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PH ESS 5 Final

SURVEY IDENTIFICATION INFORMATION QUESTIONNAIRE DESCRIPTION

SECTION A: COVER

No sub-sections, No rosters, Questions: 24.

SECTION 1: HOUSEHOLD ROSTER

No sub-sections, Rosters: 1, Questions: 6.

SECTION 9 AND 10:CROP HARVEST BY FIELD

No sub-sections, Rosters: 3, Questions: 68, Static texts: 11.

SECTION 11: CROP DISPOSITION (CEREALS, GRAINS, LEGUMES, OILSEEDS, PERMANENT, ROOT CROPS AND VEGETABLES)

Sub-sections: 2, Rosters: 1, Questions: 54, Static texts: 56.

APPENDIX A — ENABLING CONDITIONS

APPENDIX B — VALIDATION CONDITIONS AND MESSAGES

APPENDIX C — CATEGORIES

LEGEND

SURVEY IDENTIFICATION INFORMATION QUESTIONNAIRE DESCRIPTION

Basic information

Title PH ESS 5 Final

SECTION A: COVER

| 1. Region | SINGLE-SELECT | saq01 |
|----------------------|--|--------------|
| eg.e | SCOPE: IDENTIFYING 01 O Tigray | |
| | 02 O Afar | |
| | 03 O Amhara | |
| | 04 O Oromia | |
| | 05 O Somalia | |
| | | |
| | 06 O Benishangul-gumuz 07 O SNNPR | |
| | 12 O Gambella | |
| | 13 O Hareri | |
| | 14 O Addis Ababa | |
| | | |
| | 15 O Diredawa | |
| | 16 O Outside Ethiopia 17 O Sidama | |
| | | |
| | 18 O South Western Region | |
| 2a. Zone | TEXT SCOPE: IDENTIFYING | saq02a |
| | | . |
| 2b. Zone Name | TEXT SCOPE: IDENTIFYING | saq02b |
| | | <u>-</u> |
| 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 |
| | <u>-</u> | |

SECTION A: COVER

| 7a. Enumeration Area | TEXT SCOPE: IDENTIFYING | saq07a |
|------------------------------------|--|--------|
| | | |
| 7b. Enumeration Area | TEXT SCOPE: IDENTIFYING | saq07b |
| | | |
| 8. Household ID | NUMERIC: INTEGER SCOPE: IDENTIFYING | saq08 |
| | | |
| 9.Holder ID | NUMERIC: INTEGER SCOPE: IDENTIFYING | saq09 |
| | | |
| 10.Household Head Name | TEXT | saq10 |
| | | |
| 11.Holder Name | TEXT | saq11 |
| | - | |
| 13.Village name | TEXT | saq13 |
| | | |
| 14. Rural/Urban | SINGLE-SELECT SCOPE: IDENTIFYING 01 O Rural 02 O Urban | saq14 |
| 15. What is the holder's farm type | SINGLE-SELECT | saq15 |
| | 01 O Crop | |
| | 02 O Livestock | |
| | 03 O Both | |
| | 04 O None | |

SECTION A: COVER 4 / 51

| | 16. What is the holder's education Level? | SINGLE-SELECT 00 O kindergarten, 0 grade, nursery, 01 O 1st grade 02 O 2nd grade 03 O 3rd grade 04 O 4th grade 05 O 5th grade 06 O 6th grade 07 O 7th grade 08 O 8th grade 09 O 9th grade (old Curriculum) 10 O 10th grade (old Curriculum) 11 O 11th grade (old Curriculum) 12 O 12th grade + 1 (certificate) (old Curriculum) 13 O 12th grade + 1 (certificate) (old Curriculum) 14 O teacher training certificate (old Curriculum) 15 O 1st year college (old Curriculum) | saq16 |
|----------|--|--|--------|
| | 17. Interviewer Name | And 26 other symbols [4] TEXT | saq17 |
| | 18. Supervisor Name | ТЕХТ | saq18 |
| | 19. GPS coordinates of the dwelling | GPS | saq19 |
| | <pre>// accept only readings with +/-15 meter accuracy or les s self.Accuracy<=30 The GPS reading is not precise enough. Please take another reading.</pre> | N W | |
| | 20. INTERVIEWER: Please record the date of the interview. | DATE: CURRENT TIME Intervi | ewDate |
| V1 M1 | \$interviewdate The date recorded does not fall within the time of fieldwork. Please che ck the current date was recorded correctly. | | |

SECTION A: COVER 5 / 51

| 21. Branch code | SINGLE-SELECT SCOPE: IDENTIFYING | saq21 |
|-----------------|-------------------------------------|-------|
| | 01 O Adama | |
| | 02 O Addis Ababa | |
| | 03 O Ambo | |
| | 04 O Arbaminch | |
| | 05 O Asayita | |
| | 06 O Assosa | |
| | 07 O Bahirdar | |
| | 08 O Chiro | |
| | 09 O Debrebirhan | |
| | 10 O Dessie | |
| | 11 O Diredawa | |
| | 12 O Gambela | |
| | 13 O Goba | |
| | 14 O Gondar | |
| | 15 O Harar | |
| | 16 O Hawassa | |
| | And 9 other symbols [8] | |

SECTION A: COVER 6 / 51

SECTION 1: HOUSEHOLD ROSTER

| | 1. NAME | LIST \$1q0 | 01 |
|----|---|---|----------|
| | MAKE A COMPLETE LIST OF ALL INDIVIDUALS WHO NORMALLY LIVE AND EAT THEIR MEALS TOGETHER IN THIS HOUSEHOLD, STARTING WITH THE HEAD OF HOUSEHOLD. | | |
| | SECTION 1: HOUSEHOLD ROSTER Roster: HOUSEHOLD ROSTER %ROSTERTITLE% generated by list question s1q01 | hhrost | er |
| | PP_memberID | NUMERIC: INTEGER pp_p* SCOPE: HIDDEN | id |
| | | | _ |
| | 2. How old is %rostertitle%YEARS | NUMERIC: INTEGER \$1q0 | 02 |
| | FOR HOUSEHOLD MEMBERS AGED 98 AND ABOVE PLEASE RECORD 9 8 // age range self.InRange(0,98) | | |
| M1 | የቤተሰብ አብል አድሞ ከ 98 በላይ መሆን የዘበትም | | |
| | 3. What is the gender of %rostertitle%? | SINGLE-SELECT S1q0 01 O MALE 02 O FEMALE | 03 |
| | 4. What is %rostertitle% farm holding type? IF HOLDER IS LESS THAN 10 YEARS OLD, SKIP TO NEXT HOUSEHOLD MEMBER. | SINGLE-SELECT S1q0 01 O Crop 02 O Livestock | <u> </u> |
| E | s1q02>=10 && pp_pid !=null | 03 O Both 04 O None | |
| | 5. Is %rostertitle%the holder for this questionnaire? | SINGLE-SELECT S1q0 01 O YES 02 O NO | <u> </u> |
| Е | ENUMERATOR: EACH HOLDER IN THE HOUSEHOLD WILL COMPLETE A SEPARATE AG QUESTIONNAIRE s1q04.InList(1,2,3) && pp_pid !=null // This checks if there is only one holder for this questionnaire // Check that all information has been filled | 02 O NO | |
| M1 | hhroster.All(x=>x.s1q05!=null) ? // If all information h as been filled out, check fo And 183 other symbols [1] EACH HOLDER IN THE HOUSEHOLD WILL COMPLETE A SEPARATE AG QUESTIONNAIRE | | |

