/CHILDREN(AND LEAVE DAYS AND WAGE BLAN) IF PAYMENT IN KIND, ESTIMATE VALUE IN BIRR</div>	
<div>30a.Hired Men on%roster%title%(Number of Men)</div> <div>E s3q03==1</div>	<div>NUMERIC: INTEGERs3q30a</div> <div></div>
<div>30b.Hired Men%roster%title%(Number of Days)</div> <div>E s3q03==1 && s3q30a !=0</div>	<div>NUMERIC: INTEGERs3q30b</div> <div></div>
<div>30c.Hired Men%roster%title%(Average Daily Wage BIRR per MEN)</div> <div>E s3q03==1 && s3q30a !=0</div> <div>V1 se1f < 700</div> <div>M1 daily wage for one person can not be more than 500 Birr</div>	<div>NUMERIC: INTEGERs3q30c</div> <div></div>
<div>30c2.How much in total have you paid for all hired Men laborers worked in %roster%title%(Total amount paid for all hired men worked in this field)</div> <div>E s3q03==1 && s3q30a !=0</div>	<div>NUMERIC: INTEGERs3q30c2</div> <div></div>
<div>30d.Hired Women%roster%title%(Number of Women)</div> <div>E s3q03==1</div>	<div>NUMERIC: INTEGERs3q30d</div> <div></div>
<div>30e.Hired Women%roster%title%(Number of Days)</div> <div>E s3q03==1 && s3q30d !=0</div>	<div>NUMERIC: INTEGERs3q30e</div> <div></div>
<div>30f.Hired Women%roster%title%(Average Daily Wage BIRR per WOMEN)</div> <div>E s3q03==1 && s3q30d !=0</div> <div>V1 se1f < 700</div> <div>M1 Daily wage for one person can not be more than 500 Birr</div>	<div>NUMERIC: INTEGERs3q30f</div> <div></div>

30f2.How much in total have you paid for all hired Women laborers worked in %rosteritle% (Total amount paid for all hired Women worked in this field) E s3q03==1 && s3q30d !=0	NUMERIC: INTEGER s3q30f2 -----
30g.Hired Children %rosteritle% (Number of Children) E s3q03==1	NUMERIC: INTEGER s3q30g -----
30h.Hired Children %rosteritle% (Number of Days) E s3q03==1 && s3q30g !=0	NUMERIC: INTEGER s3q30h -----
30i.Hired Children %rosteritle% (Average Daily Wage BIRR) E s3q03==1 && s3q30g !=0 v1 self <700 M1 Daily wage for one person can not be more than 500 Birr	NUMERIC: INTEGER s3q30i -----
30i2.30c2.How much in total have you paid for all hired Children laborers worked in %rosteritle% (Total amount paid for all hired Children worked in this field) E s3q03==1 && s3q30g !=0	NUMERIC: INTEGER s3q30i2 -----
STATIC TEXT E s3q03==1 31.For the current season, how many days did men, women or children (less than 15 years) from other households work on this %rosteritle% for activities such as land preparation, planting, ridging, weeding and fertilizing, free of charge, as exchange labourers or to assist for nothing in return? IF NONE: RECORD ZERO FOR NUMBER OF MEN/WOMEN/CHILDREN (AND LEAVE DAYS BLANK)	
31a.Other HH Labour %rosteritle% (Number of Men) E s3q03==1	NUMERIC: INTEGER s3q31a -----
31b.Other HH Labour %rosteritle% (Men Number of Days) E s3q03==1 && s3q31a >0	NUMERIC: INTEGER s3q31b -----
31c.Other HH Labour %rosteritle% (Number of Women) E s3q03==1	NUMERIC: INTEGER s3q31c -----
31d.Other HH Labour %rosteritle% (Women Number of Days) E s3q03==1 && s3q31c >0	NUMERIC: INTEGER s3q31d -----
31e.Other HH Labour %rosteritle% (Number of Children) E s3q03==1	NUMERIC: INTEGER s3q31e -----

<p>31f.Other HH Labour%rosteritle%(Children Number of Days)</p> <p>E s3q03==1 && s3q31e >0</p> <p>V1 s3q31e==0 && s3q31c==0 && s3q31a==0 && s3q30a==0 && s3q30d==0 && s3q30g==0 && s3q28==0</p> <p>M1 Warning: No one has worked in this plot during this season</p>	<p>NUMERIC: INTEGER s3q31f</p> <p>-----</p>
<p>31a2. How much have you paid for food, drinks and other related costs for shared laborers/ free labor particpnats who have participating in this %rosteritle% for activities such as land preparation, planting, ridging, weeding and fertilizing?</p> <p>I IF NONE RECORD ZERO</p> <p>E s3q03==1 && (s3q31a>0 s3q31c>0 s3q31e>0)</p>	<p>NUMERIC: INTEGER s3q31a2</p> <p>-----</p>
<p>31b2. How many oxen or other animals have you used for farm activities (EXCLUDING TRANSPORT) on %rosteritle% for this agricultural season?</p> <p>I IF NONE RECORD ZERO</p> <p>E s3q03==1</p>	<p>NUMERIC: INTEGER s3q31b2</p> <p>-----</p>
<p>31c2 How much have you paid for those animals used for farming purpose of %rosteritle%?</p> <p>I If own animal used, please put the amount that would have to pay</p> <p>E s3q31b2 >=1 && s3q03==1</p> <p>V1 \$nonZero</p> <p>M1 VALUE MUST BE GREATER THAN ZERO</p>	<p>NUMERIC: INTEGER s3q31c2</p> <p>-----</p>
<p>31d2. How much have you paid for machinery used for farming purpose of %rosteritle%?</p> <p>I If own machinery used, please put the amount that would have to pay. IF NONE RECORD ZERO</p> <p>E s3q03==1</p>	<p>NUMERIC: INTEGER s3q31d2</p> <p>-----</p>
<p>31e2. How much have you paid for transport used for trasporting purposes?</p> <p>I If own transport method used please put the amount that would have to pay. IF NONE RECORD ZERO</p> <p>E s3q03==1</p>	<p>NUMERIC: INTEGER s3q31e2</p> <p>-----</p>
<p>32.How often is temporary crop field used on%rosteritle%in Meher season?</p> <p>E s3q03==1 && (s3q03b==1 s3q03b==3)</p>	<p>SINGLE-SELECT s3q32</p> <p>01 <input type="radio"/> Once</p> <p>02 <input type="radio"/> Twice</p> <p>03 <input type="radio"/> Not applicable(Permanent crop)</p>

<p>33b.What is the crop code other than the crop planted in this field %rosteritle%?</p> <p>E s3q03==1&&s3q32==2</p>	<p>MULTI-SELECT s3q33b</p> <p>001 <input type="checkbox"/> 1.BARLEY</p> <p>002 <input type="checkbox"/> 2.MAIZE</p> <p>003 <input type="checkbox"/> 3.MILLET</p> <p>004 <input type="checkbox"/> 4.OATS</p> <p>005 <input type="checkbox"/> 5.RICE</p> <p>006 <input type="checkbox"/> 6.SORGHUM</p> <p>007 <input type="checkbox"/> 7.TEFF</p> <p>008 <input type="checkbox"/> 8.WHEAT</p> <p>009 <input type="checkbox"/> 9.Mung Bean or MASHO</p> <p>010 <input type="checkbox"/> 10.CASSAVA</p> <p>011 <input type="checkbox"/> 11.CHICKPEAS</p> <p>012 <input type="checkbox"/> 12.HARICOTBEANS</p> <p>013 <input type="checkbox"/> 13.HORSE BEANS</p> <p>014 <input type="checkbox"/> 14.LENTILS</p> <p>015 <input type="checkbox"/> 15.FIELDPEAS</p> <p>016 <input type="checkbox"/> 16.VETCH</p> <p>And 82 other symbols [6]</p>
<p>34.During the last three years, have you planted a legume on this %rosteritle%?(This includes horse beans, haricot beans, field peas, chickpeas, and lentils)</p> <p>E s3q03==1</p>	<p>SINGLE-SELECT s3q34</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>35.How was%rosteritle%prepared for planting?</p> <p>E s3q03==1 && (s3q03b==1 s3q03b==3)</p>	<p>SINGLE-SELECT s3q35</p> <p>01 <input type="radio"/> USING OWN TRACTOR</p> <p>02 <input type="radio"/> USING RENTED TRACTOR</p> <p>03 <input type="radio"/> USING OWNED LIVESTOCK</p> <p>04 <input type="radio"/> USING RENTED LIVETSOCK</p> <p>05 <input type="radio"/> DIGGING BY HAND</p> <p>06 <input type="radio"/> OTHER (SPECIFY)</p> <p>07 <input type="radio"/> PERMANENT CROP NOT PLANTED IN THIS MEHER SEASON</p> <p>08 <input type="radio"/> USING BORROWED FOR FREE LIVESTOCK</p> <p>09 <input type="radio"/> Pairing own and other households livestock</p>
<p>Other specify</p> <p>E s3q35==6</p>	<p>TEXT s3q35_other</p> <p>.....</p>

<p>36.How many times was %rosteritle%tilled in this agricultural season?</p> <p>E s3q03==1&& (s3q03b==1 s3q03b==3)</p>	<p>SINGLE-SELECT s3q36</p> <p>01 <input type="radio"/> Planted with no tilling</p> <p>02 <input type="radio"/> Once</p> <p>03 <input type="radio"/> Twice</p> <p>04 <input type="radio"/> Three and more times</p> <p>05 <input type="radio"/> Cover with crop but not tilled for this Meher season</p>
<p>37.What was the previous state of%rosteritle%in the previous agricultural season?</p>	<p>SINGLE-SELECT s3q37</p> <p>01 <input type="radio"/> FALLOW</p> <p>02 <input type="radio"/> CROPS</p> <p>03 <input type="radio"/> FOREST/WOODLAND/PASTURE</p> <p>04 <input type="radio"/> RENTED OUT</p> <p>05 <input type="radio"/> OTHER (SPECIFY)</p>
<p>Other specify</p> <p>E s3q37==5</p>	<p>TEXT s3q37_other</p> <p>.....</p>
<p>38.Is%rosteritle%prevented from Erosion?</p> <p>E s3q03 . InRange(1, 5)</p>	<p>SINGLE-SELECT s3q38</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>39.What is the common way of preventing erosion on%rosteritle%?</p> <p>E s3q03 . InRange(1, 5)&&s3q38==1</p>	<p>SINGLE-SELECT s3q39</p> <p>01 <input type="radio"/> Teracing</p> <p>02 <input type="radio"/> Water catchments</p> <p>03 <input type="radio"/> Afforestation</p> <p>04 <input type="radio"/> Plough along the contour</p> <p>05 <input type="radio"/> Moving livestocks in the field</p> <p>06 <input type="radio"/> Not allowing the livestock to be on the plot</p> <p>07 <input type="radio"/> Planting grass</p> <p>08 <input type="radio"/> Other(specify)</p>
<p>Other specify</p> <p>E s3q39==8</p>	<p>TEXT s3q39_other</p> <p>.....</p>
<p>40.During the current agricultural season,do you use any method to maintain or sustain as well as increase soil fertility on the %rosteritle%?</p> <p>E s3q03 . InRange(1, 5)</p>	<p>SINGLE-SELECT s3q40</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>

F s3q40==1

s3q41

- ### STATIC TEXT

```
F s3a03==1 && (s3a03b==1 || s3a03b==3)
```

s3q42

- I 上述过程可以表示为如下伪代码：
- ```
F s3a03==1 && (s3a03b==1 || s3a03b==3)
```

```
Fieldroster.Any(x=> x.s3q21==1 || x.s3q22==1 || x.s3q23==1 || x.s3q24==1)
```

any\_chem

SECTION 4: CROP ROSTER የሰብል ርክተር

E // Enable only for ag households saq15==1 || saq15==3

SECTION 4: CROP ROSTER ጠብራ ርክተር  
Roster: PARCEL ROSTER  
generated by list question s2q01

Parcelroster3

SECTION 4: CROP ROSTER ጠብራ ርክተር / PARCEL ROSTER  
Roster: FIELD ROSTER  
generated by list question s3q01

Fieldroster3

1.What crop(s) is planted on Field in this current agricultural season?

LIST s4q01a

- E s3q03==1  
V1 s3q04==1 ? s4q01a.Length==1 : true  
M1 This Filed is covered only by single crop but you have listed more than one crop:<br> <br> ይህ ውሳኔ ጠብራ አይነት ስብል ስለተሾፈ ጠብራ አይነት ስብል ስላል ይዘግብዋል  
V2 s3q04==2 ? s4q01a.Length>=2 : true  
M2 This field is is a mixed crop field but you have recoded only one crop. s o Please list more than one crop <br> <br> ይህ ውሳኔ ጠብራ ስለሆነ ሁለት ስብል አይነት ይዘግቡ

SECTION 4: CROP ROSTER ጠብራ ርክተር / PARCEL ROSTER / FIELD ROSTER  
Roster: CROP ROSTER የሰብል ርክተር  
generated by list question s4q01a

Croproster

1.Crop code of%rosteritle%

SINGLE-SELECT: COMBO BOX s4q01b

- 001 ☐ 1.BARLEY  
002 ☐ 2.MAIZE  
003 ☐ 3.MILLET  
004 ☐ 4.OATS  
005 ☐ 5.RICE  
006 ☐ 6.SORGHUM  
007 ☐ 7.TEFF  
008 ☐ 8.WHEAT  
009 ☐ 9.Mung Bean or MASHO  
010 ☐ 10.CASSAVA  
011 ☐ 11.CHICKPEAS  
012 ☐ 12.HARICOTBEANS  
013 ☐ 13.HORSE BEANS  
014 ☐ 14.LENTILS  
015 ☐ 15.FIELDPEAS  
016 ☐ 16.VETCH

[And 82 other symbols \[6\]](#)

