

Copy of LPDP_Tajikistan_IFAD_v17

SURVEY IDENTIFICATION INFORMATION QUESTIONNAIRE DESCRIPTION

[A.] COVER

Sub-sections: 1, No rosters, Questions: 17, Static texts: 2.

[B.] HOUSEHOLD MEMBERS DETAILS

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

[C.] EDUCATION

No sub-sections, Rosters: 1, Questions: 19, Static texts: 1.

[D.] CHILD ANTHROPOMETRY

No sub-sections, Rosters: 1, Questions: 12, Static texts: 1.

[E.] HOUSING

No sub-sections, No rosters, Questions: 37.

[F.] DURABLE GOODS

No sub-sections, Rosters: 1, Questions: 2.

[G.] RAPID CONSUMPTION ASSESSMENT

No sub-sections, No rosters, Questions: 4, Static texts: 1.

[H.] FOOD SECURITY

Sub-sections: 1, No rosters, Questions: 28, Static texts: 12.

[I.] LIVESTOCK

Sub-sections: 10, Rosters: 7, Questions: 146, Static texts: 2, Variables: 24.

[J.] AVAILABLE LAND

Sub-sections: 4, Rosters: 3, Questions: 53, Static texts: 7, Variables: 12.

[K1-S1]. AGRICULTURAL PRODUCTION %SEASON1%

Sub-sections: 14, Rosters: 7, Questions: 80, Static texts: 5, Variables: 7.

[K3-S1] AGROFORESTRY - SEASON 1

Sub-sections: 14, Rosters: 8, Questions: 90, Static texts: 4, Variables: 8.

[K3-S2] AGROFORESTRY - SEASON 2

Sub-sections: 14, Rosters: 8, Questions: 90, Static texts: 4, Variables: 8.

[K1-S2]. AGRICULTURAL PRODUCTION %SEASON2%

Sub-sections: 14, Rosters: 7, Questions: 80, Static texts: 4, Variables: 7.

[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS

Sub-sections: 14, Rosters: 13, Questions: 107, Static texts: 5, Variables: 8.

[K4.] HOME GARDEN

No sub-sections, Rosters: 6, Questions: 30.

[L1.] INPUTS

No sub-sections, Rosters: 1, Questions: 14.

[L2.] FARM IMPLEMENTS, MACHINERY AND STRUCTURES

Sub-sections: 1, Rosters: 1, Questions: 2.

[M.] WAGE/SALARY INCOME

No sub-sections, Rosters: 1, Questions: 10.

[N.] SELF-EMPLOYMENT

No sub-sections, Rosters: 2, Questions: 21, Static texts: 2, Variables: 1.

[O.] OTHER INCOME SOURCES

No sub-sections, Rosters: 2, Questions: 5.

[P.] ACCESS TO CREDIT

No sub-sections, Rosters: 1, Questions: 9.

[Q1.] INTERNAL MIGRATION

No sub-sections, Rosters: 1, Questions: 23.

[Q1.] INTERNATIONAL MIGRATION

No sub-sections, Rosters: 2, Questions: 30, Static texts: 2.

[Q2.] OUT MIGRATION

No sub-sections, Rosters: 1, Questions: 24, Variables: 1.

[R.] SOCIAL CAPITAL

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

QUESTIONNAIRE WRAP UP

No sub-sections, No rosters, Questions: 7.

APPENDIX A — ENABLING CONDITIONS

APPENDIX B — VALIDATION CONDITIONS AND MESSAGES

APPENDIX C — INSTRUCTIONS

APPENDIX D — CATEGORIES

APPENDIX E — VARIABLES

APPENDIX F — CATEGORIES FILTERS

LEGEND

SURVEY IDENTIFICATION INFORMATION QUESTIONNAIRE DESCRIPTION

Basic information

Title Copy of LPDP_Tajikistan_IFAD_v17

[A.] COVER

District	<p>SINGLE-SELECT: COMBO BOX SCOPE: IDENTIFYING</p> <p>0101 <input type="radio"/> Baljuvon 0201 <input type="radio"/> Danghara 0301 <input type="radio"/> Farkhor 0401 <input type="radio"/> Hamadoni 0501 <input type="radio"/> Khovaling 0601 <input type="radio"/> Kulob 0701 <input type="radio"/> Muminobod 0801 <input type="radio"/> Shuroobod 0901 <input type="radio"/> Temurmalik 1001 <input type="radio"/> Vose</p>	district
Jamoat	<p>SINGLE-SELECT: COMBO BOX SCOPE: IDENTIFYING</p> <p>01 <input type="radio"/> Baljuvon 02 <input type="radio"/> Tojikiston 03 <input type="radio"/> Korez 04 <input type="radio"/> Lolazor 05 <input type="radio"/> Named after Ismat Sharifov 06 <input type="radio"/> Oksu 07 <input type="radio"/> Pushing 08 <input type="radio"/> Sangtuda 09 <input type="radio"/> Sebiston 10 <input type="radio"/> 20 solagii Istiqloliyat 11 <input type="radio"/> Darkand 12 <input type="radio"/> Dehqonarik 13 <input type="radio"/> Farkhor 14 <input type="radio"/> Galaba 15 <input type="radio"/> Gayrat 16 <input type="radio"/> Gulshan</p> <p>And 35 other symbols [1]</p>	jamoat
Village	<p>SINGLE-SELECT: COMBO BOX SCOPE: IDENTIFYING</p> <p>001 <input type="radio"/> Baljuvon 002 <input type="radio"/> Shaidi bobokhon 003 <input type="radio"/> Solmolidasht 004 <input type="radio"/> Gargara 005 <input type="radio"/> Chorsada-2 006 <input type="radio"/> Dashtak 007 <input type="radio"/> Ostona 008 <input type="radio"/> Bulishi bolo 009 <input type="radio"/> Bulyoni poyon 010 <input type="radio"/> Fayzbakhsh 011 <input type="radio"/> Mekhtor 012 <input type="radio"/> Safobakhsh 013 <input type="radio"/> Alijon 014 <input type="radio"/> Gizovak 015 <input type="radio"/> Parkamchi 016 <input type="radio"/> Pushing</p> <p>And 159 other symbols [2]</p>	village
HOUSEHOLD ID	<p>NUMERIC: INTEGER</p> <p>-----</p>	household_id

Has this household owned any livestock in the last 12 months?	SINGLE-SELECT condition 01 <input type="radio"/> YES 02 <input type="radio"/> NO
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STATIC TEXT

E condition==1

ENUMERATOR: PLEASE READ OUT:

STATIC TEXT

E condition==1

Hello. My name is.... I am part of the team of SHARQ Sharq Informational-Analytical Center, which is collaborating with the International Fund for Agricultural Development (IFAD). We selected at random several hundred households in each districts of the Khatlon region to ask them questions about howthey are living. The responses provided by the households to these questions are intended to help understand the current social and economic status of farmers in your district. Your household was randomly selected for the survey. I would like to ask you some questions about your household and your agricultural activities in particular. The questions usually take about 2.5 hours. All of the answers you give will be confidential and will not be shared with anyone other than members of our survey team. We emphasize that the aim of this research is to LEARN, and so please do not feel you must provide only positive responses, or feel that you must adjust your answers away from the truth in any way. You don't have to be in the survey, but we hope you will agree to answer the questions since your views are important. Before I start, do you have any questions or is there anything which I have said on which you would like any further clarification?

Do you agree to participate in the survey? I Do not record an answer to this question until you have conveyed the introductory statement to the respondent. E condition==1	SINGLE-SELECT consent 01 <input type="radio"/> Yes 02 <input type="radio"/> No
--	---

ENUMERATOR: RECORD START DATE & TIME FOR QUESTIONNAIRE E consent==1	DATE: CURRENT TIME start_visitdate
--	--

ENUMERATOR: RECORD CURRENT GPS LOCATION E consent==1	GPS start_location N W A
---	--

Treatment or Control	SINGLE-SELECT treatment SCOPE: HIDDEN 01 <input type="radio"/> Treatment 00 <input type="radio"/> Control
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Full Name of household head E consent==1	TEXT hhname
---	---

Name of respondent E consent==1	TEXT name_respond
--	---

Main respondent cell phone I PLEASE INSERT 9-DIGITS. IF "DON'T KNOW" INSERT "888". E consent==1	TEXT cell_respond
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[A] COVER
FUTURE CONTACT INFORMATION

E consent==1

Could you provide the address of this dwelling or provide a landmark close to your dwelling to locate?	TEXT address_hh
What is the name of a person in this village who we can contact if we cannot contact you in the future? I Enumerator: please remind that the farm household might be interviewed again over the next years, and thus having a way to contact them in the future is critical to the success of the survey. We are And 191 other symbols [1]	TEXT contact_1name
What is your relationship to this person?	SINGLE-SELECT contact_1rel 01 <input type="radio"/> RELATIVE 02 <input type="radio"/> FRIEND 03 <input type="radio"/> NEIGHBOR 04 <input type="radio"/> ACQUAINTANCE
What is the telephone of this contact person? I PLEASE INSERT 9-DIGITS. IF "DON'T KNOW" INSERT "888".	TEXT contact_1infotel
Could you provide the address of this person's dwelling or provide a landmark close to this person's dwelling to locate it?	TEXT contact_1infoaddress

[B.] HOUSEHOLD MEMBERS DETAILS

E consent==1

<p>STATIC TEXT</p> <p>ENUMERATOR: PLEASE READ OUT: I WOULD LIKE TO MAKE A COMPLETE LIST OF ALL INDIVIDUALS WHO ARE PART OF THIS HOUSEHOLD. THE HOUSEHOLD IS DEFINED AS: ALL THOSE WHO NORMALLY EAT THEIR MEALS AND LIVE TOGETHER (IN CASE THEY LEFT THE HOUSEHOLD IT MUST BE LESS THAN TWO MONTHS AGO) AND SHARE A COMMON BUDGET AND A COMMON LIVESTOCK HERD, STARTING WITH THE HEAD OF THE HOUSEHOLD. IF POLYGAMOUS HOUSEHOLD: MORE THAN 1 SPOUSE MAY BE INCLUDED IF THE SPOUSES AND ASSOCIATED HOUSEHOLD MEMBERS LIVE IN THE SAME COMPOUND AND SHARE A COMMON BUDGET AND LIVESTOCK HERD.</p>	
B01. Please make a complete list of all individuals who are part of this household.	LIST b01
<p>[B.] HOUSEHOLD MEMBERS DETAILS Roster: HOUSEHOLD MEMBER DETAILS generated by list question b01</p>	
B02. What is the gender of %hhroster%?	SINGLE-SELECT b02 01 <input type="radio"/> MALE 02 <input type="radio"/> FEMALE

B03. What is %rosteritle%'s relationship to the household head?

SINGLE-SELECT b03

- V1 `/// Checks only one household head is listed self==1? // / Is this person the household head? /// If household head, check that there has /// not been another household head reported (hroster.coun And 70 other symbols \[1\]`
- M1 There must be only one person in the household designated as head.
- V2 `/// This code checks that the head and his/her spouse are not of the same gender (b03== 1 && (hroster.Count (x=>x.b03 ==2 && x.b02==b02) ==0)) || (b03== 2 && (hroster.Count (x=>x.b03==1 && x.b02== And 38 other symbols \[1\]`
- M2 It is unlikely that the head and his/her spouse have the same sex. Please confirm.
- V3 `hroster.All(x=>x.b03!=null) ? !(hroster.Count(x=>x.b03==1)==0) : true`
- M3 There must be at least one household head in the household. You have answered this question for all members of the household but no household head indicated. Please check.

- 01 HEAD
- 02 SPOUSE/PARTNER
- 03 SON/DAUGHTER
- 04 SON/DAUGHTER IN LAW
- 05 FATHER/MOTHER
- 06 FATHER/MOTHER IN LAW
- 07 SISTER/BROTHER
- 08 GRANDCHILD
- 09 GRANDPARENT
- 10 NIECE/NEPHEW
- 11 OTHER RELATIVE
- 12 NOT RELATED

B04a.How old is %rosteritle%?

NUMERIC: INTEGER b04a

- I IN YEARS. IF LESS THAN ONE YEAR INSERT ZERO
- V1 `b04a.InRange(0,120)`
- M1 Reported age is unlikely. Please check and/or confirm.
- V2 `(b03 == 9 && b04a > 36) || b03 != 9`
- M2 Grandparent of household head should be older than 35. Please check and/or confirm.
- V3 `b03==5 && hroster.Count(x=>x.b03==1 && (b04a-x.b04a<=14))=0 || b03==1 && hroster.Count(x=>x.b03==5 && (x.b04a-b04a<=14))=0 || (!b03.InList(1,5) || b03==1 && b02==null || b03= And 18 other symbols \[2\]`
- M3 Age difference between head and his/her parent seems to be too little. Please check and/or confirm.
- V4 `(b03 == 5 && b04a > 24) || b03 != 5`
- M4 Person (%rosteritle%) seems too young to be the parent of household head. Please check and/or confirm.
- V5 `(b03 == 1 && b04a >= 12) || b03 != 1`
- M5 Household head is supposed to be an adult at least 12 years old, yet %rosteritle% is %b04a%. Please check and/or confirm.
- V6 `(b03 == 2 && self >= 12) || b03 != 2`
- M6 Person (%rosteritle%) seems to be too young to be married/partnered with household head. Please check and/or confirm.
- V7 `(b03==3 && (hroster.Count(x=>x.b03==1 && x.b02==1 && (x.b04a-b04a<=14))=0)) && ((hroster.Count(x=>x.b03==1 && x.b02==2 && (x.b04a-b04a<=12))=0)) || (b03==1 && b02==1 && (hroster.Count(x=>x.b0 And 208 other symbols \[2\]`
- M7 Age difference between head and his/her child is less than 12 years. Please check and/or confirm.

B04b. RECORD THE NUMBER OF FULL MONTHS OF THE INCOMPLETE YEAR

NUMERIC: INTEGER b04b

- E `b04a<=5`
- V1 `b04b.InRange(0,11)`
- M1 Reported number of months is unlikely. Please confirm.

B05. When was %rosteritle% born?

NUMERIC: INTEGER b05

- E `!IsAnswered(b04a)`
- V1 `b05.InRange(1900,2017)`
- M1 Year of birth is unlikely. Please check and confirm.

<p>B06. What is the present marital status of %rosteritle%?</p> <p>E b04a>=15</p>	<p>SINGLE-SELECT b06</p> <p>001 <input type="radio"/> MARRIED</p> <p>002 <input type="radio"/> MARRIED WITH MORE THAN ONE SPOUSE</p> <p>003 <input type="radio"/> DIVORCED</p> <p>004 <input type="radio"/> LIVING TOGETHER</p> <p>005 <input type="radio"/> SEPARATED</p> <p>006 <input type="radio"/> WIDOWER</p> <p>007 <input type="radio"/> SINGLE</p> <p>999 <input type="radio"/> OTHER</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>B06_oth. Please specify Other</p> <p>E b06==999</p>	<p>TEXT b06oth</p> <p>.....</p>
<p>B07. What is %rosteritle%'s ethnic group?</p> <p>E (b04a>=15 && b03==1) (b04a>=15 && b03==2) (b04a>=15 && b03==4)</p>	<p>SINGLE-SELECT b07</p> <p>001 <input type="radio"/> TAJIK</p> <p>002 <input type="radio"/> UZBEK</p> <p>003 <input type="radio"/> RUSSIAN</p> <p>004 <input type="radio"/> KYRGYZ</p> <p>005 <input type="radio"/> TATAR</p> <p>006 <input type="radio"/> TURKMEN</p> <p>007 <input type="radio"/> KAZAKH</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>B07_oth. Please specify the ethnic group</p> <p>E b07==999</p>	<p>TEXT b07oth</p> <p>.....</p>
<p>B08. What religion, if any, does %rosteritle% practice?</p> <p>E b03<=2</p>	<p>SINGLE-SELECT b08</p> <p>001 <input type="radio"/> ISLAM (SUNNI)</p> <p>002 <input type="radio"/> ISLAM (SHIA)</p> <p>003 <input type="radio"/> ORTHODOX</p> <p>004 <input type="radio"/> CATHOLICISM</p> <p>005 <input type="radio"/> JUDAISM</p> <p>006 <input type="radio"/> HINDUISM</p> <p>007 <input type="radio"/> NONE</p> <p>999 <input type="radio"/> OTHER</p>
<p>B08_oth. Please specify the religion</p> <p>E b08==999</p>	<p>TEXT b08oth</p> <p>.....</p>
<p>B09. What languages does %rosteritle% speak?</p> <p>I MAXIMUM 3 ANSWERS PLEASE LIST THE LANGUAGES IN ORDER OF FLUENCY.</p> <p>E b04a>=5</p>	<p>MULTI-SELECT: ORDERED b09</p> <p>001 <input type="checkbox"/> TAJIK</p> <p>002 <input type="checkbox"/> UZBEK</p> <p>003 <input type="checkbox"/> RUSSIAN</p> <p>004 <input type="checkbox"/> KYRGYZ</p> <p>005 <input type="checkbox"/> TATAR</p> <p>006 <input type="checkbox"/> TURKMEN</p> <p>007 <input type="checkbox"/> KAZAKH</p> <p>008 <input type="checkbox"/> ENGLISH</p> <p>009 <input type="checkbox"/> FARSI</p> <p>010 <input type="checkbox"/> GERMAN</p> <p>011 <input type="checkbox"/> FRENCH</p> <p>999 <input type="checkbox"/> OTHER</p>

<p>B09_oth. Please specify the language spoken</p> <p>E // either "other" is selected... b09.Contains(999) // ...or "Other" is the only answer provided b09.ContainsOnly(999)</p>	<p>TEXT</p> <p style="text-align: right;">b09oth</p> <p>.....</p>
<p>B10. In which languages can %rosteritle% write?</p> <p>I MAXIMUM 3 ANSWERS. PLEASE LIST THE LANGUAGES IN ORDER OF FLUENCY.</p> <p>F b09.Contains(@optioncode) @optioncode==12</p> <p>E b04a>=5 && IsAnswered(b09)</p> <p>V1 !self.Contains(12) self.ContainsOnly(12)</p> <p>M1 OPTION "HE/SHE CAN'T WRITE" CANNOT BE SELECTED WHILE OTHER OPTIONS ARE SELECTED. PLEASE CHECK</p>	<p>MULTI-SELECT: ORDERED</p> <p style="text-align: right;">b10</p> <p>001 <input type="checkbox"/> TAJIK</p> <p>002 <input type="checkbox"/> UZBEK</p> <p>003 <input type="checkbox"/> RUSSIAN</p> <p>004 <input type="checkbox"/> KYRGYZ</p> <p>005 <input type="checkbox"/> TATAR</p> <p>006 <input type="checkbox"/> TURKMEN</p> <p>007 <input type="checkbox"/> KAZAKH</p> <p>008 <input type="checkbox"/> ENGLISH</p> <p>009 <input type="checkbox"/> FARSI</p> <p>010 <input type="checkbox"/> GERMAN</p> <p>011 <input type="checkbox"/> FRENCH</p> <p>012 <input type="checkbox"/> HE/SHE CAN'T WRITE</p> <p>999 <input type="checkbox"/> OTHER</p>
<p>B10_oth. Please specify the language written</p> <p>E // either "other" is selected... b10.Contains(999) // ...or "Other" is the only answer provided b10.ContainsOnly(999)</p>	<p>TEXT</p> <p style="text-align: right;">b10oth</p> <p>.....</p>
<p>B11. Does %rosteritle% live in this household now?</p>	<p>SINGLE-SELECT</p> <p style="text-align: right;">b11</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>B12. How many months during 2017 has %rosteritle% been away?</p> <p>E b11==2</p> <p>V1 self.InRange(1,12)</p> <p>M1 Reference period is last 12 months. Cannot exceed 12 months.</p>	<p>NUMERIC: INTEGER</p> <p style="text-align: right;">b12</p> <p>-----</p>
<p>B13. What was the main reason for the latest %rosteritle%'s absence?</p> <p>E b11==2</p>	<p>SINGLE-SELECT</p> <p style="text-align: right;">b13</p> <p>001 <input type="radio"/> WORKING IN ANOTHER PART OF TAJIKISTAN</p> <p>002 <input type="radio"/> WORKING IN ANOTHER COUNTRY IN THE CIS</p> <p>003 <input type="radio"/> WORKING IN ANOTHER COUNTRY OUTSIDE THE CIS</p> <p>004 <input type="radio"/> STUDYING</p> <p>005 <input type="radio"/> ON LEAVE / VACATION</p> <p>006 <input type="radio"/> VISITING RELATIVES</p> <p>007 <input type="radio"/> IN HOSPITAL</p> <p>008 <input type="radio"/> IN PRISON</p> <p>009 <input type="radio"/> IN THE ARMY</p> <p>010 <input type="radio"/> ON BUSINESS TRIP</p> <p>999 <input type="radio"/> OTHER</p>
<p>B13_oth. Please specify Other</p> <p>E b13==999</p>	<p>TEXT</p> <p style="text-align: right;">b13oth</p> <p>.....</p>
<p>VARIABLE</p> <p>(b04a*12)+b04b</p>	<p>LONG</p> <p style="text-align: right;">agemonths</p>

[C.] EDUCATION

E consent==1 && hhroster.Any(x=>x.b04a>=7)

E b04a>=7

<p>C02. Has %rosteritle% ever attended school?</p>	<p>SINGLE-SELECT c02 001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW</p>
<p>C03. What was the highest education degree that %rosteritle% has acquired?</p>	<p>SINGLE-SELECT c03 000 <input type="radio"/> NURSERY/PRESCHOOL 001 <input type="radio"/> PRIMARY 002 <input type="radio"/> SECONDARY 003 <input type="radio"/> PRIMARY VOCATIONAL EDUCATION 004 <input type="radio"/> PRIMARY PROFESSIONAL EDUCATION BASED ON SECONDARY GENERAL EDUCATION 005 <input type="radio"/> SECONDARY PROFESSIONAL EDUCATION 006 <input type="radio"/> BACHELOR DEGREE 007 <input type="radio"/> MASTER DEGREE 008 <input type="radio"/> SPECIALIST DEGREE 009 <input type="radio"/> CANDIDATE OF SCIENCE 010 <input type="radio"/> DOCTOR OF SCIENCE 888 <input type="radio"/> DON'T KNOW</p>
<p>I COMPLETED DEGREE E c02==1</p>	
<p>C03_1. COMPLETED GRADE OF PRIMARY SCHOOL</p>	<p>SINGLE-SELECT c03_1 01 <input type="radio"/> GRADE 1 02 <input type="radio"/> GRADE 2 03 <input type="radio"/> GRADE 3 04 <input type="radio"/> GRADE 4</p>
<p>I Please select the grade of the highest class completed. E c03==1</p>	
<p>C03_2. COMPLETED GRADE OF SECONDARY SCHOOL</p>	<p>SINGLE-SELECT c03_2 01 <input type="radio"/> GRADE 5 02 <input type="radio"/> GRADE 6 03 <input type="radio"/> GRADE 7 04 <input type="radio"/> GRADE 8 05 <input type="radio"/> GRADE 9 06 <input type="radio"/> GRADE 10 07 <input type="radio"/> GRADE 11</p>
<p>I Please select the grade of the highest class completed. E c03==2</p>	
<p>C03_3. COMPLETED GRADE OF PRIMARY VOCATIONAL EDUCATION</p>	<p>SINGLE-SELECT c03_3 01 <input type="radio"/> FIRST YEAR 02 <input type="radio"/> SECOND YEAR 03 <input type="radio"/> THIRD YEAR</p>
<p>I Please select the grade of the highest class completed. E c03==3</p>	
<p>C03_5. COMPLETED YEAR OF SECONDARY PROFESSIONAL EDUCATION</p>	<p>SINGLE-SELECT c03_5 01 <input type="radio"/> FIRST YEAR 02 <input type="radio"/> SECOND YEAR 03 <input type="radio"/> THIRD YEAR 04 <input type="radio"/> FOURTH YEAR</p>
<p>I Please select the grade of the highest class completed. E c03==5</p>	

<p>C03_6. COMPLETED YEARS OF BACHELOR DEGREE</p> <p>I Please select the grade of the highest class completed. E c03==6</p>	<p>SINGLE-SELECT c03_6</p> <p>01 <input type="radio"/> FIRST YEAR 02 <input type="radio"/> SECOND YEAR 03 <input type="radio"/> THIRD YEAR 04 <input type="radio"/> FOURTH YEAR 05 <input type="radio"/> FIFTH YEAR (MED SCHOOL)</p>
<p>C03_7. COMPLETED YEARS OF MASTER DEGREE</p> <p>I Please select the grade of the highest class completed. E c03==7</p>	<p>SINGLE-SELECT c03_7</p> <p>01 <input type="radio"/> FIRST YEAR 02 <input type="radio"/> SECOND YEAR</p>
<p>C03_8. COMPLETED YEARS OF SPECIALIST DEGREE</p> <p>I Please select the grade of the highest class completed. E c03==8</p>	<p>SINGLE-SELECT c03_8</p> <p>01 <input type="radio"/> FIRST YEAR 02 <input type="radio"/> SECOND YEAR 03 <input type="radio"/> THIRD YEAR 04 <input type="radio"/> FOURTH YEAR 05 <input type="radio"/> FIFTH YEAR</p>
<p>C03_9. COMPLETED YEARS OF CANDIDATE OF SCIENCE</p> <p>E c03==9</p>	<p>SINGLE-SELECT c03_9</p> <p>01 <input type="radio"/> FIRST YEAR 02 <input type="radio"/> SECOND YEAR 03 <input type="radio"/> THIRD YEAR</p>
<p>C03_10. COMPLETED YEARS OF DOCTOR OF SCIENCE</p> <p>E c03==10</p>	<p>SINGLE-SELECT c03_10</p> <p>01 <input type="radio"/> FIRST YEAR 02 <input type="radio"/> SECOND YEAR 03 <input type="radio"/> THIRD YEAR</p>
<p>C04. Is %rosteritle% attending school now?</p> <p>E c02==1</p>	<p>SINGLE-SELECT c04</p> <p>001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW</p>
<p>C05. How old was %rosteritle% when he/she stopped full-time education?</p> <p>E c04==2 c04==888 V1 self<=b04a M1 This value should not exceed individual's current age. V2 self>5 M2 This value is too small for %rosteritle% level of education.</p>	<p>NUMERIC: INTEGER c05</p> <p>-----</p>
<p>C06. How does %rosteritle% get to school each day?</p> <p>I Indicate the MAIN mode of transport E c04==1</p>	<p>SINGLE-SELECT c06</p> <p>001 <input type="radio"/> FOOT 002 <input type="radio"/> BICYCLE 003 <input type="radio"/> BUS/MINIBUS 004 <input type="radio"/> PRIVATE VEHICLE 999 <input type="radio"/> OTHER 888 <input type="radio"/> DON'T KNOW</p>
<p>C06_oth. Please specify other mean of transport</p> <p>E c06==999</p>	<p>TEXT c06oth</p> <p>-----</p>
<p>C07a. How long does it usually take %rosteritle% to get to school by this means of transport?</p> <p>I HOURS E c06==1 c06==2 c06==3 c06==4 c06==999 V1 self.InRange(0,24) M1 Unlikely value: please check.</p>	<p>NUMERIC: INTEGER c07a</p> <p>-----</p>

<p>C07b. MINUTES</p> <p>E c06==1 c06==2 c06==3 c06==4 c06==999</p> <p>V1 self.InRange(0,59)</p> <p>M1 Unlikely value, please check and confirm.</p>	<p>NUMERIC: INTEGER c07b</p> <p>-----</p>
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STATIC TEXT

E c04==1

C08. How much was spent on %rostertitle%'s education in 2017 by the household, family, and friends for:

<p>C08a. Tuition, including extra tuition fees and transport costs</p> <p>I RECORD EXPENDITURES IN SOMONI If nothing was spent, record "0".</p> <p>E c04==1</p>	<p>NUMERIC: INTEGER c08a</p> <p>-----</p>
---	--

<p>C08b. Other school expensens</p> <p>I RECORD EXPENDITURES IN SOMONI. If nothing was spent, record "0".</p> <p>E c04==1</p>	<p>NUMERIC: INTEGER c08b</p> <p>-----</p>
---	--

[D.] CHILD ANTHROPOMETRY

E consent==1

[D.] CHILD ANTHROPOMETRY

Roster: CHILD ANTHROPOMETRY

generated by list question [b01](#)

childroster

E agemonths<=60 && agemonths>=6

<p>D01. MOTHER / GUARDIAN OF THE CHILD IN THE HOUSEHOLD</p> <p>F /// Restrict answer options to household members 10 years and older b04a>=10</p>	<p>SINGLE-SELECT: LINKED d01</p>
--	---

<p>D02. Is %rostertitle% %b04a% years and %b04b% months old?</p>	<p>SINGLE-SELECT d02</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
--	--

STATIC TEXT

E d02==2

PLEASE ASK AGAIN %rostertitle%'s AGE AND CHANGE THE RELATIVE ANSWER IN MODULE B.