SECTION 1: HOUSEHOLD ROSTER 7/51

SECTION 9 AND 10:CROP HARVEST BY FIELD

| Parcel Name | LIST ParcelName1 |
|--|---|
| | |
| SECTION 9 AND 10:CROP HARVEST BY FIELD Roster: PARCEL NAME- %ROSTERTITLE% generated by list question ParcelName1 | ParcelRoster |
| Field Name | LIST FieldName |
| | |
| SECTION 9 AND 10:CROP HARVEST BY FIELD / PARCEL NAME- %ROSTERT Roster: FIELD NAME - %ROSTERTITLE% generated by list question FieldName | ITLE% FieldRoster |
| 1. What crop(s) is planted on Field in this current agricultural season? | LIST \$9900a |
| | |
| SECTION 9 AND 10:CROP HARVEST BY FIELD / PARCEL NAME- %ROSTERT Roster: SECTION 9 AND 10. CROP HARVEST BY FIgenerated by list question s9q00a saq15.InList(1,3) | |
| PP pre-filled parcel ID | NUMERIC: INTEGER Parcel_id_pp SCOPE: HIDDEN |
| | |
| PP pre-filled field ID | NUMERIC: INTEGER Field_id_pp SCOPE: HIDDEN |
| | |
| PP pre-filled crop ID | NUMERIC: INTEGER Crop_id_pp SCOPE: HIDDEN |
| | |

SECTION 9 AND 10:CROP HARVEST BY FIELD 8 / 51

| 1.Crop Code from PP | SINGLE-SELECT: COMBO BOX SCOPE: HIDDEN | s9q00b_p |
|---|---|----------|
| | 001 O 01 7-11ħ | |
| | 002 O 02 n44. | |
| | 003 O 03 gr-ń | |
| | 004 O 04 AM | |
| | 005 О 05 _{4 н} | |
| | 006 🔾 06 مريم | |
| | 007 O 07 m s | |
| | 008 O 08 ሰንዴ | |
| | 009 🔿 مرېز | |
| | 010 🔾 10 กุกุกั | |
| | 011 O 11 አምብራ | |
| | 012 O 12 na e | |
| | 013 O 13 _{n=4} | |
| | 014 O 14 5 AC | |
| | 015 O 15 k+C | |
| | 016 O 16 ay | |
| | And 86 other symbols [9] | |
| 2.What type of %rostertitle% stand was on field | SINGLE-SELECT | s9q02_p |
| ? 2. %rostertitle% መ ሰው የተሸፈነው በአንድ ዓይነት ነው ውይስ በድብልቅ? | SCOPE: HIDDEN 01 O በልንድ ዓይነት ሰብል | |
| HEAIST. | 02 О пе-паф | |
| 1.Crop code of%rostertitle% | SINGLE-SELECT: COMBO BOX | s9q00 |
| ' | 001 O 1.BARLEY | |
| self==s9q00b_pp | 002 O 2.MAIZE | |
| The crop code used in PP is diffrent from the crop code recorded here | 003 O 3.MILLET | |
| | 004 O 4.OATS | |
| | 005 O 5.RICE | |
| | 006 O 6.SORGHUM | |
| | 007 O 7.TEFF | |
| | 008 O 8.WHEAT | |
| | 009 O 9.Mung Bean or MASHO | |
| | 010 O 10.CASSAVA | |
| | 011 O 11.CHICKPEAS | |
| | 012 O 12.HARICOTBEANS | |
| | 013 O 13.HORSE BEANS | |
| | 014 O 14.LENTILS | |
| | 015 O 15.FIELDPEAS | |
| | 016 O 16.VETCH | |
| | And 82 other symbols [3] | |
| | Arid 82 other symbols [5] | |

SECTION 9 AND 10:CROP HARVEST BY FIELD 9 / 51

| V1 M1 | 2.What type of %rostertitle% stand was on field? self==s9q02_pp type of crop stand reported in pp is diffrent from what is recorded now. | SINGLE-SELECT S9 01 O PURE STAND 02 O MIXED STAND | 9q02 |
|----------|---|---|------|
| IVII | type of crop stand reported in pp is difficult from what is recorded now. | | |
| | 3.Approximately, how much of the field was planted with %rostertitle%? | NUMERIC: INTEGER \$9 | 9q03 |
| | | | |
| E | Percent s9q02==2 | | |
| V1 | \$Percentages | | |
| M1 | Percentage must be between 0 and 100 | | |
| | 4. Have you harvested any of the %rostertitle % | SINGLE-SELECT \$9 | 9q04 |
| | from this [FIELD]? | 01 O YES | |
| | | 02 O NO | |
| I | for permanent crop harvested between March 10, 2021 to March 9, 20 22 | | |
| | 5a.How much%rostertitle%have you harvested from this [FIELD]? Quantity | NUMERIC: INTEGER \$90 | q05a |
| | • | | _ |
| Ε | s9q04==1 | | - |

E s9q05a > 0

Unit CODE PICTURE 1



STATIC TEXT

E s9q05a > 0

Unit CODE PICTURE 2



STATIC TEXT

E s9q05a > 0

Unit CODE PICTURE 3

SECTION 9 AND 10:CROP HARVEST BY FIELD 10/51



 $E \ s9q05a > 0$

Unit CODE PICTURE 4



STATIC TEXT

 $E \ s9q05a > 0$

Unit CODE PICTURE 5



STATIC TEXT

 $E ext{ s9q05a} > 0$

Unit CODE PICTURE 6



STATIC TEXT

 $E \ s9q05a > 0$

SECTION 9 AND 10:CROP HARVEST BY FIELD 11/51

Unit CODE PICTURE 7



STATIC TEXT

 $E \ s9q05a > 0$

Unit CODE PICTURE 8



| 5b.%rostertitle%Unit | SINGLE-SELECT | s9q05l |
|----------------------|---|-------------|
| s9q05a!=0&&s9q04==1 | 001 O Kilogram | |
| | 002 O Gram | |
| | 003 O Quntal | |
| | 004 O Litres | |
| | 005 O Centilitres | |
| | 006 O Box | |
| | 007 O Jenbe | |
| | 008 O Jog | |
| | 009 O Melekiya | |
| | 021 O Akumada(Dawela) Lekota (small) | |
| | 022 O Akumada(Dawela) Lekota (large) | |
| | 031 O Birchiko (Small) | |
| | 032 O Birchiko (Medium) | |
| | 033 O Birchiko (Large) | |
| | 041 O Zelela (Small) | |
| | 042 O Zelela (Medium) | |
| | And 46 other symbols [7] | |
| 5b_os.Other specify | TEXT | s9q05b_othe |
| s9q05b==900 | | |

SECTION 9 AND 10:CROP HARVEST BY FIELD 12 / 51

| 6.RECORD THE ESTIMATE OF %rostertitle% HARVEST GIVEN IN Q4 IN KILOGRAMS. | NUMERIC: INTEGER | s9q06 |
|---|---|-------------|
| E s9q04==1&&s9q05b!=1 | | |
| 7.Mainly what is the current condition of this harvest %rostertitle%? E s9q04==1 | SINGLE-SELECT 01 O PICKED / taking out from hole (eg. COFFEE/Chat/Godere) 02 O CUT (BUT NOT YET PILED) 03 O PILED/UNSHELLED/NOT YET THRESHED 04 O SHELLED/THRESHED 05 O OTHER (SPECIFY | s9q07 |
| 7_os.Other specify | ТЕХТ | s9q07_other |
| E s9q07==5 | | |
| 8a.What were the months when the harvest started for %rostertitle%? E s9q04==1 | SINGLE-SELECT 01 O SEPTEMBER 02 O OCTOBER 03 O NOVEMBER 04 O DECEMBER 05 O JANUARY 06 O FEBRUARY 07 O MARCH 08 O APRIL 09 O MAY 10 O JUNE 11 O JULY 12 O AUGUST 13 O PAGUME | s9q08a |
| 8b.What were the months when the harvest ended for %rostertitle%? E s9q04==1 | SINGLE-SELECT 01 O SEPTEMBER 02 O OCTOBER 03 O NOVEMBER 04 O DECEMBER 05 O JANUARY 06 O FEBRUARY 07 O MARCH 08 O APRIL 09 O MAY 10 O JUNE 11 O JULY 12 O AUGUST 13 O PAGUME | s9q08b |