1c.SEED NAME of%rosteritle%

TEXT s4q01c

E s4q01b.InList(1,2,8,11,62)

|                                                                                                                |                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2.Was the area planted with%rosteritle%on this field pure stand or mixed?                                      | <div>SINGLE-SELECT <span>s4q02</span></div> <div>01 <input type="radio"/> PURE STAND</div> <div>02 <input type="radio"/> MIXED</div>                                                                                     |
| 3.Approximately,how much of the field was planted with%rosteritle%?                                            | <div>NUMERIC: INTEGER <span>s4q03</span></div> <div>-----</div>                                                                                                                                                          |
| <div>E s4q02==2</div> <div>V1 \$Percentages</div> <div>M1 Percentage must be between 0 and 100</div>           |                                                                                                                                                                                                                          |
| 4.Was prevention/ precaution measure taken to prevent damage of%rosteritle%                                    | <div>SINGLE-SELECT <span>s4q04</span></div> <div>01 <input type="radio"/> YES</div> <div>02 <input type="radio"/> NO</div>                                                                                               |
| 5.Did you use any pesticide to prevent damage of%rosteritle%on this Field?                                     | <div>SINGLE-SELECT <span>s4q05</span></div> <div>01 <input type="radio"/> YES</div> <div>02 <input type="radio"/> NO</div>                                                                                               |
| E s4q04==1                                                                                                     |                                                                                                                                                                                                                          |
| 5a.How much pesticide was used on%rosteritle%on this Field?                                                    | <div>NUMERIC: DECIMAL <span>s4q05a</span></div> <div>-----</div>                                                                                                                                                         |
| <div>E s4q04==1&amp;&amp;s4q05==1</div> <div>V1 \$nonZero</div> <div>M1 Amount must be greater than zero</div> |                                                                                                                                                                                                                          |
| 5b.Unit used to measure the pesticide on %rosteritle%                                                          | <div>SINGLE-SELECT <span>s4q05b</span></div> <div>01 <input type="radio"/> Liter</div> <div>02 <input type="radio"/> KG</div> <div>03 <input type="radio"/> Gram</div> <div>04 <input type="radio"/> Other Specify</div> |
| E s4q04==1&&s4q05==1                                                                                           |                                                                                                                                                                                                                          |
| 6.Did you use any herbicide to prevent damage of%rosteritle%on this Field?                                     | <div>SINGLE-SELECT <span>s4q06</span></div> <div>01 <input type="radio"/> YES</div> <div>02 <input type="radio"/> NO</div>                                                                                               |
| E s4q04==1                                                                                                     |                                                                                                                                                                                                                          |
| 6a.How much herbicide was used on%rosteritle%on this Field?                                                    | <div>NUMERIC: DECIMAL <span>s4q06a</span></div> <div>-----</div>                                                                                                                                                         |
| <div>E s4q04==1&amp;&amp;s4q06==1</div> <div>V1 \$nonZero</div> <div>M1 Amount Must be greater than Zero</div> |                                                                                                                                                                                                                          |
| 6b.Unit used to measure the herbicide on %rosteritle%                                                          | <div>SINGLE-SELECT <span>s4q06b</span></div> <div>01 <input type="radio"/> Liter</div> <div>02 <input type="radio"/> KG</div> <div>03 <input type="radio"/> Gram</div> <div>04 <input type="radio"/> Other Specify</div> |
| E s4q04==1&&s4q06==1                                                                                           |                                                                                                                                                                                                                          |
| 7.Did you use any fungicide to prevent damage of%rosteritle%on this Field?                                     | <div>SINGLE-SELECT <span>s4q07</span></div> <div>01 <input type="radio"/> YES</div> <div>02 <input type="radio"/> NO</div>                                                                                               |
| E s4q04==1                                                                                                     |                                                                                                                                                                                                                          |

|                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>7a.How much fungicide was used on%rosteritle%on this Field?</p> <p>E s4q04==1&amp;&amp;s4q07==1</p>                                                                                                    | <p>NUMERIC: DECIMAL s4q07a</p> <p>-----</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <p>7b.Unit used to measure the fungicide on %rosteritle%</p> <p>E s4q04==1&amp;&amp;s4q07==1</p>                                                                                                          | <p>SINGLE-SELECT s4q7b</p> <p>01 <input type="radio"/> Liter</p> <p>02 <input type="radio"/> KG</p> <p>03 <input type="radio"/> Gram</p> <p>04 <input type="radio"/> Other Specify</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <p>8.Was%rosteritle%damaged on this Field?</p>                                                                                                                                                            | <p>SINGLE-SELECT s4q08</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <p>9.What is the cause of the damage of%rosteritle%?</p> <p>E s4q08==1</p>                                                                                                                                | <p>SINGLE-SELECT s4q09</p> <p>01 <input type="radio"/> Too much rain</p> <p>02 <input type="radio"/> Too little rain</p> <p>03 <input type="radio"/> Insects</p> <p>04 <input type="radio"/> Crop disease</p> <p>05 <input type="radio"/> Weeds</p> <p>06 <input type="radio"/> Hail</p> <p>07 <input type="radio"/> Frost</p> <p>08 <input type="radio"/> Floods</p> <p>09 <input type="radio"/> Wild animals</p> <p>10 <input type="radio"/> Locust</p> <p>11 <input type="radio"/> Birds</p> <p>12 <input type="radio"/> Shortage of seeds</p> <p>13 <input type="radio"/> Depletion of soil fertility</p> <p>14 <input type="radio"/> Security problems</p> <p>15 <input type="radio"/> Bad seeds</p> <p>16 <input type="radio"/> Other (Specify)</p> |
| <p>Other specify</p> <p>E s4q09==16</p>                                                                                                                                                                   | <p>TEXT s4q09_other</p> <p>-----</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <p>10.What is the percentage share of damage for%rosteritle%on this Field?</p> <p>E s4q08==1</p> <p>V1 self &gt; 1 &amp;&amp; \$Percentages</p> <p>M1 Percentage of damamge must be between 1 and 100</p> | <p>NUMERIC: INTEGER s4q10</p> <p>-----</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <p>11.What type of Seed was used for%rosteritle%on this Field ?</p>                                                                                                                                       | <p>SINGLE-SELECT s4q11</p> <p>01 <input type="radio"/> TRADITIONAL</p> <p>02 <input type="radio"/> IMPROVED/NEW</p> <p>03 <input type="radio"/> IMPROVED/LEFTOVER</p> <p>04 <input type="radio"/> IMPROVED/RECYCLED</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

|                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>11a.What was the quantity of Seed / Seedling used for %rosteritle% on this Field?Killo</div> <div>I (Appllicable for perennial crops)</div> <div>E s4q01b.InList(1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,23,24,25,26,27,28,31,33,37,39,40,79,73,78,51,53,58,55,60,62,64,95,52,56,57,69,38,59,63,54,70,61,120,123,98,118,117,119,121)</div>                                     | <div>NUMERIC: DECIMALs4q11a</div> <div>-----</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <div>12. What was the amount spent on seed for %rosteritle%on this field ?</div> <div>I IF USED FROM OWN PRODUCTION PLEASE RECORD ESTIMATED VALUE</div> <div>E s4q01b.InList(1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,23,24,25,26,27,28,31,33,37,39,40,79,73,78,51,53,58,55,60,62,64,95,52,56,57,69,38,59,63,54,70,61,120,123,98,118,117,119,121)</div>                              | <div>NUMERIC: INTEGERs4q12</div> <div>-----</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <div>13_a.When did you plant the seeds for the%rosteritle%on this field? (Month)</div> <div>E s4q01b.InList(1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,23,24,25,26,27,28,31,33,37,39,40,79,73,78,51,53,58,55,60,62,64,95,52,56,57,69,38,59,63,54,70,61,120,123,98,118,117,119,121)</div>                                                                                               | <div>SINGLE-SELECTs4q12_a</div> <div>01 <input type="radio"/> SEPTEMBER</div> <div>02 <input type="radio"/> OCTOBER</div> <div>03 <input type="radio"/> NOVEMBER</div> <div>04 <input type="radio"/> DECEMBER</div> <div>05 <input type="radio"/> JANUARY</div> <div>06 <input type="radio"/> FEBRUARY</div> <div>07 <input type="radio"/> MARCH</div> <div>08 <input type="radio"/> APRIL</div> <div>09 <input type="radio"/> MAY</div> <div>10 <input type="radio"/> JUNE</div> <div>11 <input type="radio"/> JULY</div> <div>12 <input type="radio"/> AUGUST</div> <div>13 <input type="radio"/> PAGUME</div> |
| <div>13_b.When did you plant the seeds for the%rosteritle%on this field ? (Year)</div> <div>E s4q01b.InList(1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,23,24,25,26,27,28,31,33,37,39,40,79,73,78,51,53,58,55,60,62,64,95,52,56,57,69,38,59,63,54,70,61,120,123,98,118,117,119,121)</div> <div>V1 self.InList(2013,2014)</div> <div>M1 Year of planting must be between 2013-2014</div> | <div>NUMERIC: INTEGERs4q13_b</div> <div>-----</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <div>14.What type of crop sowing techniques was used on this%rosteritle%?</div> <div>E s4q01b.InList(1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,23,24,25,26,27,28,31,33,37,39,40,79,73,78,51,53,58,55,60,62,64,95,52,56,57,69,38,59,63,54,70,61,120,123,98,118,117,119,121)</div>                                                                                                      | <div>SINGLE-SELECTs4q14</div> <div>01 <input type="radio"/> BROADCAST PLANTING</div> <div>02 <input type="radio"/> RAW PLANTING</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

STATIC TEXT

E s4q01b==11

Chickpea Flower type



|                                                                                                                                                                                                                                |                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>14b. What does the chickpea flowers of %rosteritle% looks like?</p> <p>I ENUMERATOR: ASK ONLY FOR CHICKPEAS: (CROP CODE=11)<br/>E s4q01b==11</p>                                                                            | <p>SINGLE-SELECT <span style="float: right;">s4q14b</span></p> <p>01 <input type="radio"/> PICTURE 1</p> <p>02 <input type="radio"/> PICTURE 2</p>                               |
| <p>14c. Is this wheat planted in %rosteritle% a Durum wheat type/ variety?</p> <p>I ENUMERATOR: ASK ONLY FOR WHEAT: (CROP CODE=08)<br/>E s4q01b==8</p>                                                                         | <p>SINGLE-SELECT <span style="float: right;">s4q14c</span></p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't Know</p> |
| <p>14d. Is this barley planted in %rosteritle% a Malt barely type/ variety?</p> <p>I ENUMERATOR: ASK ONLY FOR BARLEY: (CROP CODE=01)<br/>E s4q01b==1</p>                                                                       | <p>SINGLE-SELECT <span style="float: right;">s4q14d</span></p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't Know</p> |
| <p>15.IS THIS%rosteritle%CROP A Permanent/TREE CROP?</p>                                                                                                                                                                       | <p>SINGLE-SELECT <span style="float: right;">s4q15</span></p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>                                             |
| <p>15b. What is the total number of permanent/tree crop trees in this field %rosteritle%?</p> <p>E s4q15==1 &amp;&amp; !s4q01b.InList(49,71,76)<br/>V1 \$nonZero<br/>M1 Number of permanent tree must be greater than Zero</p> | <p>NUMERIC: INTEGER <span style="float: right;">s4q15b</span></p> <p>-----</p>                                                                                                   |
| <p>16.What is the number of Fruit Bearing%rosteritle%on this field ?</p> <p>E s4q15==1 &amp;&amp; !s4q01b.InList(49,71,76)</p>                                                                                                 | <p>NUMERIC: INTEGER <span style="float: right;">s4q16</span></p> <p>-----</p>                                                                                                    |
| <p>17.What is the percentage area for fruit bearing%rosteritle%on this agricultural season?</p> <p>E s4q15==1<br/>V1 \$Percentages<br/>M1 Percentage must be between 0 and 100</p>                                             | <p>NUMERIC: INTEGER <span style="float: right;">s4q17</span></p> <p>-----</p>                                                                                                    |
| <p>18.In what year were most of these plants/trees%rosteritle%planted on this field?</p> <p>E s4q15==1 &amp;&amp; s4q16 !=0<br/>V1 self.InRange(1900,2014)<br/>M1 YEAR PLANTED MUST BE THIS YEAR OR BEFORE</p>                 | <p>NUMERIC: INTEGER <span style="float: right;">s4q18</span></p> <p>-----</p>                                                                                                    |





23.How much of the expected harvest of%rosteritle%from the rainy season do you intend to sell?

NUMERIC: INTEGER s4q23

-----

I RECORD IN PERCENTAGE  
E s4q22==1  
V1 self > 1 && \$Percentages  
M1 percentage must be between 1 and 100

24.How much BIRR do you expect to receive from sales of %rosteritle% harvested in the rainy season?

NUMERIC: INTEGER s4q24

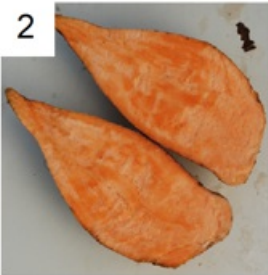
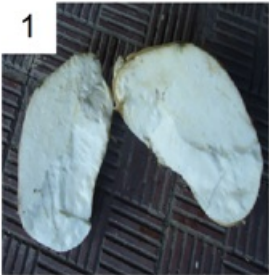
-----

E s4q22==1  
V1 \$nonZero  
M1 Amount must be greater than 0

STATIC TEXT

E s4q01b==62

Sweet Potato flesh color የሰከር ደንቹ የታሰቡ ቀለም



25.What does the%rosteritle%flesh looks like?

SINGLE-SELECT s4q25

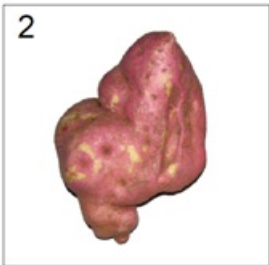
E s4q01b==62

- 01 ☐ Picture 1  
02 ☐ Picture 2

STATIC TEXT

E s4q01b==62

Sweet Potato skin color የሰከር ደንቹ የታሰቡ ቀለም



26.What does the%rosteritle%skin looks like?