<p>D03. WAS %childroster% MEASURED?</p>	<p>SINGLE-SELECT d03</p> <p>01 <input type="radio"/> YES, MEASURED FULLY</p> <p>02 <input type="radio"/> YES, MEASURED PARTIALLY</p> <p>03 <input type="radio"/> NO</p>
---	--

<p>D04. WHY NOT?</p> <p>E d03==3</p>	<p>SINGLE-SELECT d04</p> <p>001 <input type="radio"/> NOT AT HOME DURING SURVEY PERIOD</p> <p>002 <input type="radio"/> TOO ILL</p> <p>003 <input type="radio"/> UNWILLING</p> <p>999 <input type="radio"/> OTHER</p>
--------------------------------------	--

<p>D04_oth. Please specify the other reason why %rostertitle% was not measured.</p> <p>E d04==999</p>	<p>TEXT d04oth</p> <p>-----</p>
---	--

<p>D05. WEIGHT OF CHILD</p> <p>I IN KG TO ONE DECIMAL PLACE. E d03.InList(1,2)</p> <p>VI /// Calculates the z score for the weight for age for this person to spot large outliers in weight. The range is +/- 3 z scores ((double?) ZScore.wfa(agemonths,b02=-1,self)).InRange(-3,3)</p> <p>M1 Weight recorded for child seems unlikely. Please confirm that the correct weight was recorded for this child.</p>	<p>NUMERIC: DECIMAL d05</p> <p>-----</p>
--	---

<p>D06. HEIGHT / LENGTH OF CHILD</p> <p>I IN CM, TO ONE DECIMAL PLACE. CHILDREN AGED UNDER 24 MONTHS SHOULD BE MEASURED LYING DOWN. ALL OTHERS, STANDING. E d03.InList(1,2)</p> <p>VI /// Calculates the z score for the height/length for age for this person to spot large outliers in height/length. The range is +/- 3 z scores ((double?) ZScore.Lhfa(agemonths, b02==1,self)).InRa And 9 other symbols [3]</p> <p>M1 The height recorded for this child seems to be unlikely. Please confirm that the correct height was recorded for this child.</p>	<p>NUMERIC: DECIMAL d06</p> <p>-----</p>
---	---

<p>D07. HEIGHT / LENGTH OF CHILD MEASURED WITH CHILD STANDING OR LYING DOWN?</p> <p>E d03.InList(1,2)</p>	<p>SINGLE-SELECT d07</p> <p>01 <input type="radio"/> STANDING 02 <input type="radio"/> LYING DOWN 03 <input type="radio"/> NOT APPLICABLE</p>
--	--

<p>D08. WAS THE MEASUREMENT OF THE CHILD DONE IN A NORMAL MANNER, OR WAS MEASUREMENT DIFFICULT?</p> <p>E d03.InList(1,2)</p>	<p>SINGLE-SELECT d08</p> <p>01 <input type="radio"/> NORMAL 02 <input type="radio"/> DIFFICULT</p>
---	--

<p>D09. ASK TO MOTHER / GUARDIAN: Does the child participate in a <u>nutrition programme</u>?</p>	<p>SINGLE-SELECT d09</p> <p>01 <input type="radio"/> YES 02 <input type="radio"/> NO</p>
--	--

<p>D10. DID CHILD APPEAR TO HAVE EDEMA (SWELLING THAT IS NOT NORMAL)?</p>	<p>SINGLE-SELECT d10</p> <p>01 <input type="radio"/> YES 02 <input type="radio"/> NO</p>
--	--

<p>D11. Was the child given measles vaccination, injections or MMR, a shot in the arm at the age of 9 months or older?</p> <p>E // older than 9 months or older than 1 year b04b>= 9 b04a >0</p>	<p>SINGLE-SELECT d11</p> <p>01 <input type="radio"/> YES 02 <input type="radio"/> NO</p>
--	--

[E.] HOUSING

E consent==1

<p>E01. On what basis does the household occupy the dwelling?</p>	<p>SINGLE-SELECT e01</p> <p>01 <input type="radio"/> OWNED 02 <input type="radio"/> PROVIDED FOR FREE BY THE EMPLOYER 03 <input type="radio"/> FREE, AUTHORIZED 04 <input type="radio"/> FREE, NOT AUTHORIZED 05 <input type="radio"/> RENTED</p>
--	--

<p>E02. If <u>this dwelling was sold today</u>, how much would its market price be?</p> <p>I Record amount in SOMONI. IF "DON'T KNOW", PLEASE RECORD "888"</p> <p>E e01!=6</p>	<p>NUMERIC: INTEGER e02</p> <p>-----</p>
<p>E03a. How much do you pay to <u>rent</u> this dwelling?</p> <p>I Record amount in SOMONI.</p> <p>E e01==5</p>	<p>NUMERIC: INTEGER e03a</p> <p>-----</p>
<p>E03b. PLEASE SELECT TIME UNIT OF RENT.</p> <p>E e03a>0</p>	<p>SINGLE-SELECT e03b</p> <p>01 <input type="radio"/> DAY</p> <p>02 <input type="radio"/> WEEK</p> <p>03 <input type="radio"/> MONTH</p> <p>04 <input type="radio"/> YEAR</p>
<p>E04. How many years ago was this house built?</p> <p>I NUMBER OF YEARS</p> <p>V1 self.InRange(0,100) self==999</p> <p>M1 The age of this building seems unlikely. Please check.</p>	<p>NUMERIC: INTEGER e04</p> <p>-----</p>
<p>E05. The <u>outer walls</u> of the main dwelling of the household are predominantly made of what material?</p>	<p>SINGLE-SELECT e05</p> <p>001 <input type="radio"/> CONCRETE</p> <p>002 <input type="radio"/> WOOD / LOGS</p> <p>003 <input type="radio"/> CLAY / SAMAN</p> <p>004 <input type="radio"/> SOIL</p> <p>999 <input type="radio"/> OTHER, SPECIFY</p>
<p>E05_oth. Please specify the material that the <u>outer walls</u> of this dwelling is predominantly made of.</p> <p>E e05==999</p> <p>V1 self.Length>3</p> <p>M1 Error! Description is too short.</p>	<p>TEXT e05oth</p> <p>-----</p>
<p>E06. The <u>roof</u> of the main dwelling is predominantly made of what material?</p>	<p>SINGLE-SELECT e06</p> <p>001 <input type="radio"/> METAL / ZINC</p> <p>002 <input type="radio"/> ROOF TILES</p> <p>003 <input type="radio"/> CONCRETE</p> <p>004 <input type="radio"/> SLATE</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
<p>E06_oth. Please specify the material that the <u>roof</u> of this main dwelling is predominantly made of</p> <p>E e06==999</p> <p>V1 self.Length>3</p> <p>M1 Error! Description is too short.</p>	<p>TEXT e06oth</p> <p>-----</p>
<p>E07. The <u>floor</u> of the main dwelling is predominantly made of what material?</p>	<p>SINGLE-SELECT e07</p> <p>001 <input type="radio"/> CONCRETE SLAB</p> <p>002 <input type="radio"/> CERAMIC TILE</p> <p>003 <input type="radio"/> WOOD</p> <p>004 <input type="radio"/> SOIL / DIRT</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
<p>E07_oth. Please specify the material the <u>floor</u> of the main dwelling is made of</p> <p>E e07==999</p> <p>V1 self.Length>3</p> <p>M1 Error! Description is too short.</p>	<p>TEXT e07oth</p> <p>-----</p>

<p>E08. How many separate rooms does the household occupy?</p> <p>I DO NOT COUNT BATHROOMS, TOILETS, STOREROOMS, OR GARAGE</p> <p>V1 self.InRange(0,10)</p> <p>M1 The number of room seems unlikely. Please check.</p>	<p>NUMERIC: INTEGER e08</p> <p>-----</p>
<p>E09. What kind of toilet facility does your household use?</p>	<p>SINGLE-SELECT e09</p> <p>000 <input type="radio"/> NONE</p> <p>001 <input type="radio"/> FLUSH TOILET</p> <p>002 <input type="radio"/> MODERN LATRINE</p> <p>003 <input type="radio"/> TRADITIONAL LATRINE WITH ROOF</p> <p>004 <input type="radio"/> TRADITIONAL LATRINE WITHOUT ROOF</p> <p>999 <input type="radio"/> OTHER, SPECIFY</p>
<p>E09_oth. Please specify the type of toilet facility your household uses.</p> <p>E e09==999</p> <p>V1 self.Length>4</p> <p>M1 Error! Description is too short.</p>	<p>TEXT e09oth</p> <p>-----</p>
<p>E10. Is this toilet facility for the use of:</p> <p>I READ RESPONSES</p> <p>E e09!=0</p>	<p>SINGLE-SELECT e10</p> <p>01 <input type="radio"/> HOUSEHOLD MEMBERS ONLY</p> <p>02 <input type="radio"/> OTHER HOUSEHOLDS ALSO</p>
<p>E11. Is this household connected to the <u>sewage system</u>?</p> <p>E e09!=0</p>	<p>SINGLE-SELECT e11</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>E12. What kind of waste disposal facilities does your household use?</p>	<p>SINGLE-SELECT e12</p> <p>000 <input type="radio"/> NONE</p> <p>001 <input type="radio"/> COLLECTED IN RUBBISH BIN</p> <p>002 <input type="radio"/> RUBBISH PIT</p> <p>003 <input type="radio"/> BURNING</p> <p>004 <input type="radio"/> PUBLIC RUBBISH HEAP</p> <p>999 <input type="radio"/> OTHER</p>
<p>E12_oth. Please specify the kind of <u>waste disposal</u> your household uses.</p> <p>E e12==999</p> <p>V1 self.Length>4</p> <p>M1 Error! Description is too short.</p>	<p>TEXT e12oth</p> <p>-----</p>
<p>E13. What source of <u>heating</u> does your household mainly use?</p>	<p>SINGLE-SELECT e13</p> <p>000 <input type="radio"/> NONE / NO HEATING</p> <p>001 <input type="radio"/> ELECTRICITY</p> <p>002 <input type="radio"/> WOOD</p> <p>003 <input type="radio"/> GAS</p> <p>004 <input type="radio"/> OIL, PETROL</p> <p>005 <input type="radio"/> COAL</p> <p>006 <input type="radio"/> DUNG</p> <p>007 <input type="radio"/> COTTON STALKS</p> <p>008 <input type="radio"/> BARJUIKA (WOOD STOVE)</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>

<p>E13_oth. Please specify the source of heating your household uses.</p> <p>E e13==999 VI self.Length>3 MI Error! Description is too short.</p>	<p>TEXT e13oth</p> <p>.....</p>
<p>E14. What is your main source of energy for <u>lighting</u>?</p>	<p>SINGLE-SELECT e14</p> <p>001 <input type="radio"/> COLLECTED FIRE WOOD 002 <input type="radio"/> PURCHASED FIRE WOOD 003 <input type="radio"/> GRASS 004 <input type="radio"/> PARAFFIN 005 <input type="radio"/> ELECTRICITY 006 <input type="radio"/> GAS 007 <input type="radio"/> BATTERY / DRY CELL (TORCH) 008 <input type="radio"/> CANDLES 009 <input type="radio"/> COAL 010 <input type="radio"/> OIL / KEROSENE 011 <input type="radio"/> DIESEL FUEL 012 <input type="radio"/> BATTERY / DRY CELL (CAR) 999 <input type="radio"/> OTHER, SPECIFY</p>
<p>E14_oth. Please specify the source of energy for <u>lighting</u>.</p> <p>E e14==999 VI self.Length>3 MI Error! Description is too short.</p>	<p>TEXT e14oth</p> <p>.....</p>
<p>E15. What is your main source of energy for <u>cooking</u>?</p>	<p>SINGLE-SELECT e15</p> <p>000 <input type="radio"/> NONE 001 <input type="radio"/> ELECTRICITY 002 <input type="radio"/> WOOD 003 <input type="radio"/> GAS 004 <input type="radio"/> OIL, PETROL 005 <input type="radio"/> COAL 006 <input type="radio"/> DUNG 007 <input type="radio"/> COTTON STALKS 999 <input type="radio"/> OTHER, SPECIFY</p>
<p>E15_oth. Please specify the source of energy for <u>cooking</u></p> <p>E e15==999 VI self.Length>4 MI Error! Description is too short.</p>	<p>TEXT e15oth</p> <p>.....</p>
<p>E16. What is your main source of <u>drinking water</u>?</p>	<p>SINGLE-SELECT e16</p> <p>001 <input type="radio"/> PLUMBING 002 <input type="radio"/> PUBLIC TAP / STANDPIPE 003 <input type="radio"/> HAND PUMP 004 <input type="radio"/> PROTECTED, DUG WELL OR SPRING 005 <input type="radio"/> UNPROTECTED, DUG WELL OR SPRING 006 <input type="radio"/> TANKER TRUCK 007 <input type="radio"/> LAKE, RIVER, STREAM 008 <input type="radio"/> BOTTLED WATER 009 <input type="radio"/> GROUNDWATER 999 <input type="radio"/> OTHER (SPECIFY)</p>

<p>E16_oth. Please specify the source of drinking water</p> <p>E e16==999 VI self.Length>4 MI Error! Description is too short.</p>	<p>TEXT e16oth</p> <p>.....</p>
<p>E17. Do you have electricity working in your dwelling?</p> <p>E e13!=1 && e14!=5 && e15!=1</p>	<p>SINGLE-SELECT e17</p> <p>01 <input type="radio"/> YES 02 <input type="radio"/> NO</p>
<p>E18a. In the event of a black out, what <u>source of energy</u> do you use for <u>lighting</u>?</p> <p>E e14==5</p>	<p>SINGLE-SELECT e18a</p> <p>001 <input type="radio"/> FIREWOOD 002 <input type="radio"/> PARAFFIN 999 <input type="radio"/> OTHER, SPECIFY</p>
<p>E18a_oth. Please specify which source of energy you use for lighting in the event of a black out.</p> <p>E e18a==999 VI self.Length>4 MI Error! Description too short.</p>	<p>TEXT e18aoth</p> <p>.....</p>
<p>E18b. In the event of a black out, what <u>source of energy</u> do you use for <u>cooking</u>?</p> <p>E e15==1</p>	<p>SINGLE-SELECT e18b</p> <p>001 <input type="radio"/> CHARCOAL 002 <input type="radio"/> FIREWOOD 003 <input type="radio"/> GAS 004 <input type="radio"/> PARAFFIN 999 <input type="radio"/> OTHER, SPECIFY</p>
<p>E18b_oth. Please specify which source of energy you use for cooking in the event of a black out.</p> <p>E e18b==999 VI self.Length>4 MI Error! Description too short.</p>	<p>TEXT e18both</p> <p>.....</p>
<p>E19. Does your village have access to electricity?</p> <p>E e17==2 e13!=1 e14!=5 e15!=1</p>	<p>SINGLE-SELECT e19</p> <p>001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW</p>
<p>E20. What is the main reason for your household not to have access to electricity?</p> <p>E (e17==2 && e19==1)</p>	<p>SINGLE-SELECT e20</p> <p>001 <input type="radio"/> CONNECTION / WIRING FEE UNAFFORDABLE 002 <input type="radio"/> NO NEED FOR ELECTRICITY 003 <input type="radio"/> DWELLING UNAPPROPRIATE FOR CONNECTION 004 <input type="radio"/> APPLICATION PENDING 005 <input type="radio"/> LINE WAS DISCONNECTED 999 <input type="radio"/> OTHER (SPECIFY)</p>
<p>E20_oth. Please specify Other</p> <p>E e20==999 VI self.Length>4 MI Error! Description too short.</p>	<p>TEXT e20oth</p> <p>.....</p>
<p>E21. How do you get gas?</p> <p>E e13==3 e14==6 e15==3 e18b==3</p>	<p>SINGLE-SELECT e21</p> <p>001 <input type="radio"/> GASPIPE 002 <input type="radio"/> GAS CYLINDERS 999 <input type="radio"/> OTHER (SPECIFY)</p>

E21_oth. Please specify Other

TEXT

e21oth

E e21==999
V1 self.Length>4
M1 Error! Description too short.

E22. Did you invest in your dwelling (e.g built new rooms, re-done floor, walls and/or windows) since 2011?

SINGLE-SELECT

e22

001 YES
002 NO
888 DON'T KNOW

[F.] DURABLE GOODS

E consent==1

F01. Does your household currently own the following items:

MULTI-SELECT: YES/NO

f01

- 101 / Gas oven and/or electric oven
- 102 / Stove
- 103 / Outdoor metal stove
- 104 / Tandor/Earhen stove (bricks, grass, dung, sand)
- 105 / Sandalee
- 106 / Generator
- 107 / Refrigerator
- 108 / Freezer
- 109 / Washing machine
- 110 / Electric iron
- 111 / Vacuum cleaner
- 112 / Air conditioner
- 113 / Electric fan
- 114 / Electric room heater
- 115 / Water boiler
- 116 / Microwave oven

[And 11 other symbols \[3\]](#)

[F.] DURABLE GOODS
Roster: DURABLE GOOD
generated by multi-select question f01

hh_items

F02. How many %rosteritle% does your household own?

NUMERIC: INTEGER

f02

I ITEMS MUST BE FUNCTIONAL
V1 self>0
M1 Respondent stated that household owns %rosteritle%. Quantity must therefore be larger than ZERO. Please check.
V2 f01.Missing.Length==0
M2 Respondent has not yet answered all questions on the ownership of durable goods. Please ask all questions.

[G.] RAPID CONSUMPTION ASSESSMENT

E consent==1

STATIC TEXT

Now we would like to discuss what your family ate or drank at home.

G01. In the last 7 days, did you or anyone in the household eat or drink ...?

MULTI-SELECT: YES/NO

g01

- 01 / CEREALS (Ex. Bread, scone, noodles, pasta, biscuits, cookies or any other foods made from millet, maize, rice, wheat.)
- 02 / VITAMIN A RICH VEGETABLES AND TUBERS (Ex. Pumpkins, carrots, squash/scallop, cabbages, tomatoes, red peppers.)
- 03 / WHITE TUBERS AND ROOTS (Ex. White potatoes, small radish, white radish, garlic, onion, or foods made from roots.)
- 04 / DARK GREEN LEAFY VEGETABLES (Ex. dark green/leafy vegetables, lettuce, celeriac, parsley, dill, basil, dock broccoli, sea cabbage (including wild ones).)
- 05 / OTHER VEGETABLES (Ex. egg plants, yellow peppers, sweet peppers) including wild vegetables.)
- 06 / VITAMIN A RICH FRUITS (Ex. Apricots, melons, watermelons, cherry plums, grapefruits, mangoes, plums.)
- 07 / OTHER FRUITS (Ex. peaches, apples, pomegranates, kiwis, oranges, mandarins, bananas, grapes, persimmons, figs, quinces, lemons, cherries, dates. Including wild fruits and berries)
- 08 / MEAT (Ex. Beef, pork, lamb, goat, rabbit, wild game, chicken, duck, or other birds, liver, kidney, heart or other organ meats or blood-based foods.)
- 09 / EGGS (Ex. Chicken eggs, quail eggs.)
- 10 / FISH (Ex. Fresh or dried fish or shellfish.)
- 11 / LEGUMES, NUTS AND SEEDS (Ex. Beans, peas, lentils, nuts, seeds or foods made from these, sunflower seeds, pumpkin seeds, walnuts, peanuts, pistachios.)
- 12 / MILK AND MILK PRODUCTS (Ex. Milk, cheese, yogurt or other milk products.)
- 13 / OILS AND FATS (Ex. Oil, fats or butter added to food or used for cooking.)
- 14 / SWEETS (Ex. Sugar, honey, sweetened soda or sugary foods such as chocolates, sweets or candies)
- 15 / SPICES AND CAFFEINATED BEVERAGES (Ex. Spices, coffee, tea.)
- 16 / ALCOHOLIC BEVERAGES

G02. In the last 24 hours, did you or anyone in the household eat or drink ...?

F (IsAnswered(g01) && g01.Yes.Contains(@optioncode))

MULTI-SELECT: YES/NO

g02

- 01 / CEREALS (Ex. Bread, scone, noodles, pasta, biscuits, cookies or any other foods made from millet, maize, rice, wheat.)
- 02 / VITAMIN A RICH VEGETABLES AND TUBERS (Ex. Pumpkins, carrots, squash/scallop, cabbages, tomatoes, red peppers.)
- 03 / WHITE TUBERS AND ROOTS (Ex. White potatoes, small radish, white radish, garlic, onion, or foods made from roots.)
- 04 / DARK GREEN LEAFY VEGETABLES (Ex. dark green/leafy vegetables, lettuce, celeriac, parsley, dill, basil, dock broccoli, sea cabbage (including wild ones).)
- 05 / OTHER VEGETABLES (Ex. egg plants, yellow peppers, sweet peppers) including wild vegetables.)
- 06 / VITAMIN A RICH FRUITS (Ex. Apricots, melons, watermelons, cherry plums, grapefruits, mangoes, plums.)
- 07 / OTHER FRUITS (Ex. peaches, apples, pomegranates, kiwis, oranges, mandarins, bananas, grapes, persimmons, figs, quinces, lemons, cherries, dates. Including wild fruits and berries)
- 08 / MEAT (Ex. Beef, pork, lamb, goat, rabbit, wild game, chicken, duck, or other birds, liver, kidney, heart or other organ meats or blood-based foods.)
- 09 / EGGS (Ex. Chicken eggs, quail eggs.)
- 10 / FISH (Ex. Fresh or dried fish or shellfish.)
- 11 / LEGUMES, NUTS AND SEEDS (Ex. Beans, peas, lentils, nuts, seeds or foods made from these, sunflower seeds, pumpkin seeds, walnuts, peanuts, pistachios.)
- 12 / MILK AND MILK PRODUCTS (Ex. Milk, cheese, yogurt or other milk products.)
- 13 / OILS AND FATS (Ex. Oil, fats or butter added to food or used for cooking.)
- 14 / SWEETS (Ex. Sugar, honey, sweetened soda or sugary foods such as chocolates, sweets or candies)
- 15 / SPICES AND CAFFEINATED BEVERAGES (Ex. Spices, coffee, tea.)
- 16 / ALCOHOLIC BEVERAGES

G03. Did you or anyone in your household eat anything (meal or snack) OUTSIDE (restaurants and friends'/relatives' home) in the last 7 days?

SINGLE-SELECT

g03

- 001 YES
- 002 NO
- 888 DON'T KNOW

G04. Did you or anyone in your household eat anything (meal or snack) OUTSIDE (restaurants and friends'/relatives' home) last 24 hours?

E g03==1

SINGLE-SELECT

g04

- 001 YES
002 NO
888 DON'T KNOW

[H.] FOOD SECURITY

E consent==1

H01a. Did you worry that your household would not have enough food in 2017?

SINGLE-SELECT

h01a

- 00 NO
01 YES, ONCE OR TWICE
02 YES, THREE TO TEN TIMES
03 YES, MORE THAN 10 TIMES

H01b. Did you worry that your household would not have enough food in the past 3 months?

E h01a.InList(1,2,3)

SINGLE-SELECT

h01b

- 00 NO
01 YES, ONCE OR TWICE
02 YES, THREE TO TEN TIMES
03 YES, MORE THAN 10 TIMES

STATIC TEXT

Did it happen that you or other adults in your household..

H02a. ...were not able to eat the kinds of food you would have preferred to eat because of lack of resources in 2017?

SINGLE-SELECT

h02a

- 00 NO
01 YES, ONCE OR TWICE
02 YES, THREE TO TEN TIMES
03 YES, MORE THAN 10 TIMES

H02b. ...were not able to eat the kinds of food you would have preferred to eat because of lack of resources in the past 3 months?

E h02a.InList(1,2,3)

SINGLE-SELECT

h02b

- 00 NO
01 YES, ONCE OR TWICE
02 YES, THREE TO TEN TIMES
03 YES, MORE THAN 10 TIMES

STATIC TEXT

Did it happen that you or other adults in your household..

H03a. ...had to eat a limited variety of foods because of lack of resources in 2017?

SINGLE-SELECT

h03a

- 00 NO
01 YES, ONCE OR TWICE
02 YES, THREE TO TEN TIMES
03 YES, MORE THAN 10 TIMES

H03b. ...had to eat a limited variety of foods because of lack of resources in the past 3 months?

E h03a.InList(1,2,3)

SINGLE-SELECT

h03b

- 00 NO
01 YES, ONCE OR TWICE
02 YES, THREE TO TEN TIMES
03 YES, MORE THAN 10 TIMES

STATIC TEXT

Did it happen that you or other adults in your household..

<p>H04a. ...had to eat some foods that you really did not want to eat because of lack of resources <u>in 2017?</u></p>	<p>SINGLE-SELECT h04a</p> <p>00 <input type="radio"/> NO</p> <p>01 <input type="radio"/> YES, ONCE OR TWICE</p> <p>02 <input type="radio"/> YES, THREE TO TEN TIMES</p> <p>03 <input type="radio"/> YES, MORE THAN 10 TIMES</p>
<p>H04b. ...had to eat some foods that you really did not want to eat because of lack of resources <u>in the past 3 months?</u></p> <p>E h04a.InList(1,2,3)</p>	<p>SINGLE-SELECT h04b</p> <p>00 <input type="radio"/> NO</p> <p>01 <input type="radio"/> YES, ONCE OR TWICE</p> <p>02 <input type="radio"/> YES, THREE TO TEN TIMES</p> <p>03 <input type="radio"/> YES, MORE THAN 10 TIMES</p>
<p>STATIC TEXT</p> <p><i>Did it happen that you or other adults in your household..</i></p>	
<p>H05a. ...had to eat a smaller meal than you felt you needed because there was not enough food <u>in 2017?</u></p>	<p>SINGLE-SELECT h05a</p> <p>00 <input type="radio"/> NO</p> <p>01 <input type="radio"/> YES, ONCE OR TWICE</p> <p>02 <input type="radio"/> YES, THREE TO TEN TIMES</p> <p>03 <input type="radio"/> YES, MORE THAN 10 TIMES</p>
<p>H05b. ...had to eat a smaller meal than you felt you needed because there was not enough food <u>in the past 3 months?</u></p> <p>E h05a.InList(1,2,3)</p>	<p>SINGLE-SELECT h05b</p> <p>00 <input type="radio"/> NO</p> <p>01 <input type="radio"/> YES, ONCE OR TWICE</p> <p>02 <input type="radio"/> YES, THREE TO TEN TIMES</p> <p>03 <input type="radio"/> YES, MORE THAN 10 TIMES</p>
<p>STATIC TEXT</p> <p><i>Did it happen that you or other adults in your household..</i></p>	
<p>H06a. ...had to eat fewer meals in a day because there was not enough food <u>in 2017?</u></p>	<p>SINGLE-SELECT h06a</p> <p>00 <input type="radio"/> NO</p> <p>01 <input type="radio"/> YES, ONCE OR TWICE</p> <p>02 <input type="radio"/> YES, THREE TO TEN TIMES</p> <p>03 <input type="radio"/> YES, MORE THAN 10 TIMES</p>
<p>H06b. ...had to eat fewer meals in a day because there was not enough food <u>in the past 3 months?</u></p> <p>E h06a.InList(1,2,3)</p>	<p>SINGLE-SELECT h06b</p> <p>00 <input type="radio"/> NO</p> <p>01 <input type="radio"/> YES, ONCE OR TWICE</p> <p>02 <input type="radio"/> YES, THREE TO TEN TIMES</p> <p>03 <input type="radio"/> YES, MORE THAN 10 TIMES</p>
<p>STATIC TEXT</p> <p><i>Did it happen that you or other adults in your household..</i></p>	
<p>H07a. ...went to sleep at night hungry because there was not enough food <u>in 2017?</u></p>	<p>SINGLE-SELECT h07a</p> <p>00 <input type="radio"/> NO</p> <p>01 <input type="radio"/> YES, ONCE OR TWICE</p> <p>02 <input type="radio"/> YES, THREE TO TEN TIMES</p> <p>03 <input type="radio"/> YES, MORE THAN 10 TIMES</p>
<p>H07b. ...went to sleep at night hungry because there was not enough food <u>in the past 3 months?</u></p> <p>E h07a.InList(1,2,3)</p>	<p>SINGLE-SELECT h07b</p> <p>00 <input type="radio"/> NO</p> <p>01 <input type="radio"/> YES, ONCE OR TWICE</p> <p>02 <input type="radio"/> YES, THREE TO TEN TIMES</p> <p>03 <input type="radio"/> YES, MORE THAN 10 TIMES</p>
<p>STATIC TEXT</p> <p><i>Did it happen that you or other adults in your household..</i></p>	

H08a. ...went a whole day and night without eating anything at all because there was not enough food <u>in 2017?</u>	SINGLE-SELECT 00 <input type="radio"/> NO 01 <input type="radio"/> YES, ONCE OR TWICE 02 <input type="radio"/> YES, THREE TO TEN TIMES 03 <input type="radio"/> YES, MORE THAN 10 TIMES	h08a
H08b. ...went a whole day and night without eating anything at all because there was not enough food <u>in the past 3 months?</u>	SINGLE-SELECT 00 <input type="radio"/> NO 01 <input type="radio"/> YES, ONCE OR TWICE 02 <input type="radio"/> YES, THREE TO TEN TIMES 03 <input type="radio"/> YES, MORE THAN 10 TIMES	h08b
E h08a.InList(1,2,3)		
H09a. Did it happen that there was no food to eat of any kind in your house because of lack of resources to get food <u>in 2017?</u>	SINGLE-SELECT 00 <input type="radio"/> NO 01 <input type="radio"/> YES, ONCE OR TWICE 02 <input type="radio"/> YES, THREE TO TEN TIMES 03 <input type="radio"/> YES, MORE THAN 10 TIMES	h09a
H09b. Did it happen that there was no food to eat of any kind in your house because of lack of resources to get food <u>in the past 3 months?</u>	SINGLE-SELECT 00 <input type="radio"/> NO 01 <input type="radio"/> YES, ONCE OR TWICE 02 <input type="radio"/> YES, THREE TO TEN TIMES 03 <input type="radio"/> YES, MORE THAN 10 TIMES	h09b
E h09a.InList(1,2,3)		

[H.] FOOD SECURITY
CHILDREN

E hhroster.Any(x=>x.b04a<=15)

STATIC TEXT

Did it happen that any child under 15 in your household...

H10a. ...had to eat a limited variety of foods because of lack of resources <u>in 2017?</u>	SINGLE-SELECT 00 <input type="radio"/> NO 01 <input type="radio"/> YES, ONCE OR TWICE 02 <input type="radio"/> YES, THREE TO TEN TIMES 03 <input type="radio"/> YES, MORE THAN 10 TIMES	h10a
H10b. ...had to eat a limited variety of foods because of lack of resources <u>in the past 3 months?</u>	SINGLE-SELECT 00 <input type="radio"/> NO 01 <input type="radio"/> YES, ONCE OR TWICE 02 <input type="radio"/> YES, THREE TO TEN TIMES 03 <input type="radio"/> YES, MORE THAN 10 TIMES	h10b
E h10a.InList(1,2,3)		

STATIC TEXT

Did it happen that any child under 15 in your household...

H11a. ...had to eat a smaller meal than they felt they needed because there was not enough food <u>in 2017?</u>	SINGLE-SELECT 00 <input type="radio"/> NO 01 <input type="radio"/> YES, ONCE OR TWICE 02 <input type="radio"/> YES, THREE TO TEN TIMES 03 <input type="radio"/> YES, MORE THAN 10 TIMES	h11a
H11b. ...had to eat a smaller meal than they felt they needed because there was not enough food <u>in the past 3 months?</u>	SINGLE-SELECT 00 <input type="radio"/> NO 01 <input type="radio"/> YES, ONCE OR TWICE 02 <input type="radio"/> YES, THREE TO TEN TIMES 03 <input type="radio"/> YES, MORE THAN 10 TIMES	h11b
E h11a.InList(1,2,3)		

STATIC TEXT

Did it happen that any child under 15 in your household...

H12a. ...had to eat fewer meals in a day because there was not enough food <u>in 2017</u> ?	SINGLE-SELECT 00 <input type="radio"/> NO 01 <input type="radio"/> YES, ONCE OR TWICE 02 <input type="radio"/> YES, THREE TO TEN TIMES 03 <input type="radio"/> YES, MORE THAN 10 TIMES	h12a
H12b. ...had to eat fewer meals in a day because there was not enough food <u>in the past 3 months</u> ?	SINGLE-SELECT 00 <input type="radio"/> NO 01 <input type="radio"/> YES, ONCE OR TWICE 02 <input type="radio"/> YES, THREE TO TEN TIMES 03 <input type="radio"/> YES, MORE THAN 10 TIMES	h12b

E h12a.InList(1,2,3)

STATIC TEXT

Did it happen that any child under 15 in your household...

H13a. ...went to sleep at night hungry because there was not enough food <u>in 2017</u> ?	SINGLE-SELECT 00 <input type="radio"/> NO 01 <input type="radio"/> YES, ONCE OR TWICE 02 <input type="radio"/> YES, THREE TO TEN TIMES 03 <input type="radio"/> YES, MORE THAN 10 TIMES	h13a
H13b. ...went to sleep at night hungry because there was not enough food <u>in the past 3 months</u> ?	SINGLE-SELECT 00 <input type="radio"/> NO 01 <input type="radio"/> YES, ONCE OR TWICE 02 <input type="radio"/> YES, THREE TO TEN TIMES 03 <input type="radio"/> YES, MORE THAN 10 TIMES	h13b

E h13a.InList(1,2,3)

STATIC TEXT

Did it happen that any child under 15 in your household...