SECTION 9 AND 10:CROP HARVEST BY FIELD 13 / 51

| | 9.Who in your household makes the decisions concnering the use of%rostertitle% output from [FIELD]? | MULTI-SELECT: LINKED SOURCE OF CATEGORIES: TEXT LIST QUESTION \$1001 | s9q09 |
|---|---|--|--------------|
| Е | s9q04==1 | | |
| | 10.Was the area %rostertitle% harvested less than the area planted? | SINGLE-SELECT 01 O YES | s9q10 |
| Ε | s9q04==1 | 02 O NO | |
| | 11.What percentage of the area %rostertitle%planted has been harvested? | NUMERIC: INTEGER | s9q11 |
| E | s9q04==1&&s9q10==1 | | |
| | 12.Why was the area %rostertitle%harvested less than the area planted? | MULTI-SELECT 01 DROUGHT | s9q12 |
| Ε | s9q04==1&&s9q10==1 | 02 RAINS 03 FIRE | |
| | | 04 ☐ INSECTS 05 ☐ ANIMALS | |
| | | 06 CROP THEFT | |
| | | 07 NOT READY/NOT FINISHED | |
| | | 08 OTHER(SPECIFY) | |
| | 12_os.Other specify | TEXT | s9q12_other |
| | AA 27A6 | | - |
| E | s9q12.Contains(8) | | |
| | 13.Was there any crop damage on %rostertitle%? | SINGLE-SELECT 01 O YES 02 O NO | s9q13 |
| | | NO | |

SECTION 9 AND 10:CROP HARVEST BY FIELD 14 / 51

| | 14.What was the main cause of the damage on | SINGLE-SELECT | s9q14 |
|----|--|--|----------------|
| | %rostertitle%? | 01 O TOO MUCH RAIN | |
| _ | c0c121 | 02 O TOO LITTLE RAIN | |
| E | s9q13==1 | 03 O INSECTS | |
| | | 04 O CROP DISEASE | |
| | | 05 O WEEDS | |
| | | 06 O HAIL. | |
| | | 07 O FLOODS | |
| | | 08 O FROST | |
| | | 09 O WILD ANIMALS | |
| | | 10 O LOCUST | |
| | | 11 O BIRDS | |
| | | 12 O SHORTAGE OF SEEDS | |
| | | 13 O DEPLETION OF SOIL FERTILITY | |
| | | 14 O SECURITY PROBLEMS | |
| | | 15 O SPOILED SEEDS | |
| | | 16 O OTHER (SPECIFY) | |
| | · | | 0.14 |
| | 14_os.Other specify | TEXT | s9q14_other |
| Ε | s9q14==16 | | |
| | 15.What is the percentage of damage on | NUMERIC: INTEGER | s9q15 |
| | %rostertitle%? | | |
| Ε | s9q13==1 | | |
| | STATIC TEXT | | |
| | For the harvesting and threshing of [CROP] from this %rost women and children? (If no hired men ,women and childre ACTIVITIES RECORD 0 IF NONE HIRED | ertitle%, how many days did your household hire m n record ("0")) DO NOT INCLUDE ANY LAND PREP/\ | en, NEEDING |
| | 1a.Hired Men on%rostertitle%(Number of Men) | NUMERIC: INTEGER | s10q01a |
| | | | |
| | | | |
| | 1b.Hired Men%rostertitle%(Number of Days) | NUMERIC: INTEGER | s10q01b |
| F | s10q01a !=0 | | |
| | self>0 | | |
| M1 | Value can't be zero | | |
| | 1c.Hired Men%rostertitle%(Total Daily Wage | NUMERIC: INTEGER | s10q01c |
| | BIRR) | | |
| F | s10q01a !=0 | | |
| W1 | self.InRange(25,500) | | |
| M1 | Daily wage for one person seems unreasonable and please check | | |

SECTION 9 AND 10:CROP HARVEST BY FIELD 15 / 51

| | 1c2.How much in total have you paid for all hired Men laborers worked for the harvesting and threshing of from %rostertitle% in this | NUMERIC: INTEGER | s10q01c2 |
|----------|--|------------------|----------|
| | [FIELD]? (Total amount paid for all hired men worked in this field) | | |
| | s10q01c !=0 self > 25 | | |
| | Wage paid for the hired labor seems too low and please check and cor rect | | |
| | 1d.Hired Women%rostertitle%(Number of Women) | NUMERIC: INTEGER | s10q01d |
| | | | |
| | 1e.Hired Women%rostertitle%(Number of Days) | NUMERIC: INTEGER | s10q01e |
| E | s10q01d !=0 | | |
| V1 | self >0 | | |
| M1 | Value can't be zero | | |
| | 1f.Hired Women%rostertitle%(Total Daily Wage BIRR) | NUMERIC: INTEGER | s10q01f |
| | · | | |
| | s10q01d !=0 self.InRange(25,500) | | |
| M1 | Daily wage for one person seems unreasonable and please check | | |
| | 1f2.How much in total have you paid for all hired Women laborers worked for the harvesting and threshing of from %rostertitle% in this [FIELD]? (Total amount paid for all hired Women worked in this field) | NUMERIC: INTEGER | s10q01f2 |
| E | s10q01d !=0 | | |
| W1 M1 | self >=25 Wage paid for the hired labor seems too low and please check and cor | | |
| IVI I | rect | | |
| | 1g.Hired Children%rostertitle%(Number of Children) | NUMERIC: INTEGER | s10q01g |
| | | | |
| | 1h.Hired Children%rostertitle%(Number of Days) | NUMERIC: INTEGER | s10q01h |
| _ | s10q01g !=0 | | |
| V1 | self>0 | | |
| M1 | Value can't be zero | | |
| | 1i.Hired Children%rostertitle%(Total Daily Wage BIRR) | NUMERIC: INTEGER | s10q01i |
| E | s10q01g !=0 | | |
| W1 M1 | self.InRange(25,500) Daily wage for one person seems unreasonable and please check | | |
| IVI I | The state of the person seems unleasonable and please theth | | |

SECTION 9 AND 10:CROP HARVEST BY FIELD 16 / 51

| | 1i2.How much in total have you paid for all hired Children laborers worked for the harvesting and threshing of from %rostertitle% in this [FIELD]? (Total amount paid for all hired children worked in this field) | NUMERIC: INTEGER \$10 | 0q01i2 |
|----|--|-----------------------|--------|
| W1 | s10q01g !=0 self >=25 The wage rate seems too low! please check and confirm | | |
| | 2.For the current season,how many household member worked onthe harvesting and threshing of [CROP] from this %rostertitle%? | NUMERIC: INTEGER | s10q02 |

Please list for me the household members that worked for the harvesting and threshing of [CROP] from this %rostertitle%. RECORD THE ID CODES FROM THE HH ROSTER IN THE COLUMN FOR HH ROSTER ID. IF NO ONE ENGAGED IN HARVESTING, RECORD ["0"] IN ALL COLUMNS DESIGNATED FOR "ROSTER ID". IF LESS THAN 4 HH MEMBERS ENGAGED IN HARVESTING, RECORD ["0"] IN OTHER COLUMNS DESIGNATED FOR ROSTER ID. IF MORE THAN FOUR MEMBERS ENGAGED IN HARVESTING, USE ANOTHER QUESTIONNAIRE. How many weeks in total did [NAME] household member work? During those weeks, on average, how many days did [NAME] work per week? During those days, on average, how many hours did [NAME]work per day?