SINGLE-SELECT s4q26

E s4q01b==62

- 01 ☐ Picture1  
02 ☐ Picture2

CROP CUT የሰብል አጭ ዳ በጦ ሳ (ቋጦ እና ስራስር ሰበሌችን አይጭ ዎ ረፍ )

E // Enable only for ag households saq15==1 || saq15==3

CROP CUT የሰብል አጭ ዳ በጦ ሳ (ቋጦ እና ስራስር ሰበሌችን አይጭ ዎ ረፍ )

Roster: PARCEL ROSTER

generated by list question [s2q01](#)

ParcelRoster4

CROP CUT የሰብል አጭ ዳ በጦ ሳ (ቋጦ እና ስራስር ሰበሌችን አይጭ ዎ ረፍ ) / PARCEL ROSTER

Roster: FIELD ROSTER

generated by list question [s3q01](#)

Fieldroster4

CROP CUT የሰብል አጭ ዳ በጦ ሳ (ቋጦ እና ስራስር ሰበሌችን አይጭ ዎ ረፍ ) / PARCEL ROSTER / FIELD ROSTER

Roster: CROP ROSTER

generated by list question [s4q01a](#)

Croproster2

E s4q01b.InRange(1,9) || s4q01b.InRange(11,19) || s4q01b.InRange(23,28) || s4q01b.InList(130,36)

|                                                                                                                                                                                                                                                                                             |                                                                              |         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|---------|
| 1.Is%rosteritle%selected for crop cut?                                                                                                                                                                                                                                                      | SINGLE-SELECT<br>01 <input type="radio"/> YES<br>02 <input type="radio"/> NO | sccq01  |
| 1b.Is this maize crop selected for crop cut because the holder is Wave 4 DNA crop cut holder and not selected for crop cut?<br><br>E sccq01==2 && s4q01b==2 && saq22==1<br>V1 self == saq22<br>M1 Holder is Wave 4 DNA crop cut holder                                                      | SINGLE-SELECT<br>01 <input type="radio"/> YES<br>02 <input type="radio"/> NO | sccq01b |
| 2.Date when the%rosteritle% was cut.<br><br>E sccq01==1    sccq01b==1                                                                                                                                                                                                                       | DATE<br><br>.....                                                            | sccq02  |
| 3.Fresh weight of %rosteritle%(In Kilogram)<br><br>E sccq01==1    sccq01b==1<br>V1 \$zeroOrMore<br>M1 Amount must be zero or greater Please correct                                                                                                                                         | NUMERIC: DECIMAL<br><br>-----                                                | sccq03  |
| 4.Dry weight of %rosteritle%(In kilogram)<br><br>E sccq01==1    sccq01b==1<br>V1 sccq04 <= sccq03<br>M1 DRY WEIGHT SHOULD BE LESS THAN FRESH WEIGHT!<br>V2 \$zeroOrMore<br>M2 Amount must be zero or greater Please correct                                                                 | NUMERIC: DECIMAL<br><br>-----                                                | sccq04  |
| 5.Crop cut sample bar code<br><br>I ENUMERATOR: WEIGHT 250 GR Of THE CROP CUT AND PUT IT IN THE SAMPLE BAG. THEN SCAN THE BARCODE<br>E (sccq01==1    sccq01b==1) && s4q01b==2 && saq23==1<br>W1 sccq05.Length==5<br>M1 INCORRECT BARCODE. BARCODE SCAN SHOULD CORRESPOND TO B ARCODE NUMBER | BARCODE                                                                      | sccq05  |

## SECTION 5: SEEDS ROSTER የዘር ርዕሰ ምረቃ

E // Enable only for ag households saq15==1 || saq15==3

|              |      |       |
|--------------|------|-------|
| 0A.Seed Name | LIST | s5q0A |
| .....        |      |       |

SECTION 5: SEEDS ROSTER የዘር ርዕሰ ምረቃ

Roster: SEED ROSTER

generated by list question [s5q0A](#)

Seedroster

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| 0B.List the crop code of the seed                                                                                                                    | <p>SINGLE-SELECT: COMBO BOX</p> <p>001 <input type="radio"/> 1.BARLEY</p> <p>002 <input type="radio"/> 2.MAIZE</p> <p>003 <input type="radio"/> 3.MILLET</p> <p>004 <input type="radio"/> 4.OATS</p> <p>005 <input type="radio"/> 5.RICE</p> <p>006 <input type="radio"/> 6.SORGHUM</p> <p>007 <input type="radio"/> 7.TEFF</p> <p>008 <input type="radio"/> 8.WHEAT</p> <p>009 <input type="radio"/> 9.Mung Bean or MASHO</p> <p>010 <input type="radio"/> 10.CASSAVA</p> <p>011 <input type="radio"/> 11.CHICKPEAS</p> <p>012 <input type="radio"/> 12.HARICOTBEANS</p> <p>013 <input type="radio"/> 13.HORSE BEANS</p> <p>014 <input type="radio"/> 14.LENTILS</p> <p>015 <input type="radio"/> 15.FIELDPEAS</p> <p>016 <input type="radio"/> 16.VETCH</p> <p><a href="#">And 82 other symbols [6]</a></p> | s5q0B  |
| 1a.SEED TYPE of <a href="#">%rosteritle%</a>                                                                                                         | <p>SINGLE-SELECT</p> <p>01 <input type="radio"/> TRADITIONAL</p> <p>02 <input type="radio"/> IMPROVED</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | s5q01a |
| <p>1b.IF IMPROVED SEED TYPE of <a href="#">%rosteritle%</a></p> <p><a href="#">What type of improved seed is %rosteritle%</a></p> <p>E s5q01a==2</p> | <p>SINGLE-SELECT</p> <p>01 <input type="radio"/> IMPROVED/NEW</p> <p>02 <input type="radio"/> IMPROVED/RECYCLED (SAVED FROM PREVIOUS HARVEST)</p> <p>03 <input type="radio"/> IMPROVED/LEFTOVER (SAVED FROM PREVIOUS PURCHASE)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | s5q01b |
| 2.Did you purchase any of the <a href="#">%rosteritle%</a> used during the [CURRENT AGRICULTURE SEASON?                                              | <p>SINGLE-SELECT</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | s5q02  |



|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| <p>12. Did you receive any of the %roster title% for free during the [CURRENT AGRICULTURE SEASON]?</p> <p>I EXCLUDE ANY %roster title% LEFT OVER FROM PREVIOUS SEASON.</p>                                                                                                     | <p>SINGLE-SELECT s5q12</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <p>13a. How much of the %roster title% did you receive in total for free during the [CURRENT AGRICULTURE SEASON]? KILO</p> <p>E s5q12==1</p>                                                                                                                                   | <p>NUMERIC: DECIMAL s513a</p> <p>-----</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <p>14. During the [CURRENT AGRICULTURE SEASON], from whom did you receive the %roster title% for free?</p> <p>I LIST UP TO 2.</p> <p>E s5q12==1</p>                                                                                                                            | <p>MULTI-SELECT: ORDERED s5q14</p> <p>01 <input type="checkbox"/> AGRICULTURAL COOPERATIVE/union/association</p> <p>03 <input type="checkbox"/> GOVERNMENT AGENCY</p> <p>04 <input type="checkbox"/> SAVINGS &amp; CREDIT COOPERATIVE</p> <p>05 <input type="checkbox"/> LOCAL MARKET</p> <p>06 <input type="checkbox"/> MAIN MARKET</p> <p>07 <input type="checkbox"/> RELATIVE</p> <p>08 <input type="checkbox"/> FRIEND/NEIGHBOR</p> <p>09 <input type="checkbox"/> PRIVATE MICROFINANCE INSTITUTE</p> <p>10 <input type="checkbox"/> NGO</p> <p>11 <input type="checkbox"/> ROADSIDE</p> <p>12 <input type="checkbox"/> From Own source</p> <p>99 <input type="checkbox"/> OTHER (SPECIFY)</p> |
| <p>15. How much did you pay for transportation in total to acquire all of the %roster title% that you received for free during the [CURRENT AGRICULTURE SEASON]?</p> <p>I INCLUDE ALL TRIPS FROM AND BACK TO THE FARM. If not pay transor t, record zero</p> <p>E s5q12==1</p> | <p>NUMERIC: INTEGER s5q15</p> <p>-----</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <p>16. Was any of the %roster title% that you used during the [CURRENT AGRICULTURE SEASON] left over/ saved from a previous season harvest?</p>                                                                                                                                | <p>SINGLE-SELECT s5q16</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <p>17a. How much of the %roster title% that you used during the [CURRENT AGRICULTURE SEASON] left over from a previous season? KILO</p> <p>E s5q16==1</p> <p>V1 !(se1f==0)</p> <p>M1 Amounts can't be zero</p>                                                                 | <p>NUMERIC: DECIMAL s5q17a</p> <p>-----</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

## SECTION 7: MISC. HOLDER QUESTIONS አጠቃላይ ጥያቄዎች

E // Enable only for ag households saql5.InList(1,3)

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| <p>1.Do you exercise crop rotation on your land holding?</p>                                                                                                                                                                                         | <p>SINGLE-SELECT <span style="float: right;">s7q01</span></p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p> <p>03 <input type="radio"/> NOT APPLICABLE</p>                                                                                                                                                                                                                                                                                   |
| <p>2.Did you use chemical fertilizers on any one of your crop field?</p> <p>V1 Parcelroster2.Any(x=&gt; x.any_chem==true) ? self==1 : true</p> <p>M1 There is chemical fertilizer used in section 3 and the answer for this question must be yes</p> | <p>SINGLE-SELECT <span style="float: right;">s7q02</span></p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>                                                                                                                                                                                                                                                                                                                                  |
| <p>3.What is the reason for not using chemical fertilizers on any one of your crop field [IF NO FERTILIZER]?</p> <p>I READ RESPONSES</p> <p>E s7q02==2</p>                                                                                           | <p>SINGLE-SELECT <span style="float: right;">s7q03</span></p> <p>01 <input type="radio"/> Lack of Knowledge</p> <p>02 <input type="radio"/> HIGH PRICE</p> <p>03 <input type="radio"/> LACK OF MONEY</p> <p>04 <input type="radio"/> NON-AVAILABILITY OF SUPPLY</p> <p>05 <input type="radio"/> LACK OF CREDIT SERVICE</p> <p>06 <input type="radio"/> SKEPTICAL OF THE OUTCOME</p> <p>07 <input type="radio"/> OTHERS(SPECIFY)</p>                                   |
| <p>Other specify</p> <p>E s7q03==7</p>                                                                                                                                                                                                               | <p>TEXT <span style="float: right;">s7q03_other</span></p> <p>.....</p>                                                                                                                                                                                                                                                                                                                                                                                               |
| <p>3b. Have you ever called the '8028', or agricultural hotline?</p>                                                                                                                                                                                 | <p>SINGLE-SELECT <span style="float: right;">s7q3b</span></p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p> <p>03 <input type="radio"/> NOT APPLICABLE</p>                                                                                                                                                                                                                                                                                   |
| <p>4.Do you participate in the extension program?</p>                                                                                                                                                                                                | <p>SINGLE-SELECT <span style="float: right;">s7q04</span></p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>                                                                                                                                                                                                                                                                                                                                  |
| <p>5.What is the reason for not participating in the Extension Program?</p> <p>I READ RESPONSES</p> <p>E s7q04==2</p>                                                                                                                                | <p>SINGLE-SELECT <span style="float: right;">s7q05</span></p> <p>01 <input type="radio"/> Lack of Knowledge</p> <p>02 <input type="radio"/> LACK OF MONEY</p> <p>03 <input type="radio"/> SKEPTICAL OF THE OUTCOME</p> <p>04 <input type="radio"/> NON-AVALAIBILITY OF THE PROGRAM</p> <p>05 <input type="radio"/> LACK OF ADEQUATE CROP FIELD</p> <p>06 <input type="radio"/> EXTENSION OFFICER DID NOT SHOW UP</p> <p>07 <input type="radio"/> OTHERS (SPECIFY)</p> |
| <p>Other specify</p> <p>E s7q05==7</p>                                                                                                                                                                                                               | <p>TEXT <span style="float: right;">s7q05_other</span></p> <p>.....</p>                                                                                                                                                                                                                                                                                                                                                                                               |

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| 6.Do you get credit services?                                                              | SINGLE-SELECT<br>01 <input type="radio"/> YES<br>02 <input type="radio"/> NO                                                                                                                                                                                                                                                          | s7q06       |
| 7.Where did you get the credit from?<br>E s7q06==1                                         | SINGLE-SELECT<br>01 <input type="radio"/> Government<br>02 <input type="radio"/> Private<br>03 <input type="radio"/> Non Government financial institute<br>04 <input type="radio"/> Cooperatives<br>05 <input type="radio"/> Other(Specify)                                                                                           | s7q07       |
| Other specify<br>E s7q07==5                                                                | TEXT<br>.....                                                                                                                                                                                                                                                                                                                         | s7q07_other |
| 8.Why did you not get credit services?<br>E s7q06==2                                       | SINGLE-SELECT<br>01 <input type="radio"/> NON-AVAILABILITY OF THE SERVICE<br>02 <input type="radio"/> UNABLE TO PAY THE LOAN<br>03 <input type="radio"/> INADEQUATE SERVICE PROVIDED<br>04 <input type="radio"/> Lack of Knowledge<br>05 <input type="radio"/> DOES NOT YIELD ANY RESULTS<br>06 <input type="radio"/> OTHERS(SPECIFY) | s7q08       |
| Other specify<br>E s7q08==6                                                                | TEXT<br>.....                                                                                                                                                                                                                                                                                                                         | s7q08_other |
| 9.Do you get advisory services?                                                            | SINGLE-SELECT<br>01 <input type="radio"/> YES<br>02 <input type="radio"/> NO                                                                                                                                                                                                                                                          | s7q09       |
| 10.Why do you not get advisory services?<br>I READ RESPONSES.<br>E s7q09==2                | SINGLE-SELECT<br>01 <input type="radio"/> NON AVAILABILITY OF THE SERVICE<br>02 <input type="radio"/> INADEQUATE SERVICES PROVIDED<br>03 <input type="radio"/> Lack of Knowledge<br>04 <input type="radio"/> DOES NOT YIELD ANY RESULTS<br>05 <input type="radio"/> OTHERS(SPECIFY)                                                   | s7q10       |
| Other specify<br>E s7q10==5                                                                | TEXT<br>.....                                                                                                                                                                                                                                                                                                                         | s7q10_other |
| 11.During this agricultural season where did you purchase most of the chemical fertilizer? | MULTI-SELECT<br>01 <input type="checkbox"/> GOVERNMENT ORGANIZATION<br>02 <input type="checkbox"/> PRIVATE ORGANIZATION<br>03 <input type="checkbox"/> MERCHANTS<br>04 <input type="checkbox"/> Cooperatives<br>05 <input type="checkbox"/> OTHER (SPECIFY)<br>06 <input type="checkbox"/> NEVER purchase FERTILIZER                  | s7q11       |