H14a. ...went a whole day and night without eating anything at all because there was not enough food <u>in 2017</u> ?	SINGLE-SELECT 00 <input type="radio"/> NO 01 <input type="radio"/> YES, ONCE OR TWICE 02 <input type="radio"/> YES, THREE TO TEN TIMES 03 <input type="radio"/> YES, MORE THAN 10 TIMES	h14a
H14b. ...went a whole day and night without eating anything at all because there was not enough food <u>in 2017</u> ?	SINGLE-SELECT 00 <input type="radio"/> NO 01 <input type="radio"/> YES, ONCE OR TWICE 02 <input type="radio"/> YES, THREE TO TEN TIMES 03 <input type="radio"/> YES, MORE THAN 10 TIMES	h14b

E h14a.InList(1,2,3)

[I.] LIVESTOCK

E consent==1

i0_0. Do you have access to the the common pasture land of your village?	SINGLE-SELECT 01 <input type="radio"/> YES 02 <input type="radio"/> NO	i0_0
i5_4. Do you have to respect any established <u>rotational plan/ pattern</u> for grazing?	SINGLE-SELECT 001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW	i0_1

E i0_0==1

<p>I0_2. Who decides regarding the implementation of the rotational plans?</p> <p>E i0_1==1</p>	<p>SINGLE-SELECT i0_2</p> <p>001 <input type="radio"/> PASTURE USERS UNION</p> <p>002 <input type="radio"/> VILLAGE ASSEMBLY</p> <p>003 <input type="radio"/> LAND OWNER</p> <p>004 <input type="radio"/> LOCAL AUTHORITY</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>I0_2oth. Please specify</p> <p>E i0_2==999</p>	<p>TEXT i0_2oth</p> <p>.....</p>
<p>I0_3. How is the rotational plan enforced?</p> <p>E i0_1==1</p>	<p>SINGLE-SELECT i0_3</p> <p>001 <input type="radio"/> CONTROL BY HERDSMAN</p> <p>002 <input type="radio"/> FENCED</p> <p>003 <input type="radio"/> RECIPROCAL TRUST</p> <p>004 <input type="radio"/> LABEL IN PLOTS FORBIDDEN</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
<p>I0_3oth. Please specify other means of enforcing the rotational plan</p> <p>E i0_3==999</p>	<p>TEXT i0_3oth</p> <p>.....</p>
<p>I1_0. Did this household own or take care of any livestock during 2017?</p>	<p>SINGLE-SELECT i1_0</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>I1_1. Does your household currently own any ...?</p> <p>E i1_0==1</p>	<p>MULTI-SELECT: YES/NO i1_1</p> <p>01 <input type="checkbox"/> / <input type="checkbox"/> CATTLES</p> <p>02 <input type="checkbox"/> / <input type="checkbox"/> SHEEPS</p> <p>03 <input type="checkbox"/> / <input type="checkbox"/> GOATS</p> <p>04 <input type="checkbox"/> / <input type="checkbox"/> YAKS</p> <p>05 <input type="checkbox"/> / <input type="checkbox"/> HORSES</p> <p>06 <input type="checkbox"/> / <input type="checkbox"/> DONKEYS</p> <p>07 <input type="checkbox"/> / <input type="checkbox"/> POULTRY</p>

[1.] LIVESTOCK

Roster: LIVESTOCK

generated by multi-select question [i1_1](#)

Livestockroster

<p>I1_1oth. Please name the other livestock</p> <p>E @rowcode==999</p>	<p>TEXT i1_1oth</p> <p>.....</p>
<p>I1_2. How many %rostertitle% does your household currently own, <u>in total</u>?</p> <p>V1 self>0</p> <p>M1 If the household does not own any %livestockroster%, then please revise the answer to the previous question.</p> <p>V2 i1_1.Missing.Length==0</p> <p>M2 Respondent has not yet answered all questions on the ownership of livestock. Please ask all questions.</p>	<p>NUMERIC: INTEGER i1_2</p> <p>-----</p>
<p>I1_6. Did you outsource the grazing for %livestockroster% in 2017?</p> <p>E @rowcode<4</p>	<p>SINGLE-SELECT i1_6</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>

<p>I1_6b. How much did you pay in total to outsource the grazing for %livestockroster% during 2017?</p> <p>I SOMONI E i1_6==1</p>	<p>NUMERIC: INTEGER i1_6b</p> <p>-----</p>
<p>I1_7. What are the main reasons for outsourcing the grazing for %rosteritle%?</p> <p>I MAXIMUM2 ANSWERS E i1_6==1</p>	<p>MULTI-SELECT i1_7</p> <p>001 <input type="checkbox"/> GRAZING AREA AWAY FROM HOUSEHOLD</p> <p>002 <input type="checkbox"/> NOT ENOUGH HOUSEHOLD LABOUR</p> <p>003 <input type="checkbox"/> CULTURAL/ TRADITIONAL REASONS</p> <p>004 <input type="checkbox"/> ACCESS TO SERVICE BULLS FROM OTHER HERDS</p> <p>005 <input type="checkbox"/> COMMUNITY HANDLED HERD</p> <p>999 <input type="checkbox"/> OTHER (SPECIFY)</p>
<p>I1_7oth. Please specify Other</p> <p>E //either "other" is selected // i1_7.Contains(999) // ... or "other" is the only answer // i1_7.Containsonly(999)</p>	<p>TEXT i1_7oth</p> <p>-----</p>
<p>I1_8. Where are the %rosteritle% owned currently located?</p>	<p>SINGLE-SELECT i1_8</p> <p>001 <input type="radio"/> IMMEDIATE HOUSEHOLD VICINITY</p> <p>002 <input type="radio"/> VILLAGE AREA</p> <p>003 <input type="radio"/> OTHER VILLAGE</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>I1_8oth. Please specify Other</p> <p>E i1_8==999</p>	<p>TEXT i1_8oth</p> <p>-----</p>
<p>STATIC TEXT</p> <p>E @rowcode<=4</p>	
<p><i>I1_9. What are the herding arrangements of the %rosteritle% owned during:</i></p>	
<p>I1_9a. <u>Summer</u></p> <p>E @rowcode<=4</p>	<p>SINGLE-SELECT i1_9a</p> <p>001 <input type="radio"/> ANIMALS GRAZE IN SINGLE OWNER GROUP, UNDER THE CARE OF A HERDER/HOUSEHOLD MEMBER</p> <p>002 <input type="radio"/> ANIMALS GRAZE IN MULTIPLE OWNER GROUP, UNDER THE CARE OF A HERDER/HOUSEHOLD MEMBER</p> <p>003 <input type="radio"/> ANIMALS ROAM FREELY</p> <p>004 <input type="radio"/> STALL FED</p> <p>888 <input type="radio"/> DON'T KNOW</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
<p>I1_9aoth. Please specify Other</p> <p>E i1_9a==999 && @rowcode<=4</p>	<p>TEXT i1_9aoth</p> <p>-----</p>

<p><u>I1_9b. Winter</u></p> <p>E @rowcode<=4</p>	<p>SINGLE-SELECT i1_9b</p> <p>001 <input type="radio"/> ANIMALS GRAZE IN SINGLE OWNER GROUP, UNDER THE CARE OF A HERDER/HOUSEHOLD MEMBER</p> <p>002 <input type="radio"/> ANIMALS GRAZE IN MULTIPLE OWNER GROUP, UNDER THE CARE OF A HERDER/HOUSEHOLD MEMBER</p> <p>003 <input type="radio"/> ANIMALS ROAM FREELY</p> <p>004 <input type="radio"/> STALL FED</p> <p>888 <input type="radio"/> DON'T KNOW</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
<p><u>I1_9both. Please specify Other</u></p> <p>E i1_9b==999 && @rowcode<=4</p>	<p>TEXT i1_9both</p> <p>-----</p>
<p><u>What breeds are the CATTLE owned?</u></p> <p>I MULTIPLE ANSWERS</p> <p>E @rowcode==1</p>	<p>MULTI-SELECT cattlebreed</p> <p>01 <input type="checkbox"/> HOLSTEIN FRISIAN</p> <p>02 <input type="checkbox"/> SIMMENTAL</p> <p>03 <input type="checkbox"/> BROWN SWISS</p> <p>04 <input type="checkbox"/> KAZAKH WHITE</p> <p>05 <input type="checkbox"/> BLACK MOTLEY</p> <p>06 <input type="checkbox"/> Shvitse Zebuvidnyi skot</p> <p>07 <input type="checkbox"/> ALA-TAU</p> <p>08 <input type="checkbox"/> ABERDEEN ANGUS</p> <p>09 <input type="checkbox"/> KALMYK</p> <p>10 <input type="checkbox"/> KHOLMOGOSRKIY</p> <p>11 <input type="checkbox"/> OSTFRIZ</p> <p>12 <input type="checkbox"/> Sredneaziatskii Zebu</p> <p>13 <input type="checkbox"/> Schwitz</p> <p>14 <input type="checkbox"/> TSSHZ-1</p> <p>15 <input type="checkbox"/> LOCAL BREED</p> <p>16 <input type="checkbox"/> IMPROVED BREED</p> <p>And 1 other symbols [4]</p>
<p>VARIABLE</p> <p>(long)breedrostercattle.Sum(x => x.cattlebreedtot)</p>	<p>LONG totcattle</p>

[1.] LIVESTOCK / LIVESTOCK
Roster: CATTLE BREED
generated by multi-select question [cattlebreed](#) breedrostercattle

<p><u>I2_1a. How many of your %roster% are <u>adult intact males for breeding</u>?</u></p> <p>V1 self<=livestockroster[1].i1_2</p> <p>M1 This value cannot exceed total number of %livestockroster% owned.</p>	<p>NUMERIC: INTEGER i2_1a</p> <p>-----</p>
<p><u>I2_2a. How many of your %roster% are <u>male calves</u>?</u></p> <p>V1 self<=livestockroster[1].i1_2</p> <p>M1 This value cannot exceed total number of %livestockroster% owned.</p>	<p>NUMERIC: INTEGER i2_2a</p> <p>-----</p>
<p><u>I2_3a. How many of your %roster% are <u>adult females lactating</u>?</u></p> <p>V1 self<=livestockroster[1].i1_2</p> <p>M1 This value cannot exceed total number of %livestockroster% owned.</p>	<p>NUMERIC: INTEGER i2_3a</p> <p>-----</p>

<p>i2_4a. How many of your %rostertitle% are <u>adult females non lactating</u>?</p> <p>V1 self<=livestockroster[1].i1_2 M1 This value cannot exceed total number of %livestockroster% owned.</p>	<p>NUMERIC: INTEGER i2_4a</p> <p>-----</p>
<p>i2_5a. How many of your %rostertitle% are <u>female calves</u>?</p> <p>V1 self<=livestockroster[1].i1_2 M1 This value cannot exceed total number of %livestockroster% owned. V2 totcattle<=livestockroster[1].i1_2 M2 THE NUMBER OF CATTLES RECORDED BY BREEDS AND BY AGE EXCEEDS THE TOTAL NUMBER OF CATTLES OWNED. Please check with the respondent.</p>	<p>NUMERIC: INTEGER i2_5a</p> <p>-----</p>
<p>VARIABLE i2_1a+i2_2a+i2_3a+i2_4a+i2_5a</p>	<p>DOUBLE cattlebreedtot</p>
<p>What breeds are the SHEEP owned?</p> <p>I MULTIPLE ANSWERS E @rowcode==2</p>	<p>MULTI-SELECT sheepbreed</p> <p>01 <input type="checkbox"/> Argali 02 <input type="checkbox"/> Array of fine-fleeced 03 <input type="checkbox"/> Darvazskaya 04 <input type="checkbox"/> Dzhaidara 05 <input type="checkbox"/> Gissarian 06 <input type="checkbox"/> Gornodarvazskaya Myasosherstnaya Porodnaya Gruppa 07 <input type="checkbox"/> Karakul 08 <input type="checkbox"/> Larvaz 09 <input type="checkbox"/> Lincoln 10 <input type="checkbox"/> Marco Polo's Sheep 11 <input type="checkbox"/> Pamir Finewool 12 <input type="checkbox"/> Pamirskaya 13 <input type="checkbox"/> Romanovskiy 14 <input type="checkbox"/> Sarajin 15 <input type="checkbox"/> Tadzhikskaya 16 <input type="checkbox"/> Urial</p> <p>And 3 other symbols [5]</p>
<p>VARIABLE (long)breedrostersheep.Sum(x => x.sheepbreedtot)</p>	<p>LONG totssheep</p>
<p>[.] LIVESTOCK / LIVESTOCK Roster: SHEEP BREED generated by multi-select question sheepbreed breedrostersheep</p>	
<p>i2_1b. How many of your %rostertitle% are <u>adult males for breeding</u>?</p> <p>V1 self<=livestockroster[2].i1_2 M1 This value cannot exceed total number of %livestockroster% owned.</p>	<p>NUMERIC: INTEGER i2_1b</p> <p>-----</p>
<p>i2_2b. How many of your %rostertitle% are <u>male lambs</u>?</p> <p>V1 self<=livestockroster[2].i1_2 M1 This value cannot exceed total number of %livestockroster% owned.</p>	<p>NUMERIC: INTEGER i2_2b</p> <p>-----</p>
<p>i2_3b. How many of your %rostertitle% are <u>adult females lactating</u>?</p> <p>V1 self<=livestockroster[2].i1_2 M1 This value cannot exceed total number of %livestockroster% owned.</p>	<p>NUMERIC: INTEGER i2_3b</p> <p>-----</p>

<p>i2_4b. How many of your %roster% are <u>adult females non lactating</u>?</p> <p>V1 self<=livestockroster[2].i1_2 M1 This value cannot exceed total number of %livestockroster% owned.</p>	<p>NUMERIC: INTEGER i2_4b</p> <p>-----</p>
<p>i2_5b. How many of your %roster% are <u>female lambs</u>?</p> <p>V1 self<=livestockroster[2].i1_2 M1 This value cannot exceed total number of %livestockroster% owned. V2 totsheep<=livestockroster[2].i1_2 M2 THE NUMBER OF SHEEPS RECORDED BY BREEDS AND BY AGE EXCEEDS THE TOTAL NUMBER OF SHEEPS OWNED. Please check with the respondent.</p>	<p>NUMERIC: INTEGER i2_5b</p> <p>-----</p>
<p>VARIABLE i2_1b+i2_2b+i2_3b+i2_4b+i2_5b</p>	<p>DOUBLE sheepbreedtot</p>
<p>What breeds are the GOATS owned?</p> <p>I MULTIPLE ANSWERS E @rowcode==3</p>	<p>MULTI-SELECT goatbreed</p> <p>01 <input type="checkbox"/> Angora Nanny 02 <input type="checkbox"/> Markhor 03 <input type="checkbox"/> Mestnye Grubosherstnye Kozy Srednei Azii 04 <input type="checkbox"/> Nanny 05 <input type="checkbox"/> Rovmit 06 <input type="checkbox"/> Sovetskaya Sherstnaya 07 <input type="checkbox"/> Tajik 08 <input type="checkbox"/> Tajik woolen sort of Nanny goats 09 <input type="checkbox"/> LOCAL BREED 10 <input type="checkbox"/> IMPROVED BREED 11 <input type="checkbox"/> HYBRID BREED</p>
<p>VARIABLE (long)breedrostergoat.Sum(x => x.goatbreedtot)</p>	<p>LONG totgoat</p>

[.] LIVESTOCK / LIVESTOCK
Roster: GOAT BREED

generated by multi-select question [goatbreed](#)

breedrostergoat

<p>i2_1c. How many of your %roster% are <u>adult males for breeding</u>?</p> <p>V1 self<=livestockroster[3].i1_2 M1 This value cannot exceed total number of %livestockroster% owned.</p>	<p>NUMERIC: INTEGER i2_1c</p> <p>-----</p>
<p>i2_2c. How many of your %roster% are <u>male kids</u>?</p> <p>V1 self<=livestockroster[3].i1_2 M1 This value cannot exceed total number of %livestockroster% owned.</p>	<p>NUMERIC: INTEGER i2_2c</p> <p>-----</p>
<p>i2_3c. How many of your %roster% are <u>adult females lactating</u>?</p> <p>V1 self<=livestockroster[3].i1_2 M1 This value cannot exceed total number of %livestockroster% owned.</p>	<p>NUMERIC: INTEGER i2_3c</p> <p>-----</p>
<p>i2_4c. How many of your %roster% are <u>adult females non lactating</u>?</p> <p>V1 self<=livestockroster[3].i1_2 M1 This value cannot exceed total number of %livestockroster% owned.</p>	<p>NUMERIC: INTEGER i2_4c</p> <p>-----</p>

<p>i2_5c. How many of your %roster% are <u>female</u> kids?</p> <p>V1 self<=livestockroster[3].i1_2 M1 This value cannot exceed total number of %livestockroster% owned. V2 totgoat<=livestockroster[3].i1_2 M2 THE NUMBER OF GOATS RECORDED BY BREEDS AND BY AGE EXCEEDS THE TOTAL NUMBER OF SHEEPS OWNED. Please check with the respondent.</p>	<p>NUMERIC: INTEGER i2_5c</p> <p>-----</p>
<p>VARIABLE i2_1c+i2_2c+i2_3c+i2_4c+i2_5c</p>	<p>DOUBLE goatbreedtot</p>
<p>VARIABLE livestockroster[3].i1_2</p>	<p>LONG goat_total_own</p>
<p>VARIABLE livestockroster[2].i1_2</p>	<p>LONG sheep_total_own</p>
<p>VARIABLE livestockroster[1].i1_2</p>	<p>LONG cattle_total_own</p>
<p>VARIABLE livestockroster[5].i1_2</p>	<p>LONG horse_total_own</p>
<p>VARIABLE livestockroster[4].i1_2</p>	<p>LONG yak_total_own</p>
<p>VARIABLE livestockroster[7].i1_2</p>	<p>LONG poultry_total_own</p>
<p>VARIABLE livestockroster[6].i1_2</p>	<p>LONG donkey_total_own</p>

[.] LIVESTOCK
I.3 CHANGE IN STOCK

E i1_0==1

<p>i3_0. During 2017, did this household own any...?</p>	<p>MULTI-SELECT: YES/NO i3_0</p> <p>01 <input type="checkbox"/> / <input type="checkbox"/> CATTLES 02 <input type="checkbox"/> / <input type="checkbox"/> SHEEPS 03 <input type="checkbox"/> / <input type="checkbox"/> GOATS 04 <input type="checkbox"/> / <input type="checkbox"/> YAKS 05 <input type="checkbox"/> / <input type="checkbox"/> HORSES 06 <input type="checkbox"/> / <input type="checkbox"/> DONKEYS 07 <input type="checkbox"/> / <input type="checkbox"/> POULTRY</p>
--	--

[.] LIVESTOCK / I.3 CHANGE IN STOCK
Roster: CHANGE IN STOCK
generated by multi-select question [i3_0](#)

livestockroster2

E @rowcode<7

<p>i3_1. How many %livestockroster2% did the household have in January 2017?</p>	<p>NUMERIC: INTEGER i3_1</p> <p>-----</p>
<p>i3_2. How many %livestockroster2% were born in 2017?</p>	<p>NUMERIC: INTEGER i3_2</p> <p>-----</p>

i3_3. How many live %livestockroster2% did this household buy in 2017?	NUMERIC: INTEGER ----- i3_3
i3_4. How much did you pay for the %livestockroster2% purchased in 2017? I Please report the total value per livestock type IN SOMONI. E i3_3>0	NUMERIC: INTEGER ----- i3_4
i3_5. How many %livestockroster2% were received as a gift in 2017?	NUMERIC: INTEGER ----- i3_5
i3_6. How many %livestockroster2% were given to others as a gift in 2017?	NUMERIC: INTEGER ----- i3_6
i3_7. How many %livestockroster2% were lost/dead or stolen in 2017?	NUMERIC: INTEGER ----- i3_7
i3_8. How many live %livestockroster2% has this household sold in 2017?	NUMERIC: INTEGER ----- i3_8
i3_9. What were the total revenues from these %livestockroster2% sales? I IF NO PAYMENT, RECORD "0". IF PAYMENT WAS MADE IN-KIND, PLEASE RECORD THE EQUIVALENT MONETARY VALUE IN SOMONI. E i3_8>0	NUMERIC: INTEGER ----- i3_9
VARIABLE i3_2+i3_3+i3_5	DOUBLE positivestock
VARIABLE i3_6+i3_7+i3_8	DOUBLE negativestock
VARIABLE (i3_1+positivestock)-(negativestock)	DOUBLE changestock
i3_10. How many %livestockroster2% has this household slaughtered in 2017? VI i1_1.Yes.Contains(@rowcode) ? (changestock-self)==livestockroster[@rowcode].i1_2 : (changestock-self)==0 MI Please revise the number inserted. The number of %rosteritle% currently owned should be consistent with the changes in stock of the last 12 months.	NUMERIC: INTEGER ----- i3_10
i3_11. Has this household sold any of the slaughtered %livestockroster2% or their meat in 2017? E i3_10>0 && i3_10==changestock	SINGLE-SELECT 01 <input type="radio"/> YES 02 <input type="radio"/> NO i3_11
i3_12. What were the total revenues from these sales of %livestockroster2%? E i3_11==1	NUMERIC: INTEGER ----- i3_12

[.] LIVESTOCK
ACTIVITIES BY LIVESTOCK

E IsAnswered(i3_0) && i1_0==1

Roster: ACTIVITIES

generated by fixed list

- 01 CATTLES
- 02 SHEEPS
- 03 GOATS
- 04 YAKS
- 05 HORSES
- 06 DONKEYS
- 07 POULTRY

E livestockroster.Any(c=>c.i1_1.Yes.Contains(@rowcode)) || livestockroster2.Any(c=>c.i3_0.Yes.Contains(@rowcode))

I.4 BREEDING

E @rowcode<4

<p>I4_1. Has this household practiced any controlled mating or other breeding strategy (e.g. selection of reproductive animal, artificial insemination etc.) for %rosteritle% in 2017?</p>	<p>SINGLE-SELECT i4_1 01 <input type="radio"/> YES 02 <input type="radio"/> NO</p>
<p>I4_2. What type of controlled mating did this household practice for %rosteritle% in 2017?</p> <p>E i4_1==1</p>	<p>SINGLE-SELECT i4_2 001 <input type="radio"/> BEST MALES ONLY MATED TO BEST FEMALES 002 <input type="radio"/> AVOID MATING OF CLOSE RELATIVES 003 <input type="radio"/> ENSURE EACH SIRE HAS DESIRED NUMBER OF PROGENY 999 <input type="radio"/> OTHER (SPECIFY)</p>
<p>I4_2oth. Please specify</p> <p>E i4_2==999</p>	<p>TEXT i4_2oth </p>
<p>I4_3. What is the source of males for %rosteritle% for mating?</p> <p>E i4_1==1</p>	<p>SINGLE-SELECT i4_3 001 <input type="radio"/> NO USE OF SPECIFIC MALES FOR MATING 002 <input type="radio"/> ANY MALES FROM THE AREA USED FOR FREE 003 <input type="radio"/> USE BEST MALES FROM OWN HERD 004 <input type="radio"/> EXCHANGE OF BREEDING MALES 005 <input type="radio"/> HIRE BREEDING MALES 006 <input type="radio"/> PURCHASE OF BREEDING MALES 007 <input type="radio"/> ARTIFICIAL INSEMINATION 008 <input type="radio"/> USE MALES FROM PUJ 009 <input type="radio"/> USE MALE FROM TRANSHUMANT HERDERS 999 <input type="radio"/> OTHER (SPECIFY)</p>
<p>I4_3oth. Please specify</p> <p>E i4_3==999</p>	<p>TEXT i4_3oth </p>

<p>I4_4. What is the source of females for mating of %rosteritle%?</p> <p>E i4_1==1</p>	<p>SINGLE-SELECT i4_4</p> <p>001 <input type="radio"/> NO USE OF SPECIF FEMALES FOR MATING</p> <p>002 <input type="radio"/> CREATING OF A HIGH QUALITY FEMALE LINE BY REGULARLY REMOVING OR NOT BREEDING FROM WORST FEMALES</p> <p>003 <input type="radio"/> PURCHASE OF HIGH QUALITY BREEDING FEMALES</p> <p>004 <input type="radio"/> USE FEMALES FROM PUU</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
<p>I4_4oth. Please specify</p> <p>E i4_4==999</p>	<p>TEXT i4_4oth</p> <p>.....</p>
<p>I4_5. Has this household avoided breeding from inferior (non-reproductive) animals for this %rosteritle% in 2017?</p> <p>E i4_1==1</p>	<p>SINGLE-SELECT i4_5</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>I4_6. What strategy has this household used to avoid breeding from inferior (non-reproductive) animals for this %rosteritle% in 2017?</p> <p>E i4_1==1 && i4_5==1</p>	<p>SINGLE-SELECT i4_6</p> <p>001 <input type="radio"/> CASTRATE INFERIOR MALES</p> <p>002 <input type="radio"/> CULL OR SELL INFERIOR MALES</p> <p>003 <input type="radio"/> APRON</p> <p>004 <input type="radio"/> CULL OR SELL INFERIOR FEMALES</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
<p>I4_6oth. Please specify</p> <p>E i4_6==999</p>	<p>TEXT i4_6oth</p> <p>.....</p>
<p>I4_7. During 2017, how much did this household pay in total for controlled mating or any other breeding practice of your %rosteritle%?</p> <p>I Please indicate the value in SOMONI. If in-kind payment, please record the equivalent monetary value.</p> <p>E i4_1==1</p>	<p>NUMERIC: INTEGER i4_7</p> <p>-----</p>
<p>I4_8. Who in the household takes care of the breeding activities of %rosteritle%?</p> <p>I MULTIPLE ANSWERS</p> <p>F b04a>=10 b05<2007</p> <p>E i4_1==1</p>	<p>MULTI-SELECT: LINKED i4_8</p>

[.] LIVESTOCK / ACTIVITIES BY LIVESTOCK / ACTIVITIES
I.5 FEEDING

E @rowcode<7

<p>i5_1a. Which feed resources did you use for %rosteritle% during the last <u>summer season</u>?</p> <p>I MAXIMUM 3 ANSWERS</p>	<p>MULTI-SELECT i5_1a</p> <p>001 <input type="checkbox"/> PASTURE / NATURAL GRASS</p> <p>002 <input type="checkbox"/> STANDING HAY</p> <p>003 <input type="checkbox"/> FODDER FROM TREES</p> <p>004 <input type="checkbox"/> STOVER</p> <p>005 <input type="checkbox"/> GRASS</p> <p>006 <input type="checkbox"/> STRAW</p> <p>007 <input type="checkbox"/> GROUNDNUT HAY</p> <p>008 <input type="checkbox"/> COWPEA HAY</p> <p>009 <input type="checkbox"/> PIGEON PEA FODDER</p> <p>010 <input type="checkbox"/> CAKE (GROUNDNUT, COTTON, SESAME)</p> <p>011 <input type="checkbox"/> CEREAL BRANS</p> <p>012 <input type="checkbox"/> CEREAL GRAINS</p> <p>013 <input type="checkbox"/> COTTON SEED</p> <p>014 <input type="checkbox"/> KITCHEN LEFTOVERS</p> <p>015 <input type="checkbox"/> HAY</p> <p>016 <input type="checkbox"/> COMBINED FODDER</p> <p>And 1 other symbols [6]</p>
<p>i5_1aoth. Please specify</p> <p>E i5_1a.Contains(999) i5_1a.ContainsOnly(999)</p>	<p>TEXT i5_1aoth</p> <p>.....</p>
<p>i5_1b. Which feed resources did you use for %rosteritle% during the last <u>winter season</u>?</p> <p>I MAXIMUM 3 ANSWERS</p>	<p>MULTI-SELECT i5_1b</p> <p>001 <input type="checkbox"/> PASTURE / NATURAL GRASS</p> <p>002 <input type="checkbox"/> STANDING HAY</p> <p>003 <input type="checkbox"/> FODDER FROM TREES</p> <p>004 <input type="checkbox"/> STOVER</p> <p>005 <input type="checkbox"/> GRASS</p> <p>006 <input type="checkbox"/> STRAW</p> <p>007 <input type="checkbox"/> GROUNDNUT HAY</p> <p>008 <input type="checkbox"/> COWPEA HAY</p> <p>009 <input type="checkbox"/> PIGEON PEA FODDER</p> <p>010 <input type="checkbox"/> CAKE (GROUNDNUT, COTTON, SESAME)</p> <p>011 <input type="checkbox"/> CEREAL BRANS</p> <p>012 <input type="checkbox"/> CEREAL GRAINS</p> <p>013 <input type="checkbox"/> COTTON SEED</p> <p>014 <input type="checkbox"/> KITCHEN LEFTOVERS</p> <p>015 <input type="checkbox"/> HAY</p> <p>016 <input type="checkbox"/> COMBINED FODDER</p> <p>And 1 other symbols [7]</p>
<p>i5_1both. Please specify</p> <p>E i5_1b.Contains(999) i5_1b.ContainsOnly(999)</p>	<p>TEXT i5_1both</p> <p>.....</p>
<p>i5_2a. In the last <u>summer</u>, how did your household feed the %rosteritle%?</p>	<p>SINGLE-SELECT i5_2a</p> <p>01 <input type="radio"/> GRAZING</p> <p>02 <input type="radio"/> FEED BROUGHT TO ANIMAL</p> <p>03 <input type="radio"/> BOTH</p>
<p>i5_2b. In the last <u>winter</u>, how did your household feed the %rosteritle%?</p>	<p>SINGLE-SELECT i5_2b</p> <p>01 <input type="radio"/> GRAZING</p> <p>02 <input type="radio"/> FEED BROUGHT TO ANIMAL</p> <p>03 <input type="radio"/> BOTH</p>

<p>i5_3a. What is the <u>main</u> source of the feed resource for %rosteritle% in the last summer season?</p>	<p>SINGLE-SELECT i5_3a</p> <p>001 <input type="radio"/> OWN LAND</p> <p>002 <input type="radio"/> OTHER FARMER'S LAND</p> <p>003 <input type="radio"/> RANGELANDS (UNPROTECTED)</p> <p>004 <input type="radio"/> RANGELANDS (PROTECTED)</p> <p>005 <input type="radio"/> LOCAL SHOP / MARKET</p> <p>006 <input type="radio"/> TRADER</p> <p>007 <input type="radio"/> FOREST AREAS</p> <p>008 <input type="radio"/> PASTURE USERS UNION</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
<p>i5_3aoth. Please specify Other</p>	<p>TEXT i5_3aoth</p> <p>.....</p>
<p>E i5_3a==999</p>	
<p>i5_3b. What is the <u>main</u> source of the feed resource for %rosteritle% in the last winter season?</p>	<p>SINGLE-SELECT i5_3b</p> <p>001 <input type="radio"/> OWN LAND</p> <p>002 <input type="radio"/> OTHER FARMER'S LAND</p> <p>003 <input type="radio"/> RANGELANDS (UNPROTECTED)</p> <p>004 <input type="radio"/> RANGELANDS (PROTECTED)</p> <p>005 <input type="radio"/> LOCAL SHOP / MARKET</p> <p>006 <input type="radio"/> TRADER</p> <p>007 <input type="radio"/> FOREST AREAS (PROTECTED)</p> <p>008 <input type="radio"/> FOREST AREAS (UNPROTECTED)</p> <p>009 <input type="radio"/> PASTURE USERS UNION</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
<p>i5_3both. Please specify Other</p>	<p>TEXT i5_3both</p> <p>.....</p>
<p>E i5_3b==999</p>	
<p>i5_7. Did this household acquire fodder/crop residues/ industrial by products/roots and tubers/ balanced concentrates/ feed supplements for %rosteritle% in 2017?</p>	<p>SINGLE-SELECT i5_7</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>i5_8a. How much has this household spent to purchase fodder/crop residues/ industrial by products/roots and tubers/ balanced concentrates/ feed supplements for %rosteritle% in the last <u>summer</u> season?</p>	<p>NUMERIC: INTEGER i5_8a</p> <p>-----</p>
<p>I RECORD THE VALUE IN SOMONI IF NOT PURCHASED RECORD "0".</p>	
<p>E i5_7==1</p>	
<p>i5_8b. How much has this household spent to purchase fodder/crop residues/ industrial by products/roots and tubers/ balanced concentrates/ feed supplements for %rosteritle% in the last <u>winter</u> season?</p>	<p>NUMERIC: INTEGER i5_8b</p> <p>-----</p>
<p>I RECORD THE VALUE IN SOMONI IF NOT PURCHASED RECORD "0".</p>	
<p>E i5_7==1</p>	

<p>i5_9a. Which feed resources did you use for %rosteritle% during <u>summer 2011</u>?</p> <p>I MAXIMUM 3 ANSWERS</p>	<p>MULTI-SELECT i5_9a</p> <p>001 <input type="checkbox"/> PASTURE / NATURAL GRASS</p> <p>002 <input type="checkbox"/> STANDING HAY</p> <p>003 <input type="checkbox"/> FODDER FROM TREES</p> <p>004 <input type="checkbox"/> MILLER STOVER</p> <p>005 <input type="checkbox"/> SORGHUM STOVER</p> <p>006 <input type="checkbox"/> RICE STOVER</p> <p>007 <input type="checkbox"/> GROUNDNUT HAY</p> <p>008 <input type="checkbox"/> COWPEA HAY</p> <p>009 <input type="checkbox"/> PIGEON PEA FODDER</p> <p>010 <input type="checkbox"/> CAKE (GROUNDNUT, COTTON, SESAME)</p> <p>011 <input type="checkbox"/> CEREAL BRANS</p> <p>012 <input type="checkbox"/> CEREAL GRAINS</p> <p>013 <input type="checkbox"/> COTTON SEED</p> <p>014 <input type="checkbox"/> KITCHEN LEFTOVERS</p> <p>999 <input type="checkbox"/> OTHER (SPECIFY)</p> <p>777 <input type="checkbox"/> NOT APPLICABLE IN 2011</p>
<p>i5_9aoth. Please specify</p> <p>E i5_9a.Contains(999) i5_9a.ContainsOnly(999)</p>	<p>TEXT i5_9aoth</p> <p>.....</p>
<p>i5_9b. Which feed resources did you use for %rosteritle% during <u>winter 2011</u>?</p> <p>I MAXIMUM 3 ANSWERS</p>	<p>MULTI-SELECT i5_9b</p> <p>001 <input type="checkbox"/> PASTURE / NATURAL GRASS</p> <p>002 <input type="checkbox"/> STANDING HAY</p> <p>003 <input type="checkbox"/> FODDER FROM TREES</p> <p>004 <input type="checkbox"/> MILLER STOVER</p> <p>005 <input type="checkbox"/> SORGHUM STOVER</p> <p>006 <input type="checkbox"/> RICE STOVER</p> <p>007 <input type="checkbox"/> GROUNDNUT HAY</p> <p>008 <input type="checkbox"/> COWPEA HAY</p> <p>009 <input type="checkbox"/> PIGEON PEA FODDER</p> <p>010 <input type="checkbox"/> CAKE (GROUNDNUT, COTTON, SESAME)</p> <p>011 <input type="checkbox"/> CEREAL BRANS</p> <p>012 <input type="checkbox"/> CEREAL GRAINS</p> <p>013 <input type="checkbox"/> COTTON SEED</p> <p>014 <input type="checkbox"/> KITCHEN LEFTOVERS</p> <p>999 <input type="checkbox"/> OTHER (SPECIFY)</p> <p>777 <input type="checkbox"/> NOT APPLICABLE IN 2011</p>
<p>i5_9both. Please specify</p> <p>E i5_9b.Contains(999) i5_9b.ContainsOnly(999)</p>	<p>TEXT i5_9both</p> <p>.....</p>
<p>i5_10. Who in the household usually feeds the %rosteritle%?</p> <p>I MULTIPLE ANSWERS</p> <p>F b04a>=10 b05<2007</p>	<p>MULTI-SELECT: LINKED i5_10</p>