| | 2a.HH Member # 1 working on%rostertitle%(HH Roster ID Code # 1) | SINGLE-SELECT: LINKED SOURCE OF CATEGORIES: TEXT LIST QUESTION S1Q01 | s10q02a |
|----------|--|---|---------|
| Е | s10q02>0 | | |
| | 2b.HH Member #1 working on%rostertitle%(Weeks)? | NUMERIC: INTEGER | s10q02b |
| | | | |
| Е | s10q02>0 | | |
| V1 | \$ppweek | | |
| M1 V2 | Number of weeks for post planting can not exceed 30 weeks self>0 | | |
| M2 | Value can't be zero | | |
| | 2c.HH Member #1 working on%rostertitle%(Days/Week) | NUMERIC: INTEGER | s10q02c |
| | | | |
| Е | s10q02>0 | | |
| V1 | \$daysInWeek | | |
| | Number of days in a week must be between 1 to 7 self >0 | | |
| M2 | Value can't be zero | | |
| | 2d.HH Member #1 working on%rostertitle%(Hour/Day) | NUMERIC: INTEGER | s10q02d |
| | | | |
| Е | s10q02>0 | | |
| V1 | \$hourInDay | | |
| M1 | | | |
| V2 | urs self>0 | | |
| M2 | Value can't be zero | | |
| | 2e.HH Member #2 working on%rostertitle%(HH Roster ID Code # 2) | SINGLE-SELECT: LINKED SOURCE OF CATEGORIES: TEXT LIST QUESTION \$1001 | s10q02e |
| | on osterule of the koster in code # 2) | | |
| F | s10q02>1 | | |
| _ | • | | |

SECTION 9 AND 10:CROP HARVEST BY FIELD 17/51

| | 2f.HH Member #2 working on%rostertitle%(Weeks) | NUMERIC: INTEGER | s10q02f |
|----------|--|---|---------|
| | | | |
| E V1 | s10q02>1 \$ppweek | | |
| M1 | Number of weeks for post planting can not exceed 30 weeks sel f>0 | | |
| | Value can't be zero | | |
| | 2g.HH Member #2 working on%rostertitle%(Days/Week) | NUMERIC: INTEGER | s10q02g |
| _ | c10c03; 1 | | |
| V1 | s10q02>1 \$daysInWeek | | |
| M1 | Number of days in a week must be between 1 to 7 | | |
| V2 | self>0 | | |
| M2 | Value can't be zero | | |
| | 2h.HH Member #2 working on%rostertitle%(Hour/Day) | NUMERIC: INTEGER | s10q02h |
| F | s10q02>1 | | |
| V1 | \$hourInDay | | |
| M1 | Number of average working hours per day must be between 1 to 12 ho | | |
| V/2 | urs self>0 | | |
| | Value can't be zero | | |
| | 2i.HH Member #3 working on%rostertitle%(HH Roster ID Code # 3) | SINGLE-SELECT: LINKED SOURCE OF CATEGORIES: TEXT LIST QUESTION \$1001 | s10q02i |
| E | s10q02>2 | | |
| | 2j.HH Member #3 working on%rostertitle%(Weeks) | NUMERIC: INTEGER | s10q02j |
| F | s10q02>2 | | |
| V1 | \$ppweek | | |
| M1 | Number of weeks for post planting can not exceed 30 weeks | | |
| | self>0 | | |
| IVI∠ | Value can't be zero | | |
| | 2k.HH Member #3 working on%rostertitle%(Days/Week) | NUMERIC: INTEGER | s10q02k |
| Е | s10q02>2 | | |
| V1 | \$daysInWeek | | |
| | Number of days in a week must be between 1 to 7 | | |
| V2 M2 | self>0 Value can't be zero | | |
| | | | |
| | 2l.HH Member #3 working on%rostertitle%(Hour/Day) | NUMERIC: INTEGER | s10q021 |
| Е | s10q02>2 | | |
| V1 | \$hourInDay | | |
| M1 | Number of average working hours per day must be between 1 to 12 ho | | |
| V2 | urs self>0 | | |
| | Value can't be zero | | |
| | 2m.HH Member #4 working | SINGLE-SELECT: LINKED | s10q02m |
| | on%rostertitle%(HH Roster ID Code # 4) | SOURCE OF CATEGORIES: TEXT LIST QUESTION \$1001 | · |
| _ | s10q02>3 | | |
| E | 210405\2 | | |

SECTION 9 AND 10:CROP HARVEST BY FIELD 18 / 51

| | 2n.HH Member #4 working on%rostertitle%(Weeks) | NUMERIC: INTEGER | s10q02r |
|----------|--|------------------|---------|
| E V1 | s10q02>3 \$ppweek | | |
| | Number of weeks for post planting can not exceed 30 weeks $self>0$ | | |
| M2 | Value can't be zero | | |
| | 2o.HH Member #4 working on%rostertitle%(Days/Week) | NUMERIC: INTEGER | s10q02c |
| E | s10q02>3 | | |
| V1 | | | |
| V2 | | | |
| M2 V3 | Number of days in a week must be between 1 to 7 self>0 | | |
| М3 | Value can't be zero | | |
| | 2p.HH Member #4 working on%rostertitle%(Hour/Day) | NUMERIC: INTEGER | s10q02p |
| | s10q02>3 \$hourInDay | | |
| | Number of average working hours per day must be between 1 to 12 ho urs | | |
| | self>0 | | |
| IVIZ | Value can't be zero | | |
| | STATIC TEXT | | |
| | For the current season, how many days did men, women of the harvesting and threshing of [CROP] from this [FIELD] fro return? IF NONE, RECORD ZERO IN ALL COLUMNS | | |
| | 3a.Other HH Labour%rostertitle%(Number of Men) | NUMERIC: INTEGER | s10q03a |
| | | | |
| | 3b.Other HH Labour%rostertitle%(Men Number of Days) | NUMERIC: INTEGER | s10q03k |
| | s10q03a>0 self>0 | | |
| M1 | Value can't be zero | | |
| | 3c.Other HH Labour%rostertitle%(Number of Women) | NUMERIC: INTEGER | s10q03c |
| | | | |
| | 3d.Other HH Labour%rostertitle%(Women Number of Days) | NUMERIC: INTEGER | s10q03c |
| | s10q03c>0 | | |
| | self>0 Value can't be zero | | |
| | 3e.Other HH Labour%rostertitle%(Number of Children) | NUMERIC: INTEGER | s10q036 |
| | • | | |

SECTION 9 AND 10:CROP HARVEST BY FIELD 19 / 51

| | 3f.Other HH Labour%rostertitle%(Children Number of Days) | NUMERIC: INTEGER | s10q03f |
|----|--|--|---------|
| V1 | | | |
| M1 | Value can't be zero | | |
| | 4.For the current season, Did you use any machinary to harvest %rostertitle% | of O Yes, own machine O O Yes, Rented Machine | s10q04 |
| | | 03 O No | |
| | | 04 O Yes, free machine | |
| | 5.If rented machineray used how much have you paid for rent to harvest %rostertitle% | NUMERIC: INTEGER | s10q05 |
| | IF PAYMENT IS MADE IN KIND PLEASE RECORD THE CASH EQUIVALE NT VALUE s10q04==2 | | |
| | 5b.If it is own or for free machinery used how much have you paid for labour/oil/food/ | NUMERIC: INTEGER | s10q05b |
| | related cost to harvest %rostertitle% | | |
| | IF PAYMENT IS MADE IN KIND PLEASE RECORD THE CASH EQUIVALE NT VALUE ${\tt s10q04!=3}$ | | |
| | 6.For the current season, how much the household spend for other harvest related expenses%rostertitle% | NUMERIC: INTEGER | s10q06 |
| I | IF NO ADDITIONAL COST RECORD ZERO | | |