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| Other specify<br>E s7q11.Contains(5)                                                                                                                                                                                                                                                  | TEXT<br>s7q11a_other<br>.....                                                                                                                                                                                                                                                                                                                                                                                                         |
| 12.How many of your own oxen were used in this Meher season?                                                                                                                                                                                                                          | NUMERIC: INTEGER<br>s7q12<br>-----                                                                                                                                                                                                                                                                                                                                                                                                    |
| 13.If you don't have enough oxen how do you plough?<br>E s7q12<2                                                                                                                                                                                                                      | SINGLE-SELECT<br>s7q13<br>01 <input type="radio"/> BY RENTING OX<br>02 <input type="radio"/> BY PAIRING MINE W/SOMEONE'S OX<br>03 <input type="radio"/> BY PAIRING MINE W/OTHER ANIMAL<br>04 <input type="radio"/> USING OTHER ANIMAL(LIKE HORSE OR COW)<br>05 <input type="radio"/> DIGGING<br>06 <input type="radio"/> USING BORROWED OXEN<br>07 <input type="radio"/> Tractor/ Machine<br>08 <input type="radio"/> OTHER (SPECIFY) |
| 13B.If you have used rented oxen/ tracktor/ machine to cultivate any of your plots during this agriculture season how much did you paid for the rent? (record the amount in Birr).<br>I IF NO RENT IS PAID RECORD ZERO<br>V1 \$zeroOrMore<br>M1 Amount Must be zero or more than zero | NUMERIC: DECIMAL<br>s7q13b<br>-----                                                                                                                                                                                                                                                                                                                                                                                                   |
| Other specify<br>E s7q13==8                                                                                                                                                                                                                                                           | TEXT<br>s7q13_other<br>.....                                                                                                                                                                                                                                                                                                                                                                                                          |
| 14.How many oxen do you have?                                                                                                                                                                                                                                                         | NUMERIC: INTEGER<br>s7q14<br>-----                                                                                                                                                                                                                                                                                                                                                                                                    |
| 15.What type of Plough equipment do you mostly use?                                                                                                                                                                                                                                   | SINGLE-SELECT<br>s7q15<br>01 <input type="radio"/> Traditional plough (Maresha)<br>02 <input type="radio"/> Modern plough (single Maresha)<br>03 <input type="radio"/> Modern plough (double Maresha)<br>04 <input type="radio"/> Tractor<br>05 <input type="radio"/> Hand held motore machine<br>06 <input type="radio"/> Hand hoe<br>07 <input type="radio"/> Other specify                                                         |
| Other specify<br>E s7q15==7                                                                                                                                                                                                                                                           | TEXT<br>s7q15_other<br>.....                                                                                                                                                                                                                                                                                                                                                                                                          |

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| <p>16.What type of machine do you mostly use to thresh the crop products?</p>                                                                              | <p>SINGLE-SELECT <span style="float: right;">s7q16</span></p> <p>01 <input type="radio"/> By beating with stick/ separate with hand</p> <p>02 <input type="radio"/> Use livestock to thresh the crop</p> <p>03 <input type="radio"/> Modern thresher</p> <p>04 <input type="radio"/> Other specify</p> <p>05 <input type="radio"/> Not applicable</p>                                                                                                                  |
| <p>Other specify</p> <p>E s7q16==4</p>                                                                                                                     | <p>TEXT <span style="float: right;">s7q16_other</span></p> <p>.....</p>                                                                                                                                                                                                                                                                                                                                                                                                |
| <p>17.Do you plough any new never cultivated field as additional field other than the fields you had in the last agricultural season? ?</p>                | <p>SINGLE-SELECT <span style="float: right;">s7q17</span></p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>                                                                                                                                                                                                                                                                                                                                   |
| <p>18.What was the purpose of this additional field in the last agricultural season?</p> <p>E s7q17==1</p>                                                 | <p>SINGLE-SELECT <span style="float: right;">s7q18</span></p> <p>01 <input type="radio"/> Own grazing land/forest or woodland/ Wet land/ Dry land</p> <p>02 <input type="radio"/> Government owned grazing land/forest or woodland/ Wet land</p> <p>03 <input type="radio"/> Common Grazing land/ Forest land/Wet land</p> <p>04 <input type="radio"/> Another holder's land / Grazing land/ Forest land/ Wet land</p> <p>05 <input type="radio"/> Other (Specify)</p> |
| <p>Other specify</p> <p>E s7q18==5</p>                                                                                                                     | <p>TEXT <span style="float: right;">s7q18_other</span></p> <p>.....</p>                                                                                                                                                                                                                                                                                                                                                                                                |
| <p>19.Total Chemical Fertilizers ready for use for the main season in 2014 E.c (it includes purchased, gifts, loans, supports)</p> <p>I Amount in Kilo</p> | <p>NUMERIC: INTEGER <span style="float: right;">s7q19</span></p> <p>-----</p>                                                                                                                                                                                                                                                                                                                                                                                          |
| <p>20.Total Dap fertilizer ready for use for main season in 2014 E.C (it includes purchase gifts, loans, supports)</p> <p>I Amount in Kilo</p>             | <p>NUMERIC: INTEGER <span style="float: right;">s7q20</span></p> <p>-----</p>                                                                                                                                                                                                                                                                                                                                                                                          |
| <p>21.Total Urea fertilizer ready for use for main season in 2014 E.C (it includes purchase gifts, loans, supports)</p> <p>I Amount in Kilo</p>            | <p>NUMERIC: INTEGER <span style="float: right;">s7q21</span></p> <p>-----</p>                                                                                                                                                                                                                                                                                                                                                                                          |
| <p>22.Total NPS fertilizer ready for use for main season in 2014 E.C (it includes purchase gifts, loans, supports)</p> <p>I Amount in Kilo</p>             | <p>NUMERIC: INTEGER <span style="float: right;">s7q22</span></p> <p>-----</p>                                                                                                                                                                                                                                                                                                                                                                                          |
| <p>23.Total other chemical fertilizer ready for use for main season in 2014 E.C (it includes purchase gifts, loans, supports)</p> <p>I Amount in Kilo</p>  | <p>NUMERIC: INTEGER <span style="float: right;">s7q23</span></p> <p>-----</p>                                                                                                                                                                                                                                                                                                                                                                                          |

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| <p>24.Total Dap fertilizer used for main season in 2014 E.C (it includes purchase gifts, loans, supports)</p> <p>I Amount in Kilo<br/>E s7q20 &gt;0</p>                                                                                          | <p>NUMERIC: INTEGER s7q24</p> <p>-----</p>                                                                                                                                                                                                                                                                            |
| <p>25.Total Urea fertilizer used for main season in 2014 E.C (it includes purchase gifts, loans, supports)</p> <p>I Amount in Kilo<br/>E s7q21 &gt;0</p>                                                                                         | <p>NUMERIC: INTEGER s7q25</p> <p>-----</p>                                                                                                                                                                                                                                                                            |
| <p>26.Total NPS fertilizer used for main season in 2014 E.C (it includes purchase gifts, loans, supports)</p> <p>I Amount in Kilo<br/>E s7q22 &gt;0</p>                                                                                          | <p>NUMERIC: INTEGER s7q26</p> <p>-----</p>                                                                                                                                                                                                                                                                            |
| <p>27.Total other mixed chemical fertilizer used for main season in 2014 E.C (it includes purchase gifts, loans, supports)</p> <p>I Amount in Kilo<br/>E s7q23 &gt;0</p>                                                                         | <p>NUMERIC: INTEGER s7q27</p> <p>-----</p>                                                                                                                                                                                                                                                                            |
| <p>28a.If there is a difference in the amount readily available DAP and Used DAP (if there is a difference in the amount between Q20 and Q24 ) what was the main reason for the difference?</p> <p>E (s7q20 != s7q24)&amp;&amp; s7q20&gt;0</p>   | <p>SINGLE-SELECT s7q28a</p> <p>01 <input type="radio"/> To use the remaining for another Meher season</p> <p>02 <input type="radio"/> To use for Belg season</p> <p>03 <input type="radio"/> I sold it</p> <p>04 <input type="radio"/> I gave it to another person</p> <p>05 <input type="radio"/> Other(Specify)</p> |
| <p>Other specify</p> <p>E s7q28a==5</p>                                                                                                                                                                                                          | <p>TEXT s7q28a_other</p> <p>-----</p>                                                                                                                                                                                                                                                                                 |
| <p>28b.If there is a difference in the amount readily available UREA and used UREA (if there is a difference in the amount between Q21 and Q25) what was the main reason for the difference?</p> <p>E (s7q21 != s7q25) &amp;&amp; s7q21&gt;0</p> | <p>SINGLE-SELECT s7q28b</p> <p>01 <input type="radio"/> To use remaining for Meher season</p> <p>02 <input type="radio"/> To use for Belg season</p> <p>03 <input type="radio"/> I sold it</p> <p>04 <input type="radio"/> I gave it to another person</p> <p>05 <input type="radio"/> Other(Specify)</p>             |
| <p>Other specify</p> <p>E s7q28b==5</p>                                                                                                                                                                                                          | <p>TEXT s7q28b_other</p> <p>-----</p>                                                                                                                                                                                                                                                                                 |
| <p>28c.If there is a difference in the amount readily available NPS and used NPS (if there is a difference in the amount between Q22 and Q26 ) what was the main reason for the difference?</p> <p>E (s7q22 != s7q26) &amp;&amp; s7q22&gt;0</p>  | <p>SINGLE-SELECT s7q28c</p> <p>01 <input type="radio"/> To use remaining for Meher season</p> <p>02 <input type="radio"/> To use for Belg season</p> <p>03 <input type="radio"/> I sold it</p> <p>04 <input type="radio"/> I gave it to another person</p> <p>05 <input type="radio"/> Other(Specify)</p>             |

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| <p>Other specify</p> <p>E s7q28c==5</p>                                                                                                                                                                                                             | <p>TEXT s7q28c_other</p> <p>.....</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p>28d.If there is a difference in the amount readily available Mixed and used Mixed (if there is a difference in the amount between Q23 and Q27 ) what was the main reason for the difference?</p> <p>E (s7q23 != s7q27) &amp;&amp; s7q23&gt;0</p> | <p>SINGLE-SELECT s7q28d</p> <p>01 <input type="radio"/> To use remaining for another Meher season</p> <p>02 <input type="radio"/> To use for Belg season</p> <p>03 <input type="radio"/> I sold it</p> <p>04 <input type="radio"/> I gave it to another person</p> <p>05 <input type="radio"/> Other(Specify)</p>                                                                                                                                                                                                                                                                                                                                                                                  |
| <p>Other specify</p> <p>E s7q28d ==5</p>                                                                                                                                                                                                            | <p>TEXT s7q28d_other</p> <p>.....</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p>29.Have you participated in watershed activities in your community during the last Agriculture season (2013 EC)?</p>                                                                                                                             | <p>SINGLE-SELECT s7q29</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <p>30.During the last Agriculture season,for how many days have you participated in the watershed activities?</p> <p>E s7q29==1</p> <p>W1 self &lt; 120</p> <p>M1 THE NUMBER OF WORKING DAYS SEEMS EXCEEDING THE EXPECTED DAYS PLEASE CONFIRM</p>   | <p>NUMERIC: INTEGER s7q30</p> <p>-----</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <p>31.During the last Agriculture season,what was the three major watershed activities have you participated in?</p> <p>E s7q29==1</p>                                                                                                              | <p>MULTI-SELECT s7q31</p> <p>01 <input type="checkbox"/> Terracing</p> <p>02 <input type="checkbox"/> Tree planting</p> <p>03 <input type="checkbox"/> Conservation activities</p> <p>04 <input type="checkbox"/> Preparing water harvesting pits</p> <p>05 <input type="checkbox"/> Road construction</p> <p>06 <input type="checkbox"/> Sewerage construction</p> <p>07 <input type="checkbox"/> Preparing holes for tree plantation</p> <p>08 <input type="checkbox"/> Trenches</p> <p>09 <input type="checkbox"/> Wire mesh (Gabiyon )</p> <p>10 <input type="checkbox"/> Bridge construction</p> <p>11 <input type="checkbox"/> Stone terracing</p> <p>12 <input type="checkbox"/> Others</p> |
| <p>Other specify</p> <p>E s7q31.Contains(12)</p>                                                                                                                                                                                                    | <p>TEXT s7q31_other</p> <p>.....</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <p>32a_1. During this agriculture season, how much of pesticide was used [CURRENT AGRICULTURE SEASON]? ?</p> <p>V1 \$zeroOrMore</p> <p>M1 Value must be zero or greater</p>                                                                         | <p>NUMERIC: DECIMAL s7q32a_1</p> <p>-----</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

|                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>32a_2. Unit used to measure the pesticide on</p> <p>E s7q32a_1 &gt;0</p>                                                                                                                                                                                                                                                                                                                                    | <p>SINGLE-SELECT s7q32a_2</p> <p>01 <input type="radio"/> GRAM</p> <p>02 <input type="radio"/> KILO GRAM</p> <p>03 <input type="radio"/> LITRE</p> |
| <p>32b_1. During this agriculture season, how much of the herbicide was used [CURRENT AGRICULTURE SEASON]?</p> <p>V1 \$zeroOrMore</p> <p>M1 Value must be zero or greater</p>                                                                                                                                                                                                                                  | <p>NUMERIC: DECIMAL s7q32b_1</p> <p>-----</p>                                                                                                      |
| <p>32b_2. Unit used to measure the herbicide on</p> <p>E s7q32b_1 &gt;0</p>                                                                                                                                                                                                                                                                                                                                    | <p>SINGLE-SELECT s7q32b_2</p> <p>01 <input type="radio"/> GRAM</p> <p>02 <input type="radio"/> KILO GRAM</p> <p>03 <input type="radio"/> LITRE</p> |
| <p>32c_1. During this agriculture season, how much of the fungicide was used [CURRENT AGRICULTURE SEASON]?</p> <p>V1 \$zeroOrMore</p> <p>M1 Value must be zero or greater</p>                                                                                                                                                                                                                                  | <p>NUMERIC: DECIMAL s7q32c_1</p> <p>-----</p>                                                                                                      |
| <p>32c_2. Unit used to measure the fungicide on</p> <p>E s7q32c_1 &gt;0</p>                                                                                                                                                                                                                                                                                                                                    | <p>SINGLE-SELECT s7q32c_2</p> <p>01 <input type="radio"/> GRAM</p> <p>02 <input type="radio"/> KILO GRAM</p> <p>03 <input type="radio"/> LITRE</p> |
| <p>33. If you have used irrigation in any of your field during this Meher season; how much have you spent for irrigation related activities (expenses for example cost of fuel or electric to pump or transport water)?</p> <p>I All expenses must be recorded in Birr. if no amount is spent record zero</p> <p>V1 \$zeroOrMore</p> <p>M1 Value must be zero or greater</p>                                   | <p>NUMERIC: INTEGER s7q33</p> <p>-----</p>                                                                                                         |
| <p>34. During this meher agriculture season how much have you spent on soil and water conservation activities on your field such as for construction of terracing, trenches, canal, water harvesting pit, and other miscellaneous maintenance activities?</p> <p>I All expenses must be recorded in Birr. if no amount is spent record zero</p> <p>V1 \$zeroOrMore</p> <p>M1 Value must be zero or greater</p> | <p>NUMERIC: INTEGER s7q34</p> <p>-----</p>                                                                                                         |
| <p>35. During this meher agriculture season how much have you spent for minor maintainance of agriculture/farming tools or machines?</p> <p>I All expenses must be recorded in Birr. if no amount is spent record zero</p> <p>V1 \$zeroOrMore</p> <p>M1 Value must be zero or greater</p>                                                                                                                      | <p>NUMERIC: INTEGER s7q35</p> <p>-----</p>                                                                                                         |