[.] LIVESTOCK / ACTIVITIES BY LIVESTOCK / ACTIVITIES
I.6 HOUSING AND WATERING

E @rowcode<7

i6_1a. What housing system has this household mainly used for %rosteritle% during the <u>last summer</u> ?	<p>SINGLE-SELECT i6_1a</p> <p>000 <input type="radio"/> NONE</p> <p>001 <input type="radio"/> CONFINED IN SHEDS</p> <p>002 <input type="radio"/> CONFINED IN FENCES</p> <p>003 <input type="radio"/> CAGE</p> <p>004 <input type="radio"/> INSIDE THE HOUSE (E.G. KITCHEN)</p> <p>005 <input type="radio"/> STALL</p> <p>006 <input type="radio"/> IN A ROOM</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
i6_1aoth. Please specify Other	<p>TEXT i6_1aoth</p> <p>.....</p>
E i6_1a==999	
i6_1b. What housing system has this household mainly used for %rosteritle% during the <u>last winter</u> ?	<p>SINGLE-SELECT i6_1b</p> <p>000 <input type="radio"/> NONE</p> <p>001 <input type="radio"/> CONFINED IN SHEDS</p> <p>002 <input type="radio"/> CONFINED IN FENCES</p> <p>003 <input type="radio"/> CAGE</p> <p>004 <input type="radio"/> INSIDE THE HOUSE (E.G. KITCHEN)</p> <p>005 <input type="radio"/> STALL</p> <p>006 <input type="radio"/> IN A ROOM</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
i6_1both. Please specify Other	<p>TEXT i6_1both</p> <p>.....</p>
E i6_1b==999	
i6_3a. What has been the main source of water for %rosteritle% during the <u>last summer</u> ?	<p>SINGLE-SELECT i6_3a</p> <p>001 <input type="radio"/> BOREHOLE</p> <p>002 <input type="radio"/> DAM</p> <p>003 <input type="radio"/> WELL</p> <p>004 <input type="radio"/> RIVER / SPRING / SPRING</p> <p>005 <input type="radio"/> RAINWATER HARVESTING</p> <p>006 <input type="radio"/> VILLAGE WATER POINT</p> <p>007 <input type="radio"/> PURCHASED WATER</p> <p>008 <input type="radio"/> GROUNDWATER</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
i6_3aoth. Please specify Other	<p>TEXT i6_3aoth</p> <p>.....</p>
E i6_3a==999	
i6_3b. What has been the main source of water for %rosteritle% during the <u>last winter</u> ?	<p>SINGLE-SELECT i6_3b</p> <p>001 <input type="radio"/> BOREHOLE</p> <p>002 <input type="radio"/> DAM</p> <p>003 <input type="radio"/> WELL</p> <p>004 <input type="radio"/> RIVER / SPRING / SPRING</p> <p>005 <input type="radio"/> RAINWATER HARVESTING</p> <p>006 <input type="radio"/> VILLAGE WATER POINT</p> <p>007 <input type="radio"/> PURCHASED WATER</p> <p>008 <input type="radio"/> GROUNDWATER</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
i6_3both. Please specify Other	<p>TEXT i6_3both</p> <p>.....</p>
E i6_3b==999	

<p>i6_3c. How much did you spend in total for purchasing water during 2017?</p> <p>I RECORD THE AMOUNT IN SOMONI</p> <p>E i6_3a==7 i6_3b==7</p>	<p>NUMERIC: INTEGER i6_3c</p> <p>-----</p>
<p>i6_4. Who has built the village water point for %rosteritle%?</p> <p>E (i6_3a==6 i6_3b==6)</p>	<p>SINGLE-SELECT i6_4</p> <p>001 <input type="radio"/> PUU</p> <p>002 <input type="radio"/> VILLAGE'S MEMBERS BY PRIVATE CONTRIBUTION</p> <p>003 <input type="radio"/> GOVERNMENT</p> <p>888 <input type="radio"/> DON'T KNOW</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
<p>i6_5. How much did your household pay for the costs related to the construction of the water point for %rosteritle%?</p> <p>I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT MONETARY VALUE IN SOMONI.</p> <p>E i6_4<888</p>	<p>NUMERIC: INTEGER i6_5</p> <p>-----</p>

[.] LIVESTOCK / ACTIVITIES BY LIVESTOCK / ACTIVITIES
I.7 HEALTH

E @rowcode<7

<p>i7_1. Did your %rosteritle% suffer any disease in 2017?</p>	<p>SINGLE-SELECT i7_1</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>i7_2. What kind of disease did affect your %rosteritle% in 2017?</p> <p>I MAXIMUM 3 ANSWERS</p> <p>F (@rowcode==1 && ((int?)optioncode).InList(1,2,3,4,5,6,7) @rowcode==2 && ((int?)optioncode).InList(1,2,3,4,5,7,8,9) @rowcode==3 && ((int?)optioncode).InList(1,2,3,4,5,7,8,9) @rowcode==6 && ((i</p> <p>And 93 other symbols [1]</p> <p>E i7_1==1</p>	<p>MULTI-SELECT i7_2</p> <p>0001 <input type="checkbox"/> BRUCELLOSIS</p> <p>0002 <input type="checkbox"/> FOOT AND MOUTH DISEASE (FMD)</p> <p>0003 <input type="checkbox"/> ANTHRAX</p> <p>0004 <input type="checkbox"/> RABIES</p> <p>0005 <input type="checkbox"/> HAEMORRHAGIC FEVER</p> <p>0006 <input type="checkbox"/> Q FEVER</p> <p>0007 <input type="checkbox"/> TICK -BORNE DISEASES (BABESIOSIS, ANAPLASMOSIS, PIROPLASMOSIS ETC)</p> <p>0008 <input type="checkbox"/> PESTE DES PETITS RUMINANTS</p> <p>0009 <input type="checkbox"/> SHEEP POX</p> <p>0010 <input type="checkbox"/> NEWCASTLE DISEASE</p> <p>0011 <input type="checkbox"/> FOWL CHOLERA</p> <p>0999 <input type="checkbox"/> OTHER (SPECIFY)1</p> <p>1000 <input type="checkbox"/> OTHER (SPECIFY)2</p> <p>1001 <input type="checkbox"/> OTHER (SPECIFY)3</p>
<p>i7_2aoth. Please specify</p> <p>E i7_2.Contains(999) i7_2.ContainsOnly(999)</p>	<p>TEXT i7_2aoth</p> <p>-----</p>
<p>i7_2both. Please specify</p> <p>E i7_2.Contains(1000) i7_2.ContainsOnly(1000)</p>	<p>TEXT i7_2both</p> <p>-----</p>
<p>i7_2coth. Please specify</p> <p>E i7_2.Contains(1001) i7_2.ContainsOnly(1001)</p>	<p>TEXT i7_2coth</p> <p>-----</p>

<p>i7_3. Did this household vaccinate or use preventive treatment for %rosteritle% over 2017?</p>	<p>SINGLE-SELECT i7_3 001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW</p>
<p>i7_4. How much did your household spend on vaccinate or use preventive treatment for %rosteritle% in 2017?</p> <p>I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI. E i7_3==1</p>	<p>NUMERIC: INTEGER i7_4 -----</p>
<p>i7_5. During 2017 did %rosteritle% in this household receive any curative treatment?</p>	<p>SINGLE-SELECT i7_5 01 <input type="radio"/> YES 02 <input type="radio"/> NO</p>
<p>i7_6. During 2017, how much did this household spend in total on curative treatments for %rosteritle%?</p> <p>E i7_5==1</p>	<p>NUMERIC: INTEGER i7_6 -----</p>

[.] LIVESTOCK / ACTIVITIES BY LIVESTOCK / ACTIVITIES
18. MILK PRODUCTION

E @rowcode<4

<p>i8_1. Did you milk any of your %rosteritle% in 2017?</p>	<p>SINGLE-SELECT i8_1 01 <input type="radio"/> YES 02 <input type="radio"/> NO</p>
<p>i8_2. For how many months on average were %rosteritle% milked in 2017?</p> <p>E i8_1==1 VI self.InRange(0,12) MI Reference period is last 12 months.</p>	<p>NUMERIC: INTEGER i8_2 -----</p>
<p>i8_3. During these months in which %rosteritle% were milked, how many animals were milked on average <u>each day</u>?</p> <p>E i8_1==1</p>	<p>NUMERIC: INTEGER i8_3 -----</p>
<p>i8_4. During these months in which %rosteritle% were milked, what was the average quantity of milk milked per day from the herd?</p> <p>I LITRES E i8_1==1</p>	<p>NUMERIC: DECIMAL i8_4 -----</p>
<p>i8_5. During these months in which animals were milked, how much of the %rosteritle% milk collected did this household consume per day?</p> <p>I LITRES E i8_4>0 VI self<=i8_4 MI Quantity of milk consumed by the household cannot exceed total quantity of milk produced.</p>	<p>NUMERIC: DECIMAL i8_5 -----</p>

<p>i8_6. During these months in which animals were milked, how much of the %rostartitle% milk collected has been wasted/lost per day?</p> <p>I LITRES E i8_5<i8_4 VI self<=i8_4-i8_5 MI Quantity of milk wasted/lost cannot exceed total quantity produced minus quantity consumed.</p>	<p>NUMERIC: DECIMAL i8_6</p> <p>-----</p>
<p>i8_7. During these months in which animals were milked, how much of the %rostartitle% milk collected has been used for the production of by-products per day?</p> <p>I LITRES E i8_4>0 && (i8_4>(i8_5+i8_6)) VI self<=(i8_4-i8_5-i8_6) MI Quantity of milk used for the production of by-products cannot exceed total quantity produced net of the quantity consumed and quantity wasted.</p>	<p>NUMERIC: DECIMAL i8_7</p> <p>-----</p>
<p>i8_8. During these months in which animals were milked, how much of the %rostartitle% milk collected has been given away as gift or in-kind payment per day?</p> <p>I LITRES E i8_4>0 && (i8_4>i8_5+i8_6+i8_7)</p>	<p>NUMERIC: DECIMAL i8_8</p> <p>-----</p>
<p>VARIABLE new[] {i8_5, i8_6, i8_7, i8_8}.Sum()</p>	<p>DOUBLE milknegative</p>
<p>VARIABLE ((i8_4-milknegative)*30*i8_2)</p>	<p>DOUBLE milkquantity</p>
<p>i8_9. During these months in which animals were milked, did this household sell any of the %rostartitle% milk?</p> <p>E i8_4>0</p>	<p>SINGLE-SELECT i8_9</p> <p>01 <input type="radio"/> YES 02 <input type="radio"/> NO</p>
<p>i8_10. During these months in which animals were milked, how much milk of %rostartitle% did this household sell in total?</p> <p>I LITRES E i8_9==1 VI self<=milkquantity MI The quantity of milk sold should not exceed the total quantity produced net of quantities used for own consumption, wasted/lost, given away and used to produce by-products. Please check and confirm.</p>	<p>NUMERIC: DECIMAL i8_10</p> <p>-----</p>
<p>i8_11. During these months in which animals were milked, what was the price per unit (litres) at which you sold %rostartitle% milk?</p> <p>I PRICE PER LITER IN SOMONI E i8_10>0</p>	<p>NUMERIC: DECIMAL i8_11</p> <p>-----</p>
<p>i8_12. During these months in which animals were milked, what was the total value of sales of %rostartitle% milk per day?</p> <p>I SOMONI E !IsAnswered(i8_11) && i8_10>0</p>	<p>NUMERIC: INTEGER i8_12</p> <p>-----</p>

<p>i8_13. Where did you sell most of the %rosteritle% milk?</p> <p>E i8_10>0</p>	<p>SINGLE-SELECT i8_13</p> <p>01 <input type="radio"/> IN THE FARM</p> <p>02 <input type="radio"/> IN THE VILLAGE</p> <p>03 <input type="radio"/> OUTSIDE THE VILLAGE, BUT SAME DISTRICT</p> <p>04 <input type="radio"/> OUTSIDE THIS DISTRICT</p>
<p>i8_14. To whom did you sell most of the %rosteritle% milk?</p> <p>I MAXIMUM 2 ANSWERS SELECT ANSWERS IN ORDER OF IMPORTANCE.</p> <p>E i8_10>0</p>	<p>MULTI-SELECT: ORDERED i8_14</p> <p>001 <input type="checkbox"/> PASTURE USERS UNION</p> <p>002 <input type="checkbox"/> INTERMEDIARY</p> <p>003 <input type="checkbox"/> FORMAL TRADER</p> <p>004 <input type="checkbox"/> PRIVATE CONSUMER</p> <p>999 <input type="checkbox"/> OTHER (SPECIFY)</p>
<p>i8_14oth. Please specify Other</p> <p>E i8_14.Contains(999) i8_14.ContainsOnly(999)</p>	<p>TEXT i8_14oth</p> <p>-----</p>
<p>i8_15a. How long does it take to go to the place where you sold most of the %rosteritle% milk?</p> <p>I HOURS</p> <p>E i8_10>0</p>	<p>NUMERIC: INTEGER i8_15a</p> <p>-----</p>
<p>i8_15b. MINUTES</p> <p>E i8_10>0</p>	<p>NUMERIC: INTEGER i8_15b</p> <p>-----</p>
<p>i8_15c. Please specify the mean of transport</p> <p>E i8_15a>0 i8_15b>0</p>	<p>SINGLE-SELECT i8_15c</p> <p>001 <input type="radio"/> FOOT</p> <p>002 <input type="radio"/> BYCICLE</p> <p>003 <input type="radio"/> BUS/MINIBUS</p> <p>004 <input type="radio"/> PRIVATE VEHICLE</p> <p>005 <input type="radio"/> DONKEY/HORSE</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
<p>i8_16. Who in your household mainly milked the %rosteritle% in 2017?</p> <p>F b04a>5 b05<2012</p> <p>E i8_1==1</p>	<p>SINGLE-SELECT: LINKED i8_16</p>

[I.] LIVESTOCK / ACTIVITIES BY LIVESTOCK / ACTIVITIES
I9. EGG PRODUCTION

E @rowcode==7

<p>i9_1. Has any %rosteritle% in the household produced any eggs in 2017?</p> <p>E @rowcode==7</p>	<p>SINGLE-SELECT i9_1</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>i9_2. How many eggs did your %rosteritle% produce on average during 2017?</p> <p>E i9_1==1</p>	<p>NUMERIC: INTEGER i9_2</p> <p>-----</p>
<p>i9_5. How many of the produced eggs %rosteritle% during 2017 did this household consume on average?</p> <p>E i9_2>0</p>	<p>NUMERIC: INTEGER i9_5</p> <p>-----</p>

<p>I9_6. Did this household sell the %rosteritle% eggs during 2017?</p> <p>E i9_2>0</p>	<p>SINGLE-SELECT i9_6</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>I9_7. How many of the %rosteritle% eggs produced did your household sell during 2017 on average?</p> <p>E i9_6==1</p>	<p>NUMERIC: INTEGER i9_7</p> <p>-----</p>
<p>I9_8. How much has this household earned in total by selling %rosteritle% eggs during 2017 on average?</p> <p>I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI.</p> <p>E i9_7>0</p>	<p>NUMERIC: INTEGER i9_8</p> <p>-----</p>

[.] LIVESTOCK / ACTIVITIES BY LIVESTOCK / ACTIVITIES
I9. DUNG PRODUCTION

E @rowcode<7

<p>I9_10. Has this household made any use of the dung produced by %rosteritle% during 2017?</p>	<p>SINGLE-SELECT i9_10</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>I9_11. Which have been the main uses of the dung produced by %rosteritle% during 2017?</p> <p>I MAXIMUM 3 ANSWERS</p> <p>E i9_10==1</p>	<p>MULTI-SELECT i9_11</p> <p>001 <input type="checkbox"/> MANURE (GRAZING ON THE PLOT OR COLLECTED AND APPLIED)</p> <p>002 <input type="checkbox"/> FUEL</p> <p>003 <input type="checkbox"/> CONSTRUCTION MATERIAL</p> <p>004 <input type="checkbox"/> FEED TO OTHER ANIMALS</p> <p>005 <input type="checkbox"/> SALE</p> <p>006 <input type="checkbox"/> BIOGAS</p> <p>999 <input type="checkbox"/> OTHER (SPECIFY)</p>
<p>I9_11oth. Please specify</p> <p>E i9_11.Contains(999) i9_11.ContainsOnly(999)</p>	<p>TEXT i9_11oth</p> <p>-----</p>
<p>I9_12. Did this household sell the dung produced by %rosteritle% during 2017?</p> <p>E i9_10==1</p>	<p>SINGLE-SELECT i9_12</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>I9_13. How much has this household earned from the sales of dung produced by %rosteritle% during 2017?</p> <p>I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI.</p> <p>E i9_12==1</p>	<p>NUMERIC: INTEGER i9_13</p> <p>-----</p>

[.] LIVESTOCK
I10. BY-PRODUCTS

<p>I10_1. Did you produce any of the following livestock-derived products, during 2017?</p>	<p>MULTI-SELECT: YES/NO i10_1</p> <p>01 <input type="checkbox"/> / <input type="checkbox"/> MEAT</p> <p>02 <input type="checkbox"/> / <input type="checkbox"/> WOOL</p> <p>03 <input type="checkbox"/> / <input type="checkbox"/> SKINS AND HIDES</p> <p>04 <input type="checkbox"/> / <input type="checkbox"/> KEFIR AND YOGURT</p>
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[.] LIVESTOCK / I10. BY-PRODUCTS
Roster: LIVESTOCK OTHER PRODUCTS
 generated by multi-select question [i10_1](#)

byproductroster

I10_2a. How much %byproductroster% did you produce during 2017?	NUMERIC: INTEGER i10_2a -----
I10_2b. UNIT F (@rowcode.InList(1,2,3) && @optioncode.InList(1,2,5)) (@rowcode.InList(4) && @optioncode.InList(3,4)) E i10_2a>0	SINGLE-SELECT i10_2b 01 <input type="radio"/> GRAM 02 <input type="radio"/> KG 03 <input type="radio"/> LITER 04 <input type="radio"/> BUCKET 05 <input type="radio"/> NUMBER
I10_2b. LITERS PER BUCKET E i10_2b==4	NUMERIC: INTEGER i10_2bbuck -----
I10_2b. KG PER UNIT E i10_2b==5	NUMERIC: INTEGER i10_2bbag -----
VARIABLE i10_2b.InList(1,2) ? i10_2a*LivestockByProdConversion[(int)i10_2b].conv : i10_2a*i10_2bbag	DOUBLE prodkg
VARIABLE (i10_2b.InList(3) ? i10_2a*LivestockByProdConversion[(int)i10_2b].conv : i10_2a*i10_2bbuck)	DOUBLE prodliter
VARIABLE new[]{prodkg,prodliter}.Sum()	DOUBLE prod
STATIC TEXT <i>%prodkg% %prodliter% %prod%</i>	
I10_3. Did you sell any of the %rosteritle% that you produced during 2017?	SINGLE-SELECT i10_3 001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW
I10_4a. How much of the total %rosteritle% produced did you sell during 2017? I AMOUNT E i10_3==1	NUMERIC: DECIMAL i10_4a -----
I10_4b. UNIT F (@rowcode.InList(1,2,3) && @optioncode.InList(1,2,5)) (@rowcode.InList(4) && @optioncode.InList(3,4)) E i10_4a>0 V1 prod>=(i10_4b.InList(1,2,3) ? i10_4a*LivestockByProdConversion[(int)i10_4b].conv : 0) M1 Quantity of %byproductroster% sold cannot exceed quantity produced.	SINGLE-SELECT i10_4b 01 <input type="radio"/> GRAM 02 <input type="radio"/> KG 03 <input type="radio"/> LITER 04 <input type="radio"/> BUCKET 05 <input type="radio"/> BAG/BASKET
I10_4b. LITERS PER BUCKET E i10_4b==4 V1 prodliter>= i10_4a*self M1 Quantity of %byproductroster% sold cannot exceed quantity produced.	NUMERIC: INTEGER i10_4bbuck -----

<p>I10_4b. KG PER BAG/BASKET</p> <p>E i10_4b==5 V1 prodkg>=i10_4a*self M1 Quantity of %byproductroster% sold cannot exceed quantity produced.</p>	<p>NUMERIC: INTEGER i10_4bbag</p> <p>-----</p>
<p>VARIABLE</p> <p>i10_4b.InList(1,2) ? i10_4a*LivestockByProdConversion[(int)i10_4b].conv : i10_4a*i10_4bbag</p>	<p>DOUBLE soldkg</p>
<p>VARIABLE</p> <p>(i10_4b.InList(3) ? i10_4a*LivestockByProdConversion[(int)i10_4b].conv : i10_4a*i10_4bbuck)</p>	<p>DOUBLE soldliter</p>
<p>VARIABLE</p> <p>new[]{soldkg,soldliter}.Sum()</p>	<p>DOUBLE sold</p>
<p>I10_5. What was the total value of sales of %rosteritle% produced during 2017?</p> <p>I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI.</p> <p>E i10_4a>0</p>	<p>NUMERIC: INTEGER i10_5</p> <p>-----</p>
<p>I10_6a. How much of the total %rosteritle% produced did your household consume during 2017?</p> <p>E i10_2a>0 V1 (self<=i10_2a && i10_6b==i10_2b) i10_6b!=i10_2b M1 Quantity consumed by the household should not exceed total quantity produced. Please check and/or confirm.</p>	<p>NUMERIC: INTEGER i10_6a</p> <p>-----</p>
<p>I10_6b. UNIT</p> <p>F (@rowcode.InList(1,2,3) && @optioncode.InList(1,2,5)) (@rowcode.InList(4) && @optioncode.InList(3,4)) E i10_6a>0 V1 prod-sold>=(i10_6b.InList(1,2,3) ? i10_6a*LivestockByProdConversion[(int)i10_6b].conv : 0) M1 The sum of %byproductroster% sold and consumed cannot exceed the total quantity produced.</p>	<p>SINGLE-SELECT i10_6b</p> <p>01 <input type="radio"/> GRAM 02 <input type="radio"/> KG 03 <input type="radio"/> LITER 04 <input type="radio"/> BUCKET 05 <input type="radio"/> NUMBER</p>
<p>I10_6b. LITERS PER BUCKET</p> <p>E i10_6b==4 V1 prodliter-soldliter>= i10_6a*self M1 The sum of %byproductroster% sold and consumed cannot exceed the total quantity produced.</p>	<p>NUMERIC: INTEGER i10_6bbuck</p> <p>-----</p>
<p>I10_6b. KG PER UNIT</p> <p>E i10_6b==5 V1 prodkg-soldliter>=i10_6a*self M1 The sum of %byproductroster% sold and consumed cannot exceed the total quantity produced.</p>	<p>NUMERIC: INTEGER i10_6bbag</p> <p>-----</p>

[J.] AVAILABLE LAND

E consent==1

<p>J0_00. Did your household had access to any parcel of land, including grazing land, regardless of whether they are the owner, and regardless of whether they cultivated the land, from October 2016 to November 2017?</p>	<p>SINGLE-SELECT j0_00</p> <p>01 <input type="radio"/> YES 02 <input type="radio"/> NO</p>
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STATIC TEXT

E j0_00==1

ENUMERATOR: PLEASE HAND OUT THE SKETCH TO THE RESPONDENT.

STATIC TEXT

E j0_00==1

ENUMERATOR, PLEASE CONVEY THE FOLLOWING MESSAGE TO THE RESPONDENT:

STATIC TEXT

E j0_00==1

Please sketch out all of the land parcels that the household had access to from October 2016 to November 2017, including grazing land, regardless of whether they are the owner, and regardless of whether they cultivated the land during this period, illustrating their relative size, and where they are relative to your home. Note that a PARCEL is a contiguous piece of land and should not be split by a path of more than one meter in width. Also record the location and size of the pasture land of the village.

<p>ENUMERATOR: TAKE A PICTURE OF THE PARCEL SKETCH</p> <p>E j0_00==1</p>	<p>PICTURE parcelsketch</p>
<p>Please list the planting seasons in which you cultivated from October 2016 to November 2017.</p> <p>I MULTIPLE ANSWERS</p> <p>E j0_00==1</p>	<p>MULTI-SELECT j0_1</p> <p>01 <input type="checkbox"/> SPRING/SUMMER SEASON</p> <p>02 <input type="checkbox"/> AUTUMN/WINTER SEASON</p>
<p>Of these planting seasons, which season is your main cropping season?</p> <p>E j0_1.Length>1</p>	<p>SINGLE-SELECT j0_2</p> <p>01 <input type="radio"/> SPRING/SUMMER SEASON</p> <p>02 <input type="radio"/> AUTUMN/WINTER SEASON</p>

[J.] AVAILABLE LAND
CULTIVATION AND ACCESS TO PARCEL'S AND PLOTS

E j0_00==1

STATIC TEXT

Please tell us about each of those parcels including fields rented, borrowed or cultivated on behalf of absentee owners. [ENUMERATOR: THIS SHOULD BE FILLED EVEN IF ACCESS WAS NOT FOR THE WHOLE PERIOD FROM OCTOBER 2016 TO NOVEMBER 2017.]

<p>J1_1. Please list and name all the parcels that the household cultivated on or had access to from October 2016 to November 2017.</p> <p>I A PARCEL IS A CONTINUOUS PIECE OF LAND THAT IS NOT DIVIDED BY A PATH GREATER THAN 1 METER WIDE. PLEASE CHECK IF THE NUMBER OF PARCELS REPORTED IS IN LINE WITH THE SKETCH DRAWN BY THE RESPONDENT.</p>	<p>LIST j1_1</p> <p>.....</p>
<p>VARIABLE</p> <p>j1_1.Count()+0</p>	<p>DOUBLE nbparcel</p>
<p>J1_2. Do you confirm that the number of parcels that the household cultivated on or had access to from October 2016 to November 2017 is %nbparcel%?</p>	<p>SINGLE-SELECT j1_2</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>

[J.] AVAILABLE LAND / CULTIVATION AND ACCESS TO PARCEL'S AND PLOTS
Roster: PARCEL CHARACTERISTICS

generated by list question j1_1

parcelroster

E j1_2==1

<p>J1_3a. What is the area of %rosteritle%?</p> <p>V1 self>0</p> <p>M1 Aparcel can not have the size of zero. Please check.</p>	<p>NUMERIC: DECIMAL</p> <p style="text-align: right;">j1_3a</p> <p>-----</p>
<p>J1_3b. Specify MEASUREMENT UNIT</p> <p>V1 \$area_parcel<=20000</p> <p>M1 The size of the parcel seems unlikely. Please check.</p>	<p>SINGLE-SELECT</p> <p style="text-align: right;">j1_3b</p> <p>01 <input type="radio"/> SOTIK</p> <p>02 <input type="radio"/> HECTARE</p> <p>03 <input type="radio"/> SQUARE METERS</p>
<p>J1_4. How did your household acquire parcel %parcelroster%?</p>	<p>SINGLE-SELECT</p> <p style="text-align: right;">j1_4</p> <p>001 <input type="radio"/> INHERITED</p> <p>002 <input type="radio"/> GRANTED / ALLOCATED BY GOVERNMENT</p> <p>003 <input type="radio"/> GRANTED / ALLOCATED BY LOCAL LEADER</p> <p>004 <input type="radio"/> RENTED IN</p> <p>005 <input type="radio"/> SHARE-CROPPING</p> <p>006 <input type="radio"/> BORROWED FOR FREE</p> <p>007 <input type="radio"/> CLEARED AND OCCUPIED</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
<p>J1_4oth. Specify Other</p> <p>E j1_4==999</p>	<p>TEXT</p> <p style="text-align: right;">j1_4oth</p> <p>-----</p>
<p>J1_5. What document do you have to show how you acquired %parcelroster%?</p>	<p>SINGLE-SELECT</p> <p style="text-align: right;">j1_5</p> <p>001 <input type="radio"/> NONE</p> <p>003 <input type="radio"/> CERTIFICATE ISSUED BY GOVERNMENT</p> <p>004 <input type="radio"/> TECHNICAL PASSPORT</p> <p>005 <input type="radio"/> RENTAL AGREEMENT</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
<p>J1_5oth. Specify Other</p> <p>E j1_5==999</p>	<p>TEXT</p> <p style="text-align: right;">j1_5oth</p> <p>-----</p>
<p>J1_6. In whose name is the land ownership of %parcelroster% registered?</p> <p>I MAXIMUM 2 ANSWERS. IF MORE THAN TWO LIST THE MOST IMPORTANT TWO.</p> <p>E j1_5>1</p>	<p>MULTI-SELECT: LINKED</p> <p style="text-align: right;">j1_6</p>
<p>J1_7a. How much did you pay to rent %parcelroster% from October 2016 to November 2017 <u>IN CASH</u>?</p> <p>I IN SOMONI. IF IN-KIND PAYMENTS, PLEASE EXCLUDE PAYMENTS MADE WITH CROPS HARVESTED FROM THIS PARCEL.</p> <p>E j1_4.InList(5,6)</p>	<p>NUMERIC: DECIMAL</p> <p style="text-align: right;">j1_7a</p> <p>-----</p>
<p>J1_7b. How much did you pay to rent %parcelroster% from October 2016 to November 2017 <u>IN KIND</u>?</p> <p>I PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI. PLEASE EXCLUDE PAYMENTS MADE WITH CROPS HARVESTED FROM THIS PARCEL.</p> <p>E j1_4.InList(5,6)</p>	<p>NUMERIC: DECIMAL</p> <p style="text-align: right;">j1_7b</p> <p>-----</p>

<p>J1_8. Under normal circumstances, what is your primary means of travelling to this parcel?</p>	<p>SINGLE-SELECT j1_8</p> <p>001 <input type="radio"/> CAR</p> <p>002 <input type="radio"/> BICYCLE</p> <p>003 <input type="radio"/> MOTORCYCLE</p> <p>004 <input type="radio"/> WALK</p> <p>005 <input type="radio"/> BUS</p> <p>006 <input type="radio"/> DONKEY</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
<p>J1_8oth. Please specify.</p>	<p>TEXT j1_8oth</p> <p>.....</p>
<p>E j1_8==999</p>	
<p>STATIC TEXT</p>	
<p><i>J1_9. Howlong does it take to get from the house to the parcel by %j1_8%?</i></p>	
<p>J1_9a. HOURS</p> <p>I IF RIGHT NEXT TO HOUSEHOLD INSERT 0 HOURS AND 1 MINUTE. ONE WAY TRIP.</p> <p>V1 self.InRange(0,24)</p> <p>M1 This seems unlikely. Please check.</p>	<p>NUMERIC: INTEGER j1_9a</p> <p>-----</p>
<p>J1_9b. MINUTES</p> <p>V1 self.InRange(0,59)</p> <p>M1 This seems unlikely. Please check.</p>	<p>NUMERIC: INTEGER j1_9b</p> <p>-----</p>
<p>J1_10. For parcel %parcelroster% how many plots did the household cultivate on or have access to even if they did not cultivate in the %season1%?</p> <p>I A PLOT IS A CONTINUOUS PIECE OF LAND ON WHICH A UNIQUE CROP OR MIXTURE OF CROPS IS GROWN UNDER A UNIFORM AND CONSISTENT CROP MANAGEMENT SYSTEM.</p>	<p>NUMERIC: INTEGER j1_10</p> <p>-----</p>
<p>J1_11. Please list and name all plots on parcel %parcelroster% that the household cultivated or had access to in %season1%.</p> <p>I USE A SHORT DESCRIPTIVE PHRASE THAT WILL HELP THE RESPONDENT REMEMBER THE PLOT BEING DISCUSSED.</p> <p>E IsAnswered(j1_10) && j1_10>0</p> <p>V1 j1_10==j1_11.Length</p> <p>M1 RESPONDENT STATED TO HAVE ACCESS TO %j1_10% PLOTS. HOWEVER YOU HAVE LISTED LESS OR MORE THAN %j1_10% PLOTS. PLEASE CHECK OR CONTINUE UNTIL NUMBER OF PLOTS IS REACHED.</p>	<p>LIST j1_11</p> <p>.....</p>
<p>J1_12. For parcel %parcelroster% how many plots did the household cultivate on or have access to even if they did not cultivate in the %season2%?</p> <p>I A PLOT IS A CONTINUOUS PIECE OF LAND ON WHICH A UNIQUE CROP OR MIXTURE OF CROPS IS GROWN UNDER A UNIFORM AND CONSISTENT CROP MANAGEMENT SYSTEM.</p> <p>E j0_1.contains(2) j0_1.containsonly(2)</p>	<p>NUMERIC: INTEGER j1_12</p> <p>-----</p>

<p>J1_13. Please list and name all plots on parcel %parcelroster% that the household cultivated or had access to in %season2%.</p> <p>I USE A SHORT DESCRIPTIVE PHRASE THAT WILL HELP THE RESPONDENT REMEMBER THE PLOT BEING DISCUSSED.</p> <p>E IsAnswered(j1_12) && j1_12>0</p> <p>V1 j1_12==j1_13.Length</p> <p>M1 RESPONDENT STATED TO HAVE ACCESS TO %j1_12% PLOTS. HOWEVER YOU HAVE LISTED LESS OR MORE THAN %j1_12% PLOTS. PLEASE CHECK OR CONTINUE UNTIL NUMBER OF PLOTS IS REACHED.</p>	<p>LIST</p> <p style="text-align: right;">j1_13</p> <p>-----</p>
<p>VARIABLE</p> <p>(long)((j1_3a ?? 0) * (IsAnswered(j1_3b) ? (AreaConv[j1_3b ?? 0].factor ?? 1) : 0))</p>	<p>LONG</p> <p style="text-align: right;">parcelAreaInM2</p>
<p>VARIABLE</p> <p>(long)plotroster_s1.Sum(x => x.areaS1InM2)</p>	<p>LONG</p> <p style="text-align: right;">totalAreaOfS1</p>
<p>VARIABLE</p> <p>(long)plotroster_s2.Sum(x => x.areaS2InM2)</p>	<p>LONG</p> <p style="text-align: right;">totalAreaOfS2</p>