SECTION 9 AND 10:CROP HARVEST BY FIELD 20 / 51

SECTION 11: CROP DISPOSITION (CEREALS, GRAINS, LEGUMES, OILSEEDS, PERMANENT, ROOT CROPS AND VEGETABLES)

| Q11.00 CROP NAME | LIST | s11q00a |
|---|---|-----------|
| I FOR PERMANENT CROPS PLEASE INCLUDE CROP HARVESTED BETWEE N MARCH 10, 2021 TO MARCH 9, 2022) | | |
| SECTION 11: CROP DISPOSITION (CEREALS, GRAINS, LEGUMES, OILSEE ROSTER: CROP ROSTER - %ROSTERTITLE% generated by list question s11q00a | DS ,PERMANENT, ROOT CROPS AND VEGETABLES) | section11 |
| 1.Crop code of%rostertitle% | SINGLE-SELECT: COMBO BOX 001 | s11q00c |
| 2a1.What was the last completed production begin period for the %rostertitle%?YEAR I (IF THERE IS NO PARTICULAR PRODUCTION PERIOD, MARCH 10, 2021 | NUMERIC: INTEGER | s11q02a1 |
| TO MARCH 9, 2022) E \$11q00c.InList(10,30,31,32,33,34,35,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,74,75,76,77,78,79,80,81,82,83,84,98,108,112,113,114,115, And 12 other symbols [1] | | |

| 2a2.What was the last completed production begin period for the %rostertitle%?MONTH I (IF THERE IS NO PARTICULAR PRODUCTION PERIOD, MARCH 10, 2021 TO MARCH 9, 2022) E s1lq00c.InList(10,30,31,32,33,34,35,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,7274,75,76,77,78,79,80,81,82,83,84,98,108,112,113,114,115,1 And 11 other symbols [2] | SINGLE-SELECT 01 O SEPTEMBER 02 O OCTOBER 03 O NOVEMBER 04 O DECEMBER 05 O JANUARY 06 O FEBRUARY 07 O MARCH 08 O APRIL 09 O MAY 10 O JUNE 11 O JULY 12 O AUGUST 13 O PAGUME |
|---|--|
| 2b1.What was the last completed production end period for the %rostertitle%?YEAR | NUMERIC: INTEGER \$11q02b1 |
| I (IF THERE IS NO PARTICULAR PRODUCTION PERIOD, MARCH 10, 2021 TO MARCH 9, 2022) E s11q00c.InList(10,30,31,32,33,34,35,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,7274,75,76,77,78,79,80,81,82,83,84,98,108,112,113,114,115,1 And 11 other symbols [3] | |
| 2b2.What was the last completed production | SINGLE-SELECT \$11q02b2 |
| end period for the %rostertitle%?MONTH I (IF THERE IS NO PARTICULAR PRODUCTION PERIOD, MARCH 10, 2021 TO MARCH 9, 2022) E s11q00c.InList(10,30,31,32,33,34,35,37,38,39,40,41,42,43,44,546,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,7274,75,76,77,78,79,80,81,82,83,84,98,108,112,113,114,115,1 And 11 other symbols [4] | 01 O SEPTEMBER 02 O OCTOBER 03 O NOVEMBER 04 O DECEMBER 05 O JANUARY 06 O FEBRUARY 07 O MARCH 08 O APRIL 09 O MAY 10 O JUNE 11 O JULY 12 O AUGUST 13 O PAGUME |
| 3a1.What was the total amount of %rostertitle% harvested in the last twelve months? | NUMERIC: INTEGER \$11q03a1 |
| I (IF THERE IS NO PARTICULAR PRODUCTION PERIOD, MARCH 10, 2021 TO MARCH 9, 2022) | |

E s11q03a1 > 0



E s11q03a1 > 0

Unit CODE PICTURE 2



STATIC TEXT

E s11q03a1 > 0

Unit CODE PICTURE 3



STATIC TEXT

E s11q03a1 > 0

Unit CODE PICTURE 4



STATIC TEXT

E s11q03a1 > 0

Unit CODE PICTURE 5



STATIC TEXT

E s11q03a1 > 0

Unit CODE PICTURE 6



STATIC TEXT

E s11q03a1 > 0

Unit CODE PICTURE 7



STATIC TEXT

E s11q03a1 > 0



| E | 3a2.Unit used to measure%rostertitle% s11q03a1!=0 | SINGLE-SELECT 001 O Kilogram 002 O Gram 003 O Quntal 004 O Litres 005 O Centilitres 006 O Box 007 O Jenbe 008 O Jog 009 O Melekiya 021 O Akumada(Dawela) Lekota (small) 022 O Akumada(Dawela) Lekota (large) 031 O Birchiko (Small) 032 O Birchiko (Medium) 033 O Birchiko (Large) 041 O Zelela (Small) 042 O Zelela (Medium) | s11q03a2 |
|---|---|---|-----------------------|
| | 3a2_os.Other specify | TEXT | s11q03a2_other |
| Е | s11q03a2==900 | - | 2 |
| | 4.In this production month, what is the number of harvested trees of %rostertitle%? FOR PERMANENT CROPS \$11q00c.InList(41,42,43,44,45,46,47,48,50,71,72,74,75,77,78,79,80,81,82,83,84,98,108,112,113,114,115,116,117) | NUMERIC: INTEGER | s11q04 |
| | 7.Did you sell any of the harvested %rostertitle%? | SINGLE-SELECT 01 O YES 02 O NO | s11q07 |
| F | SECTION 11: CROP DISPOSITION (CEREALS, GRAINS, LEGUMES, OILSEEDS %ROSTERTITLE% CROP SALES \$11q07==1 | S ,PERMANENT, ROOT CROPS AND VEGETABLES) / CROP R | OSTER - CROP_SALES |
| E | 8.Who in your household makes decisions | MULTI-SELECT: LINKED SOLIDER OF CATEGORIES: TEXT LIST QUESTION \$1001 | s11q08 |
| | about selling %rostertitle% ? กระหาก พระเร ตะพวก มิกิก เกล้า ยระหาก มิกิลว่า ตะลม ซะกร ตะพิจิก:: s11q07==1 | SOURCE OF CATEGORIES: TEXT LIST QUESTION \$1001 | |

s11q09 MULTI-SELECT: LINKED 9. Who in your household is responsible for SOURCE OF CATEGORIES: TEXT LIST QUESTION \$1001 taking %rostertitle% to the market or selling the larger portion of %rostertitle% products in the market? I . In this in a section with the properties of the section IE s11q07==1 SINGLE-SELECT s11q10 10.Who/What were the main buyers/outlets for your %rostertitle% sales? 01 O AGRICULTURAL COOPERATIVE/union/association ። ተመቀበል ዮች መል መል ተልህ በቦል I 03 O GOVERNMENT AGENCY E s11q07==1 04 O LOCAL MARKET 05 O MAIN MARKET 06 O RELATIVE 07 O FRIEND/NEIGHBOR 08 O NGO 09 O ROADSIDE 10 O OTHER (SPECIFY) s11q10_other Other specify TEXT E s11q10==10 s11q11a NUMERIC: INTEGER 11a. How much of the harvested %rostertitle% was sold in total? E s11q07==1

STATIC TEXT

E s11q11a > 0

Unit CODE PICTURE 1



STATIC TEXT

E s11q11a > 0



E s11q11a > 0

Unit CODE PICTURE 3



STATIC TEXT

E s11q11a > 0

Unit CODE PICTURE 4



STATIC TEXT

 $E \ s11q11a > 0$

Unit CODE PICTURE 5



STATIC TEXT

E s11q11a > 0

Unit CODE PICTURE 6



STATIC TEXT

E s11q11a > 0

Unit CODE PICTURE 7



STATIC TEXT

E s11q11a > 0



| | 11b.Unit used to measure%rostertitle% | SINGLE-SELECT | s11q11b |
|--------|---|--|-------------|
| | | 001 O Kilogram | |
| Ε | s11q11a!=0&&s11q07==1 | 002 O Gram | |
| | | 003 O Quntal | |
| | | 004 O Litres | |
| | | 005 O Centilitres | |
| | | 006 O Box | |
| | | 007 O Jenbe | |
| | | 008 O Jog | |
| | | 009 O Melekiya | |
| | | 021 O Akumada(Dawela) Lekota (small) | |
| | | 022 O Akumada(Dawela) Lekota | |
| | | (large) 031 O Birchiko (Small) | |
| | | | |
| | | 032 O Birchiko (Medium) | |
| | | 033 O Birchiko (Large) | |
| | | 041 O Zelela (Small) | |
| | | 042 O Zelela (Medium) | |
| | | And 46 other symbols [7] | |
| | Other specify | TEXT \$11 | lq11b_other |
| E | s11q11b==900 | | |
| | 12.What was the total value of | TEXT | s11q12 |
| | all%rostertitle%sales? | | · |
| I E | ESTIMATE THE VALUE OF IN-KIND PAYMENTS. s11q07==1 | | <u>-</u> |
| | 13.Who in your household kept/decided what to do with%rostertitle%earnings? | MULTI-SELECT: LINKED SOURCE OF CATEGORIES: TEXT LIST QUESTION \$1001 | s11q13 |
| | LIST UP TO 2 FROM HOUSEHOLD ROSTER s11q07==1 | | |