|                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>36. During this meher agriculture season how much have you spent for agriculture products storage like PP bags, sacks etc?</p> <p>I All expenses must be recorded in Birr. if no amount is spent record zero</p> <p>V1 \$zeroOrMore</p> <p>M1 Value must be zero or greater</p> | <p>NUMERIC: INTEGER <span style="float: right;">s7q36</span></p> <p>-----</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <p>37. Have you participate in agriculture commercialization cluster farming initiative in any of the crops you have planted during this agriculture season?</p>                                                                                                                   | <p>SINGLE-SELECT <span style="float: right;">s7q37</span></p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <p>38. What benefits have you mainly get by participating in agriculture commercialization cluster farming initiative during this agriculture season?</p> <p>I List up to 3</p> <p>E s7q37==1</p>                                                                                  | <p>MULTI-SELECT <span style="float: right;">s7q38</span></p> <p>01 <input type="checkbox"/> Improved supply of /access to production inputs</p> <p>02 <input type="checkbox"/> Use of modern technologies</p> <p>03 <input type="checkbox"/> Decline in post harvest loss</p> <p>04 <input type="checkbox"/> Increase in income by producing crops that has high demand in the market</p> <p>05 <input type="checkbox"/> Get access to better market network/chanel</p> <p>06 <input type="checkbox"/> NONE (No Benefit received)</p> <p>99 <input type="checkbox"/> Other specify</p> |
| <p>Other specify</p> <p>E s7q38.Contains(99)</p>                                                                                                                                                                                                                                   | <p>TEXT <span style="float: right;">s7q38_other</span></p> <p>-----</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <p>39. What challenges have you faced while participating in agriculture commercialization cluster farming initiative during this agriculture season?</p> <p>I List up to 2</p> <p>E s7q37==1</p>                                                                                  | <p>MULTI-SELECT <span style="float: right;">s7q39</span></p> <p>01 <input type="checkbox"/> Lack of access to production inputs</p> <p>02 <input type="checkbox"/> lack of timely access to modern technologies</p> <p>03 <input type="checkbox"/> lack of agreement in crop choices</p> <p>04 <input type="checkbox"/> Unable to maintain crop rotation</p> <p>05 <input type="checkbox"/> NONE (No challenge faced)</p> <p>99 <input type="checkbox"/> Other specify</p>                                                                                                             |
| <p>Other specify</p> <p>E s7q39.Contains(99)</p>                                                                                                                                                                                                                                   | <p>TEXT <span style="float: right;">s7q39_other</span></p> <p>-----</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <p>40. What was the negative impact of COVID-19 on your farming activities of 2014 EC?</p>                                                                                                                                                                                         | <p>SINGLE-SELECT <span style="float: right;">s7q40</span></p> <p>01 <input type="radio"/> Delay in farm land preparation</p> <p>02 <input type="radio"/> Delay in planting time/season</p> <p>03 <input type="radio"/> Delay in the supply of agriculture inputs</p> <p>04 <input type="radio"/> Shortage of labor for farming activities</p> <p>05 <input type="radio"/> Increase in the price of farm inputs</p> <p>06 <input type="radio"/> No Negative Impact</p> <p>99 <input type="radio"/> Other specify</p>                                                                    |

|                                                                                                                                                                                                                                                                                                                                                                   |                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| <p>41. Due to COVID 19 negative impact by what percent was the total area of land cultivated and covered by crop in 2014 EC planting season is reduced as compared to the total area cultivated before COVID 19 pandemic.</p> <p>I (if no change or increased record 0)<br/>E s7q40.InList(1,2,3,4,5,99)<br/>V1 \$Percentages<br/>M1 Value must less than 100</p> | <p>NUMERIC: INTEGER</p> <p>s7q41</p> <p>-----</p> |
| <p>42. Due to COVID 19 negative impact by what percent was the productivity of main crop planted in 2014 EC planting season is reduced as compared to the crop productivity before the COVID 19 pandemic.</p> <p>I (if no change or increased record 0)<br/>E s7q40.InList(1,2,3,4,5,99)<br/>V1 \$Percentages<br/>M1 Value must less than 100</p>                 | <p>NUMERIC: INTEGER</p> <p>s7q42</p> <p>-----</p> |

SECTION 8.1: OWNERSHIP የቤት እንስሳት የይዞታ ባለቤትነት

E // Enable only for ag households saql5.InList(1,2,3)

SECTION 8.1: OWNERSHIP የቤት እንስሳት የይዞታ ባለቤትነት

Roster: 8.1 LIVESTOCK OWNERSHIP የቤት እንስሳት ባለቤትነት  
generated by fixed list

1s\_s8\_1\_ownership

- 01 Bulls / ኮሮፍ ዎች
- 02 Oxen / በፊዎች
- 03 Cows / ላባዎች
- 04 Steers / ወይዘሮች
- 05 Heifers / ጊዶች
- 06 Calves / ጥጃዎች
- 07 Goats - ፍየሎች
- 08 Sheep - በግ
- 09 Camels - ግጥ ል
- 10 Chicken - cocks / broilers / አቡ ራ ዶሮ/የደረሱ ውግድ ዶሮዎች
- 11 Chicken - hens / layers / እንቁላል ጥይ ዶሮዎች
- 12 Chicks / ጭ ጭ ጾች
- 13 Horses / ፈረሶች
- 14 Mules / በቅሎ ዎች
- 15 Donkeys / አህሎች
- 16 Bee Colony / ጥብ የፆተ ቀፎዎች

E // Enable only for ag households saql5.InList(1,2,3)

|                                                                                                                                                                                                                                    |                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <div>1. How many %rostartitle% does the holder currently keep (both his own and from other households)</div> <div>V1 self &lt;100</div> <div>M1 Big Number currently owned please confirm</div>                                    | <div>NUMERIC: INTEGER1s_s8_1q01</div> <div>-----</div>                                                       |
| <div>2. How many %rostartitle% recorded in Q1 belongs to other household ?</div> <div>E 1s_s8_1q01 &gt;0</div> <div>V1 self &lt;= 1s_s8_1q01</div> <div>M1 CANNOT EXCEED KEPT LIVESTOCK IN Q01</div>                               | <div>NUMERIC: INTEGER1s_s8_1_q02</div> <div>-----</div>                                                      |
| <div>3. How many of %rostartitle% are cross/exotic?</div> <div>E 1s_s8_1q01 &gt;0 &amp;&amp; @rowcode.InList(1,2,3,4,5,6,7,8,10,11,12)</div> <div>V1 self &lt;= 1s_s8_1q01</div> <div>M1 CANNOT EXCEED KEPT LIVESTOCK IN Q01</div> | <div>NUMERIC: INTEGER1s_s8_1q03</div> <div>-----</div>                                                       |
| <div>4. Who mainly owns the %rostartitle%? Household ID /</div> <div>E (1s_s8_1q01 &gt;0) &amp;&amp; (1s_s8_1q01 &gt; 1s_s8_1_q02)</div>                                                                                           | <div>MULTI-SELECT: LINKED<br/>SOURCE OF CATEGORIES: TEXT LIST QUESTION <a href="#">S1Q01</a>1s_s8_1q04</div> |
| <div>5. Who mainly keeps/manages the %rostartitle%? Household ID</div> <div>I Applicable if question 2 is not zero</div> <div>E (1s_s8_1q01 &gt;0) &amp;&amp; (1s_s8_1_q02&gt;0)</div>                                             | <div>MULTI-SELECT: LINKED<br/>SOURCE OF CATEGORIES: TEXT LIST QUESTION <a href="#">S1Q01</a>1s_s8_1q05</div> |



6. What are the holder's major purpos for owning /keeping %rosteritle%?

E 1s\_s8\_1q01 >0 && (1s\_s8\_1q01 > 1s\_s8\_1\_q02)

SINGLE-SELECT

1s\_s8\_1q06

- 01 ☐ SALE OF LIVE ANIMALS
- 02 ☐ SALE OF LIVESTOCK PRODUCTS
- 03 ☐ FOOD FOR THE FAMILY
- 04 ☐ SAVINGS AND INSURANCE
- 05 ☐ SOCIAL STATUS
- 06 ☐ CROP AGRICULTURE (MANURE, DRAUGHT POWER) እባቱን ለመዳበሪያነት ለመጥቀም ፤ ከተጠቃሚነት ለእርሻ ማፈት ማረሻ
- 07 ☐ TRANSPORT
- 08 ☐ OTHER (SPECIFY)

Other specify

E 1s\_s8\_1q06==8

TEXT

1s\_s8\_1q06\_other

.....

SECTION 8.2: CHANGE IN STOCK የተዘጋጀ ለውጥ

```
E // Enable only for ag households saq15==2 || saq15==3
```

SECTION 8.2: CHANGE IN STOCK የተዘጋጀ ለውጥ  
Roster: LIVESTOCK ROSTER / የቤት እንስሳት ወገን ዝግጋጃ  
generated by fixed list

1s\_s8\_2\_roster

- 01 Bulls / ኮፎጥ ዎች
- 02 Oxen / በፊዎች
- 03 Cows / ላጥች
- 04 Steers / ወይፈጥች
- 05 Heifers / ጊዶች
- 06 Calves / ጥጃዎች
- 07 Goats - ፍዋሉች
- 08 Sheep - በግ
- 09 Camels - ግጥ ል
- 10 Chicken - cocks / broilers / አቡ ራ ዶጦ/የደረሱ ውፃድ ዶጦዎች
- 11 Chicken - hens / layers / እንዳላል ጥይ ዶጦዎች
- 12 Chicks / ጭ ጭ ችች
- 13 Horses / ፈረሶች
- 14 Mules / በቅሉ ዎች
- 15 Donkeys / አህዞች
- 16 Bee Colony / ግብ የያዙ ቀጮዎች

|                                                                                                                         |                                                 |
|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| 1. How many did %roster% the holder own and keep 12 months ago?<br><br>V1 self <100<br>M1 ወገኑ በሰባት ወቅት ያገለገሉት ወገን አረጋግጥ | NUMERIC: INTEGER<br><br>-----<br><br>1s_s8_2q01 |
| 2. How many %roster% were born in the past 12 months?<br><br>E @rowcode.InRange(6,16)                                   | NUMERIC: INTEGER<br><br>-----<br><br>1s_s8_2q02 |

STATIC TEXT

Livestock purchases / የተገዙ የቤት እንስሳት

|                                                                                                                                  |                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| 3. Has this holder purchased any live %roster% in the past 12 months?<br><br>V1 \$nonZero<br>M1 Number must be greater than zero | SINGLE-SELECT<br><br>01 <input type="radio"/> YES<br>02 <input type="radio"/> NO<br><br>1s_s8_2q03 |
| 4. How many %roster% did this holder buy alive in the past 12 months?<br><br>E 1s_s8_2q03==1                                     | NUMERIC: INTEGER<br><br>-----<br><br>1s_s8_2q04                                                    |

|                                                                                                                                                                                |                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| <p>5. What was the total value of the %rostartitle% purchased in the past 12 months?</p> <p>E 1s_s8_2q03==1</p> <p>V1 \$nonZero</p> <p>M1 Amount must be greater than zero</p> | <p>NUMERIC: INTEGER 1s_s8_2q05</p> <p>-----</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|

STATIC TEXT

GIFTS - RECEIVED & GIVEN / በልሎች የተሰጡ ፤ በልሎች የተሰጡ የቤት እንስሳት

|                                                                                                                                                                       |                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <p>6. Has this holder received any %rostartitle% as a gift in the past 12 months? /</p>                                                                               | <p>SINGLE-SELECT 1s_s8_2q06</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p> |
| <p>7. How many %rostartitle% were received as a gift in the past 12 months?</p> <p>E 1s_s8_2q06==1</p> <p>V1 \$nonZero</p> <p>M1 Amount must be greater than zero</p> | <p>NUMERIC: INTEGER 1s_s8_2q07</p> <p>-----</p>                                                        |
| <p>8. Has this holder given any %rostartitle% as a gift in the past 12 months?</p>                                                                                    | <p>SINGLE-SELECT 1s_s8_2q08</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p> |
| <p>9. How many %rostartitle% were given as a gift in the past 12 months?</p> <p>E 1s_s8_2q08==1</p> <p>V1 \$nonZero</p> <p>M1 Amount must be greater than zero</p>    | <p>NUMERIC: INTEGER 1s_s8_2q09</p> <p>-----</p>                                                        |

STATIC TEXT

LIVESTOCK LOST / በእያንዳንዱ የሕንጻው የቤት እንስሳት

|                                                                                                                                                          |                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <p>10. Has this holder lost any %rostartitle% in the past 12 months?</p>                                                                                 | <p>SINGLE-SELECT 1s_s8_2q10</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p> |
| <p>11. How many %rostartitle% were lost in the past 12 months?</p> <p>E 1s_s8_2q10==1</p> <p>V1 \$nonZero</p> <p>M1 Amount must be greater than zero</p> | <p>NUMERIC: INTEGER 1s_s8_2q11</p> <p>-----</p>                                                        |

STATIC TEXT

SALES OF LIVE ANIMALS / የተሸጡ የቤት እንስሳት

|                                                                                                                                                           |                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <p>12. Has this holder sold any %rostartitle% alive in the past 12 months?</p>                                                                            | <p>SINGLE-SELECT 1s_s8_2q12</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p> |
| <p>13. How many %rostartitle% has this holder sold alive in the past 12 month?</p> <p>E 1s_s8_2q12==1</p> <p>V1 \$nonZero</p> <p>M1 ወጥኝ በነፍሱ ውስጥ አልበት</p> | <p>NUMERIC: INTEGER 1s_s8_2q13</p> <p>-----</p>                                                        |

|                                                                                 |                                      |
|---------------------------------------------------------------------------------|--------------------------------------|
| 14. What was the total income from these %rosteritle% sales?<br>E 1s_s8_2q12==1 | NUMERIC: INTEGER 1s_s8_2q14<br>----- |
|---------------------------------------------------------------------------------|--------------------------------------|