[J.] AVAILABLE LAND / CULTIVATION AND ACCESS TO PARCELS AND PLOTS / PARCEL CHARACTERISTICS
PLOTS ON PARCEL %PARCELROSTER% IN %SEASON1%

[J.] AVAILABLE LAND / CULTIVATION AND ACCESS TO PARCELS AND PLOTS / PARCEL CHARACTERISTICS / PLOTS ON PARCEL
%PARCELROSTER% IN %SEASON1%

Roster: PLOT DETAILS %SEASON1%

generated by list question [j1_11](#)

plotroster_s1

<p>J2S1_1a. What is the area of %plotroster_s1%?</p> <p>V1 se1f>0</p> <p>M1 A plot can not have the size of zero. Please check.</p>	<p>NUMERIC: DECIMAL</p> <p style="text-align: right;">j2s1_1a</p> <p>-----</p>
<p>J2S1_1b. UNIT</p> <p>V1 \$area_parcel>=\$area_plots1</p> <p>M1 SIZE OF PLOT ON PARCEL %parcelroster% CAN NOT BE LARGER THAN THE PARCEL ITSELF. PLEASE CHECK EITHER UNIT AND/OR AREA OF PLOT OR PARCEL.</p> <p>V2 plotroster_s1.All(y=>IsAnswered(y.j2s1_1a)) ? \$area_parcel>=plotroster_s1.Sum(x=>x.j2s1_1a*AreaConv[(int)x.j2s1_1b].factor) : true</p> <p>M2 THE SUM OF AREA OF ALL PLOTS ON PARCEL %parcelroster% DURING %season1% IS LARGER THAN THE TOTAL AREA OF %parcelroster%. PLEASE CHECK.</p>	<p>SINGLE-SELECT</p> <p style="text-align: right;">j2s1_1b</p> <p>01 <input type="radio"/> SOTIK</p> <p>02 <input type="radio"/> HECTARE</p> <p>03 <input type="radio"/> SQUARE METERS</p>
<p>VARIABLE</p> <p>IsAnswered(j2s1_1b) ? ((j2s1_1a ?? 0) * AreaConv[(int)(j2s1_1b ?? 0)].factor ?? 0) : 0</p>	<p>DOUBLE</p> <p style="text-align: right;">areaS1InM2</p>
<p>J2S1_2. What is the color of the soil of plot %plotroster_s1%?</p>	<p>SINGLE-SELECT</p> <p style="text-align: right;">j2s1_2</p> <p>001 <input type="radio"/> BLACK</p> <p>002 <input type="radio"/> RED</p> <p>003 <input type="radio"/> WHITE / LIGHT</p> <p>004 <input type="radio"/> YELLOW</p> <p>005 <input type="radio"/> LIGHT BROWN</p> <p>006 <input type="radio"/> BROWN</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>J2S1_2oth. Please specify the color of the soil of the plot %plotroster_s1%</p> <p>E j2s1_2==999</p>	<p>TEXT</p> <p style="text-align: right;">j2s1_2oth</p> <p>-----</p>

J2S1_3. What is the slope of %plotroster_s1%?	<p>SINGLE-SELECT j2s1_3</p> <p>001 <input type="radio"/> FLAT</p> <p>002 <input type="radio"/> MODERATE</p> <p>003 <input type="radio"/> STEEP/HILLY</p> <p>888 <input type="radio"/> DON'T KNOW</p>
I READ ANSWERS	
J2S1_4. Does %plotroster_s1% present any erosion?	<p>SINGLE-SELECT j2s1_4</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
J2S1_5. How do you prevent erosion on %plotroster_s1% currently?	<p>MULTI-SELECT j2s1_5</p> <p>001 <input type="checkbox"/> NONE</p> <p>002 <input type="checkbox"/> TERRACES</p> <p>003 <input type="checkbox"/> BUNDS</p> <p>004 <input type="checkbox"/> GABIONS/SANDBAGS</p> <p>005 <input type="checkbox"/> DRAINAGE DITCHES</p> <p>006 <input type="checkbox"/> TREES</p> <p>007 <input type="checkbox"/> GRASS STRIPS/TREE BELT/WOOD MATERIAL</p> <p>008 <input type="checkbox"/> HEDGES/CONTOURS</p> <p>009 <input type="checkbox"/> CONCRETE WALLS</p> <p>999 <input type="checkbox"/> OTHER (SPECIFY)</p> <p>888 <input type="checkbox"/> DON'T KNOW</p>
<p>I READ ANSWERS MAXIMUM 3 ANSWERS. IF MORE THAN THREE, SELECT THE MOST IMPORTANT THREE. NONE CANNOT BE SELECTED IN CONJUNCTION WITH ANY OTHER TYPE.</p> <p>V1 !self.Contains(1) self.ContainsOnly(1)</p> <p>M1 OPTION "NONE" CAN NOT BE SELECTED WHILE OTHER OPTIONS ARE SELECTED. PLEASE CHECK</p>	
J2S1_5oth. Please specify the other erosion structures	<p>TEXT j2s1_5oth</p> <p>.....</p>
E j2s1_5.Contains(999)	
J2S1_6. What was the last year in which plot %plotroster_s1% was left fallow?	<p>NUMERIC: INTEGER j2s1_6</p> <p>-----</p>
<p>I IF NEVER RECORD ZERO. IF DONT KNOW ENTER 888</p> <p>V1 self.InRange(1950,2018) self==0 self==888</p> <p>M1 This seems unlikely. Please check.</p>	
J2S1_7. During %season1%, how was %plotroster_s1% used?	<p>SINGLE-SELECT j2s1_7</p> <p>001 <input type="radio"/> CULTIVATED WITH SINGLE SEASON CROPS</p> <p>002 <input type="radio"/> CULTIVATED WITH MULTIPLE SEASONS CROPS/PERENNIALS ONLY</p> <p>003 <input type="radio"/> RENTED OUT</p> <p>005 <input type="radio"/> GRAZING LAND / PASTURE</p> <p>006 <input type="radio"/> LEFT FALLOW</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
J2S1_7oth. Please specify how %plotroster_s1% was used.	<p>TEXT j2s1_7oth</p> <p>.....</p>
E j2s1_7==999	
J2S1_8. How much did you receive from renting out %plotroster_s1% during %season1% <u>IN KIND</u> ?	<p>NUMERIC: INTEGER j2s1_8</p> <p>-----</p>
<p>I ESTIMATED MONETARY VALUE OF IN-KIND PAYMENTS IN SOMONI.</p> <p>E j2s1_7==3</p>	
J2S1_9. Did you harvest any tree crops or other multiple-season crops in %plotroster_s1% from October 2016 to November 2017?	<p>SINGLE-SELECT j2s1_9</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
E j2s1_7!=2	

J2S2_10. Is %plotroster_s1% a home garden?	SINGLE-SELECT 01 <input type="radio"/> YES 02 <input type="radio"/> NO	j2s1_10
--	--	---------

STATIC TEXT

E areaS1InM2>2000 && j2s1_10==1

The plot size is too large to be a home-garden. Please remember that a home-garden has a plot size of less than 0.2 hectares (20 sotik).

VARIABLE j2s1_10==1? (long)@rowcode : 99999999	LONG	pcode_garden
VARIABLE j2s1_7==2 && j2s1_10==2? (long)@rowcode : 99999999	LONG	pcode_permanent
VARIABLE j2s1_7!=2 && j2s1_10==2 && j2s1_9==1? (long)@rowcode : 99999999	LONG	pcode_agro

[J.] AVAILABLE LAND / CULTIVATION AND ACCESS TO PARCEL'S AND PLOTS / PARCEL CHARACTERISTICS
PLOTS ON PARCEL %PARCELROSTER% IN %SEASON2%

E j0_1.Contains(2)

[J.] AVAILABLE LAND / CULTIVATION AND ACCESS TO PARCEL'S AND PLOTS / PARCEL CHARACTERISTICS / PLOTS ON PARCEL
%PARCELROSTER% IN %SEASON2%

Roster: PLOT %SEASON2%

generated by list question [j1_13](#)

plotroster_s2

J1_14. Was plot %plotroster_s2% in %season2% exactly overlapping to any plot of %season1%?	SINGLE-SELECT 01 <input type="radio"/> YES 02 <input type="radio"/> NO	j1_14
I FOR A YES RESPONSE, THE LAND IN QUESTION MUST BE THE SAME , NO MORE NO LESS, THAN A SEASON ONE PLOT.		
E j1_10>0		
J1_15. Which %season1% plot was exactly the same as plot %plotroster_s2% in %season2%?	SINGLE-SELECT: LINKED	j1_15
E j1_14==1		
VARIABLE j1_15	LONG	string_overlap

[J.] AVAILABLE LAND / CULTIVATION AND ACCESS TO PARCEL'S AND PLOTS / PARCEL CHARACTERISTICS / PLOTS ON PARCEL
%PARCELROSTER% IN %SEASON2% / PLOT %SEASON2%

PLOT DETAILS

E !IsAnswered(j1_14) || j1_14==2

J2S2_1a. What is the area of %plotroster_s2%?	NUMERIC: DECIMAL	j2s2_1a
V1 se1f>0	-----	
M1 Aplot can not have the size of zero. Please check.		

<p>J2S2_1b. UNIT</p> <p>V1 \$area_parcel>=\$area_plots2</p> <p>M1 SIZE OF PLOT ON PARCEL %parcelroster% CAN NOT BE LARGER THAN THE PARCEL ITSELF. PLEASE CHECK EITHER UNIT AND/OR AREA OF PLOT OR PARCEL.</p> <p>V2 plotroster_s2.All(y=>IsAnswered(y.j2s2_1a)) ? \$area_parcel>=plotroster_s2.Sum(x=>x.j2s2_1a*AreaConv[(int)x.j2s2_1b].factor) : true</p> <p>M2 THE SUM OF AREA OF ALL PLOTS ON PARCEL %parcelroster% DURING %season2% IS LARGER THAN THE TOTAL AREA OF %parcelroster%. PLEASE CHECK.</p>	<p>SINGLE-SELECT j2s2_1b</p> <p>01 <input type="radio"/> SOTIK</p> <p>02 <input type="radio"/> HECTARE</p> <p>03 <input type="radio"/> SQUARE METERS</p>
<p>VARIABLE</p> <p>IsAnswered(j2s2_1b) ? ((j2s2_1a ?? 0) * AreaConv[(int)(j2s2_1b ?? 0)].factor ?? 0) : 0</p>	<p>DOUBLE areaS2InM2</p>
<p>J2S2_2. What is the color of the soil of plot %plotroster_s2%?</p>	<p>SINGLE-SELECT j2s2_2</p> <p>001 <input type="radio"/> BLACK</p> <p>002 <input type="radio"/> RED</p> <p>003 <input type="radio"/> WHITE / LIGHT</p> <p>004 <input type="radio"/> YELLOW</p> <p>005 <input type="radio"/> LIGHT BROWN</p> <p>006 <input type="radio"/> BROWN</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>J2S2_2oth. Please specify the color of the soil of the plot.</p> <p>E j2s2_2==999</p>	<p>TEXT j2s2_2oth</p> <p>.....</p>
<p>J2S2_3. What is the slope of %plotroster_s2%?</p> <p>I READ ANSWERS</p>	<p>SINGLE-SELECT j2s2_3</p> <p>001 <input type="radio"/> FLAT</p> <p>002 <input type="radio"/> MODERATE</p> <p>003 <input type="radio"/> STEEP/HILLY</p> <p>004 <input type="radio"/> TERRACED</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>J2S2_4. Does %plotroster_s2% present any erosion?</p>	<p>SINGLE-SELECT j2s2_4</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>J2S2_5. How do you prevent erosion on %plotroster_s2% currently?</p> <p>I READ ANSWERS. MAXIMUM 3 ANSWERS. IF MORE THAN THREE, SELECT THE MOST IMPORTANT THREE. NONE CANNOT BE SELECTED IN CONJUNCTION WITH ANY OTHER TYPE.</p> <p>V1 !self.Contains(1) self.ContainsOnly(1)</p> <p>M1 OPTION "NONE" CAN NOT BE SELECTED WHILE OTHER OPTIONS ARE SELECTED. PLEASE CHECK</p>	<p>MULTI-SELECT j2s2_5</p> <p>001 <input type="checkbox"/> NONE</p> <p>002 <input type="checkbox"/> TERRACES</p> <p>003 <input type="checkbox"/> BUNDS</p> <p>004 <input type="checkbox"/> GABIONS/SANDBAGS</p> <p>005 <input type="checkbox"/> DRAINAGE DITCHES</p> <p>006 <input type="checkbox"/> TREES</p> <p>007 <input type="checkbox"/> GRASS STRIPS/TREE BELT/WOOD MATERIAL</p> <p>008 <input type="checkbox"/> HEDGES/CONTOURS</p> <p>009 <input type="checkbox"/> CONCRETE WALLS</p> <p>999 <input type="checkbox"/> OTHER (SPECIFY)</p> <p>888 <input type="checkbox"/> DON'T KNOW</p>
<p>J2S2_5oth. Please specify the other erosion structures</p> <p>E j2s2_5.Contains(999)</p>	<p>TEXT j2s2_5oth</p> <p>.....</p>

<p>J2S2_6. What was the last year in which plot %plotroster_s2% was left fallow?</p> <p>I IF NEVER RECORD ZERO. IF DON'T KNOW ENTER 888. VI self.InRange(1950,2018) self==0 self==888 MI This seems unlikely. Please check.</p>	<p>NUMERIC: INTEGER j2s2_6</p> <p>-----</p>
<p>J2S2_7. During %season2%, how was %plotroster_s2% used?</p> <p>E (j1_14==1? parcelroster.All(y=>y.plotroster_s1.All(x=>x.pcode_garden!=string_overlap)) : true) && (j1_14==1? parcelroster.All(y=>y.plotroster_s1.All(x=>x.pcode_permanent!=string_overlap)) : true)</p>	<p>SINGLE-SELECT j2s2_7</p> <p>001 <input type="radio"/> CULTIVATED WITH SINGLE SEASON CROPS 002 <input type="radio"/> CULTIVATED WITH MULTIPLE SEASONS CROPS/PERENNIALS ONLY 003 <input type="radio"/> RENTED OUT 005 <input type="radio"/> GRAZING LAND / PASTURE 006 <input type="radio"/> LEFT FALLOW 999 <input type="radio"/> OTHER (SPECIFY)</p>
<p>J2S2_7oth. Please specify how the plot was used during %season2%.</p> <p>E j2s2_7==999</p>	<p>TEXT j2s2_7oth</p> <p>-----</p>
<p>J2S2_8 How much did you receive from renting out %plotroster_s2% during %season2% <u>IN KIND</u>?</p> <p>I VALUE OF IN-KIND PAYMENTS IN SOMONI. E j2s2_7==3</p>	<p>NUMERIC: INTEGER j2s2_8</p> <p>-----</p>
<p>J2S2_9. Did you harvest any tree crops or other multiple-season crops in %plotroster_s2% from October 2016 to November 2017?</p> <p>E j1_10==0</p>	<p>SINGLE-SELECT j2s2_9</p> <p>01 <input type="radio"/> YES 02 <input type="radio"/> NO</p>
<p>J2S2_10. Is %plotroster_s2% a home garden?</p> <p>E (j1_14==1? parcelroster.All(y=>y.plotroster_s1.All(x=>x.pcode_garden!=string_overlap)) : true) && (j1_14==1? parcelroster.All(y=>y.plotroster_s1.All(x=>x.pcode_permanent!=string_overlap)) : true)</p>	<p>SINGLE-SELECT j2s2_10</p> <p>01 <input type="radio"/> YES 02 <input type="radio"/> NO</p>
<p>STATIC TEXT</p> <p>E areas2InM2>2000 && j2s2_10==1</p> <p><i>The plot size is too large to be a home-garden. Please remember that a home-garden has a plot size of less than 0.2 hectares (20 sotik).</i></p>	
<p>VARIABLE "Баҳор/Тобистон"</p>	<p>STRING season1</p>
<p>VARIABLE "Тирамоҳ/Зимистон"</p>	<p>STRING season2</p>

[K1-S1]. AGRICULTURAL PRODUCTION %SEASON1%

E consent==1 && j0_00==1 && parcelroster.Any(p=>p.plotroster_s1.Any(x=>x.j2s1_7==1)) && parcelroster.Any(p=>p.plotroster_s1.Any(x=>x.j2s1_9==2)) && parcelroster.Any(p=>p.plotroster_s1.Any(x=>x.j2s1_10 [And 5 other symbols \[1\]](#))

[K1-S1]. AGRICULTURAL PRODUCTION %SEASON1% %SEASON1% INPUTS AND HARVEST

[K1-S1]. AGRICULTURAL PRODUCTION %SEASON1% / %SEASON1% INPUTS AND HARVEST

Roster: PARCEL

generated by list question j1_1

parcelroster1

E plotroster_s1.Any(x=>x.j2s1_7==1 && x.j2s1_9==2 && x.j2s1_10==2)

[K1-S1]. AGRICULTURAL PRODUCTION %SEASON1% / %SEASON1% INPUTS AND HARVEST / PARCEL

Roster: PLOT

generated by list question j1_11

plotroster2_s1

E plotroster_s1[@rowcode].j2s1_7==1 && plotroster_s1[@rowcode].j2s1_9==2 && plotroster_s1[@rowcode].j2s1_10==2

<p>K1S1_1. Who in the household makes the decisions concerning crops to be planted, input use and the timing of cropping activities on %plotroster_s1% during %season1%?</p> <p>I SELECT UP TO 2 HOUSEHOLD MEMBERS.</p>	<p>MULTI-SELECT: LINKED</p> <p style="text-align: right;">k1s1_1</p>
---	--

[K1-S1]. AGRICULTURAL PRODUCTION %SEASON1% / %SEASON1% INPUTS AND HARVEST / PARCEL / PLOT
LAND PREPARATION

<p>K1S1_3. How was crop residue on %plotroster_s1% from previous planting season mainly used / disposed of?</p>	<p>SINGLE-SELECT</p> <p style="text-align: right;">k1s1_3</p> <p>01 <input type="radio"/> LEFT IN THE FIELD THEN PLOWED / INCORPORATED INTO THE FIELD</p> <p>02 <input type="radio"/> LEFT IN THE FIELD AND GRAZED BY ANIMALS</p> <p>03 <input type="radio"/> BURNED ON THE FIELD</p> <p>04 <input type="radio"/> CUT AND SPREAD ON THE FIELD</p> <p>05 <input type="radio"/> CUT AND REMOVED FROM THE FIELD AND FED TO ANIMALS</p> <p>06 <input type="radio"/> CUT AND REMOVED FROM FIELD FOR OTHER HOUSEHOLD USE</p> <p>07 <input type="radio"/> NEW FIELD, CLEARED LATER</p> <p>08 <input type="radio"/> LEFT IN THE FIELD OR DID NOTHING</p>
<p>K1S1_4. How did you prepare the soil for planting on %plotroster_s1% during %season1%?</p> <p>I MAXIMUM 3 ANSWERS</p>	<p>MULTI-SELECT</p> <p style="text-align: right;">k1s1_4</p> <p>001 <input type="checkbox"/> HAND HOEING</p> <p>002 <input type="checkbox"/> PLOWING - MOLDBOARD</p> <p>003 <input type="checkbox"/> PLOWING - DISC</p> <p>004 <input type="checkbox"/> ZERO / MINIMUM TILLAGE</p> <p>006 <input type="checkbox"/> MANURE APPLICATION</p> <p>007 <input type="checkbox"/> FUMIGATION</p> <p>008 <input type="checkbox"/> RIDGING</p> <p>999 <input type="checkbox"/> OTHER (SPECIFY)</p>
<p>K1S1_4oth. Please specify how you prepared the soil</p> <p>E k1s1_4.Contains(999)</p> <p>VI se1f.Length>2</p> <p>MI Description too short! Please specify more.</p>	<p>TEXT</p> <p style="text-align: right;">k1s1_4oth</p> <p>.....</p>
<p>K1S1_5. What was the main source of power used to prepare the soil for planting on %plotroster_s1% during %season1%?</p>	<p>SINGLE-SELECT</p> <p style="text-align: right;">k1s1_5</p> <p>01 <input type="radio"/> OWN MANUAL LABOR</p> <p>02 <input type="radio"/> HIRED MANUAL LABOR</p> <p>03 <input type="radio"/> OWN ANIMAL</p> <p>04 <input type="radio"/> HIRED ANIMAL</p> <p>05 <input type="radio"/> OWN MECHANICAL</p> <p>06 <input type="radio"/> HIRED MECHANICAL</p>

<p>K1S1_6. Which ANNUAL crops were planted on %plotroster2_s1% during %season1%?</p> <p>I MAXIMUM 5 ANSWERS</p>	<p>MULTI-SELECT k1s1_6</p> <p>301 <input type="checkbox"/> Cucumbers</p> <p>302 <input type="checkbox"/> Eggplant</p> <p>303 <input type="checkbox"/> Wheat</p> <p>304 <input type="checkbox"/> Coliflower</p> <p>305 <input type="checkbox"/> Other legumes</p> <p>306 <input type="checkbox"/> Linen</p> <p>307 <input type="checkbox"/> Spices</p> <p>308 <input type="checkbox"/> Zucchini</p> <p>309 <input type="checkbox"/> Pumpkin</p> <p>310 <input type="checkbox"/> Paprika</p> <p>311 <input type="checkbox"/> Cabbage</p> <p>312 <input type="checkbox"/> Potatoes</p> <p>313 <input type="checkbox"/> Sesame</p> <p>314 <input type="checkbox"/> Pepper</p> <p>315 <input type="checkbox"/> Beetroot</p> <p>316 <input type="checkbox"/> Beans</p> <p>And 24 other symbols [8]</p>
<p>K1S1_6oth. Please specify</p> <p>E k1s1_6.Contains(999) k1s1_6.Containsonly(999)</p>	<p>TEXT k1s1_6oth</p> <p>.....</p>

[K1-S1]. AGRICULTURAL PRODUCTION %SEASON1% / %SEASON1% INPUTS AND HARVEST / PARCEL / PLOT
IRRIGATION

<p>K1S1_7. During %season1%, was plot %plotroster_s1% irrigated?</p>	<p>SINGLE-SELECT k1s1_7</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>K1S1_8. What is the primary source of water for irrigation on %plotroster_s1%?</p> <p>I Difference between BOREHOLE and WELL is whether the well is drilled (BOREHOLE) or dug (WELL)</p> <p>E k1s1_7==1</p>	<p>SINGLE-SELECT k1s1_8</p> <p>001 <input type="radio"/> CANAL</p> <p>002 <input type="radio"/> BOREHOLE</p> <p>003 <input type="radio"/> WELL</p> <p>004 <input type="radio"/> RIVER / STREAM</p> <p>005 <input type="radio"/> POND / LAKE</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>K1S1_8oth. Please specify the primary source of water for irrigation.</p> <p>E k1s1_8==999</p> <p>V1 self.Length>2</p> <p>M1 Description is too short! Please specify more.</p>	<p>TEXT k1s1_8oth</p> <p>.....</p>
<p>K1S1_9. What is the primary method for distributing water for irrigation on plot %plotroster_s1% during %season1%?</p> <p>E k1s1_7==1</p>	<p>SINGLE-SELECT k1s1_9</p> <p>001 <input type="radio"/> HAND / BUCKET</p> <p>002 <input type="radio"/> HAND PUMP</p> <p>003 <input type="radio"/> MOTORIZED / ELECTRICAL PUMP</p> <p>004 <input type="radio"/> GRAVITY</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
<p>K1S1_9oth. Please specify the primary method for distributing water for irrigation.</p> <p>E k1s1_9==999</p> <p>V1 self.Length>2</p> <p>M1 Description is too short! Please specify more.</p>	<p>TEXT k1s1_9oth</p> <p>.....</p>

[K1-S1]. AGRICULTURAL PRODUCTION %SEASON1% / %SEASON1% INPUTS AND HARVEST / PARCEL / PLOT
FERTILIZER

<p>K1S1_10. Did you use any organic fertilizer on %plotroster_s1% during %season1%?</p>	<p>SINGLE-SELECT k1s1_10 001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW</p>
<p>K1S1_11. What type of organic fertilizer was used on %plotroster_s1% in the %season1%?</p> <p>I MAXIMUM3 ANSWERS E k1s1_10==1</p>	<p>MULTI-SELECT k1s1_11 0601 <input type="checkbox"/> ANIMAL MANURE (FERMENTED) 0602 <input type="checkbox"/> FRESH/GREEN MANURE (NON FERMENTED MANURE) 0603 <input type="checkbox"/> COMPOST 1002 <input type="checkbox"/> OTHER (SPECIFY)</p>

[K1-S1]. AGRICULTURAL PRODUCTION %SEASON1% / %SEASON1% INPUTS AND HARVEST / PARCEL / PLOT / FERTILIZER
Roster: ORGANIC FERTILIZER
 generated by multi-select question [k1s1_11](#)

organfert_s1

<p>K1S1_11oth. Please specify</p> <p>E @rowcode==1002</p>	<p>TEXT k1s1_11oth </p>
<p>K1S1_12. How many times did you apply %rosteritle% on %plotroster_s1% during %season1%?</p> <p>V1 self>0 M1 Respondent stated to have used %rosteritle% during %season1%. The refore must be larger than zero.</p>	<p>NUMERIC: INTEGER k1s1_12 -----</p>
<p>K1S1_14. Did you use any inorganic fertilizer on %plotroster_s1% during %season1%?</p>	<p>SINGLE-SELECT k1s1_14 001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW</p>
<p>K1S1_15. What types of inorganic fertilizer did you apply on %plotroster_s1% during %season1%?</p> <p>I MAXIMUM3 ANSWERS E k1s1_14==1</p>	<p>MULTI-SELECT k1s1_15 0701 <input type="checkbox"/> Ammonium nitrate 0702 <input type="checkbox"/> Urea 0703 <input type="checkbox"/> Superphosphate 0704 <input type="checkbox"/> Ammophos 0705 <input type="checkbox"/> Potassium chloride 1003 <input type="checkbox"/> OTHER (SPECIFY)</p>

[K1-S1]. AGRICULTURAL PRODUCTION %SEASON1% / %SEASON1% INPUTS AND HARVEST / PARCEL / PLOT / FERTILIZER
Roster: INORGANIC FERTILIZER
 generated by multi-select question [k1s1_15](#)

inorgfertilizer_s1

<p>K1S1_15oth. Please specify</p> <p>E @rowcode==1003</p>	<p>TEXT k1s1_15oth </p>
<p>K1S1_16. How many times did you apply %rosteritle% on %plotroster_s1% during %season1%?</p>	<p>NUMERIC: INTEGER k1s1_16 -----</p>

<p>K1S1_17a. How much in total of %rosteritle% was applied on %plotroster_s1% during %season1%?</p> <p>I QUANTITY V1 self>0 M1 Respondent stated to have used %rosteritle% during %season1% on plot %plotroster_s1%. Therefore quantity must be larger than zero.</p>	<p>NUMERIC: DECIMAL k1s1_17a</p> <p>-----</p>
<p>K1S1_17b. UNIT</p>	<p>SINGLE-SELECT k1s1_17b</p> <p>01 <input type="radio"/> KG 02 <input type="radio"/> TON 03 <input type="radio"/> GRAM 04 <input type="radio"/> BAGS 05 <input type="radio"/> LITER 06 <input type="radio"/> MILLILITER 07 <input type="radio"/> TABLETS</p>
<p>K1S1_17bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k1s1_17b==4</p>	<p>NUMERIC: INTEGER k1s1_17bbag</p> <p>-----</p>

[K1-S1]. AGRICULTURAL PRODUCTION %SEASON1% / %SEASON1% INPUTS AND HARVEST / PARCEL / PLOT
WEED AND PEST CONTROL

<p>K1S1_18. Did you use any pesticides / herbicides on this plot %plotroster_s1% during %season1%?</p>	<p>SINGLE-SELECT k1s1_18</p> <p>001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW</p>
<p>K1S1_19. What type(s) of pesticide / herbicide did you apply on plot %plotroster_s1% during %season1%?</p> <p>I MAXIMUM3 ANSWERS E k1s1_18==1</p>	<p>MULTI-SELECT k1s1_19</p> <p>0801 <input type="checkbox"/> INSECTICIDE 0802 <input type="checkbox"/> HERBICIDE 0803 <input type="checkbox"/> FUNGICIDE 1004 <input type="checkbox"/> OTHER (SPECIFY)</p>

[K1-S1]. AGRICULTURAL PRODUCTION %SEASON1% / %SEASON1% INPUTS AND HARVEST / PARCEL / PLOT / WEED AND PEST CONTROL

Roster: PESTICIDE/HERBICIDE

generated by multi-select question [k1s1_19](#)

pesticide_s1

<p>K1S1_19oth. Please specify</p> <p>E @rowcode==1004</p>	<p>TEXT k1s1_19oth</p> <p>-----</p>
<p>K1S1_20. How many times did you apply %rosteritle% on plot %plotroster_s1% during %season1%?</p>	<p>NUMERIC: INTEGER k1s1_20</p> <p>-----</p>
<p>K1S1_21a. How much in total of %rosteritle% was applied on %plotroster_s1% during %season1%?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL k1s1_21a</p> <p>-----</p>

K1S1_21b. UNIT	SINGLE-SELECT k1s1_21b 01 <input type="radio"/> KG 02 <input type="radio"/> TON 03 <input type="radio"/> GRAM 04 <input type="radio"/> BAGS 05 <input type="radio"/> LITER 06 <input type="radio"/> MILLILITER 07 <input type="radio"/> CANISTER/BUCKET 08 <input type="radio"/> TABLETS
K1S1_21bbag. How many KGs does <u>ONE BAG</u> contain?	NUMERIC: INTEGER k1s1_21bbag -----
E k1s1_21b==4	
K1S1_21bcan. How many LITERS does ONE CANISTER/BUCKET contain?	NUMERIC: DECIMAL k1s1_21bcan -----
E k1s1_21b==7	

[K1-S1]. AGRICULTURAL PRODUCTION %SEASON1% / %SEASON1% INPUTS AND HARVEST / PARCEL / PLOT
LABOR

STATIC TEXT

For the following stages of agricultural production in %season1% on %plotroster_s1%:

[K1-S1]. AGRICULTURAL PRODUCTION %SEASON1% / %SEASON1% INPUTS AND HARVEST / PARCEL / PLOT / LABOR
LABOR - LAND PREPARATION AND PLANTING

K1S1_22. How many days of family labor were worked on land preparation / planting on %plotroster_s1% during %season1%?	NUMERIC: DECIMAL k1s1_22 -----
I PERSON-DAYS	
K1S1_24. How many days of hired labor were worked on land preparation / planting on %plotroster_s1% during %season1%?	NUMERIC: DECIMAL k1s1_24 -----
I PERSON-DAYS	
K1S1_25. What was the total cost, in cash and in kind, for the days of hired labor on land preparation / planting on %plotroster_s1% during %season1%?	NUMERIC: INTEGER k1s1_25 -----
I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI.	
E k1s1_24>0	

[K1-S1]. AGRICULTURAL PRODUCTION %SEASON1% / %SEASON1% INPUTS AND HARVEST / PARCEL / PLOT / LABOR
LABOR - HARVEST

K1S1_26. How many days of family labor were worked on HARVEST on %plotroster_s1% during %season1%?	NUMERIC: DECIMAL k1s1_26 -----
I PERSON-DAYS	

<p>K1S1_28. How many days of hired labor were worked on HARVEST on %plotroster_s1% during %season1%?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k1s1_28</p> <p>-----</p>
<p>K1S1_29. What was the total cost, in cash and in kind, for the days of hired labor on HARVEST on %plotroster_s1% during %season1%?</p> <p>I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI.</p> <p>E k1s1_28>0</p>	<p>NUMERIC: INTEGER k1s1_29</p> <p>-----</p>

[K1-S1]. AGRICULTURAL PRODUCTION %SEASON1% / %SEASON1% INPUTS AND HARVEST / PARCEL / PLOT / LABOR
LABOR - ANY OTHER ACTIVITY

<p>K1S1_30. How many days of family labor were worked on any other activity on %plotroster_s1% during %season1%?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k1s1_30</p> <p>-----</p>
<p>K1S1_32. How many days of hired labor were worked on any other activity on %plotroster_s1% during %season1%?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k1s1_32</p> <p>-----</p>
<p>K1S1_33. What was the total cost, in cash and in kind, for the days of hired labor on any other activity on %plotroster_s1% during %season1%?</p> <p>I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI.</p> <p>E k1s1_32>0</p>	<p>NUMERIC: INTEGER k1s1_33</p> <p>-----</p>