| E | 14a.When was most of the %rostertitle% sold? s11q07==1 | SINGLE-SELECT 01 O SEPTEMBER 02 O OCTOBER 03 O NOVEMBER 04 O DECEMBER 05 O JANUARY 06 O FEBRUARY 07 O MARCH 08 O APRIL 09 O MAY 10 O JUNE 11 O JULY 12 O AUGUST 13 O PAGUME | s11q14a |
|----|--|--|--------------|
| | 14b.When was most of the %rostertitle% sold? YEAR in Ethiopian Calander | NUMERIC: INTEGER | s11q14b |
| V1 | s11q07==1 self.InRange(2013,2014) The year should be between 2013 and 2014 | | |
| | 15.Approximately how many transactions took place while selling %rostertitle%? | NUMERIC: INTEGER | s11q15 |
| E | s11q07==1 | | |
| Е | 16.What was the main mode of transportation associated with all %rostertitle% sales? s11q07==1 | SINGLE-SELECT 01 O FOOT 02 O TRANSPORT 03 O Draft ANIMALS 04 O BUYER PICK-UP. 05 O OTHER (SPECIFY). | s11q16 |
| | Other specify | TEXT S1 | 1q16_other |
| Ε | s11q16==5 | | - |
| | 17.What was the total cost of transportation paid in cash or in kind associated with all %rostertitle% sales? | TEXT | s11q17 |
| | INLUDE ALL TRIPS FROM AND BACK TO THE FARM. If not paid in cash or in kind record Zero s11q07==1 | | |
| | 17b.What would be the total cost of transportation associated with all %rostertitle% sales if you use own or free transportation mode? | TEXT | s11q17b |
| | INLUDE ALL TRIPS FROM AND BACK TO THE FARM. s11q07==1 | | |

SECTION 11: CROP DISPOSITION (CEREALS, GRAINS, LEGUMES ,OILSEEDS ,PERMANENT, ROOT CROPS AND VEGETABLES) / CROP ROSTER-%ROSTERTITLE%

18a1.How much of the harvested **%rostertitle%** during [CURRENT AGRICULTURE SEASON] was used for household consumption?

NUMERIC: INTEGER \$11q18a1

I IF NOTHING, RECORD ZERO

STATIC TEXT

E s11q18a1 > 0

Unit CODE PICTURE 1



STATIC TEXT

E s11q18a1 > 0

Unit CODE PICTURE 2



STATIC TEXT

E s11q18a1 > 0

Unit CODE PICTURE 3



STATIC TEXT

E s11q18a1 > 0



E s11q18a1 > 0

Unit CODE PICTURE 5



STATIC TEXT

E s11q18a1 > 0

Unit CODE PICTURE 6



STATIC TEXT

E s11q18a1 > 0

Unit CODE PICTURE 7



STATIC TEXT

E s11q18a1 > 0

Unit CODE PICTURE 8



| 18a2.Unit used to measure%rostertitle% | SINGLE-SELECT S11q18a2 |
|--|--------------------------------------|
| E s11q18a1!=0 | 001 O Kilogram |
| E SIIQIOAI:=U | 002 O Gram |
| | 003 O Quntal |
| | 004 O Litres |
| | 005 O Centilitres |
| | 006 O Box |
| | 007 O Jenbe |
| | 008 O Jog |
| | 009 O Melekiya |
| | 021 O Akumada(Dawela) Lekota |
| | (small) 022 O Akumada(Dawela) Lekota |
| | (large) |
| | 031 O Birchiko (Small) |
| | 032 O Birchiko (Medium) |
| | 033 O Birchiko (Large) |
| | 041 O Zelela (Small) |
| | 042 O Zelela (Medium) |
| | And 46 other symbols [7] |
| Other specify | TEXT s11q18a2_other |
| s11q18a2==900 | |
| 19a1.How much of the harvested %rostertitle% during [CURRENT AGRICULTURE SEASON] was given out reimbursements for land, labour, or reimbursements for inputs borrowed or | NUMERIC: INTEGER \$11q19a1 |
| acquired on credit? | |
| I IF NOTHING, RECORD ZERO | |

STATIC TEXT

E s11q19a1 > 0



E s11q19a1 > 0

Unit CODE PICTURE 2



STATIC TEXT

E s11q19a1 > 0

Unit CODE PICTURE 3



STATIC TEXT

E s11q19a1 > 0

Unit CODE PICTURE 4



STATIC TEXT

E s11q19a1 > 0

Unit CODE PICTURE 5



STATIC TEXT

E s11q19a1 > 0

Unit CODE PICTURE 6



STATIC TEXT

E s11q19a1 > 0

Unit CODE PICTURE 7



STATIC TEXT

E s11q19a1 > 0



| | 19a2.Unit used to measure%rostertitle% | SINGLE-SELECT \$11q19a2 |
|---|---|--------------------------------------|
| Е | s11q19a1!=0 | 001 O Kilogram |
| | | 002 O Gram |
| | | 003 O Quntal |
| | | 004 O Litres |
| | | 005 O Centilitres |
| | | 006 O Box |
| | | 007 O Jenbe |
| | | 008 O Jog |
| | | 009 O Melekiya |
| | | 021 O Akumada(Dawela) Lekota |
| | | (small) 022 O Akumada(Dawela) Lekota |
| | | (large) |
| | | 031 O Birchiko (Small) |
| | | 032 O Birchiko (Medium) |
| | | 033 O Birchiko (Large) |
| | | 041 O Zelela (Small) |
| | | 042 O Zelela (Medium) |
| | | And 46 other symbols [7] |
| | | Alia 40 outer symbols [7] |
| | Other specify | TEXT s11q19a2_other |
| Ε | s11q19a2==900 | b |
| | 20a1.How much of the harvested %rostertitle% | NUMERIC: INTEGER \$11q20a1 |
| | during the [CURRENT AGRICULTURE SEASON] | |
| | was used for other purposes (Susch as for Animal feeds , seed, as gifit, etc)? | |
| I | IF NOTHING, RECORD ZERO | |
| | | <u> </u> |

E s11q20a1 > 0

Unit CODE PICTURE 1



STATIC TEXT

E s11q20a1 > 0



E s11q20a1 > 0

Unit CODE PICTURE 3



STATIC TEXT

E s11q20a1 > 0

Unit CODE PICTURE 4



STATIC TEXT

E s11q20a1 > 0

Unit CODE PICTURE 5



STATIC TEXT

E s11q20a1 > 0

Unit CODE PICTURE 6



STATIC TEXT

E s11q20a1 > 0

Unit CODE PICTURE 7



STATIC TEXT

E s11q20a1 > 0



SINGLE-SELECT s11q20a2 20a2.Unit used to measure%rostertitle% 001 O Kilogram E s11q20a1!=0 002 **O** Gram 003 O Quntal 004 O Litres 005 O Centilitres 006 **O** Box 007 O Jenbe 008 **O** Jog 009 O Melekiya 021 O Akumada(Dawela) Lekota (small) Akumada(Dawela) Lekota (large) 031 O Birchiko (Small) 032 O Birchiko (Medium) 033 O Birchiko (Large) 041 O Zelela (Small) 042 O Zelela (Medium) And 46 other symbols [7] TEXT s11q20a2_other Other specify E s11q20a2==900 NUMERIC: INTEGER s11q21a1 21a1. How much of the the harvested%rostertitle% during the [CURRENT AGRICULTURE SEASON] was lost to rotting, insects, rodents, theft, etc. in the post-harvest period? I IF NOTHING, RECORD ZERO