STATIC TEXT

ANIMALS SLAUGHTERED / የታረፉ የባን ጽንሰላት

|                                                                                                     |                                                                                         |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 15. Has this holder slaughtered any %rosteritle% in the past 12 months?<br>E @rowcode.InRange(1,11) | SINGLE-SELECT 1s_s8_2q15<br>01 <input type="radio"/> YES<br>02 <input type="radio"/> NO |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|

|                                                                                                                                                                                  |                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| 16. How many %rosteritle% has this holder slaughtered in the past 12 months?<br>E 1s_s8_2q15==1 && @rowcode.InRange(1,11)<br>V1 \$nonZero<br>M1 Amount Must be greater than zero | NUMERIC: INTEGER 1s_s8_2q16<br>----- |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|

|                                                                                                                                       |                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 17. Has this holder sold some of the slaughtered %rosteritle% meat in the past 12 months?<br>E 1s_s8_2q15==1&& @rowcode.InRange(1,11) | SINGLE-SELECT 1s_s8_2q17<br>01 <input type="radio"/> YES<br>02 <input type="radio"/> NO |
|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|

|                                                                                                                                                                                       |                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| 18. What was the total income from these sales of font color="blue">%rosteritle% ?<br>E 1s_s8_2q17==1&& @rowcode.InRange(1,11)<br>V1 \$nonZero<br>M1 Amount must be greater than zero | NUMERIC: INTEGER 1s_s8_2q18<br>----- |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|

STATIC TEXT

TRANSPORTATION/ መጓጓዣ

|                                                                                                                                                       |                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 19. Has this holder incurred any transportation costs in the sale of live or slaughtered %rosteritle%, or in the sale of any %rosteritle% by-product? | SINGLE-SELECT 1s_s8_2q19<br>01 <input type="radio"/> YES<br>02 <input type="radio"/> NO |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|

|                                                                                                                                                                                   |                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| 20. How much did the holder spend on these transportation costs for %rosteritle% in the last 12 months?<br>E 1s_s8_2q19==1<br>V1 \$nonZero<br>M1 Amount Must be greater than zero | NUMERIC: INTEGER 1s_s8_2q20<br>----- |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|

SECTION 8.3. BREEDING ማዘጋጀት

E // Enable only for ag households saq15==2 || saq15==3

SECTION 8.3. BREEDING ማዘጋጀት

Roster: LIVESTOCK TYPE /የቤት እንስሳት ዓይነት  
generated by fixed list

s8\_3\_roster

- 01 የቀዳጅ ከብቶች
- 02 በግና ፍየሎች
- 03 ማግሰሎች
- 04 ደግሞች
- 05 የጾማ ከብቶች
- 06 ሃቦች

SECTION 8.3. BREEDING ማዘጋጀት / LIVESTOCK TYPE /የቤት እንስሳት ዓይነት  
SECTION 8.3. BREEDING

E @rowcode.InList(1,2,4)

|                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Has this holder practiced any controlled mating or other breeding strategy for %rosteritle% in the past 12 months?<br>E @rowcode.InList(1,2,4)                      | SINGLE-SELECT<br>01 <input type="radio"/> YES<br>02 <input type="radio"/> NO<br>03 <input type="radio"/> NOT APPLICABLE<br>s8_3q01                                                                                                                                                                                                                                                                                                                                                                                          |
| 2. What has been the main controlled mating or breeding strategy used by this holder for %rosteritle% in the past 12 months?<br>E s8_3q01==1 && @rowcode.InList(1,2,4) | SINGLE-SELECT<br>01 <input type="radio"/> NATURAL MATING, SIRE SELECTED FROM WITHIN THE HERD<br>02 <input type="radio"/> NATURAL MATING, SIRE PURCHASED OR EXCHANGED<br>03 <input type="radio"/> NATURAL MATING, NON-BREEDING MALES CASTRATED<br>04 <input type="radio"/> NATURAL MATING, DAM PURCHASED<br>05 <input type="radio"/> ARTIFICIAL INSEMINATION FROM PUBLIC PROVIDERS<br>06 <input type="radio"/> ARTIFICIAL INSEMINATION FROM PRIVATE SERVICE PROVIDERS<br>07 <input type="radio"/> OTHER (SPECIFY)<br>s8_3q02 |
| Other specify<br>E s8_3q02==7                                                                                                                                          | TEXT<br>s8_3q02_other<br>.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 2b. Was the %rosteritle% ear-tagged?<br>E s8_3q01==1 && @rowcode==1 && s8_3q02.InList(5,6)                                                                             | SINGLE-SELECT<br>01 <input type="radio"/> YES<br>02 <input type="radio"/> NO<br>s8_3q02b                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 3. Has this holder incurred any cost related to breeding %rosteritle%?<br>E s8_3q01==1 && @rowcode.InList(1,2,4)                                                       | SINGLE-SELECT<br>01 <input type="radio"/> YES<br>02 <input type="radio"/> NO<br>s8_3q03                                                                                                                                                                                                                                                                                                                                                                                                                                     |

|                                                                                                                                                                                                                                                           |                                                                                                     |
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| <p>4. How much did this holder spend in total over the last 12 months for breeding %rosteritle%?</p> <p>E s8_3q03==1 &amp;&amp; @rowcode.InList(1,2,4)</p>                                                                                                | <p>NUMERIC: INTEGER s8_3q04</p> <p>-----</p>                                                        |
| <p>5. Has this holder paid anyone outside of the household specifically to help look after %rosteritle%?</p> <p>I Do not include if these individual(S) were accounted for in post-planting</p> <p>E s8_3q01==1 &amp;&amp; @rowcode.InList(1,2,3,4,5)</p> | <p>SINGLE-SELECT s8_3q05</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p> |
| <p>6. How much did this holder spend on wages for those looking after %rosteritle% in the last 12 months?</p> <p>E s8_3q05==1 &amp;&amp; @rowcode.InList(1,2,3,4,5)</p>                                                                                   | <p>NUMERIC: INTEGER s8_3q06</p> <p>-----</p>                                                        |

SECTION 8.3. BREEDING ማጽዳታ / LIVESTOCK TYPE / የሽብር እንስሳት ዓይነት

SECTION 8.3. HOUSE, WATER, AND FEED

E @rowcode.InList(1,2,3,4,5) && (s8\_3q01.InList(1,2))

|                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>7. What housing system for %rosteritle% has this holder mainly used in the past 12 months?</p> <p>E @rowcode.InList(1,2,3,4,5)</p>     | <p>SINGLE-SELECT 1s_s8_3q07</p> <p>01 <input type="radio"/> NONE</p> <p>02 <input type="radio"/> CONFINED IN SHEDS</p> <p>03 <input type="radio"/> CONFINED IN FENCES/PADDOCKS</p> <p>04 <input type="radio"/> BASKET</p> <p>05 <input type="radio"/> INSIDE THE HOUSE (E.G. KITCHEN)</p> <p>06 <input type="radio"/> OTHER (SPECIFY)</p> |
| <p>Other specify</p> <p>E 1s_s8_3q07==6</p>                                                                                               | <p>TEXT 1s_s8_3q07_other</p> <p>-----</p>                                                                                                                                                                                                                                                                                                 |
| <p>8a. How frequently has this holder watered %rosteritle% during dry season in the past 12 month?</p> <p>E @rowcode.InList(1,2,3,5)</p>  | <p>SINGLE-SELECT 1s_s8_3q08a</p> <p>01 <input type="radio"/> ANIMALS GET ON THEIR OWN FROM AVAILABLE SOURCES</p> <p>02 <input type="radio"/> ONCE A DAY</p> <p>03 <input type="radio"/> MORE THAN ONCE A DAY</p> <p>04 <input type="radio"/> ONCE IN TWO OR MORE DAYS</p>                                                                 |
| <p>8b How frequently has this holder watered %rosteritle% during rainy season in the past 12 month?</p> <p>E @rowcode.InList(1,2,3,5)</p> | <p>SINGLE-SELECT 1s_s8_3q08b</p> <p>01 <input type="radio"/> ANIMALS GET ON THEIR OWN FROM AVAILABLE SOURCES</p> <p>02 <input type="radio"/> ONCE A DAY</p> <p>03 <input type="radio"/> MORE THAN ONCE A DAY</p> <p>04 <input type="radio"/> ONCE IN TWO OR MORE DAYS</p>                                                                 |

|                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>9a. What has been the main source of water for %rosteritle% during dry season in the past 12 months?</p> <p>E @rowcode.InList(1,2,3,5)</p>        | <p>MULTI-SELECT 1s_s8_3q09a</p> <p>01 <input type="checkbox"/> BOREHOLE</p> <p>02 <input type="checkbox"/> DAM</p> <p>03 <input type="checkbox"/> WELL</p> <p>04 <input type="checkbox"/> RIVER/SPRING/STREAM</p> <p>05 <input type="checkbox"/> RAINWATER HARVESTING</p> <p>06 <input type="checkbox"/> OTHER (SPECIFY)</p>                                                                        |
| <p>Other specify</p> <p>E 1s_s8_3q09a.Contains(6)</p>                                                                                                | <p>TEXT 1s_s8_3q09a_other</p> <p>-----</p>                                                                                                                                                                                                                                                                                                                                                          |
| <p>9b. What has been the main source of water for %rosteritle% during rainy season in the past 12 months?</p> <p>E @rowcode.InList(1,2,3,5)</p>      | <p>MULTI-SELECT 1s_s8_3q09b</p> <p>01 <input type="checkbox"/> BOREHOLE</p> <p>02 <input type="checkbox"/> DAM</p> <p>03 <input type="checkbox"/> WELL</p> <p>04 <input type="checkbox"/> RIVER/SPRING/STREAM</p> <p>05 <input type="checkbox"/> RAINWATER HARVESTING</p> <p>06 <input type="checkbox"/> OTHER (SPECIFY)</p>                                                                        |
| <p>Other specify</p> <p>E 1s_s8_3q09b.Contains(6)</p>                                                                                                | <p>TEXT 1s_s8_3q09b_other</p> <p>-----</p>                                                                                                                                                                                                                                                                                                                                                          |
| <p>10a. Has this holder paid for the water for during dry season %rosteritle%?</p> <p>E @rowcode.InList(1,2,3,5)</p>                                 | <p>SINGLE-SELECT 1s_s8_3q10a</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>                                                                                                                                                                                                                                                                                             |
| <p>10b. Has this holder paid for the water for during rainy season %rosteritle%?</p> <p>E @rowcode.InList(1,2,3,5)</p>                               | <p>SINGLE-SELECT 1s_s8_3q10b</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>                                                                                                                                                                                                                                                                                             |
| <p>11. How much has this holder paid for water for %rosteritle%?</p> <p>E (1s_s8_3q10a==1    1s_s8_3q10b==1) &amp;&amp; @rowcode.InList(1,2,3,5)</p> | <p>NUMERIC: INTEGER 1s_s8_3q11</p> <p>-----</p>                                                                                                                                                                                                                                                                                                                                                     |
| <p>12. What have been for this holder the major feeding practices for %rosteritle% in the past 12 months?</p> <p>E @rowcode.InList(1,2,3,5)</p>      | <p>MULTI-SELECT 1s_s8_3q12</p> <p>01 <input type="checkbox"/> ONLY GRAZING/SCAVENGING</p> <p>02 <input type="checkbox"/> MAINLY GRAZING/SCAVENGING WITH SOME FEEDING</p> <p>03 <input type="checkbox"/> MAINLY FEEDING WITH SOME GRAZING/SCAVENGING</p> <p>04 <input type="checkbox"/> ONLY FEEDING (ZERO GRAZING/SCAVENGING)/ Stall feeding</p> <p>05 <input type="checkbox"/> OTHER (SPECIFY)</p> |
| <p>Other specify</p> <p>E 1s_s8_3q12.Contains(5)</p>                                                                                                 | <p>TEXT 1s_s8_3q12_other</p> <p>-----</p>                                                                                                                                                                                                                                                                                                                                                           |

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>13. Has this holder purchased any fodder / crop residues / agro industrial by-products / roots &amp; tubers / balanced contrates / feed suppmnts for %rosteritle% in the past 12 months?</p> <p>E @rowcode.InList(1,2,3,5)</p>                                       | <p>SINGLE-SELECT 1s_s8_3q13</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <p>14. How much has this holder spent to purchase fodder / crop residues / agro industrial by-products / roots &amp; tubers / balanced contrates / feed suppmnts for %rosteritle% in the past 12 months?</p> <p>E 1s_s8_3q13==1 &amp;&amp; @rowcode.InList(1,2,3,5)</p> | <p>NUMERIC: INTEGER 1s_s8_3q14</p> <p>-----</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p>15. For which season this holder use the fodder/ crop residues/agro industrial by-products / roots &amp; tubers/ balanced contrates/ feed suppmnts for %rosteritle% purchased in the past 12 months?</p> <p>E 1s_s8_3q13==1 &amp;&amp; @rowcode.InList(1,2,3,5)</p>  | <p>SINGLE-SELECT 1s_s8_3q15</p> <p>01 <input type="radio"/> FOR DRY SEASON</p> <p>02 <input type="radio"/> FOR RAIN SEASON</p> <p>03 <input type="radio"/> FOR BOTH</p>                                                                                                                                                                                                                                                                                                                                                                                      |
| <p>17. Has this holder used the following animal feeds for [LIVESTOCK TYPE] in the past 12 months?</p> <p>E @rowcode.InList(1,2,3,5)</p>                                                                                                                                | <p>MULTI-SELECT 1s_s8_3q17</p> <p>01 <input type="checkbox"/> AGRO-INDUSTRY BY-PRODUCTS</p> <p>02 <input type="checkbox"/> COWPEA</p> <p>03 <input type="checkbox"/> ELEPHANT GRASS</p> <p>04 <input type="checkbox"/> DESHO GRASS</p> <p>05 <input type="checkbox"/> SESBANIA</p> <p>06 <input type="checkbox"/> SINAR</p> <p>07 <input type="checkbox"/> LABLAB</p> <p>08 <input type="checkbox"/> ALFALFA</p> <p>09 <input type="checkbox"/> VETCH</p> <p>10 <input type="checkbox"/> RHODES GRASS</p> <p>11 <input type="checkbox"/> OTHER (SPECIFY)</p> |
| <p>Other specify</p> <p>E 1s_s8_3q17.Contains(8)</p>                                                                                                                                                                                                                    | <p>TEXT 1s_s8_4q11_other</p> <p>-----</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