[K1-S1]. AGRICULTURAL PRODUCTION %SEASON1% / %SEASON1% INPUTS AND HARVEST / PARCEL / PLOT
PLANTING AND HARVEST

[K1-S1]. AGRICULTURAL PRODUCTION %SEASON1% / %SEASON1% INPUTS AND HARVEST / PARCEL / PLOT / PLANTING AND HARVEST
Roster: PLOT %PLOTROSTER_S1% - CROP

generated by multi-select question [k1s1_6](#)

plotcrop_s1

<p>K1S1_34. Was the planting material for %rosteritle% on %plotroster_s1% during %season1% local / recycled or hybrid / improved?</p>	<p>SINGLE-SELECT k1s1_34</p> <p>001 <input type="radio"/> LOCAL</p> <p>002 <input type="radio"/> HYBRID / IMPROVED</p> <p>003 <input type="radio"/> MIX</p> <p>004 <input type="radio"/> IMPROVED</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>K1S1_35a. How much seed did you plant for %rosteritle% on %plotroster_s1% during %season1%?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL k1s1_35a</p> <p>-----</p>
<p>K1S1_35b. UNIT OF SEEDS</p> <p>I UNIT OF QUANTITY</p>	<p>SINGLE-SELECT k1s1_35b</p> <p>01 <input type="radio"/> KG</p> <p>02 <input type="radio"/> TON</p> <p>03 <input type="radio"/> GRAM</p> <p>04 <input type="radio"/> BAGS</p> <p>05 <input type="radio"/> SEEDLINGS</p>

<p>K1S1_35bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k1s1_35b==4</p>	<p>NUMERIC: INTEGER k1s1_35bbag</p> <p>-----</p>
<p>K1S1_36a. When did you finish planting for %rosteritle% on %plotroster_s1% during %season1%?</p> <p>I IF PLANTED MULTIPLE TIMES IN SEASON, ENTER FOR MONTH OF LARGEST PLANTATION</p>	<p>SINGLE-SELECT: COMBO BOX k1s1_36a</p> <p>01 <input type="radio"/> January</p> <p>02 <input type="radio"/> February</p> <p>03 <input type="radio"/> March</p> <p>04 <input type="radio"/> April</p> <p>05 <input type="radio"/> May</p> <p>06 <input type="radio"/> June</p> <p>07 <input type="radio"/> July</p> <p>08 <input type="radio"/> August</p> <p>09 <input type="radio"/> September</p> <p>10 <input type="radio"/> October</p> <p>11 <input type="radio"/> November</p> <p>12 <input type="radio"/> December</p>
<p>K1S1_36b. In which half of %k1s1_36a% did you finish planting?</p>	<p>SINGLE-SELECT k1s1_36b</p> <p>01 <input type="radio"/> FIRST HALF</p> <p>02 <input type="radio"/> SECOND HALF</p>
<p>K1S1_37a. How much %rosteritle% did you harvest from %plotroster_s1% during %season1%?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL k1s1_37a</p> <p>-----</p>
<p>K1S1_37b. UNIT OF HARVEST</p> <p>I UNIT</p>	<p>SINGLE-SELECT k1s1_37b</p> <p>01 <input type="radio"/> KG</p> <p>02 <input type="radio"/> TON</p> <p>03 <input type="radio"/> GRAM</p> <p>04 <input type="radio"/> BAGS</p>
<p>K1S1_37bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k1s1_37b==4</p>	<p>NUMERIC: INTEGER k1s1_37bbag</p> <p>-----</p>
<p>VARIABLE</p> <p>k1s1_37b.InList(1,2,3) ? k1s1_37a*weightConv[(int)k1s1_37b].factor : k1s1_37a*k1s1_37bbag</p>	<p>DOUBLE stand_harvests1</p>
<p>K1S1_38. Was the area harvested less than the area planted?</p>	<p>SINGLE-SELECT k1s1_38</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>K1S1_39. Why was the area harvested less than the area planted?</p> <p>I PLEASE INDICATE ONLY THE MAIN REASON.</p> <p>E k1s1_38==1</p>	<p>SINGLE-SELECT k1s1_39</p> <p>001 <input type="radio"/> DROUGHT</p> <p>002 <input type="radio"/> IRREGULAR RAINS</p> <p>003 <input type="radio"/> FLOODS</p> <p>004 <input type="radio"/> LANDSLIDES</p> <p>005 <input type="radio"/> FIRE</p> <p>006 <input type="radio"/> INSECTS</p> <p>007 <input type="radio"/> ANIMALS</p> <p>008 <input type="radio"/> DISEASE</p> <p>009 <input type="radio"/> THEFT</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
<p>K1S1_39oth. Please specify</p> <p>E k1s1_39==999</p>	<p>TEXT k1s1_39oth</p> <p>-----</p>

<p>K1S1_40a. When did you finish harvesting %rosteritle% from %plotroster_s1% during %season1%?</p>	<p>SINGLE-SELECT: COMBO BOX k1s1_40a</p> <p>01 <input type="radio"/> January</p> <p>02 <input type="radio"/> February</p> <p>03 <input type="radio"/> March</p> <p>04 <input type="radio"/> April</p> <p>05 <input type="radio"/> May</p> <p>06 <input type="radio"/> June</p> <p>07 <input type="radio"/> July</p> <p>08 <input type="radio"/> August</p> <p>09 <input type="radio"/> September</p> <p>10 <input type="radio"/> October</p> <p>11 <input type="radio"/> November</p> <p>12 <input type="radio"/> December</p>
<p>K1S1_40b. In which half of %k1s1_40a% did you finish harvesting?</p>	<p>SINGLE-SELECT k1s1_40b</p> <p>01 <input type="radio"/> FIRST HALF</p> <p>02 <input type="radio"/> SECOND HALF</p>
<p>K1S1_41. Who in the household makes the decision concerning the use of %rosteritle% harvested from %plotroster_s1% during %season1%?</p> <p>I MAXIMUM2 ANSWERS</p>	<p>MULTI-SELECT: LINKED k1s1_41</p>

[K1-S1]. AGRICULTURAL PRODUCTION %SEASON1%
%SEASON1% POST-HARVEST AND SALES/DISPOSITION

[K1-S1]. AGRICULTURAL PRODUCTION %SEASON1% / %SEASON1% POST-HARVEST AND SALES/DISPOSITION

Roster: CROP

generated by fixed list

cropdisposition_s1

- 301 Cucumbers
- 302 Eggplant
- 303 Wheat
- 304 Coliflower
- 305 Other legumes
- 306 Linen
- 307 Spices
- 308 Zucchini
- 309 Pumpkin
- 310 Paprika
- 311 Cabbage
- 312 Potatoes
- 313 Sesame
- 314 Pepper
- 315 Beetroot
- 316 Beans
- 317 Flax
- 318 Mung bean
- 319 Other types of vegetables
- 320 Lentils
- 321 Peas
- 322 Sunflower

- 323 Cotton
- 324 Onions
- 325 Tomatoes
- 326 Carrot
- 327 Garlic
- 328 Soybean
- 329 Tobacco
- 330 Melons
- 331 Watermelon
- 332 Peanut
- 333 Spring rye
- 334 Winter rye
- 335 Spring burley
- 336 Winter barley
- 337 Oats
- 338 Corn
- 339 Rice
- 999 OTHER

E parcelroster1.Any(p=>p.plotroster2_s1.Where(x=>x.j2s1_10==2 && x.j2s1_7==1 && x.j2s1_9==2).Any(c=>c.k1s1_6.Contains(@rowcode)))

VARIABLE parcelroster1.Sum(y=>y.plotroster2_s1.Where(x=>x.k1s1_6!=null && x.k1s1_6.Contains(@rowcode)).Sum(p=>p.plotcrop_s1[@rowcode].stand_harvests1))	DOUBLE stand_harvestcrops1
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[K1-S1]. AGRICULTURAL PRODUCTION %SEASON1% / %SEASON1% POST-HARVEST AND SALES/DISPOSITION / CROP
CROP USES %SEASON1%

STATIC TEXT

%stand_harvestcrops1%

K1S1_42a. How much of %rosteritle% harvested during %season1% was used for OWN CONSUMPTION?

NUMERIC: DECIMAL k1s1_42a

I QUANTITY

K1S1_42b. UNIT

SINGLE-SELECT k1s1_42b
 01 KG
 02 TON
 03 GRAM
 04 BAGS

E k1s1_42a>0

V1 stand_harvestcrops1>=(k1s1_42b.InList(1,2,3) ? k1s1_42a*weightConv[(int)k1s1_42b].factor : (int)0)

M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season1%. PLEASE CHECK [ENUMERATOR: TOTAL HARVEST IS: %stand_harvestcrops1%]

K1S1_42bbag. How many KGs does ONE BAG contain?

NUMERIC: INTEGER k1s1_42bbag

E k1s1_42b==4

V1 stand_harvestcrops1>=k1s1_42a*k1s1_42bbag

M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season1%. PLEASE CHECK

VARIABLE
 k1s1_42b.InList(1,2,3) ? k1s1_42a*weightConv[(int)k1s1_42b].factor : k1s1_42a*k1s1_42bbag

DOUBLE standuse_homes1

<p>K1S1_43a. How much of %rosteritle% harvested during %season1% was <u>SOLD</u>?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL k1s1_43a</p> <p>-----</p>
<p>K1S1_43b. UNIT</p> <p>E k1s1_43a>0</p> <p>VI stand_harvestcrops1>=(k1s1_43b.InList(1,2,3) ? k1s1_43a*weightConv[(int)k1s1_43b].factor : 0)</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season1%. PLEASE CHECK</p>	<p>SINGLE-SELECT k1s1_43b</p> <p>01 <input type="radio"/> KG</p> <p>02 <input type="radio"/> TON</p> <p>03 <input type="radio"/> GRAM</p> <p>04 <input type="radio"/> BAG</p>
<p>K1S1_43bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k1s1_43b==4</p> <p>VI stand_harvestcrops1>=k1s1_43a*k1s1_43bbag</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season1%. PLEASE CHECK</p>	<p>NUMERIC: INTEGER k1s1_43bbag</p> <p>-----</p>
<p>VARIABLE</p> <p>k1s1_43b.InList(1,2,3) ? k1s1_43a*weightConv[(int)k1s1_43b].factor : k1s1_43a*k1s1_43bbag</p>	<p>DOUBLE standuse_saless1</p>
<p>K1S1_44a. How much of %rosteritle% harvested during %season1% was used for <u>ANIMAL FEED</u>?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL k1s1_44a</p> <p>-----</p>
<p>K1S1_44b. UNIT</p> <p>E k1s1_44a>0</p> <p>VI stand_harvestcrops1>=(k1s1_44b.InList(1,2,3) ? k1s1_44a*weightConv[(int)k1s1_44b].factor : 0)</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season1%. PLEASE CHECK</p>	<p>SINGLE-SELECT k1s1_44b</p> <p>01 <input type="radio"/> KG</p> <p>02 <input type="radio"/> TON</p> <p>03 <input type="radio"/> GRAM</p> <p>04 <input type="radio"/> BAG</p>
<p>K1S1_44bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k1s1_44b==4</p> <p>VI stand_harvestcrops1>=k1s1_44a*k1s1_44bbag</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season1%. PLEASE CHECK</p>	<p>NUMERIC: INTEGER k1s1_44bbag</p> <p>-----</p>
<p>VARIABLE</p> <p>k1s1_44b.InList(1,2,3) ? k1s1_44a*weightConv[(int)k1s1_44b].factor : k1s1_44a*k1s1_44bbag</p>	<p>DOUBLE standuse_feeds1</p>
<p>K1S1_45a. How much of %rosteritle% harvested during %season1% was dedicated to <u>OTHER USES</u>?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL k1s1_45a</p> <p>-----</p>
<p>K1S1_45b. UNIT</p> <p>E k1s1_45a>0</p> <p>VI stand_harvestcrops1>=(k1s1_45b.InList(1,2,3) ? k1s1_45a*weightConv[(int)k1s1_45b].factor : 0)</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season1%. PLEASE CHECK</p>	<p>SINGLE-SELECT k1s1_45b</p> <p>01 <input type="radio"/> KG</p> <p>02 <input type="radio"/> TON</p> <p>03 <input type="radio"/> GRAM</p> <p>04 <input type="radio"/> BAG</p>

<p>K1S1_45bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k1s1_45b==4</p> <p>V1 stand_harvestcrops1>=k1s1_45a*k1s1_45bbag</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season1%. PLEASE CHECK</p>	<p>NUMERIC: INTEGER k1s1_45bbag</p> <p>-----</p>
<p>VARIABLE</p> <p>k1s1_45b.InList(1,2,3) ? k1s1_45a*WeightConv[(int)k1s1_45b].factor : k1s1_45a*k1s1_45bbag</p>	<p>DOUBLE standuse_oths1</p>
<p>VARIABLE</p> <p>new[] {standuse_homes1, standuse_saless1, standuse_feeds1, standuse_oths1}.Sum()</p>	<p>DOUBLE sum_uses1</p>

STATIC TEXT

THE TOTAL SUM OF USES OF %rosteritle% HARVESTED DURING %season1%: %sum_uses1% KG.

STATIC TEXT

E stand_harvestcrops1<sum_uses1

PLEASE CHECK HARVESTED AMOUNT AND THIS SECTION. THE TOTAL SUM OF USES IS LARGER THAN THE TOTAL AMOUNT OF %rosteritle% HARVESTED DURING %season1%

TOTAL SUM HARVESTED: %stand_harvestcrops1% KG.

TOTAL SUM OF USES: %sum_uses1% KG

[K1-S1]. AGRICULTURAL PRODUCTION %SEASON1% / %SEASON1% POST-HARVEST AND SALES/DISPOSITION / CROP POST HARVEST & PROCESSING %SEASON1%

<p>K1S1_46. How much of the %rosteritle% harvested during %season1% was lost to rotting, insects, rodents, theft, etc in the post-harvest period?</p>	<p>SINGLE-SELECT k1s1_46</p> <p>01 <input type="radio"/> None</p> <p>02 <input type="radio"/> Less than 1/4</p> <p>03 <input type="radio"/> 1/4</p> <p>04 <input type="radio"/> 1/2</p> <p>05 <input type="radio"/> 3/4</p> <p>06 <input type="radio"/> More than 3/4</p>
<p>K1S1_47. What was the reason for loss in the post-harvest period?</p> <p>I MAXIMUM 2 ANSWERS</p> <p>E k1s1_46!=1</p>	<p>MULTI-SELECT k1s1_47</p> <p>001 <input type="checkbox"/> ROTTING</p> <p>002 <input type="checkbox"/> INSECTS</p> <p>003 <input type="checkbox"/> ANIMAL DAMAGE</p> <p>004 <input type="checkbox"/> FLOOD / WATERLOGGING</p> <p>005 <input type="checkbox"/> THEFT</p> <p>999 <input type="checkbox"/> OTHER (SPECIFY)</p>
<p>K1S1_48. Did you store any %rosteritle% during %season1%?</p>	<p>SINGLE-SELECT k1s1_48</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>

[K1-S1]. AGRICULTURAL PRODUCTION %SEASON1% / %SEASON1% POST-HARVEST AND SALES/DISPOSITION / CROP SALES %ROSTERTITLE%

E k1s1_43a>0

STATIC TEXT

E k1s1_43a>0

According to your answer given before, you stated to have sold %standuse_saless1% KG of %rosteritle% during %season1%.

K1S1_49. What was the total value of all sales of %rosteritle% harvested during %season1%?	NUMERIC: INTEGER	k1s1_49
I VALUE IN SOMONI	-----	
K1S1_50. Who in your household kept / decided what to do with these earnings?	MULTI-SELECT: LINKED	k1s1_50
I MAXIMUM2 ANSWERS		
K1S1_51. On average, how many transactions took place while selling %rosteritle% ?	NUMERIC: INTEGER	k1s1_51
V1 self>0	-----	
M1 Zero transactions seems unlikely. Please check.		
K1S1_52a. How far did the majority of transactions of %rosteritle% harvested during %season1% take place?	NUMERIC: INTEGER	k1s1_52a
I KM	-----	
K1S1_52b. PLEASE SELECT THE MEAN OF TRANSPORT	SINGLE-SELECT	k1s1_52b
	001 <input type="radio"/> CAR 002 <input type="radio"/> BICYCLE 003 <input type="radio"/> MOTORCYCLE 004 <input type="radio"/> WALK 005 <input type="radio"/> BUS 006 <input type="radio"/> DONKEY 007 <input type="radio"/> HORSES 999 <input type="radio"/> OTHER (SPECIFY)	
K1S1_52both. Please specify.	TEXT	k1s1_52both
E k1s1_52b==999	-----	
K1S1_53. Who/What was the largest buyer/outlet for your %rosteritle% sales?	SINGLE-SELECT	k1s1_53
	001 <input type="radio"/> Private trader within the village 002 <input type="radio"/> Private trader within the district 003 <input type="radio"/> Private trader in Tajikistan 004 <input type="radio"/> Consumer buying at your farm gate 005 <input type="radio"/> Consumer at main market within village 006 <input type="radio"/> Consumer at main market within the district 007 <input type="radio"/> Consumer at Mobile market 008 <input type="radio"/> Agricultural cooperative within the village 009 <input type="radio"/> Agricultural cooperative within the district 010 <input type="radio"/> International trader 011 <input type="radio"/> Neighbour/ Relative 999 <input type="radio"/> OTHER, specify	
K1S1_53oth. Please specify.	TEXT	k1s1_53oth
E k1s1_53==999	-----	

<p>K1S1_54. What was the total value of all sales of %rosteritle% to the largest buyer %k1s1_53% during %season1%?</p> <p>I IN SOMONI</p> <p>VI self<=k1s1_49</p> <p>M1 Value of sales to largest buyer of unprocessed %rosteritle% can not be larger than the value of total sales during %season1%. Please check.</p>	<p>NUMERIC: INTEGER k1s1_54</p> <p>-----</p>
<p>K1S1_55. Was the sale of %rosteritle% to LARGEST BUYER part of an outgrower scheme or contract farming during the %season1%?</p>	<p>SINGLE-SELECT k1s1_55</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>

[K3-S1] AGROFORESTRY - SEASON 1

E consent==1 && j0_00==1 && parcelroster.Any(p=>p.plotroster_s1.Any(x=>x.j2s1_7==1)) && parcelroster.Any(p=>p.plotroster_s1.Any(x=>x.j2s1_9==1)) && parcelroster.Any(p=>p.plotroster_s1.Any(x=>x.j2s1_10 [And 5 other symbols \[2\]](#))

[K3-S1] AGROFORESTRY - SEASON 1

Roster: PARCEL

generated by list question [j1_1](#)

parcelroster5

E plotroster_s1.Any(x=>x.j2s1_7==1 && x.j2s1_9==1 && x.j2s1_10==2)

[K3-S1] AGROFORESTRY - SEASON 1 / PARCEL

Roster: PLOT

generated by list question [j1_11](#)

plotroster3_s1

E plotroster_s1[@rowcode].j2s1_7==1 && plotroster_s1[@rowcode].j2s1_9==1 && plotroster_s1[@rowcode].j2s1_10==2

<p>K3S1_1. Who in the household makes the decisions concerning crops to be planted, input use and the timing of cropping activities on %plotroster3_s1% during %season1%?</p> <p>I MAXIMUM 2 ANSWERS</p>	<p>MULTI-SELECT: LINKED k3s1_1</p>
--	---

[K3-S1] AGROFORESTRY - SEASON 1 / PARCEL / PLOT

LAND PREPARATION

<p>K3S1_3. How was crop residue on %plotroster3_s1% from previous planting season mainly used / disposed of?</p>	<p>SINGLE-SELECT k3s1_3</p> <p>01 <input type="radio"/> LEFT IN THE FIELD THEN PLOWED / INCORPORATED INTO THE FIELD</p> <p>02 <input type="radio"/> LEFT IN THE FIELD AND GRAZED BY ANIMALS</p> <p>03 <input type="radio"/> BURNED ON THE FIELD</p> <p>04 <input type="radio"/> CUT AND SPREAD ON THE FIELD</p> <p>05 <input type="radio"/> CUT AND REMOVED FROM THE FIELD AND FED TO ANIMALS</p> <p>06 <input type="radio"/> CUT AND REMOVED FROM FIELD FOR OTHER HOUSEHOLD USE</p> <p>07 <input type="radio"/> NEW FIELD, CLEARED LATER</p> <p>08 <input type="radio"/> LEFT IN THE FIELD OR DID NOTHING</p>
--	---

K3S1_4. How did you prepare the soil for planting on %plotroster3_s1% during %season1%?

I MAXIMUM3 ANSWERS

MULTI-SELECT

k3s1_4

- 001 HAND HOEING
- 002 PLOWING - MOLDBOARD
- 003 PLOWING - DISC
- 004 ZERO / MINIMUM TILLAGE
- 006 MANURE APPLICATION
- 007 FUMIGATION
- 008 RIDGING
- 999 OTHER (SPECIFY)

K3S1_4oth. Please specify how you prepared the soil

TEXT

k3s1_4oth

.....

E k3s1_4.Contains(999)

V1 self.Length>2

M1 Description too short! Please specify more.

K3S1_5. What was the main source of power used to prepare the soil for planting on %plotroster3_s1% during %season1%?

SINGLE-SELECT

k3s1_5

- 01 OWN MANUAL LABOR
- 02 HIRED MANUAL LABOR
- 03 OWN ANIMAL
- 04 HIRED ANIMAL
- 05 OWN MECHANICAL
- 06 HIRED MECHANICAL

[K3-S1] AGROFORESTRY - SEASON 1 / PARCEL / PLOT
%SEASON1% ANNUAL CROPS - PLANTING AND HARVEST

K3S1_6. Which ANNUAL crops were planted on %plotroster3_s1% during %season1%?

I MAXIMUM5 ANSWERS

MULTI-SELECT

k3s1_6

- 301 Cucumbers
- 302 Eggplant
- 303 Wheat
- 304 Coliflower
- 305 Other legumes
- 306 Linen
- 307 Spices
- 308 Zucchini
- 309 Pumpkin
- 310 Paprika
- 311 Cabbage
- 312 Potatoes
- 313 Sesame
- 314 Pepper
- 315 Beetroot
- 316 Beans

[And 24 other symbols \[9\]](#)

[K3-S1] AGROFORESTRY - SEASON 1 / PARCEL / PLOT / %SEASON1% ANNUAL CROPS - PLANTING AND HARVEST
Roster: PLOT %PLOTROSTER3_S1% - CROP
generated by multi-select question k3s1_6

plotcrop2_s1

K3S1_06oth. Please specify

TEXT

k3s1_06oth

.....

E @rowcode==999

<p>K3S1_7. Was the seeds/seedlings for %rosteritle% on %plotroster3_s1% during %season1% local, hybrid or improved?</p>	<p>SINGLE-SELECT k3s1_7</p> <p>001 <input type="radio"/> LOCAL 002 <input type="radio"/> HYBRID 003 <input type="radio"/> MIX 004 <input type="radio"/> IMPROVED 888 <input type="radio"/> DON'T KNOW</p>
<p>K3S1_8a. How much seed did you plant for %rosteritle% on %plotroster3_s1% during %season1%?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL k3s1_8a</p> <p>-----</p>
<p>K3S1_8b. UNIT OF SEEDS</p> <p>I UNIT OF QUANTITY</p>	<p>SINGLE-SELECT k3s1_8b</p> <p>01 <input type="radio"/> KG 02 <input type="radio"/> TON 03 <input type="radio"/> GRAM 04 <input type="radio"/> BAGS 05 <input type="radio"/> SEEDLINGS</p>
<p>K3S1_8bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k3s1_8b==4</p>	<p>NUMERIC: INTEGER k3s1_8bbag</p> <p>-----</p>
<p>K3S1_9a. When did you finish planting for %rosteritle% on %plotroster3_s1% during %season1%?</p> <p>I IF PLANTED MULTIPLE TIMES IN SEASON, ENTER FOR MONTH OF LARGEST PLANTATION</p>	<p>SINGLE-SELECT: COMBO BOX k3s1_9a</p> <p>01 <input type="radio"/> January 02 <input type="radio"/> February 03 <input type="radio"/> March 04 <input type="radio"/> April 05 <input type="radio"/> May 06 <input type="radio"/> June 07 <input type="radio"/> July 08 <input type="radio"/> August 09 <input type="radio"/> September 10 <input type="radio"/> October 11 <input type="radio"/> November 12 <input type="radio"/> December</p>
<p>K3S1_9b. In which half of %k3s1_9a% did you finish planting?</p>	<p>SINGLE-SELECT k3s1_9b</p> <p>01 <input type="radio"/> FIRST HALF 02 <input type="radio"/> SECOND HALF</p>
<p>K3S1_10a. How much %rosteritle% did you harvest from %plotroster3_s1% during %season1%?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL k3s1_10a</p> <p>-----</p>
<p>K3S1_10b. UNIT OF HARVEST</p> <p>I UNIT</p>	<p>SINGLE-SELECT k3s1_10b</p> <p>01 <input type="radio"/> KG 02 <input type="radio"/> TON 03 <input type="radio"/> GRAM 04 <input type="radio"/> BAGS</p>
<p>K3S1_10bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k3s1_10b==4</p>	<p>NUMERIC: INTEGER k3s1_10bbag</p> <p>-----</p>
<p>VARIABLE</p> <p>k3s1_10b.InList(1,2,3) ? k3s1_10a*weightConv[(int)k3s1_10b].factor : k3s1_10a*k3s1_10bbag</p>	<p>DOUBLE stand_harvests5</p>

K3S1_11. Was the area harvested less than the area planted?	SINGLE-SELECT 001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW	k3s1_11
K3S1_12. Why was the area harvested less than the area planted?	SINGLE-SELECT 001 <input type="radio"/> DROUGHT 002 <input type="radio"/> IRREGULAR RAINS 003 <input type="radio"/> FLOODS 004 <input type="radio"/> LANDSLIDES 005 <input type="radio"/> FIRE 006 <input type="radio"/> INSECTS 007 <input type="radio"/> ANIMALS 008 <input type="radio"/> DISEASE 009 <input type="radio"/> THEFT 999 <input type="radio"/> OTHER (SPECIFY)	k3s1_12
I PLEASE INDICATE ONLY THE MAIN REASON. E k3s1_11==1		
K3S1_12oth. Please specify	TEXT	k3s1_12oth
E k3s1_12==999	
K3S1_13a. When did you finish harvesting %rostertitle% from %plotroster3_s1% during %season1%?	SINGLE-SELECT: COMBO BOX 01 <input type="radio"/> January 02 <input type="radio"/> February 03 <input type="radio"/> March 04 <input type="radio"/> April 05 <input type="radio"/> May 06 <input type="radio"/> June 07 <input type="radio"/> July 08 <input type="radio"/> August 09 <input type="radio"/> September 10 <input type="radio"/> October 11 <input type="radio"/> November 12 <input type="radio"/> December	k3s1_13a
K3S1_13b. In which half of %k3s1_13a% did you finish harvesting?	SINGLE-SELECT 01 <input type="radio"/> FIRST HALF 02 <input type="radio"/> SECOND HALF	k3s1_13b
K3S1_14. Who in the household makes the decision concerning the use of %rostertitle% harvested from %plotroster3_s1% during %season1%?	MULTI-SELECT: LINKED	k3s1_14
I MAXIMUM 2 ANSWERS		

[K3-S1] AGROFORESTRY - SEASON 1 / PARCEL / PLOT
TREE/PERMANENT CROPS - INPUTS AND HARVEST

<p>K3S1_29. Which trees / permanent crops were harvested from %plotroster3_s1% from October 2016 to November 2017?</p> <p>I MAXIMUM 5 ANSWERS</p>	<p>MULTI-SELECT k3s1_29</p> <p>0401 <input type="checkbox"/> Grapes</p> <p>0402 <input type="checkbox"/> Garnet</p> <p>0403 <input type="checkbox"/> Figs</p> <p>0404 <input type="checkbox"/> Orange</p> <p>0405 <input type="checkbox"/> Quince</p> <p>0406 <input type="checkbox"/> Almond</p> <p>0407 <input type="checkbox"/> Cherries</p> <p>0408 <input type="checkbox"/> Apricots</p> <p>0409 <input type="checkbox"/> Lemon</p> <p>0410 <input type="checkbox"/> Pears</p> <p>0411 <input type="checkbox"/> Plum</p> <p>0412 <input type="checkbox"/> Pistachio</p> <p>0413 <input type="checkbox"/> Apples</p> <p>0414 <input type="checkbox"/> Mallberry</p> <p>0415 <input type="checkbox"/> Persimmon</p> <p>0416 <input type="checkbox"/> Nuts</p> <p>And 2 other symbols [10]</p>
<p>K3S1_29oth. Please specify</p> <p>E k3s1_29.Contains(1000) k3s1_29.ContainsOnly(1000)</p>	<p>TEXT k3s1_29oth</p> <p>.....</p>

[K3-S1] AGROFORESTRY - SEASON 1 / PARCEL / PLOT / TREE/PERMANENT CROPS - INPUTS AND HARVEST
Roster: CROP
generated by multi-select question [k3s1_29](#) roster_perencrop3

<p>K3S1_30. Is the %rostertitle% planted in a dedicated area, or spread throughout %plotroster3_s1%?</p>	<p>SINGLE-SELECT k3s1_30</p> <p>01 <input type="radio"/> Dedicated Area</p> <p>02 <input type="radio"/> Spread Throughout</p>
<p>K3S1_31. Approximately how much of %plotroster3_s1% was/is planted with %rostertitle% ?</p> <p>E k3s1_30==1</p>	<p>SINGLE-SELECT k3s1_31</p> <p>01 <input type="radio"/> Less than 1/4</p> <p>02 <input type="radio"/> 1/4</p> <p>03 <input type="radio"/> 1/2</p> <p>04 <input type="radio"/> 3/4</p> <p>05 <input type="radio"/> More than 3/4</p>
<p>K3S1_32. How many %rostertitle% are placed on this plot %plotroster3_s1%?</p> <p>V1 self>0</p> <p>M1 Respondent said that this plot is planted with this crop. Quantity must be larger than zero.</p>	<p>NUMERIC: INTEGER k3s1_32</p> <p>.....</p>
<p>K3S1_33. In what year were most of these %rostertitle% planted on plot %plotroster3_s1%?</p> <p>I YEAR IF DONT KNOW ENTER 888</p> <p>V1 self.InRange(1850,2017) self==888</p> <p>M1 This year seems unlikely. Please check.</p>	<p>NUMERIC: INTEGER k3s1_33</p> <p>.....</p>
<p>K3S1_34. How many %rostertitle% were planted on %plotroster3_s1% from October 2016 to November 2017?</p> <p>I NUMBER OF PLANTED CROP</p> <p>V1 self<=k3s1_32</p> <p>M1 This seems unlikely. Respondent stated that there are %k3s1_32% crops on this plot. Planted within last 12 months should be smaller or equal to this number. Please check.</p>	<p>NUMERIC: INTEGER k3s1_34</p> <p>.....</p>

<p>K3S1_36a. How much %roster36a% did you harvest from %plotroster3_s1% from October 2016 to November 2017?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL k3s1_36a</p> <p>-----</p>
<p>K3S1_36b. UNIT OF HARVEST</p> <p>I UNIT</p>	<p>SINGLE-SELECT k3s1_36b</p> <p>01 <input type="radio"/> KG</p> <p>02 <input type="radio"/> TON</p> <p>03 <input type="radio"/> GRAM</p> <p>04 <input type="radio"/> BAGS</p>
<p>K3S1_36c. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k3s1_36b==4</p>	<p>NUMERIC: INTEGER k3s1_36c</p> <p>-----</p>
<p>VARIABLE</p> <p>k3s1_36b.InList(1,2,3) ? k3s1_36a*weightConv[(int)k3s1_36b].factor : k3s1_36a*k3s1_36c</p>	<p>DOUBLE stand_harvests6</p>

[K3-S1] AGROFORESTRY - SEASON 1 / PARCEL / PLOT
IRRIGATION

<p>K3S1_51. From October 2016 to November 2017, was plot %plotroster_s1% irrigated?</p>	<p>SINGLE-SELECT k3s1_51</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>K3S1_52. What is the primary source of water for irrigation on %plotroster_s1%?</p> <p>I Difference between BOREHOLE and WELL is whether the well is drilled (BOREHOLE) or dug (WELL)</p> <p>E k3s1_51==1</p>	<p>SINGLE-SELECT k3s1_52</p> <p>001 <input type="radio"/> CANAL</p> <p>002 <input type="radio"/> BOREHOLE</p> <p>003 <input type="radio"/> WELL</p> <p>004 <input type="radio"/> RIVER / STREAM</p> <p>005 <input type="radio"/> POND / LAKE</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>K3S1_52oth. Please specify the primary source of water for irrigation.</p> <p>E k3s1_52==999</p> <p>V1 self.Length>2</p> <p>M1 Description is too short! Please specify more.</p>	<p>TEXT k3s1_52oth</p> <p>-----</p>
<p>K3S1_53. What is the primary method for distributing water for irrigation on plot %plotroster_s1% from October 2016 to November 2017?</p> <p>E k3s1_51==1</p>	<p>SINGLE-SELECT k3s1_53</p> <p>001 <input type="radio"/> HAND / BUCKET</p> <p>002 <input type="radio"/> HAND PUMP</p> <p>003 <input type="radio"/> MOTORIZED / ELECTRICAL PUMP</p> <p>004 <input type="radio"/> GRAVITY</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
<p>K3S1_53oth. Please specify the primary method for distributing water for irrigation.</p> <p>E k3s1_53==999</p> <p>V1 self.Length>2</p> <p>M1 Description is too short! Please specify more.</p>	<p>TEXT k3s1_53oth</p> <p>-----</p>