STATIC TEXT

E s11q21a1 > 0

Unit CODE PICTURE 1



STATIC TEXT

E s11q21a1 > 0



E s11q21a1 > 0

Unit CODE PICTURE 3



STATIC TEXT

E s11q21a1 > 0

Unit CODE PICTURE 4



STATIC TEXT

E s11q21a1 > 0

Unit CODE PICTURE 5



STATIC TEXT

E s11q21a1 > 0

Unit CODE PICTURE 6



STATIC TEXT

E s11q21a1 > 0

Unit CODE PICTURE 7



STATIC TEXT

E s11q21a1 > 0



| 21a2.Unit used to measure%rostertitle% E s11q21a1!=0 | SINGLE-SELECT 001 O Kilogram 002 O Gram 003 O Quntal 004 O Litres 005 O Centilitres 006 O Box 007 O Jenbe 008 O Jog 009 O Melekiya 021 O Akumada(Dawela) Lekota (small) 022 O Akumada(Dawela) Lekota (large) 031 O Birchiko (Small) 032 O Birchiko (Medium) 033 O Birchiko (Large) 041 O Zelela (Small) | s11q21a2 |
|---|--|----------------|
| | And 46 other symbols [7] | |
| Other specify E s11q21a2==900 | TEXT | s11q21a2_other |
| 21a3.Percentage lost %rostertitle% E s11q21a1!=0 | NUMERIC: INTEGER | s11q21a3 |
| 22.What was the reason for loss of %rostertitle%? E s11q21a1!=0 | MULTI-SELECT 01 ROTTING 02 INSECTS 03 RODENTS/PESTS 04 FLOOD 05 THEFT 06 OTHER (SPECIFY). | s11q22 |
| 23.Do you have any of the harvested %rostertitle% in storage now? | SINGLE-SELECT 01 O YES 02 O NO | s11q23 |

| | 24.What is your main method of storage for this crop? | SINGLE-SELECT 01 O UNPROTECTED PIKE | s11q24 |
|---|--|--|--------------|
| Ε | s11q23==1 | 02 O HEAPED IN HOUSE | |
| | | 03 O BAGS IN HOUSE | |
| | | 04 O METALLIC SILO | |
| | | 05 O OTHER SILO (Modern or traditional) 06 O PIT | |
| | | 07 O RENTED STORAGE | |
| | | 08 O Other (SPECIFY) | |
| | Other specify | TEXT | s11q24_other |
| Ε | s11q24==8 | | - |
| | 25.How much of the harvested %rostertitle% during the [CURRENT AGRICULTURE SEASON] is | NUMERIC: INTEGER | s11q25 |
| | being stored by your household? | | |
| Ε | s11q23==1 | | |
| | | | |

E s11q25 >0

Unit CODE PICTURE 1



STATIC TEXT

E s11q25 >0

Unit CODE PICTURE 2



STATIC TEXT

E s11q25 >0



E s11q25 >0

Unit CODE PICTURE 4



STATIC TEXT

E s11q25 >0

Unit CODE PICTURE 5



STATIC TEXT

E s11q25 >0

Unit CODE PICTURE 6



STATIC TEXT

E s11q25 >0

Unit CODE PICTURE 7



STATIC TEXT

E s11q25 >0



| 25a.Unit used to measure%rostertitle% | SINGLE-SELECT | s11q25a |
|---------------------------------------|---|--------------|
| E s11q25!=0 | 001 O Kilogram | |
| - | 002 O Gram | |
| | 003 O Quntal | |
| | 004 O Litres | |
| | 005 O Centilitres | |
| | 006 O Box | |
| | 007 O Jenbe | |
| | 008 O Jog | |
| | 009 O Melekiya | |
| | 021 O Akumada(Dawela) Lekota (small) 022 O Akumada(Dawela) Lekota | |
| | (large) 031 O Birchiko (Small) | |
| | 032 O Birchiko (Medium) | |
| | 033 O Birchiko (Large) | |
| | 041 O Zelela (Small) | |
| | 042 O Zelela (Medium) | |
| | And 46 other symbols [7] | |
| Other specify | TEXT : | s11q25a_othe |
| s11q25a==900 | | |

| I E | 26.What did you do to protect the stored %rostertitle%? ሌጥራው ቹን ልንብብ እስከ ሆላት ሴዴዎች ጥቀስ። s11q23==1 | MULTI-SELECT \$11q26 01 SPRAYING 02 SMOKING 03 HIRED GUARD 04 DID NOTHING 05 ELEVATION 06 OTHER (SPECIFY) |
|---------|--|---|
| | Other specify | TEXT s11q26_other |
| E | s11q26.Contains(6) | |
| | 27a.OF the total quantity of harvested %rostertitle% currently you have kept in your storage (of the total Quantity reported in Q19) What proportion will you use forsales | NUMERIC: INTEGER \$11q27a |
| E V1 | Percent s11q23==1 \$Percentages Percentage should be between 0 & 100 | |
| | 27b.OF the total quantity of harvested %rostertitle% currently you have kept in your storage(of the total Quantity reported in Q19) What proportion will you use forHousehold consumption | NUMERIC: INTEGER \$11q27b |
| E V1 | Percent s11q23==1 \$Percentages Percentages | |
| M1 | 27c.OF the total quantity of harvested %rostertitle% currently you have kept in your storage What proportion will you use forreimbursements for land, labour, or reimbursements for inputs | NUMERIC: INTEGER \$11q27c |
| | Percent s11q23==1 \$Percentages Percentages should be between 0 & 100 | |
| | 27d.OF the total quantity of harvested %rostertitle% currently you have kept in your storage (of the total Quantity reported in Q19) What proportion will you use forOther Use (SEED, GIFT, ANIMAL FEED ETC) | NUMERIC: INTEGER \$11q27d |
| E V1 | Percent s11q23==1 \$Percentages Percentage should be between 0 and 100 | |
| | 27e.The total quantity of harvested %rostertitle% currently you have kept in your storage | NUMERIC: INTEGER \$11q27e |
| E V1 | Percent s11q23==1 \$Percentages Percentage should be between 0 and 100 | |

APPENDIX A — ENABLING CONDITIONS

[1] s11q02a1: 2a1.What was the last completed production begin period for the %rostertitle%?YEAR
Enablement Condition:

s11q00c.InList(10,30,31,32,33,34,35,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,74,75,76,77,78,79,80,81,82,83,84,98,108,112,113,114,115,116,117,123)

[2] s11q02a2: 2a2.What was the last completed production begin period for the %rostertitle%?MONTH

Enablement Condition:

s11q00c.InList(10,30,31,32,33,34,35,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,7274,75,76,77,78,79,80,81,82,83,84,98,108,112,113,114,115,116,117,123)

[3] s11q02b1: 2b1.What was the last completed production end period for the %rostertitle%?YEAR
Enablement Condition:

 $\mathtt{s11q00c.InList} (10, 30, 31, 32, 33, 34, 35, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 7274, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 98, 108, 112, 113, 114, 115, 116, 117, 123)$

[4] s11q02b2: 2b2.What was the last completed production end period for the %rostertitle%?MONTH Enablement Condition:

s11q00c.InList(10,30,31,32,33,34,35,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,7274,75,76,77,78,79,80,81,82,83,84,98,108,112,113,114,115,116,117,123)