SECTION 8.3. BREEDING ምዕባ / LIVESTOCK TYPE / የሴት አባዳሪነት ዓይነት

SECTION 8.3: ANIMAL HEALTH

E @rowcode.InList(1,2,3,4,5) && (s8\_3q01.InList(1,2))

|                                                                               |                                                                                                        |
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| <p>18. Has this holder vaccinated any %rosteritle% in the past 12 months?</p> | <p>SINGLE-SELECT 1s_s8_3q18</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p> |
|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|



|                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>19. Against which diseases are the %rosteritle% vaccinated?</p> <p>E 1s_s8_3q18==1</p>                                                                                                                                                   | <p>MULTI-SELECT 1s_s8_3q19</p> <p>01 <input type="checkbox"/> Brucellosis / ብሩሴሎሲስ</p> <p>02 <input type="checkbox"/> CBPP/ የዳልቃ ከብት ሳምባ</p> <p>03 <input type="checkbox"/> Lumpy Skin Disease/ የቆዳ በሽታ</p> <p>04 <input type="checkbox"/> CCPP/ የበግና ፍየል ሳምባ</p> <p>05 <input type="checkbox"/> ECF/ ኢሲፍ</p> <p>06 <input type="checkbox"/> RABIES/ የጳብድ ውሻ</p> <p>07 <input type="checkbox"/> FMD/ የአፍ ሙዝ (የአፍና ጳግሮ በሽታ)</p> <p>08 <input type="checkbox"/> ANTHRAX/ አጥሰኝታ</p> <p>09 <input type="checkbox"/> BQ/ አጥሳሮ</p> <p>10 <input type="checkbox"/> NEW CASTLE DISEASE/ አዲስ የቀዳድ ከብት በሽታ</p> <p>11 <input type="checkbox"/> SMALL POX/ ፈንጥጥ</p> <p>12 <input type="checkbox"/> GOMBORO/ የደሮ ጉበት የሙያ ሳብጥ በሽታ (ፈንግጫ)</p> <p>13 <input type="checkbox"/> OTHER</p> |
| <p>Other specify</p> <p>E 1s_s8_3q19.Contains(13)</p>                                                                                                                                                                                       | <p>TEXT 1s_s8_3q19_other</p> <p>.....</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <p>20. During the last 12 months has this holder used anthelmintics (deworming) on the %rosteritle%?</p>                                                                                                                                    | <p>SINGLE-SELECT 1s_s8_3q20</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <p>21. During the last 12 months have the %rosteritle% been preventively treated against ticks and other external parasites?</p>                                                                                                            | <p>SINGLE-SELECT 1s_s8_3q21</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <p>22. During the last 12 months how much did this holder spend in total on vaccines, anthelmintics and treatment against ticks and other external parasites for %rosteritle%?</p> <p>E 1s_s8_3q18==1    1s_s8_3q20==1    1s_s8_3q21==1</p> | <p>NUMERIC: INTEGER 1s_s8_3q22</p> <p>-----</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <p>23. During the last 12 months have the %rosteritle% owned by this holder received some curative treatment?</p>                                                                                                                           | <p>SINGLE-SELECT 1s_s8_3q23</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <p>24. During the last 12 months how much did this holder spend in total on curative treatments for %rosteritle%?</p> <p>E 1s_s8_3q23==1</p>                                                                                                | <p>NUMERIC: INTEGER 1s_s8_3q24</p> <p>-----</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

SECTION 8.3. BREEDING ማዳቃል / LIVESTOCK TYPE /የቤት እንስሳት ዓይነት

SECTION 8.3. ANIMAL DUNG / የቤት እንስሳት ኩባት/እጥን/ኩስ

E @rowcode.InList(1,2,3,4,5) && (s8\_3q01.InList(1,2))

|                                                                                                            |                                                                                                        |
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| <p>25. Has this household made any use of the dung produced by %rosteritle% in the past 12 months?&lt;</p> | <p>SINGLE-SELECT 1s_s8_3q25</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p> |
|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>26. Which have been the main use of the dung produced by %rosteritle% in the last 12 months?</div> <div>E 1s_s8_3q25==1</div>                                         | <div>MULTI-SELECT: ORDERED1s_s8_3q26</div> <div>01 <input type="checkbox"/> MANURE (GRAZING ON THE PLOT OR COLLECTED AND APPLIED)</div> <div>02 <input type="checkbox"/> FUEL</div> <div>03 <input type="checkbox"/> CONSTRUCTION MATERIAL</div> <div>04 <input type="checkbox"/> SALE</div> <div>05 <input type="checkbox"/> OTHER (SPECIFY)</div> |
| <div>Other specify</div> <div>E 1s_s8_3q26.Contains(5)</div>                                                                                                               | <div>TEXT1s_s8_3q26_other</div> <div>.....</div>                                                                                                                                                                                                                                                                                                    |
| <div>27. Did this household sell the dung produced by %rosteritle% in the last 12 months?</div> <div>E 1s_s8_3q25==1</div>                                                 | <div>SINGLE-SELECT1s_s8_3q27</div> <div>01 <input type="radio"/> YES</div> <div>02 <input type="radio"/> NO</div>                                                                                                                                                                                                                                   |
| <div>28. How much has this household earned from the sales of dung produced by %rosteritle% in the past 12 months?</div> <div>E 1s_s8_3q25==1&amp;&amp;1s_s8_3q27==1</div> | <div>NUMERIC: INTEGER1s_s8_3q28</div> <div>-----</div>                                                                                                                                                                                                                                                                                              |

SECTION 8.4: MILK, EGG PRODUCTION AND ANIMAL POWER የፎተትና እንቁላል ምርት

E // Enable only for ag households saq15==2 || saq15==3

SECTION 8.4: MILK, EGG PRODUCTION AND ANIMAL POWER የፎተትና እንቁላል ምርት

Roster: 8.6 PRODUCTION ምርት

generated by fixed list

1s\_s8\_4\_Production

- 01 Bulls / ኮሮሮዎች
- 02 Oxen / በፊዎች
- 03 Cows / ላሳዎች
- 04 Steers / ሙሴፋዎች
- 05 Heifers / ጊዶች
- 06 Calves / ሳጂዎች
- 07 Goats - ጭፍኦች
- 08 Sheep - በግ
- 09 Camels - ግሙሴ
- 10 Chicken - cocks / broilers / አርሳ ልጅ/የደረሱ ሙሴፋዎች
- 11 Chicken - hens / layers / እንቁላል ሳጂዎች
- 12 Chicks / ጭፍኦች
- 13 Horses / ፈረሶች
- 14 Mules / በጭሎዎች
- 15 Donkeys / አህሎች
- 16 Bee Colony / ግብ የያዙ ቀጢዎች

SECTION 8.4: MILK, EGG PRODUCTION AND ANIMAL POWER የፎተትና እንቁላል ምርት / 8.6 PRODUCTION ምርት

SECTION 8.4. MILK PRODUCTION የፎተት ምርት

E @rowcode==3 || @rowcode==7 || @rowcode==8 || @rowcode==9

1.Did you milk any%rosteritle% in the last 12 months?

I If it is "NO" Go to next [LIVESTOCK NAME]

SINGLE-SELECT

1s\_s8\_4q01

01 ☐ YES

02 ☐ NO

2.For the last 12 months, how many%rosteritle% did this holder milk?

E 1s\_s8\_4q01==1

V1 \$nonZero

M1 Amount must be greater than zero

V2 \$MonthsInYear

M2 Number of months must be between 1 and 12 please confirm

NUMERIC: INTEGER

1s\_s8\_4\_q02

-----

3. For how many months on average was one %rosteritle% milked in the past 12 months?

E 1s\_s8\_4q01==1

V1 \$nonZero

M1 Amount Must be greater than zero

V2 \$MonthsInYear

M2 Number of months must be between 1 and 12 please confirm

NUMERIC: INTEGER

1s\_s8\_4q03

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|                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>4. During these month in which %rostartitle% were milked, what was the average quantity of milk milked per day for one %rostartitle%? In Litter</p> <p>I ማረጃ በብቻ ሲጠየቅ፡ በሌላ ጥያቄ ማረጃ ለተሰጠው ENEMERATOR PLEASE RECORD IN LITTER</p> <p>E 1s_s8_4q01==1</p> <p>V1 \$nonZero</p> <p>M1 Amount must be greater than zero</p>                            | <p>NUMERIC: DECIMAL 1s_s8_4q04</p> <p>-----</p>                                                                                                                                                                  |
| <p>5. Was an animal suckling during the time the %rostartitle% being milked?</p> <p>E 1s_s8_4q01==1</p>                                                                                                                                                                                                                                             | <p>SINGLE-SELECT 1s_s8_4q05</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>                                                                                                           |
| <p>6. What was the main use of the milk of %rostartitle% ?</p> <p>E 1s_s8_4q01==1 &amp; 1s_s8_4q05==1</p>                                                                                                                                                                                                                                           | <p>SINGLE-SELECT 1s_s8_4q06</p> <p>01 <input type="radio"/> SELF CONSUMPTION</p> <p>02 <input type="radio"/> SALE</p> <p>03 <input type="radio"/> PROCESSING</p> <p>04 <input type="radio"/> OTHER (SPECIFY)</p> |
| <p>Other (Specify)</p> <p>E 1s_s8_4q06==4</p>                                                                                                                                                                                                                                                                                                       | <p>TEXT 1s_s8_4q06_other</p> <p>-----</p>                                                                                                                                                                        |
| <p>7. During these months in which animals were milked, how much of the %rostartitle% milk collected did this household consume per week?</p> <p>E 1s_s8_4q01==1 &amp; 1s_s8_4q05==1</p> <p>V1 1s_s8_4q06==1 ? 1s_s8_4q07 &gt; 0 : true</p> <p>M1 This value must be greater than zero because the HH uses the milk mainly for consumption (Q6)</p> | <p>NUMERIC: DECIMAL 1s_s8_4q07</p> <p>-----</p>                                                                                                                                                                  |
| <p>8. During these months in which animals were milked, did this holder sell the milk of %rostartitle% ?</p> <p>E 1s_s8_4q01==1 &amp; 1s_s8_4q05==1</p> <p>V1 1s_s8_4q06==2 ? 1s_s8_4q08 == 1 : true</p> <p>M1 This value must be greater than zero because the HH uses the milk mainly for sales (Q6)</p>                                          | <p>SINGLE-SELECT 1s_s8_4q08</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>                                                                                                           |
| <p>9. During these months in which animals were milked, how much of the milk of %rostartitle% milked did the holder sell per week?</p> <p>E 1s_s8_4q01==1 &amp; 1s_s8_4q05==1 &amp; 1s_s8_4q08==1</p> <p>V1 \$nonZero</p> <p>M1 Amount Must be greater than Zero</p>                                                                                | <p>NUMERIC: DECIMAL 1s_s8_4q09</p> <p>-----</p>                                                                                                                                                                  |
| <p>10. During these months in which animals were milked, how much did the holder earn from selling %rostartitle% milk per week?</p> <p>E 1s_s8_4q01==1 &amp; 1s_s8_4q05==1 &amp; 1s_s8_4q08==1</p> <p>V1 \$nonZero</p> <p>M1 Amount Must be greater than Zero</p>                                                                                   | <p>NUMERIC: INTEGER 1s_s8_4q10</p> <p>-----</p>                                                                                                                                                                  |
| <p>11. During these months in which animals were milked, did the holder sell %rostartitle% milk products ?</p> <p>E 1s_s8_4q01==1</p>                                                                                                                                                                                                               | <p>SINGLE-SELECT 1s_s8_4q11</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>                                                                                                           |

|                                                                                                                                                                                                                                  |                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| 12.During these months in which animals were milked, how much did the holder earn from selling %rosteritle% milk products per week?<br><br>E 1s_s8_4q01==1&&1s_s8_4q11==1<br>V1 \$nonZero<br>M1 Amount Must be greater than zero | NUMERIC: INTEGER<br>1s_s8_4q12<br><br>----- |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|

SECTION 8.4: MILK, EGG PRODUCTION AND ANIMAL POWER የወተትና እንቁላል ምርት / 8.6 PRODUCTION ምርት

SECTION 8.4. EGG PRODUCTION የእንቁላል ምርት

E @rowcode==11

|                                                                                                                                                                                      |                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 13.For the last 12 months,did the holder own and keep%rosteritle%?<br><br>E 1s_s8_4q13==1<br>V1 \$zeroOrMore<br>M1 Amount must be zero or more                                       | SINGLE-SELECT<br>1s_s8_4q13<br>01 <input type="radio"/> YES<br>02 <input type="radio"/> NO |
| 14.Among these hens, how many clutching periods did a%rosteritle% have on average in the last 12 months?<br><br>E 1s_s8_4q13==1<br>V1 \$zeroOrMore<br>M1 Amount must be zero or more | NUMERIC: INTEGER<br>1s_s8_4q14<br><br>-----                                                |
| 15.How many eggs did a%rosteritle% lay on average in the last clutching period?<br><br>E 1s_s8_4q13==1<br>V1 \$zeroOrMore<br>M1 Amount must be zero or more                          | NUMERIC: INTEGER<br>1s_s8_4q15<br><br>-----                                                |
| 16.How many egg laying%rosteritle%did this holder have in the past 3 months?<br><br>E 1s_s8_4q13==1<br>V1 \$zeroOrMore<br>M1 Amount Must be zero or more                             | NUMERIC: INTEGER<br>1s_s8_4q16<br><br>-----                                                |
| 17.Did this holder sell the %rosteritle% eggs in the last 3 months?<br><br>E 1s_s8_4q13==1                                                                                           | SINGLE-SELECT<br>1s_s8_4q17<br>01 <input type="radio"/> YES<br>02 <input type="radio"/> NO |
| 18.How many of the%rosteritle% eggs produced did you sell in the last 3 months?<br><br>E 1s_s8_4q13==1&&1s_s8_4q17==1<br>V1 \$nonZero<br>M1 Amount Must be greater than zero         | NUMERIC: INTEGER<br>1s_s8_4q18<br><br>-----                                                |
| 19.How much has this holder earned by selling%rosteritle% eggs in the past 3 months?<br><br>E 1s_s8_4q13==1&&1s_s8_4q17==1<br>V1 \$nonZero<br>M1 Amount must be greater than zero    | NUMERIC: INTEGER<br>1s_s8_4q19<br><br>-----                                                |