[K3-S1] AGROFORESTRY - SEASON 1 / PARCEL / PLOT
FERTILIZER

<p>K3S1_54. Did you use any organic fertilizer on %plotroster_s1% from October 2016 to November 2017?</p>	<p>SINGLE-SELECT k3s1_54</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>K3S1_55. What type of organic fertilizer was used on %plotroster_s1% from October 2016 to November 2017?</p> <p>I MAXIMUM3 ANSWERS E k3s1_54==1</p>	<p>MULTI-SELECT k3s1_55</p> <p>0601 <input type="checkbox"/> ANIMAL MANURE (FERMENTED)</p> <p>0602 <input type="checkbox"/> FRESH/GREEN MANURE (NON FERMENTED MANURE)</p> <p>0603 <input type="checkbox"/> COMPOST</p> <p>1002 <input type="checkbox"/> OTHER (SPECIFY)</p>

[K3-S1] AGROFORESTRY - SEASON 1 / PARCEL / PLOT / FERTILIZER
Roster: ORGANIC FERTILIZER
generated by multi-select question [k3s1_55](#) organfert2_s1

<p>K3S1_55oth. Please specify</p> <p>E @rowcode==1002</p>	<p>TEXT k3s1_55oth</p> <p>.....</p>
---	--

<p>K3S1_56. How many times did you apply %rosteritle% on %plotroster_s1% from October 2016 to November 2017?</p> <p>V1 se1f>0 M1 Respondent stated to have used %rosteritle% during %season1%. The refore must be larger than zero.</p>	<p>NUMERIC: INTEGER k3s1_56</p> <p>-----</p>
--	---

<p>K3S1_58. Did you use any inorganic fertilizer on %plotroster_s1% from October 2016 to November 2017?</p>	<p>SINGLE-SELECT k3s1_58</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
---	--

<p>K3S1_59. What types of inorganic fertilizer did you apply on %plotroster_s1% from October 2016 to November 2017?</p> <p>I MAXIMUM3 ANSWERS E k3s1_58==1</p>	<p>MULTI-SELECT k3s1_59</p> <p>0701 <input type="checkbox"/> Ammonium nitrate</p> <p>0702 <input type="checkbox"/> Urea</p> <p>0703 <input type="checkbox"/> Superphosphate</p> <p>0704 <input type="checkbox"/> Ammophos</p> <p>0705 <input type="checkbox"/> Potassium chloride</p> <p>1003 <input type="checkbox"/> OTHER (SPECIFY)</p>
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[K3-S1] AGROFORESTRY - SEASON 1 / PARCEL / PLOT / FERTILIZER
Roster: INORGANIC FERTILIZER
generated by multi-select question [k3s1_59](#) inorgfertilizer2_s1

<p>K3S1_59oth. Please specify</p> <p>E @rowcode==1003</p>	<p>TEXT k3s1_59oth</p> <p>.....</p>
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<p>K3S1_60. How many times did you apply %rosteritle% on %plotroster_s1% during %season1%?</p>	<p>NUMERIC: INTEGER k3s1_60</p> <p>-----</p>
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<p>K3S1_61a. How much in total of %rosteritle% was applied on %plotroster_s1% during %season1%?</p> <p>I QUANTITY V1 se1f>0 M1 Respondent stated to have used %rosteritle% during %season1% on p lot %plotroster_s1%. Therefore quantity must be larger than zero.</p>	<p>NUMERIC: DECIMAL k3s1_61a</p> <p>-----</p>
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<p>K3S1_61b. UNIT</p> <p>E k3s1_61a>0</p>	<p>SINGLE-SELECT k3s1_61b</p> <p>01 <input type="radio"/> KG</p> <p>02 <input type="radio"/> TON</p> <p>03 <input type="radio"/> GRAM</p> <p>04 <input type="radio"/> BAGS</p> <p>05 <input type="radio"/> LITER</p> <p>06 <input type="radio"/> MILLILITER</p> <p>07 <input type="radio"/> TABLETS</p>
<p>K3S1_61bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k3s1_61b==4</p>	<p>NUMERIC: INTEGER k3s1_61bbag</p> <p>-----</p>

[K3-S1] AGROFORESTRY - SEASON 1 / PARCEL / PLOT
WEED AND PEST CONTROL

<p>K3S1_62. Did you use any pesticides / herbicides on this plot %plotroster_s1% from October 2016 to November 2017?</p>	<p>SINGLE-SELECT k3s1_62</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>K3S1_63. What type(s) of pesticide / herbicide did you apply on plot %plotroster_s1% from October 2016 to November 2017?</p> <p>I MAXIMUM3 ANSWERS</p> <p>E k3s1_62==1</p>	<p>MULTI-SELECT k3s1_63</p> <p>0801 <input type="checkbox"/> INSECTICIDE</p> <p>0802 <input type="checkbox"/> HERBICIDE</p> <p>0803 <input type="checkbox"/> FUNGICIDE</p> <p>1004 <input type="checkbox"/> OTHER (SPECIFY)</p>

[K3-S1] AGROFORESTRY - SEASON 1 / PARCEL / PLOT / WEED AND PEST CONTROL
Roster: PESTICIDE/HERBICIDE
generated by multi-select question [k3s1_63](#)

pesticide2_s1

<p>K3S1_63oth. Please specify</p> <p>E @rowcode==1004</p>	<p>TEXT k3s1_63oth</p> <p>-----</p>
<p>K3S1_64. How many times did you apply %rostertitle% on plot %plotroster_s1% from October 2016 to November 2017?</p>	<p>NUMERIC: INTEGER k3s1_64</p> <p>-----</p>
<p>K3S1_65a. How much in total of %rostertitle% was applied on %plotroster_s1% from October 2016 to November 2017?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL k3s1_65a</p> <p>-----</p>
<p>K3S1_65b. UNIT</p> <p>E k3s1_65a>0</p>	<p>SINGLE-SELECT k3s1_65b</p> <p>01 <input type="radio"/> KG</p> <p>02 <input type="radio"/> TON</p> <p>03 <input type="radio"/> GRAM</p> <p>04 <input type="radio"/> BAGS</p> <p>05 <input type="radio"/> LITER</p> <p>06 <input type="radio"/> MILLILITER</p> <p>07 <input type="radio"/> CANISTER/BUCKET</p> <p>08 <input type="radio"/> TABLETS</p>
<p>K3S1_65bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k3s1_65b==4</p>	<p>NUMERIC: INTEGER k3s1_65bbag</p> <p>-----</p>

<p>K3S1_65bcan. How many LITERS does ONE CANISTER/BUCKET contain?</p> <p>E k3s1_65b==7</p>	<p>NUMERIC: DECIMAL k3s1_65bcan</p> <p>-----</p>
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[K3-S1] AGROFORESTRY - SEASON 1 / PARCEL / PLOT
LABOR

STATIC TEXT

For the following stages of agricultural production in %season1% on %plotroster_s1%:

[K3-S1] AGROFORESTRY - SEASON 1 / PARCEL / PLOT / LABOR
LABOR - LAND PREPARATION AND PLANTING

<p>K3S1_66. How many days of family labor were worked on land preparation / planting on %plotroster_s1% from October 2016 to November 2017?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k3s1_66</p> <p>-----</p>
<p>K3S1_68. How many days of hired labor were worked on land preparation / planting on %plotroster_s1% from October 2016 to November 2017?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k3s1_68</p> <p>-----</p>
<p>K3S1_69. What was the total cost, in cash and in kind, for the days of hired labor on land preparation / planting on %plotroster_s1% from October 2016 to November 2017?</p> <p>I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI.</p> <p>E k3s1_68>0</p>	<p>NUMERIC: INTEGER k3s1_69</p> <p>-----</p>

[K3-S1] AGROFORESTRY - SEASON 1 / PARCEL / PLOT / LABOR
LABOR - HARVEST

<p>K3S1_70. How many days of family labor were worked on HARVEST on %plotroster_s1% from October 2016 to November 2017?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k3s1_70</p> <p>-----</p>
<p>K3S1_72. How many days of hired labor were worked on HARVEST on %plotroster_s1% from October 2016 to November 2017?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k3s1_72</p> <p>-----</p>
<p>K3S1_73. What was the total cost, in cash and in kind, for the days of hired labor on HARVEST on %plotroster_s1% from October 2016 to November 2017?</p> <p>I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI.</p> <p>E k3s1_72>0</p>	<p>NUMERIC: INTEGER k3s1_73</p> <p>-----</p>

[K3-S1] AGROFORESTRY - SEASON 1 / PARCEL / PLOT / LABOR
LABOR - ANY OTHER ACTIVITY

<p>K3S1_74. How many days of family labor were worked on any other activity on %plotroster_s1% from October 2016 to November 2017?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k3s1_74</p> <p>-----</p>
<p>K3S1_76. How many days of hired labor were worked on any other activity on %plotroster_s1% from October 2016 to November 2017?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k3s1_76</p> <p>-----</p>
<p>K3S1_77. What was the total cost, in cash and in kind, for the days of hired labor on any other activity on %plotroster3_s1% from October 2016 to November 2017?</p> <p>I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI.</p> <p>E k3s1_76>0</p>	<p>NUMERIC: INTEGER k3s1_77</p> <p>-----</p>

[K3-S1] AGROFORESTRY - SEASON 1
 %SEASON1% ANNUAL CROPS - POST-HARVEST AND SALES/DISPOSITION

[K3-S1] AGROFORESTRY - SEASON 1 / %SEASON1% ANNUAL CROPS - POST-HARVEST AND SALES/DISPOSITION
 Roster: CROP
 generated by fixed list

cropposition2_s1

- 301 Cucumbers
- 302 Eggplant
- 303 Wheat
- 304 Coliflower
- 305 Other legumes
- 306 Linen
- 307 Spices
- 308 Zucchini
- 309 Pumpkin
- 310 Paprika
- 311 Cabbage
- 312 Potatoes
- 313 Sesame
- 314 Pepper
- 315 Beetroot
- 316 Beans
- 317 Flax
- 318 Mung bean
- 319 Other types of vegetables
- 320 Lentils
- 321 Peas
- 322 Sunflower
- 323 Cotton
- 324 Onions
- 325 Tomatoes
- 326 Carrot

- 327 Garlic
- 328 Soybean
- 329 Tobacco
- 330 Melons
- 331 Watermelon
- 332 Peanut
- 333 Spring rye
- 334 Winter rye
- 335 Spring burley
- 336 Winter barley
- 337 Oats
- 338 Corn
- 339 Rice
- 999 OTHER

E parcelroster5.Any(p=>p.plotroster3_s1.where(x=>x.j2s1_10==2 && x.j2s1_9==1 && x.j2s1_7==1).Any(c=>c.k3s1_6.Contains(@rowcode)))

VARIABLE parcelroster5.Sum(y=>y.plotroster3_s1.where(x=>x.k3s1_6!=null && x.k3s1_6.Contains(@rowcode)).Sum(p=>p.plotcrop2_s1[@rowcode].stand_harvests5))	DOUBLE stand_harvestcrops5
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[K3-S1] AGROFORESTRY - SEASON 1 / %SEASON1% ANNUAL CROPS - POST-HARVEST AND SALES/DISPOSITION / CROP CROPS USES %SEASON1%

K3S1_15a. How much of %rosteritle% harvested during %season1% was used for <u>OWN CONSUMPTION</u> ? I QUANTITY	NUMERIC: DECIMAL k3s1_15a -----
K3S1_15b. UNIT E k3s1_15a>0 VI stand_harvestcrops5>=(k3s1_15b.InList(1,2,3) ? k3s1_15a*weightConv[(int)k3s1_15b].factor : (int)0) MI QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season1%. PLEASE CHECK [ENUMERATOR: TOTAL HARVEST IS: %stand_harvestcrops5%]	SINGLE-SELECT k3s1_15b 01 <input type="radio"/> KG 02 <input type="radio"/> TON 03 <input type="radio"/> GRAM 04 <input type="radio"/> BAGS
K3S1_15bbag. How many KGs does <u>ONE BAG</u> contain? E k3s1_15b==4 VI stand_harvestcrops5>=k3s1_15a*k3s1_15bbag MI QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season1%. PLEASE CHECK	NUMERIC: INTEGER k3s1_15bbag -----
VARIABLE k3s1_15b.InList(1,2,3) ? k3s1_15a*weightConv[(int)k3s1_15b].factor : k3s1_15a*k3s1_15bbag	DOUBLE standuse_homes5
K3S1_16a. How much of %rosteritle% harvested during %season1% was <u>SOLD</u> ? I QUANTITY	NUMERIC: DECIMAL k3s1_16a -----

<p>K3S1_16b. UNIT</p> <p>E k3s1_16a>0</p> <p>V1 stand_harvestcrops5>=(k3s1_16b.InList(1,2,3) ? k3s1_16a*weightConv[(int)k3s1_16b].factor : 0)</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season1%. PLEASE CHECK</p>	<p>SINGLE-SELECT k3s1_16b</p> <p>01 <input type="radio"/> KG</p> <p>02 <input type="radio"/> TON</p> <p>03 <input type="radio"/> GRAM</p> <p>04 <input type="radio"/> BAG</p>
<p>K3S1_16bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k3s1_16b==4</p> <p>V1 stand_harvestcrops5>=k3s1_16a*k3s1_16bbag</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season1%. PLEASE CHECK</p>	<p>NUMERIC: INTEGER k3s1_16bbag</p> <p>-----</p>
<p>VARIABLE</p> <p>k3s1_16b.InList(1,2,3) ? k3s1_16a*weightConv[(int)k3s1_16b].factor : k3s1_16a*k3s1_16bbag</p>	<p>DOUBLE standuse_saless5</p>
<p>K3S1_17a. How much of %rosteritle% harvested during %season1% was used for <u>ANIMAL FEED</u>?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL k3s1_17a</p> <p>-----</p>
<p>K3S1_17b. UNIT</p> <p>E k3s1_17a>0</p> <p>V1 stand_harvestcrops5>=(k3s1_17b.InList(1,2,3) ? k3s1_17a*weightConv[(int)k3s1_17b].factor : 0)</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season1%. PLEASE CHECK</p>	<p>SINGLE-SELECT k3s1_17b</p> <p>01 <input type="radio"/> KG</p> <p>02 <input type="radio"/> TON</p> <p>03 <input type="radio"/> GRAM</p> <p>04 <input type="radio"/> BAG</p>
<p>K3S1_17bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k3s1_17b==4</p> <p>V1 stand_harvestcrops5>=k3s1_17a*k3s1_17bbag</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season1%. PLEASE CHECK</p>	<p>NUMERIC: INTEGER k3s1_17bbag</p> <p>-----</p>
<p>VARIABLE</p> <p>k3s1_17b.InList(1,2,3) ? k3s1_17a*weightConv[(int)k3s1_17b].factor : k3s1_17a*k3s1_17bbag</p>	<p>DOUBLE standuse_feeds5</p>
<p>K3S1_18a. How much of %rosteritle% harvested during %season1% was dedicated to <u>OTHER USES</u>?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL k3s1_18a</p> <p>-----</p>
<p>K3S1_18b. UNIT</p> <p>E k3s1_18a>0</p> <p>V1 stand_harvestcrops5>=(k3s1_18b.InList(1,2,3) ? k3s1_18a*weightConv[(int)k3s1_18b].factor : 0)</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season1%. PLEASE CHECK</p>	<p>SINGLE-SELECT k3s1_18b</p> <p>01 <input type="radio"/> KG</p> <p>02 <input type="radio"/> TON</p> <p>03 <input type="radio"/> GRAM</p> <p>04 <input type="radio"/> BAG</p>
<p>K3S1_18bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k3s1_18b==4</p> <p>V1 stand_harvestcrops5>=k3s1_18a*k3s1_18bbag</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season1%. PLEASE CHECK</p>	<p>NUMERIC: INTEGER k3s1_18bbag</p> <p>-----</p>
<p>VARIABLE</p> <p>k3s1_18b.InList(1,2,3) ? k3s1_18a*weightConv[(int)k3s1_18b].factor : k3s1_18a*k3s1_18bbag</p>	<p>DOUBLE standuse_oths5</p>

VARIABLE new[]{standuse_homes5, standuse_saless5, standuse_feeds5, standuse_oths5}.Sum()	DOUBLE	sum_uses5
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STATIC TEXT

THE TOTAL SUM OF USES OF %rosteritle% HARVESTED DURING %season1%: %sum_uses5% KG.

STATIC TEXT

E stand_harvestcrops5<sum_uses5

PLEASE CHECK HARVESTED AMOUNT AND THIS SECTION. THE TOTAL SUM OF USES IS LARGER THAN THE TOTAL AMOUNT OF %rosteritle% HARVESTED DURING %season1%

TOTAL SUM HARVESTED: %stand_harvestcrops5% KG.

TOTAL SUM OF USE: %sum_uses5% KG

[K3-S1] AGROFORESTRY - SEASON 1 / %SEASON1% ANNUAL CROPS - POST-HARVEST AND SALES/DISPOSITION / CROP
POST HARVEST & PROCESSING %SEASON1%

K3S1_19. How much of the %rosteritle% harvested during %season1% was lost to rotting, insects, rodents, theft, etc in the post-harvest period?	SINGLE-SELECT 01 <input type="radio"/> 0% 02 <input type="radio"/> 25% 03 <input type="radio"/> 50% 04 <input type="radio"/> 75% 05 <input type="radio"/> 100%	k3s1_19
K3S1_20. What was the reason for loss in the post-harvest period? I MAXIMUM2 ANSWERS E k3s1_19!=1	MULTI-SELECT 001 <input type="checkbox"/> ROTTING 002 <input type="checkbox"/> INSECTS 003 <input type="checkbox"/> ANIMAL DAMAGE 004 <input type="checkbox"/> FLOOD / WATERLOGGING 005 <input type="checkbox"/> THEFT 999 <input type="checkbox"/> OTHER (SPECIFY)	k3s1_20
K3S1_21. Did you store any %rosteritle% during %season1%?	SINGLE-SELECT 01 <input type="radio"/> YES 02 <input type="radio"/> NO	k3s1_21

[K3-S1] AGROFORESTRY - SEASON 1 / %SEASON1% ANNUAL CROPS - POST-HARVEST AND SALES/DISPOSITION / CROP
SALES %ROSTERTITLE%

E k3s1_16a>0

STATIC TEXT

E k3s1_16a>0

According to your answer given before, you stated to have sold %standuse_saless5% KG of %rosteritle% during %season1%.

K3S1_22. What was the total value of all sales of %rosteritle% harvested during %season1%? I VALUE IN SOMONI	NUMERIC: INTEGER -----	k3s1_22
K3S1_23. Who in your household kept / decided what to do with these earnings? I MAXIMUM2 ANSWERS	MULTI-SELECT: LINKED	k3s1_23

<p>K3S1_24. On average, how many transactions took place while selling %rosteritle% ?</p> <p>V1 self>0</p> <p>M1 Zero transactions seems unlikely. Please check.</p>	<p>NUMERIC: INTEGER k3s1_24</p> <p>-----</p>
<p>K3S1_25a. How far did the majority of transactions of %rosteritle% harvested during %season1% take place?</p> <p>I KM</p>	<p>NUMERIC: INTEGER k3s1_25a</p> <p>-----</p>
<p>K3S1_25b. PLEASE SELECT THE MEAN OF TRANSPORT</p>	<p>SINGLE-SELECT k3s1_25b</p> <p>001 <input type="radio"/> CAR</p> <p>002 <input type="radio"/> BICYCLE</p> <p>003 <input type="radio"/> MOTORCYCLE</p> <p>004 <input type="radio"/> WALK</p> <p>005 <input type="radio"/> BUS</p> <p>006 <input type="radio"/> DONKEY</p> <p>007 <input type="radio"/> HORSE</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
<p>K3S1_25both. Please specify.</p> <p>E k3s1_25b==999</p>	<p>TEXT k3s1_25both</p> <p>-----</p>
<p>K3S1_26. Who/What was the largest buyer/outlet for your %rosteritle% sales?</p>	<p>SINGLE-SELECT k3s1_26</p> <p>001 <input type="radio"/> Private trader within the village</p> <p>002 <input type="radio"/> Private trader within the district</p> <p>003 <input type="radio"/> Private trader in Tajikistan</p> <p>004 <input type="radio"/> Consumer buying at your farm gate</p> <p>005 <input type="radio"/> Consumer at main market within village</p> <p>006 <input type="radio"/> Consumer at main market within the district</p> <p>007 <input type="radio"/> Consumer at Mobile market</p> <p>008 <input type="radio"/> Agricultural cooperative within the village</p> <p>009 <input type="radio"/> Agricultural cooperative within the district</p> <p>010 <input type="radio"/> International trader</p> <p>011 <input type="radio"/> Neighbour/ Relative</p> <p>999 <input type="radio"/> OTHER, specify</p>
<p>K3S1_26oth. Please specify.</p> <p>E k3s1_26==999</p>	<p>TEXT k3s1_26oth</p> <p>-----</p>
<p>K3S1_27. What was the total value of all sales of %rosteritle% to the largest buyer %k3s1_26% during %season1%?</p> <p>I IN SOMONI</p> <p>V1 self<=k3s1_22</p> <p>M1 Value of sales to largest buyer of unprocessed %rosteritle% can not be larger than the value of total sales during %season1%. Please check.</p>	<p>NUMERIC: INTEGER k3s1_27</p> <p>-----</p>
<p>K3S1_28. Was the sale of %rosteritle% to LARGEST BUYER part of an outgrower scheme or contract farming during the %season1%?</p>	<p>SINGLE-SELECT k3s1_28</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>

[K3-S2] AGROFORESTRY - SEASON 2

E consent==1 && j0_00==1 && parcelroster.Any(p=>p.plotroster_s2.Any(x=>x.j2s2_7==1)) && parcelroster.Any(p=>p.plotroster_s2.Any(x=>x.j2s2_9==1)) && parcelroster.Any(p=>p.plotroster_s2.Any(x=>x.j2s2_10==1)) [And 5 other symbols \[3\]](#)

[K3-S2] AGROFORESTRY - SEASON 2
Roster: PARCEL

generated by list question [j1_1](#)

parcelroster6

E plotroster_s2.Any(x=>x.j2s2_7==1 && x.j2s2_9==1 && x.j2s2_10==2)

[K3-S2] AGROFORESTRY - SEASON 2 / PARCEL
Roster: PLOT

generated by list question [j1_13](#)

plotroster3_s2

E plotroster_s2[@rowcode].j2s2_7==1 && plotroster_s2[@rowcode].j2s2_9==1 && plotroster_s2[@rowcode].j2s2_10==2

K3S2_01. Who in the household makes the decisions concerning crops to be planted, input use and the timing of cropping activities on %plotroster3_s2% during %season2%?

MULTI-SELECT: LINKED

k3s2_01

I MAXIMUM 2 ANSWERS

[K3-S2] AGROFORESTRY - SEASON 2 / PARCEL / PLOT
LAND PREPARATION

K3S2_03. How was crop residue on %plotroster3_s2% from previous planting season mainly used / disposed of?

SINGLE-SELECT

k3s2_03

- 01 LEFT IN THE FIELD THEN PLOWED / INCORPORATED INTO THE FIELD
- 02 LEFT IN THE FIELD AND GRAZED BY ANIMALS
- 03 BURNED ON THE FIELD
- 04 CUT AND SPREAD ON THE FIELD
- 05 CUT AND REMOVED FROM THE FIELD AND FED TO ANIMALS
- 06 CUT AND REMOVED FROM FIELD FOR OTHER HOUSEHOLD USE
- 07 NEW FIELD, CLEARED LATER
- 08 LEFT IN THE FIELD OR DID NOTHING

K3S2_04. How did you prepare the soil for planting on %plotroster3_s2% during %season2%?

MULTI-SELECT

k3s2_04

I MAXIMUM 3 ANSWERS

- 001 HAND HOEING
- 002 PLOWING - MOLDBOARD
- 003 PLOWING - DISC
- 004 ZERO / MINIMUM TILLAGE
- 006 MANURE APPLICATION
- 007 FUMIGATION
- 008 RIDGING
- 999 OTHER (SPECIFY)

K3S2_04oth. Please specify how you prepared the soil

TEXT

k3s2_04oth

E k3s2_04.contains(999)

VI se1f.Length>2

M1 Description too short! Please specify more.

K3S2_05. What was the main source of power used to prepare the soil for planting on %plotroster3_s2% during %season2%?	<p>SINGLE-SELECT k3s2_05</p> <p>01 <input type="radio"/> OWN MANUAL LABOR</p> <p>02 <input type="radio"/> HIRED MANUAL LABOR</p> <p>03 <input type="radio"/> OWN ANIMAL</p> <p>04 <input type="radio"/> HIRED ANIMAL</p> <p>05 <input type="radio"/> OWN MECHANICAL</p> <p>06 <input type="radio"/> HIRED MECHANICAL</p>
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[K3-S2] AGROFORESTRY - SEASON 2 / PARCEL / PLOT
 %SEASON2% ANNUAL CROPS - PLANTING AND HARVEST

K3S2_06. Which ANNUAL crops were planted on %plotroster3_s2% during %season2%?	<p>MULTI-SELECT k3s2_06</p> <p>301 <input type="checkbox"/> Cucumbers</p> <p>302 <input type="checkbox"/> Eggplant</p> <p>303 <input type="checkbox"/> Wheat</p> <p>304 <input type="checkbox"/> Coliflower</p> <p>305 <input type="checkbox"/> Other legumes</p> <p>306 <input type="checkbox"/> Linen</p> <p>307 <input type="checkbox"/> Spices</p> <p>308 <input type="checkbox"/> Zucchini</p> <p>309 <input type="checkbox"/> Pumpkin</p> <p>310 <input type="checkbox"/> Paprika</p> <p>311 <input type="checkbox"/> Cabbage</p> <p>312 <input type="checkbox"/> Potatoes</p> <p>313 <input type="checkbox"/> Sesame</p> <p>314 <input type="checkbox"/> Pepper</p> <p>315 <input type="checkbox"/> Beetroot</p> <p>316 <input type="checkbox"/> Beans</p> <p>And 24 other symbols [11]</p>
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[K3-S2] AGROFORESTRY - SEASON 2 / PARCEL / PLOT / %SEASON2% ANNUAL CROPS - PLANTING AND HARVEST
 Roster: PLOT %PLOTROSTER3_S2% - CROP

generated by multi-select question [k3s2_06](#) plotcrop2_s2

K3S2_06th. Please specify	<p>TEXT k3s2_06th</p> <p>.....</p>
K3S2_07. Was the seeds/seedlings for %rostertitle% on %plotroster3_s2% during %season2% local, hybrid or improved?	<p>SINGLE-SELECT k3s2_07</p> <p>001 <input type="radio"/> LOCAL</p> <p>002 <input type="radio"/> HYBRID</p> <p>003 <input type="radio"/> MIX</p> <p>004 <input type="radio"/> IMPROVED</p> <p>888 <input type="radio"/> DON'T KNOW</p>
K3S2_08a. How much seed did you plant for %rostertitle% on %plotroster3_s2% during %season2%?	<p>NUMERIC: DECIMAL k3s2_08a</p> <p>-----</p>
K3S2_08b. UNIT OF SEEDS	<p>SINGLE-SELECT k3s2_08b</p> <p>01 <input type="radio"/> KG</p> <p>02 <input type="radio"/> TON</p> <p>03 <input type="radio"/> GRAM</p> <p>04 <input type="radio"/> BAGS</p> <p>05 <input type="radio"/> SEEDLINGS</p>

I QUANTITY

I UNIT OF QUANTITY
 E k3s2_08a>0

<p>K3S2_08bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k3s2_08b==4</p>	<p>NUMERIC: INTEGER k3s2_08bbag</p> <p>-----</p>
<p>K3S2_09a. When did you finish planting for %rosteritle% on %plotroster3_s2% during %season2%?</p> <p>I IF PLANTED MULTIPLE TIMES IN SEASON, ENTER FOR MONTH OF LARGEST PLANTATION</p>	<p>SINGLE-SELECT: COMBO BOX k3s2_09a</p> <p>01 <input type="radio"/> January 02 <input type="radio"/> February 03 <input type="radio"/> March 04 <input type="radio"/> April 05 <input type="radio"/> May 06 <input type="radio"/> June 07 <input type="radio"/> July 08 <input type="radio"/> August 09 <input type="radio"/> September 10 <input type="radio"/> October 11 <input type="radio"/> November 12 <input type="radio"/> December</p>
<p>K3S2_09b. In which half of %k3s2_09a% did you finish planting?</p>	<p>SINGLE-SELECT k3s2_09b</p> <p>01 <input type="radio"/> FIRST HALF 02 <input type="radio"/> SECOND HALF</p>
<p>K3S2_10a. How much %rosteritle% did you harvest from %plotroster3_s2% during %season2%?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL k3s2_10a</p> <p>-----</p>
<p>K3S2_10b. UNIT OF HARVEST</p> <p>I UNIT E k3s2_10a>0</p>	<p>SINGLE-SELECT k3s2_10b</p> <p>01 <input type="radio"/> KG 02 <input type="radio"/> TON 03 <input type="radio"/> GRAM 04 <input type="radio"/> BAGS</p>
<p>K3S2_10bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k3s2_10b==4</p>	<p>NUMERIC: INTEGER k3s2_10bbag</p> <p>-----</p>
<p>VARIABLE</p> <p>k3s2_10b.InList(1,2,3) ? k3s2_10a*weightConv[(int)k3s2_10b].factor : k3s2_10a*k3s2_10bbag</p>	<p>DOUBLE stand_harvests7</p>
<p>K3S2_11. Was the area harvested less than the area planted?</p>	<p>SINGLE-SELECT k3s2_11</p> <p>001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW</p>
<p>K3S2_12. Why was the area harvested less than the area planted?</p> <p>I PLEASE INDICATE ONLY THE MAIN REASON. E k3s2_11==1</p>	<p>SINGLE-SELECT k3s2_12</p> <p>001 <input type="radio"/> DROUGHT 002 <input type="radio"/> IRREGULAR RAINS 003 <input type="radio"/> FLOODS 004 <input type="radio"/> LANDSLIDES 005 <input type="radio"/> FIRE 006 <input type="radio"/> INSECTS 007 <input type="radio"/> ANIMALS 008 <input type="radio"/> DISEASE 009 <input type="radio"/> THEFT 999 <input type="radio"/> OTHER (SPECIFY)</p>

<p>K3S2_12oth. Please specify</p> <p>E k3s2_12==999</p>	<p>TEXT k3s2_12oth</p> <p>.....</p>
<p>K3S2_13a. When did you finish harvesting %rosteritle% from %plotroster3_s2% during %season2%?</p> <p>E k3s2_10a>0</p>	<p>SINGLE-SELECT: COMBO BOX k3s2_13a</p> <p>01 <input type="radio"/> January</p> <p>02 <input type="radio"/> February</p> <p>03 <input type="radio"/> March</p> <p>04 <input type="radio"/> April</p> <p>05 <input type="radio"/> May</p> <p>06 <input type="radio"/> June</p> <p>07 <input type="radio"/> July</p> <p>08 <input type="radio"/> August</p> <p>09 <input type="radio"/> September</p> <p>10 <input type="radio"/> October</p> <p>11 <input type="radio"/> November</p> <p>12 <input type="radio"/> December</p>
<p>K3S2_13b. In which half of %k3s2_13a% did you finish harvesting?</p> <p>E k3s2_10a>0</p>	<p>SINGLE-SELECT k3s2_13b</p> <p>01 <input type="radio"/> FIRST HALF</p> <p>02 <input type="radio"/> SECOND HALF</p>
<p>K3S2_14. Who in the household makes the decision concerning the use of %rosteritle% harvested from %plotroster3_s2% during %season2%?</p> <p>I MAXIMUM2 ANSWERS</p>	<p>MULTI-SELECT: LINKED k3s2_14</p>