APPENDIX A — ENABLING CONDITIONS 47/51

APPENDIX B — VALIDATION CONDITIONS AND MESSAGES

[1] s1q05: 5. Is %rostertitle%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
hhroster.All(x=>x.slq05!=null) ?
// If all information has been filled out, check for only 1 head
hhroster.Count(x=>x.slq05==1)==1:
// Otherwise, check if there is one depending on what they
// select
((self==1 && hhroster.Count(x=>x.slq05==1)==1) || self>1)
```

Validation Message: EACH HOLDER IN THE HOUSEHOLD WILL COMPLETE A SEPARATE AG QUESTIONNAIRE

APPENDIX C — CATEGORIES

[1] YesNo

Categories: 1:YES, 2:NO

[2] Region

Categories: 1:Tigray, 2:Afar, 3:Amhara, 4:Oromia, 5:Somalia, 6:Benishangul-gumuz, 7:SNNPR, 12:Gambella, 13:Hareri, 14:Addis Ababa, 15:Diredawa, 16:Outside Ethiopia, 17:Sidama, 18:South Western Region

[3] 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, 10:1 0.CASSAVA, 11:11.CHICKPEAS, 12:12.HARICOTBEANS, 13:13.HORSE BEANS, 14:14.LENTILS, 15:15.FIELDPEAS, 16:16.VETCH, 17:17.GIBTO, 18:18.SOYA BEANS, 19:19.REDKIDENY BEANS, 20:20.FENNEL, 21:21.CASTOR BEANS, 22:22.COTTON SEED, 23:23.LINESEED, 24:24.GROUN D NUTS, 25:25.NUEG or NIGERSEED, 26:26.RAPESEED, 27:27.SESAME, 28:28.SUNFLOWER, 30:30.SAVORY or ROSEMARY, 31:31.BLACKCUMI N, 32:32.BLACKPEPPER, 33:33.CARDAMON, 34:34.CHILIES, 35:35.CINNAMON, 36:36.FENUGREEK, 37:37.GINGER, 38:38.REDPEPPER, 39:39. TUMERIC, 40:40.WHITECUMIN, 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.PINAPPLES, 50:50.CITRON, 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.GREENPEPPER, 60:60.POTATOES, 61:61.PUMPKINS, 62:62.SWEETPOTATO, 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.CH AT, 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.SACREDBASIL, 81:81.RUE, 82:82.GISHITA, 83:83.WATERMELON, 84:84.AVOCADOS, 85:85.GRAZINGLAND, 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 EED, 120:120.OTHER CEREAL, 123:123.OTHER VEGETABLE

[4] EducationCode

Categories: 0: kindergarten, 0 grade, nursery,, 1:1st grade, 2:2nd grade, 3:3rd grade, 4:4th grade, 5:5th grade, 6:6th grade, 7:7th grade, 8:8th grade, 9:9th grade (old Curriculum), 10:10th grade (old Curriculum), 11:11th grade (old Curriculum), 12:12th grade (old Curriculum), 13:12th grade + 1 (certificate) (old Curriculum), 14:teacher training certificate (old Curriculum), 15:1st year college (old Curriculum), 16:2nd year college (old Curriculum), 17:diploma (old Curriculum), 18:3rd year college (old Curriculum), 19:bachelor's degree program (including M.D.) (old Curriculum), 20:Postgraduate diploma (m.a., phd, mphil, etc.) (old Curriculum), 21:9th grade (New Curriculum), 22:10th grade (New Curriculum), 23:11th grade (New Curriculum), 24:12th grade (New Curriculum), 25:certificate (10+1) vocational and technical course (New Curriculum), 26:level 2 vocational and technical course (New Curriculum), 27:certificate (10+2) vocational and technical course (New Curriculum), 28:1 year in 10+3 or level 3 vocational and technical course (New Curriculum), 29:2 years in 10+3 or level 3 vocational and technical course (New Curriculum), 30:diploma in 10+3 or level 3 vocational and technical course (New Curriculum), 31:1st year college (New Curriculum), 32:2nd year college (New Curriculum), 33:3rd year college (New Curriculum), 34:bachelor's degree including M.D.) (New Curriculum), 35:above bachelor's (m.a., phd, mphil, etc.) (New Curriculum), 93:informal education (can read and write but has never been in regular school), 94:adult literacy program, 95:satellite, 96:non-regular (can read and write by attending a religious institute such as kes or kuran but never attended regular school), 98:not educated, 99:I don't Know

[5] Gender

Categories: 1: MALE, 2: FEMALE

[6] 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

[7] NonStandaredUnit

Categories: 1: Kilogram, 2: Gram, 3: Quntal, 4: Litres, 5: Centilitres, 6: Box, 7: Jenbe, 8: Jog, 9: Melekiya, 21: Akumada(Dawela) Lekota (small), 22: Akumada(Dawela) Lekota (large), 31: Birchiko (Small), 32: Birchiko (Medium), 33: Birchiko (Large), 41: Zelela (Small), 42: Zelela (Medium), 43: Zelela (Large), 51: Chinet (Small), 52: Chinet (Medium), 53: Chinet (Large), 61: Esir (Small), 62: Esir (Medium), 63: Esir (Large), 71: Festal (Small), 72: Festal (Medium), 73: Festal (Large), 81: Joniya Kysha (Small), 82: Joniya Kysha (Medium), 83: Joniya Kysha (Large), 91: Kerchat/Kemba (Small), 92: Kerchat/Kemba (Medium), 93: Kerchat/Kemba (Large), 101: Kubaya/Cup (Small), 102: Kubaya/Cup (Medium), 103: Kubaya/Cup (Large), 111: Kunna/Mishe/Kefer/Enkib (Small), 112: Kunna/Mishe/Kefer/Enkib (Medium), 113: Kunna/Mishe/Kefer/Enkib, 121: Madaberiya/Nuse/Shera/Chiret (small), 122: Madaberiya/Nuse/Shera/Chiret (large), 131: Medeb (Small), 132: Medeb (Medium), 133: Medeb (Large), 141: Piece/number (Small), 142: Piece/number (Medium), 143: Piece/number (Large), 151: Sahin (Small), 152: Sahin (Medium), 153: Sahin (Large), 161: Shekim (Small), 162: Shekim (medium), 163: Shekim (large), 171: Sini (Small), 172: Sini (Large), 181: Tasa/Tanika/Shember/Selemon (Medium), 183: Tasa/Tanika/Shember/Selemon (Medium), 183: Tasa/Tanika/Shember/Selemon (Medium), 183: Tasa/Tanika/Shember/Selemon (Medium), 193: Zorba/Akara (Large), 900: Other (Specify)

[8] sag21: 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:Dired awa, 12:Gambela, 13:Goba, 14:Gondar, 15:Harar, 16:Hawassa, 17:Hossana, 18:Jigjiga, 19:Jimma, 20:Mekele, 21:Mizan Teferi, 22:Negele, 23:Nekemit, 24:Shire, 25:Sodo

[9] s9q00b_pp: 1.Crop Code from PP

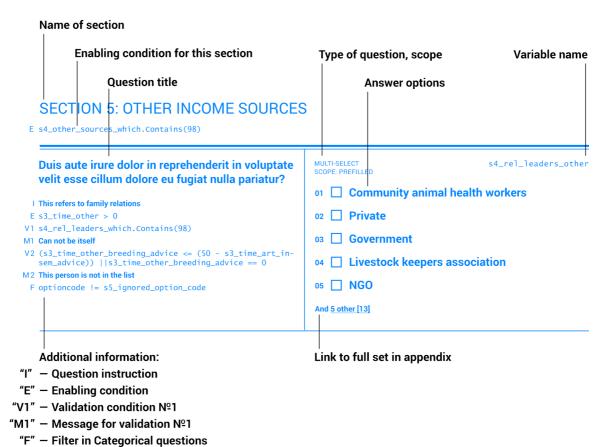
Categories: 1:01 π m, 1:02 π m, 1:03 π m, 1:04 π m, 1:05 π m, 1:06 π m, 1:09 π m, 1:09 π m, 1:10 π m, 1:11 π m, 1:12 π m, 1:12 π m, 1:12 π m, 1:13 π m, 1:13 π m, 1:14 π m, 1:14 π m, 1:15 π m, 1:15

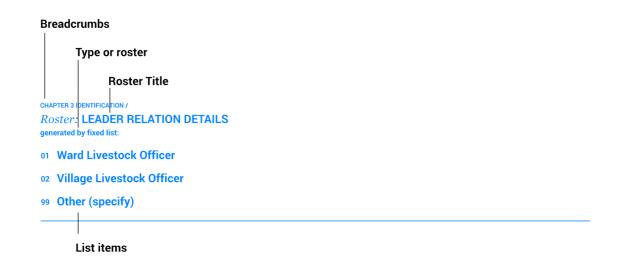
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APPENDIX C — CATEGORIES 50/51

Legend and structure of information in this file





LEGEND 51/51