SECTION 8.4: MILK, EGG PRODUCTION AND ANIMAL POWER የወተትና እንቁላል ምርት / 8.6 PRODUCTION ምርት

SECTION 8.4: ANIMAL POWER

E @rowcode==1 | @rowcode==2 | @rowcode==3 | @rowcode==4 | @rowcode==5 | @rowcode==9 | @rowcode==13 | @rowcode==14 | @rowcode==15



SECTION 7B: MISC. HOUSEHOLD QUESTIONS አገልግሎት ጥያቄዎች

E // Enable only for ag households saq15.InList(1,3)

|                                                                                                                                                                                                |                                                                              |       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-------|
| 1. During the last 12 months, did you or any member of your household pay any rural land use fee and agricultural income tax?                                                                  | SINGLE-SELECT<br>01 <input type="radio"/> YES<br>02 <input type="radio"/> NO | s7bq1 |
| 2. How much rural land use fee and agricultural income tax did your household pay in total during the last 12 months?<br><br>E s7bq1==1<br>V1 \$zeroOrMore<br>M1 Value must be zero or greater | NUMERIC: INTEGER<br><br>-----                                                | s7bq2 |
| 3. During the last 12 months, did you or any member of your household pay any tax on your livestock?                                                                                           | SINGLE-SELECT<br>01 <input type="radio"/> YES<br>02 <input type="radio"/> NO | s7bq3 |
| 4. How much livestock tax did your household pay in total during the last 12 months?<br><br>E s7bq3==1<br>V1 \$zeroOrMore<br>M1 Value must be zero or greater                                  | NUMERIC: INTEGER<br><br>-----                                                | s7bq4 |

## ENUMERATORS' INFORMATION

|                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |
|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 1.Full name of the enumerator.                                | TEXT<br>.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | eiq01 |
| 2.Gender of the enumerator?                                   | SINGLE-SELECT<br>01 <input type="radio"/> MALE<br>02 <input type="radio"/> FEMALE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | eiq02 |
| 3.How old is the enumerator? In full YEARS                    | NUMERIC: INTEGER<br>.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | eiq03 |
| 4.What is the enumerator's education level?                   | SINGLE-SELECT<br>00 <input type="radio"/> K.G, 0 grade (preparatory),<br>Nursery, or 1st grade though<br>cannot read and write<br>01 <input type="radio"/> Non educated/ illiterate<br>02 <input type="radio"/> Educated in Informal Schools<br>03 <input type="radio"/> 1st grade<br>04 <input type="radio"/> 2nd grade<br>05 <input type="radio"/> 3rd grade<br>06 <input type="radio"/> 4th grade<br>07 <input type="radio"/> 5th grade<br>08 <input type="radio"/> 6th grade<br>09 <input type="radio"/> 7th grade<br>10 <input type="radio"/> 8th grade<br>11 <input type="radio"/> 9th grade (Old Curriculum)<br>12 <input type="radio"/> 10th grade (Old Curriculum)<br>13 <input type="radio"/> 11th grade (Old Curriculum)<br>14 <input type="radio"/> 12th grade and have taken<br>ESLC exam and passed the<br>exam or not passed ( (Old<br>Curriculum))<br>15 <input type="radio"/> Above 12 such as Certificate<br>,Diploma,Degree etc.<br><br><a href="#">And 7 other symbols [9]</a> | eiq04 |
| 5. What was the previous employment status of the enumerator? | SINGLE-SELECT<br>01 <input type="radio"/> Public employee<br>02 <input type="radio"/> Private employee<br>03 <input type="radio"/> Self-employment<br>04 <input type="radio"/> Never employed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | eiq05 |
| 6.The enumerator telephone number.                            | TEXT<br>.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | eiq06 |



## APPENDIX A — VALIDATION CONDITIONS AND MESSAGES

[1] [s1q05: 5. Is <font color="blue">%rosteritle%</font>the holder for this questionnaire?](#)

Validation Condition:

```
// This checks if there is only one holder for this questionnaire
// Check that all information has been filled
hroster.All(x=>x.s1q05!=null) ?
// If all information has been filled out, check for only 1 head
hroster.Count(x=>x.s1q05==1)==1 :
// Otherwise, check if there is one depending on what they
// select
((self==1 && hroster.Count(x=>x.s1q05==1)==1) || self>1)
```

Validation Message: This questionnaire will be completed for one holder

APPENDIX B — INSTRUCTIONS

[1] s1q01: 1. NAME <br><br>MAKE A COMPLETE LIST OF ALL INDIVIDUALS WHO NORMALLY LIVE AND EAT THEIR MEALS TOGETHER IN THIS HOUSEHOLD, STARTING WITH THE HEAD OF HOUSEHOLD. 1.<font color="purple">ሀገራችን ውስጥ የሚገኙትን ሁሉም ሰዎች ይጻፉ</font>  
INTERVIEWER FIRST: -LISTS OF ALL MEMBERS FROM THE ESS WAVE 4 IS PREFILLED IN THE CAPI. -KEEP THE SAME NAME AS PREFILLED FROM WAVE 4 . THESE HOUSEHOLD MEMBERS WILL REMAIN IN THE LIST EVEN IF THE MEMBER ARE NO LONGER LIVES IN THE HOUSEHOLD OR IS DECEASED. SECOND: AFTER ASKING ABOUT ALL ESS WAVE 4 MEMBERS, THEN ADD NEW MEMBERS: "Now, please give me the names of other 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.

## APPENDIX C — CATEGORIES

[1] [YesNo](#)

Categories: 1: YES, 2: NO

[2] [MONTH](#)

Categories: 1: SEPTEMBER, 2: OCTOBER, 3: NOVEMBER, 4: DECEMBER, 5: JANUARY, 6: FEBRUARY, 7: MARCH, 8: APRIL, 9: MAY, 10: JUNE, 11: JULY, 12: AUGUST, 13: PAGUME

[3] [YesNoNA](#)

Categories: 1: YES, 2: NO, 3: NOT APPLICABLE

[4] [YESNODK](#)

Categories: 1: Yes, 2: No, 3: Don't Know

[5] [NETWORK](#)

Categories: 1: AGRICULTURAL COOPERATIVE/union/association, 3: GOVERNMENT AGENCY, 4: SAVINGS & CREDIT COOPERATIVE, 5: LOCAL MARKET, 6: MAIN MARKET, 7: RELATIVE, 8: FRIEND/NEIGHBOR, 9: PRIVATE MICROFINANCE INSTITUTE, 10: NGO, 11: ROADSIDE, 12: From Own source, 99: OTHER (SPECIFY)

[6] [CropCode](#)

Categories: 1: 1. BARLEY, 2: 2. MAIZE, 3: 3. MILLET, 4: 4. OATS, 5: 5. RICE, 6: 6. SORGHUM, 7: 7. TEFF, 8: 8. WHEAT, 9: 9. Mung Bean or MASHO, 10: 10. CASSAVA, 11: 11. CHICKPEAS, 12: 12. HARICOT BEANS, 13: 13. HORSE BEANS, 14: 14. LENTILS, 15: 15. FIELD PEAS, 16: 16. VETCH, 17: 17. GIBTO, 18: 18. SOYA BEANS, 19: 19. RED KIDNEY BEANS, 20: 20. FENNEL, 21: 21. CASTOR BEANS, 22: 22. COTTON SEED, 23: 23. LINE SEED, 24: 24. GROUND NUTS, 25: 25. NUG or NIGER SEED, 26: 26. RAPE SEED, 27: 27. SESAME, 28: 28. SUNFLOWER, 30: 30. SAVORY or ROSEMARY, 31: 31. BLACK CUMIN, 32: 32. BLACK PEPPER, 33: 33. CARDAMON, 34: 34. CHILIES, 35: 35. CINNAMON, 36: 36. FENUGREEK, 37: 37. GINGER, 38: 38. RED PEPPER, 39: 39. TURMERIC, 40: 40. WHITE CUMIN, 41: 41. APPLES, 42: 42. BANANAS, 43: 43. GRAPES, 44: 44. LEMONS, 45: 45. MANDARINS, 46: 46. MANGOS, 47: 47. ORANGES, 48: 48. PAPAYA, 49: 49. PINEAPPLES, 50: 50. CITRUS, 51: 51. BEERROOT, 52: 52. CABBAGE, 53: 53. CARROT, 54: 54. CAULIFLOWER, 55: 55. GARLIC, 56: 56. KALE, 57: 57. LETTUCE, 58: 58. ONION, 59: 59. GREEN PEPPER, 60: 60. POTATOES, 61: 61. PUMPKINS, 62: 62. SWEET POTATO, 63: 63. TOMATOES, 64: 64. GODERE, 65: 65. GUAVA, 66: 66. PEACH, 67: 67. MUSTARD, 68: 68. FETO, 69: 69. SPINACH, 70: 70. GREEN BEANS, 71: 71. CHAT, 72: 72. COFFEE, 73: 73. COTTON, 74: 74. ENSET, 75: 75. GESHO, 76: 76. SUGARCANE, 77: 77. TEA, 78: 78. TOBACCO, 79: 79. CORIANDER, 80: 80. SACRED BASIL, 81: 81. RUE, 82: 82. GISHITA, 83: 83. WATERMELON, 84: 84. AVOCADOS, 85: 85. GRAZING LAND, 98: 98. OTHER ROOT CROP, 99: 99. OTHER LAND USE, 108: 108. AMBOSHIKA, 110: 110. GIRAMTA, 112: 112. KAZMIR, 113: 113. STRAWBERRY, 114: 114. SHIFERAW, 115: 115. OTHER FRUITS, 116: 116. TIMIZ KIMEM, 117: 117. OTHER SPICES, 118: 118. OTHER PULSES, 119: 119. OTHER OILS, 120: 120. OTHER CEREAL, 123: 123. OTHER VEGETABLE

[7] [saq16: 16. What is the holder's education Level?](#)

Categories: 0: K.G, 0 grade (preparatory), Nursery, or 1st grade though cannot read and write, 1: Non educated/ illiterate, 2: Educated in Informal Schools, 3: 1st grade, 4: 2nd grade, 5: 3rd grade, 6: 4th grade, 7: 5th grade, 8: 6th grade, 9: 7th grade, 10: 8th grade, 11: 9th grade (Old Curriculum), 12: 10th grade (Old Curriculum), 13: 11th grade (Old Curriculum), 14: 12th grade and have taken ESLC exam and passed the exam or not passed (Old Curriculum), 15: Above 12 such as Certificate, Diploma, Degree etc., 16: 9th grade (New Curriculum), 17: 10th grade, passed the exam or not (New Curriculum), 18: 10th grade and studying at vocational and technical schools (New Curriculum), 19: technical and vocational course (New Curriculum), 20: 11th grade (New Curriculum), 21: 12th grade (New Curriculum), 22: 1 year course in bachelor degree or level 4 program (OLD Curriculum)

[8] [saq21: 21. Branch code](#)

Categories: 1: Adama, 2: Addis Ababa, 3: Ambo, 4: Arbaminch, 5: Asayita, 6: Assosa, 7: Bahirdar, 8: Chiro, 9: Debrebirhan, 10: Dessie, 11: Dire Dawa, 12: Gambela, 13: Goba, 14: Gondar, 15: Harar, 16: Hawassa, 17: Hossana, 18: Jigjiga, 19: Jimma, 20: Mekele, 21: Mizan Teferi, 22: Negele, 23: Nekemite, 24: Shire, 25: Sodo

[9] [eiq04: 4. What is the enumerator's education level?](#)

Categories: 0: K.G, 0 grade (preparatory), Nursery, or 1st grade though cannot read and write, 1: Non educated/ illiterate, 2: Educated in Informal Schools, 3: 1st grade, 4: 2nd grade, 5: 3rd grade, 6: 4th grade, 7: 5th grade, 8: 6th grade, 9: 7th grade, 10: 8th grade, 11: 9th grade (Old Curriculum), 12: 10th grade (Old Curriculum), 13: 11th grade (Old Curriculum), 14: 12th grade and have taken ESLC exam and passed the exam or not passed (Old Curriculum), 15: Above 12 such as Certificate, Diploma, Degree etc., 16: 9th grade (New Curriculum), 17: 10th grade, passed the exam or not (New Curriculum), 18: 10th grade and studying at vocational and technical schools (New Curriculum), 19: technical and vocational course (New Curriculum), 20: 11th grade (New Curriculum), 21: 12th grade (New Curriculum), 22: 1 year course in bachelor degree or level 4 program (OLD Curriculum)

Legend and structure of information in this file

| Name of section                                                                                                                                                                                                                                                                                                        |                                 | Type of question, scope                                                                                                                                                                                                                                              |  | Variable name        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------|
| Enabling condition for this section                                                                                                                                                                                                                                                                                    | Question title                  | Answer options                                                                                                                                                                                                                                                       |  |                      |
| E s4_other_sources_which.Contains(98)                                                                                                                                                                                                                                                                                  | SECTION 5: OTHER INCOME SOURCES |                                                                                                                                                                                                                                                                      |  |                      |
| Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur?                                                                                                                                                                                                                 |                                 | MULTI-SELECT<br>SCOPE: PREFILLED                                                                                                                                                                                                                                     |  | s4_rel_leaders_other |
| I This refers to family relations<br>E s3_time_other > 0<br>V1 s4_rel_leaders_which.Contains(98)<br>M1 Can not be itself<br>V2 (s3_time_other_breeding_advice <= (50 - s3_time_art_insem_advice))    s3_time_other_breeding_advice == 0<br>M2 This person is not in the list<br>F optioncode != s5_ignored_option_code |                                 | 01 <input type="checkbox"/> Community animal health workers<br>02 <input type="checkbox"/> Private<br>03 <input type="checkbox"/> Government<br>04 <input type="checkbox"/> Livestock keepers association<br>05 <input type="checkbox"/> NGO<br><br>And 5 other [13] |  |                      |
| Additional information:<br>"I" – Question instruction<br>"E" – Enabling condition<br>"V1" – Validation condition №1<br>"M1" – Message for validation №1<br>"F" – Filter in Categorical questions                                                                                                                       |                                 | Link to full set in appendix                                                                                                                                                                                                                                         |  |                      |

| Breadcrumbs                                                                     |                         |
|---------------------------------------------------------------------------------|-------------------------|
| Type or roster                                                                  | Roster Title            |
| CHAPTER 3 IDENTIFICATION /<br>Roster:<br>generated by fixed list:               | LEADER RELATION DETAILS |
| 01 Ward Livestock Officer<br>02 Village Livestock Officer<br>99 Other (specify) |                         |
| List items                                                                      |                         |