[K3-S2] AGROFORESTRY - SEASON 2 / PARCEL / PLOT
TREE/PERMANENT CROPS - INPUTS AND HARVEST

<p>K3S2_29. Which trees / permanent crops were harvested from %plotroster3_s2% from October 2016 to November 2017?</p> <p>I MAXIMUM5 ANSWERS</p>	<p>MULTI-SELECT k3s2_29</p> <p>0401 <input type="checkbox"/> Grapes</p> <p>0402 <input type="checkbox"/> Garnet</p> <p>0403 <input type="checkbox"/> Figs</p> <p>0404 <input type="checkbox"/> Orange</p> <p>0405 <input type="checkbox"/> Quince</p> <p>0406 <input type="checkbox"/> Almond</p> <p>0407 <input type="checkbox"/> Cherries</p> <p>0408 <input type="checkbox"/> Apricots</p> <p>0409 <input type="checkbox"/> Lemon</p> <p>0410 <input type="checkbox"/> Pears</p> <p>0411 <input type="checkbox"/> Plum</p> <p>0412 <input type="checkbox"/> Pistachio</p> <p>0413 <input type="checkbox"/> Apples</p> <p>0414 <input type="checkbox"/> Mallberry</p> <p>0415 <input type="checkbox"/> Persimmon</p> <p>0416 <input type="checkbox"/> Nuts</p> <p>And 2 other symbols [12]</p>
<p>K3S2_29oth. Please specify</p> <p>E k3s2_29.Contains(1000) k3s2_29.ContainsOnly(1000)</p>	<p>TEXT k3s2_29oth</p> <p>.....</p>

[K3-S2] AGROFORESTRY - SEASON 2 / PARCEL / PLOT / TREE/PERMANENT CROPS - INPUTS AND HARVEST

Roster: CROP

generated by multi-select question [k3s2_29](#)

roster_perencrop4

<p>K3S2_30. Is the %rosteritle% planted in a dedicated area, or spread throughout %plotroster3_s2%?</p>	<p>SINGLE-SELECT k3s2_30 01 <input type="radio"/> Dedicated Area 02 <input type="radio"/> Spread Throughout</p>
<p>K3S2_31. Approximately how much of %plotroster3_s2% was/is planted with %rosteritle% ?</p> <p>E k3s2_30==1</p>	<p>SINGLE-SELECT k3s2_31 01 <input type="radio"/> Less than 1/4 02 <input type="radio"/> 1/4 03 <input type="radio"/> 1/2 04 <input type="radio"/> 3/4 05 <input type="radio"/> More than 3/4</p>
<p>K3S2_32. How many %rosteritle% are placed on this plot %plotroster3_s2%?</p> <p>V1 self>0 M1 Respondent said that this plot is planted with this crop. Quantity must be larger than zero.</p>	<p>NUMERIC: INTEGER k3s2_32 -----</p>
<p>K3S2_33. In what year were most of these %rosteritle% planted on plot %plotroster3_s2%?</p> <p>I YEAR IF DONT KNOW ENTER 888 V1 self.InRange(1850,2017) self==888 M1 This year seems unlikely. Please check.</p>	<p>NUMERIC: INTEGER k3s2_33 -----</p>
<p>K3S2_34. How many %rosteritle% were planted on %plotroster3_s2% from October 2016 to November 2017?</p> <p>I NUMBER OF PLANTED CROP V1 self<=k3s2_32 M1 This seems unlikely. Respondent stated that there are %k3s2_32% crops on this plot. Planted within last 12 months should be smaller or equal to this number. Please check.</p>	<p>NUMERIC: INTEGER k3s2_34 -----</p>
<p>K3S2_36a. How much %rosteritle% did you harvest from %plotroster3_s2% from October 2016 to November 2017?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL k3s2_36a -----</p>
<p>K3S2_36b. UNIT OF HARVEST</p> <p>I UNIT E k3s2_36a>0</p>	<p>SINGLE-SELECT k3s2_36b 01 <input type="radio"/> KG 02 <input type="radio"/> TON 03 <input type="radio"/> GRAM 04 <input type="radio"/> BAGS</p>
<p>K3S2_36c. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k3s2_36b==4</p>	<p>NUMERIC: INTEGER k3s2_36c -----</p>
<p>VARIABLE k3s2_36b.InList(1,2,3) ? k3s2_36a*weightConv[(int)k3s2_36b].factor : k3s2_36a*k3s2_36c</p>	<p>DOUBLE stand_harvests8</p>
<p>[K3-S2] AGROFORESTRY - SEASON 2 / PARCEL / PLOT IRRIGATION</p>	
<p>K3S2_51. from October 2016 to November 2017, was plot %plotroster3_s2% irrigated?</p>	<p>SINGLE-SELECT k3s2_51 001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW</p>

<p>K3S2_52. What is the primary source of water for irrigation on %plotroster3_s2%?</p> <p>I Difference between BOREHOLE and WELL is whether the well is drilled (BOREHOLE) or dug (WELL)</p> <p>E k3s2_51==1</p>	<p>SINGLE-SELECT k3s2_52</p> <p>001 <input type="radio"/> CANAL</p> <p>002 <input type="radio"/> BOREHOLE</p> <p>003 <input type="radio"/> WELL</p> <p>004 <input type="radio"/> RIVER / STREAM</p> <p>005 <input type="radio"/> POND / LAKE</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p> <p>888 <input type="radio"/> DON'T KNOW</p>
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<p>K3S2_52oth. Please specify the primary source of water for irrigation.</p> <p>E k3s2_52==999</p> <p>VI se1f.Length>2</p> <p>M1 Description is too short! Please specify more.</p>	<p>TEXT k3s2_52oth</p> <p>.....</p>
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<p>K3S2_53. What is the primary method for distributing water for irrigation on plot %plotroster3_s2% from October 2016 to November 2017?</p> <p>E k3s2_51==1</p>	<p>SINGLE-SELECT k3s2_53</p> <p>001 <input type="radio"/> HAND / BUCKET</p> <p>002 <input type="radio"/> HAND PUMP</p> <p>003 <input type="radio"/> MOTORIZED / ELECTRICAL PUMP</p> <p>004 <input type="radio"/> GRAVITY</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
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<p>K3S2_53oth. Please specify the primary method for distributing water for irrigation.</p> <p>E k3s2_53==999</p> <p>VI se1f.Length>2</p> <p>M1 Description is too short! Please specify more.</p>	<p>TEXT k3s2_53oth</p> <p>.....</p>
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[K3-S2] AGROFORESTRY - SEASON 2 / PARCEL / PLOT
FERTILIZER

<p>K3S2_54. Did you use any organic fertilizer on %plotroster3_s2% during %season1%?</p>	<p>SINGLE-SELECT k3s2_54</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
--	--

<p>K3S2_55. What type of organic fertilizer was used on %plotroster3_s2% from October 2016 to November 2017?</p> <p>I MAXIMUM3 ANSWERS</p> <p>E k3s2_54==1</p>	<p>MULTI-SELECT k3s2_55</p> <p>0601 <input type="checkbox"/> ANIMAL MANURE (FERMENTED)</p> <p>0602 <input type="checkbox"/> FRESH/GREEN MANURE (NON FERMENTED MANURE)</p> <p>0603 <input type="checkbox"/> COMPOST</p> <p>1002 <input type="checkbox"/> OTHER (SPECIFY)</p>
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[K3-S2] AGROFORESTRY - SEASON 2 / PARCEL / PLOT / FERTILIZER
Roster: ORGANIC FERTILIZER
generated by multi-select question [k3s2_55](#)

organfert2_s2

<p>K3S2_55oth. Please specify</p> <p>E @rowcode==1002</p>	<p>TEXT k3s2_55oth</p> <p>.....</p>
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<p>K3S2_56. How many times did you apply %rostertitle% on %plotroster3_s2% from October 2016 to November 2017?</p> <p>VI se1f>0</p> <p>M1 Respondent stated to have used %rostertitle% during the last 12 months. Therefore must be larger than zero.</p>	<p>NUMERIC: INTEGER k3s2_56</p> <p>-----</p>
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<p>K3S2_58. Did you use any inorganic fertilizer on %plotroster3_s2% from October 2016 to November 2017?</p>	<p>SINGLE-SELECT k3s2_58</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>K3S2_59. What types of inorganic fertilizer did you apply on %plotroster3_s2% from October 2016 to November 2017?</p> <p>I MAXIMUM 3 ANSWERS E k3s2_58==1</p>	<p>MULTI-SELECT k3s2_59</p> <p>0701 <input type="checkbox"/> Ammonium nitrate</p> <p>0702 <input type="checkbox"/> Urea</p> <p>0703 <input type="checkbox"/> Superphosphate</p> <p>0704 <input type="checkbox"/> Ammophos</p> <p>0705 <input type="checkbox"/> Potassium chloride</p> <p>1003 <input type="checkbox"/> OTHER (SPECIFY)</p>

[K3-S2] AGROFORESTRY - SEASON 2 / PARCEL / PLOT / FERTILIZER
Roster: INORGANIC FERTILIZER
generated by multi-select question [k3s2_59](#)

inorgfertilizer2_s2

<p>K3S2_59oth. Please specify</p> <p>E @rowcode==1003</p>	<p>TEXT k3s2_59oth</p> <p>.....</p>
<p>K3S2_60. How many times did you apply %rosteritle% on %plotroster3_s2% from October 2016 to November 2017?</p>	<p>NUMERIC: INTEGER k3s2_60</p> <p>-----</p>
<p>K3S2_61a. How much in total of %rosteritle% was applied on %plotroster3_s2% from October 2016 to November 2017?</p> <p>I QUANTITY VI se1f>0 MI Respondent stated to have used %rosteritle% during the last 12 months on plot %plotroster3_s2%. Therefore quantity must be larger than zero</p>	<p>NUMERIC: DECIMAL k3s2_61a</p> <p>-----</p>
<p>K3S2_61b. UNIT</p> <p>E k3s2_61a>0</p>	<p>SINGLE-SELECT k3s2_61b</p> <p>01 <input type="radio"/> KG</p> <p>02 <input type="radio"/> TON</p> <p>03 <input type="radio"/> GRAM</p> <p>04 <input type="radio"/> BAGS</p> <p>05 <input type="radio"/> LITER</p> <p>06 <input type="radio"/> MILLILITER</p> <p>07 <input type="radio"/> TABLETS</p>
<p>K3S2_61bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k3s2_61b==4</p>	<p>NUMERIC: INTEGER k3s2_61bbag</p> <p>-----</p>

[K3-S2] AGROFORESTRY - SEASON 2 / PARCEL / PLOT
WEED AND PEST CONTROL

<p>K3S2_62. Did you use any pesticides / herbicides on this plot %plotroster3_s2% from October 2016 to November 2017?</p>	<p>SINGLE-SELECT k3s2_62</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
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<p>K3S2_63. What type(s) of pesticide / herbicide did you apply on plot %plotroster3_s2% from October 2016 to November 2017?</p> <p>I MAXIMUM 3 ANSWERS E k3s2_62==1</p>	<p>MULTI-SELECT k3s2_63</p> <p>0801 <input type="checkbox"/> INSECTICIDE 0802 <input type="checkbox"/> HERBICIDE 0803 <input type="checkbox"/> FUNGICIDE 1004 <input type="checkbox"/> OTHER (SPECIFY)</p>
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[K3-S2] AGROFORESTRY - SEASON 2 / PARCEL / PLOT / WEED AND PEST CONTROL
Roster: PESTICIDE/HERBICIDE
generated by multi-select question [k3s2_63](#)

pesticide2_s2

<p>K3S2_63oth. Please specify</p> <p>E @rowcode==1004</p>	<p>TEXT k3s2_63oth</p> <p>.....</p>
<p>K3S2_64. How many times did you apply %roster3_s2% on plot %plotroster3_s2% from October 2016 to November 2017?</p>	<p>NUMERIC: INTEGER k3s2_64</p> <p>-----</p>
<p>K3S2_65a. How much in total of %roster3_s2% was applied on %plotroster3_s2% from October 2016 to November 2017?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL k3s2_65a</p> <p>-----</p>
<p>K3S2_65b. UNIT</p> <p>E k3s2_65a>0</p>	<p>SINGLE-SELECT k3s2_65b</p> <p>01 <input type="radio"/> KG 02 <input type="radio"/> TON 03 <input type="radio"/> GRAM 04 <input type="radio"/> BAGS 05 <input type="radio"/> LITER 06 <input type="radio"/> MILLILITER 07 <input type="radio"/> CANISTER/BUCKET 08 <input type="radio"/> TABLETS</p>
<p>K3S2_65bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k3s2_65b==4</p>	<p>NUMERIC: INTEGER k3s2_65bbag</p> <p>-----</p>
<p>K3S2_65bcan. How many LITERS does ONE CANISTER/BUCKET contain?</p> <p>E k3s2_65b==7</p>	<p>NUMERIC: DECIMAL k3s2_65bcan</p> <p>-----</p>

[K3-S2] AGROFORESTRY - SEASON 2 / PARCEL / PLOT
LABOR

STATIC TEXT

For the following stages of agricultural production from October 2016 to November 2017 on %plotroster3_s2%:

[K3-S2] AGROFORESTRY - SEASON 2 / PARCEL / PLOT / LABOR
LABOR - LAND PREPARATION AND PLANTING

<p>K3S2_66. How many days of family labor were worked on land preparation / planting on %plotroster3_s2% from October 2016 to November 2017?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k3s2_66</p> <p>-----</p>
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<p>K3S2_68. How many days of hired labor were worked on land preparation / planting on %plotroster3_s2% from October 2016 to November 2017?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k3s2_68</p> <p>-----</p>
<p>K3S2_69. What was the total cost, in cash and in kind, for the days of hired labor on land preparation / planting on %plotroster3_s2% from October 2016 to November 2017?</p> <p>I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI.</p> <p>E k3s2_68>0</p>	<p>NUMERIC: INTEGER k3s2_69</p> <p>-----</p>

[K3-S2] AGROFORESTRY - SEASON 2 / PARCEL / PLOT / LABOR
LABOR - HARVEST

<p>K3S2_70. How many days of family labor were worked on HARVEST on %plotroster3_s2% from October 2016 to November 2017?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k3s2_70</p> <p>-----</p>
<p>K3S2_72. How many days of hired labor were worked on HARVEST on %plotroster3_s2% from October 2016 to November 2017?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k3s2_72</p> <p>-----</p>
<p>K3S2_73. What was the total cost, in cash and in kind, for the days of hired labor on HARVEST on %plotroster3_s2% from October 2016 to November 2017?</p> <p>I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI.</p> <p>E k3s2_72>0</p>	<p>NUMERIC: INTEGER k3s2_73</p> <p>-----</p>

[K3-S2] AGROFORESTRY - SEASON 2 / PARCEL / PLOT / LABOR
LABOR - ANY OTHER ACTIVITY

<p>K3S2_74. How many days of family labor were worked on any other activity on %plotroster3_s2% from October 2016 to November 2017?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k3s2_74</p> <p>-----</p>
<p>K3S2_76. How many days of hired labor were worked on any other activity on %plotroster3_s2% from October 2016 to November 2017?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k3s2_76</p> <p>-----</p>
<p>K3S2_77. What was the total cost, in cash and in kind, for the days of hired labor on any other activity on %plotroster3_s2% from October 2016 to November 2017?</p> <p>I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI.</p> <p>E k3s2_76>0</p>	<p>NUMERIC: INTEGER k3s2_77</p> <p>-----</p>

[K3-S2] AGROFORESTRY - SEASON 2

%SEASON2% ANNUAL CROPS - POST-HARVEST AND SALES/DISPOSITION

[K3-S2] AGROFORESTRY - SEASON 2 / %SEASON2% ANNUAL CROPS - POST-HARVEST AND SALES/DISPOSITION

Roster: CROP

generated by fixed list

cropdisposition2_s2

- 301 Cucumbers
- 302 Eggplant
- 303 Wheat
- 304 Coliflower
- 305 Other legumes
- 306 Linen
- 307 Spices
- 308 Zucchini
- 309 Pumpkin
- 310 Paprika
- 311 Cabbage
- 312 Potatoes
- 313 Sesame
- 314 Pepper
- 315 Beetroot
- 316 Beans
- 317 Flax
- 318 Mung bean
- 319 Other types of vegetables
- 320 Lentils
- 321 Peas
- 322 Sunflower
- 323 Cotton
- 324 Onions
- 325 Tomatoes
- 326 Carrot
- 327 Garlic
- 328 Soybean
- 329 Tobacco
- 330 Melons
- 331 Watermelon
- 332 Peanut
- 333 Spring rye
- 334 Winter rye
- 335 Spring burley
- 336 Winter barley
- 337 Oats
- 338 Corn
- 339 Rice
- 999 OTHER

E parce1roster6.Any(p=>p.plotroster3_s2.where(x=>x.j2s2_10==2 && x.j2s2_9==1 && x.j2s2_7==1 && IsAnswered(x.k3s2_06)).Any(c=>c.k3s2_06.Contains(@rowcode)))

VARIABLE parcelroster6.Sum(y=>y.plotroster3_s2.where(x=>x.k3s2_06 !=null && x.k3s2_06.Contains(@rowcode)).Sum(p=>p.plotcrop2_s2[@rowcode].stand_harvests7))	DOUBLE stand_harvestcrops7
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[K3-S2] AGROFORESTRY - SEASON 2 / %SEASON2% ANNUAL CROPS - POST-HARVEST AND SALES/DISPOSITION / CROP
CROP USES %SEASON2%

K3S2_15a. How much of %rosteritle% harvested during %season2% was used for <u>OWN CONSUMPTION</u> ? I QUANTITY	NUMERIC: DECIMAL ----- k3s2_15a
K3S2_15b. UNIT E k3s2_15a>0 V1 stand_harvestcrops7>=(k3s2_15b.InList(1,2,3) ? k3s2_15a*weightConv[(int)k3s2_15b].factor : (int)0) M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season2%. PLEASE CHECK [ENUMERATOR: TOTAL HARVEST IS: %stand_harvestcrops7%]	SINGLE-SELECT k3s2_15b 01 <input type="radio"/> KG 02 <input type="radio"/> TON 03 <input type="radio"/> GRAM 04 <input type="radio"/> BAGS
K3S2_15bbag. How many KGs does <u>ONE BAG</u> contain? E k3s2_15b==4 V1 stand_harvestcrops7>=k3s2_15a*k3s2_15bbag M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season2%. PLEASE CHECK	NUMERIC: INTEGER ----- k3s2_15bbag
VARIABLE k3s2_15b.InList(1,2,3) ? k3s2_15a*weightConv[(int)k3s2_15b].factor : k3s2_15a*k3s2_15bbag	DOUBLE standuse_homes7
K3S2_16a. How much of %rosteritle% harvested during %season2% was <u>SOLD</u> ? I QUANTITY	NUMERIC: DECIMAL ----- k3s2_16a
K3S2_16b. UNIT E k3s2_16a>0 V1 stand_harvestcrops7>=(k3s2_16b.InList(1,2,3) ? k3s2_16a*weightConv[(int)k3s2_16b].factor : 0) M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season2%. PLEASE CHECK	SINGLE-SELECT k3s2_16b 01 <input type="radio"/> KG 02 <input type="radio"/> TON 03 <input type="radio"/> GRAM 04 <input type="radio"/> BAG
K3S2_16bbag. How many KGs does <u>ONE BAG</u> contain? E k3s2_16b==4 V1 stand_harvestcrops7>=k3s2_16a*k3s2_16bbag M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season2%. PLEASE CHECK	NUMERIC: INTEGER ----- k3s2_16bbag
VARIABLE k3s2_16b.InList(1,2,3) ? k3s2_16a*weightConv[(int)k3s2_16b].factor : k3s2_16a*k3s2_16bbag	DOUBLE standuse_saless7
K3S2_17a. How much of %rosteritle% harvested during %season2% was used for <u>ANIMAL FEED</u> ? I QUANTITY	NUMERIC: DECIMAL ----- k3s2_17a

<p>K3S2_17b. UNIT</p> <p>E k3s2_17a>0</p> <p>V1 stand_harvestcrops7>=(k3s2_17b.InList(1,2,3) ? k3s2_17a*weightConv[(int)k3s2_17b].factor : 0)</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season2%. PLEASE CHECK</p>	<p>SINGLE-SELECT k3s2_17b</p> <p>01 <input type="radio"/> KG</p> <p>02 <input type="radio"/> TON</p> <p>03 <input type="radio"/> GRAM</p> <p>04 <input type="radio"/> BAG</p>
<p>K3S2_17bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k3s2_17b==4</p> <p>V1 stand_harvestcrops7>=k3s2_17a*k3s2_17bbag</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season2%. PLEASE CHECK</p>	<p>NUMERIC: INTEGER k3s2_17bbag</p> <p>-----</p>
<p>VARIABLE</p> <p>k3s2_17b.InList(1,2,3) ? k3s2_17a*weightConv[(int)k3s2_17b].factor : k3s2_17a*k3s2_17bbag</p>	<p>DOUBLE standuse_feeds7</p>
<p>K3S2_18a. How much of %rosteritle% harvested during %season2% was dedicated to <u>OTHER USES</u>?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL k3s2_18a</p> <p>-----</p>
<p>K3S2_18b. UNIT</p> <p>E k3s2_18a>0</p> <p>V1 stand_harvestcrops7>=(k3s2_18b.InList(1,2,3) ? k3s2_18a*weightConv[(int)k3s2_18b].factor : 0)</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season2%. PLEASE CHECK</p>	<p>SINGLE-SELECT k3s2_18b</p> <p>01 <input type="radio"/> KG</p> <p>02 <input type="radio"/> TON</p> <p>03 <input type="radio"/> GRAM</p> <p>04 <input type="radio"/> BAG</p>
<p>K3S2_18bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k3s2_18b==4</p> <p>V1 stand_harvestcrops7>=k3s2_18a*k3s2_18bbag</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season2%. PLEASE CHECK</p>	<p>NUMERIC: INTEGER k3s2_18bbag</p> <p>-----</p>
<p>VARIABLE</p> <p>k3s2_18b.InList(1,2,3) ? k3s2_18a*weightConv[(int)k3s2_18b].factor : k3s2_18a*k3s2_18bbag</p>	<p>DOUBLE standuse_oths7</p>
<p>VARIABLE</p> <p>new[]{standuse_homes7, standuse_saless7, standuse_feeds7, standuse_oths7}.Sum()</p>	<p>DOUBLE sum_uses7</p>
<p>STATIC TEXT</p> <p>THE TOTAL SUM OF USES OF %rosteritle% HARVESTED DURING %season2%: %sum_uses7% KG.</p>	
<p>STATIC TEXT</p> <p>E stand_harvestcrops7<sum_uses7</p> <p>PLEASE CHECK HARVESTED AMOUNT AND THIS SECTION. THE TOTAL SUM OF USES IS LARGER THAN THE TOTAL AMOUNT OF %rosteritle% HARVESTED DURING %season2%</p> <p>TOTAL SUM HARVESTED: %stand_harvestcrops7% KG.</p> <p>TOTAL SUM OF USE: %sum_uses7% KG</p>	
<p>[K3-S2] AGROFORESTRY - SEASON 2 / %SEASON2% ANNUAL CROPS - POST-HARVEST AND SALES/DISPOSITION / CROP POST HARVEST & PROCESSING %SEASON2%</p>	

<p>K3S2_19. How much of the %rosteritle% harvested during %season2% was lost to rotting, insects, rodents, theft, etc in the post-harvest period?</p>	<p>SINGLE-SELECT k3s2_19</p> <p>01 <input type="radio"/> 0%</p> <p>02 <input type="radio"/> 25%</p> <p>03 <input type="radio"/> 50%</p> <p>04 <input type="radio"/> 75%</p> <p>05 <input type="radio"/> 100%</p>
<p>K3S2_20. What was the reason for loss in the post-harvest period?</p> <p>I MAXIMUM2 ANSWERS</p> <p>E k3s2_19!=1</p>	<p>MULTI-SELECT k3s2_20</p> <p>001 <input type="checkbox"/> ROTTING</p> <p>002 <input type="checkbox"/> INSECTS</p> <p>003 <input type="checkbox"/> ANIMAL DAMAGE</p> <p>004 <input type="checkbox"/> FLOOD / WATERLOGGING</p> <p>005 <input type="checkbox"/> THEFT</p> <p>999 <input type="checkbox"/> OTHER (SPECIFY)</p>
<p>K3S2_21. Did you store any %rosteritle% during %season2%?</p>	<p>SINGLE-SELECT k3s2_21</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>

[K3-S2] AGROFORESTRY - SEASON 2 / %SEASON2% ANNUAL CROPS - POST-HARVEST AND SALES/DISPOSITION / CROP SALES %ROSTERTITLE%

E k3s2_16a>0

STATIC TEXT

E k3s2_16a>0

According to your answer given before, you stated to have sold %standuse_ saless7% KG of %rosteritle% during %season2%.

<p>K3S2_22. What was the total value of all sales of %rosteritle% harvested during %season2%?</p> <p>I VALUE IN SOMONI</p>	<p>NUMERIC: INTEGER k3s2_22</p> <p>-----</p>
<p>K3S2_23. Who in your household kept / decided what to do with these earnings?</p> <p>I MAXIMUM2 ANSWERS</p>	<p>MULTI-SELECT: LINKED k3s2_23</p>
<p>K3S2_24. On average, how many transactions took place while selling %rosteritle% ?</p> <p>V1 se1f>0</p> <p>M1 Zero transactions seems unlikely. Please check.</p>	<p>NUMERIC: INTEGER k3s2_24</p> <p>-----</p>
<p>K3S2_25a. How far did the majority of transactions of %rosteritle% harvested during %season2% take place?</p> <p>I KM</p>	<p>NUMERIC: INTEGER k3s2_25a</p> <p>-----</p>
<p>K3S2_25b. PLEASE SELECT THE MEAN OF TRANSPORT</p>	<p>SINGLE-SELECT k3s2_25b</p> <p>001 <input type="radio"/> CAR</p> <p>002 <input type="radio"/> BICYCLE</p> <p>003 <input type="radio"/> MOTORCYCLE</p> <p>004 <input type="radio"/> WALK</p> <p>005 <input type="radio"/> BUS</p> <p>006 <input type="radio"/> DONKEY</p> <p>007 <input type="radio"/> HORSE</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>

<p>K3S2_25both. Please specify.</p> <p>E k3s2_25b==999</p>	<p>TEXT</p> <p style="text-align: right;">k3s2_25both</p> <p>.....</p>
<p>K3S2_26. Who/What was the largest buyer/outlet for your %rostertitle% sales?</p>	<p>SINGLE-SELECT</p> <p style="text-align: right;">k3s2_26</p> <p>001 <input type="radio"/> Private trader within the village</p> <p>002 <input type="radio"/> Private trader within the district</p> <p>003 <input type="radio"/> Private trader in Tajikistan</p> <p>004 <input type="radio"/> Consumer buying at your farm gate</p> <p>005 <input type="radio"/> Consumer at main market within village</p> <p>006 <input type="radio"/> Consumer at main market within the district</p> <p>007 <input type="radio"/> Consumer at Mobile market</p> <p>008 <input type="radio"/> Agricultural cooperative within the village</p> <p>009 <input type="radio"/> Agricultural cooperative within the district</p> <p>010 <input type="radio"/> International trader</p> <p>011 <input type="radio"/> Neighbour/ Relative</p> <p>999 <input type="radio"/> OTHER, specify</p>
<p>K3S2_26oth. Please specify.</p> <p>E k3s2_26==999</p>	<p>TEXT</p> <p style="text-align: right;">k3s2_26oth</p> <p>.....</p>
<p>K3S2_27. What was the total value of all sales of %rostertitle% to the largest buyer %k3s2_26% during %season2%?</p> <p>I IN SOMONI</p> <p>V1 self<=k3s2_22</p> <p>M1 Value of sales to largest buyer of unprocessed %rostertitle% can not be larger than the value of total sales during %season2%. Please check.</p>	<p>NUMERIC: INTEGER</p> <p style="text-align: right;">k3s2_27</p> <p>-----</p>
<p>K3S2_28. Was the sale of %rostertitle% to LARGEST BUYER part of an outgrower scheme or contract farming during the %season2%?</p>	<p>SINGLE-SELECT</p> <p style="text-align: right;">k3s2_28</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>

[K1-S2]. AGRICULTURAL PRODUCTION %SEASON2%

E (consent==1 && j0_00==1 && parcelroster.Any(p=>p.plotroster_s2.Any(x=>x.j2s2_7==1)) && parcelroster.Any(p=>p.plotroster_s2.where(z=>IsAnswered(z.j2s2_9)).Any(x=>x.j2s2_9==2)) && parcelroster.Any(p=> [And 258 other symbols \[4\]](#))

[K1-S2]. AGRICULTURAL PRODUCTION %SEASON2% %SEASON2% INPUTS AND HARVEST

[K1-S2]. AGRICULTURAL PRODUCTION %SEASON2% / %SEASON2% INPUTS AND HARVEST

Roster: PARCEL

generated by list question [j1_1](#)

parcelroster2

E parcelroster.Any(p=>p.plotroster_s2.where(z=>z.j2s2_7!=null).Any(x=>x.j2s2_7==1)) && parcelroster.Any(p=>p.plotroster_s2.where(z=>z.j2s2_9!=null).Any(x=>x.j2s2_9==2)) || parcelroster.Any(p=>p.plotroster_s2.where(z=>z.j2s2_9==2)) || [And 145 other symbols \[5\]](#)

[K1-S2]. AGRICULTURAL PRODUCTION %SEASON2% / %SEASON2% INPUTS AND HARVEST / PARCEL

Roster: PLOT

generated by list question [j1_13](#)

plotroster2_s2

E plotroster_s2[@rowcode].j2s2_9!=null ? plotroster_s2[@rowcode].j2s2_7==1 && plotroster_s2[@rowcode].j2s2_9==2 : true || plotroster_s2[@rowcode].j2s2_10!=null ? plotroster_s2[@rowcode].j2s2_7==1 [And 47 other symbols \[7\]](#)

<p>K1S2_1. Who in the household makes the decisions concerning crops to be planted, input use and the timing of cropping activities on %plotroster_s2% during %season2%?</p> <p>I SELECT UP TO 2 HOUSEHOLD MEMBERS.</p>	<p>MULTI-SELECT: LINKED k1s2_1</p>
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[K1-S2]. AGRICULTURAL PRODUCTION %SEASON2% / %SEASON2% INPUTS AND HARVEST / PARCEL / PLOT
LAND PREPARATION

<p>K1S2_3. How was crop residue on %rosteritle% from previous planting season mainly used / disposed of?</p>	<p>SINGLE-SELECT k1s2_3</p> <p>01 <input type="radio"/> LEFT IN THE FIELD THEN PLOWED / INCORPORATED INTO THE FIELD</p> <p>02 <input type="radio"/> LEFT IN THE FIELD AND GRAZED BY ANIMALS</p> <p>03 <input type="radio"/> BURNED ON THE FIELD</p> <p>04 <input type="radio"/> CUT AND SPREAD ON THE FIELD</p> <p>05 <input type="radio"/> CUT AND REMOVED FROM THE FIELD AND FED TO ANIMALS</p> <p>06 <input type="radio"/> CUT AND REMOVED FROM FIELD FOR OTHER HOUSEHOLD USE</p> <p>07 <input type="radio"/> NEW FIELD, CLEARED LATER</p> <p>08 <input type="radio"/> LEFT IN THE FIELD OR DID NOTHING</p>
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<p>K1S2_4. How did you prepare the soil for planting on %rosteritle% during %season2%?</p> <p>I MAXIMUM 3 ANSWERS</p>	<p>MULTI-SELECT k1s2_4</p> <p>001 <input type="checkbox"/> HAND HOEING</p> <p>002 <input type="checkbox"/> PLOWING - MOLDBOARD</p> <p>003 <input type="checkbox"/> PLOWING - DISC</p> <p>004 <input type="checkbox"/> ZERO / MINIMUM TILLAGE</p> <p>006 <input type="checkbox"/> MANURE APPLICATION</p> <p>007 <input type="checkbox"/> FUMIGATION</p> <p>008 <input type="checkbox"/> RIDGING</p> <p>999 <input type="checkbox"/> OTHER (SPECIFY)</p>
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<p>K1S2_4oth. Please specify how you prepared the soil</p> <p>E k1s2_4.Contains(999)</p> <p>V1 self.Length>2</p> <p>M1 Description too short! Please specify more.</p>	<p>TEXT k1s2_4oth</p> <p>.....</p>
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<p>K1S2_5. What was the main source of power used to prepare the soil for planting on %rosteritle% during %season2%?</p>	<p>SINGLE-SELECT k1s2_5</p> <p>01 <input type="radio"/> OWN MANUAL LABOR</p> <p>02 <input type="radio"/> HIRED MANUAL LABOR</p> <p>03 <input type="radio"/> OWN ANIMAL</p> <p>04 <input type="radio"/> HIRED ANIMAL</p> <p>05 <input type="radio"/> OWN MECHANICAL</p> <p>06 <input type="radio"/> HIRED MECHANICAL</p>
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<p>K1S2_6. Which ANNUAL crops were planted on %rosteritle% during %season2%?</p> <p>I MAXIMUM 5 ANSWERS</p>	<p>MULTI-SELECT k1s2_6</p> <p>301 <input type="checkbox"/> Cucumbers</p> <p>302 <input type="checkbox"/> Eggplant</p> <p>303 <input type="checkbox"/> Wheat</p> <p>304 <input type="checkbox"/> Coliflower</p> <p>305 <input type="checkbox"/> Other legumes</p> <p>306 <input type="checkbox"/> Linen</p> <p>307 <input type="checkbox"/> Spices</p> <p>308 <input type="checkbox"/> Zucchini</p> <p>309 <input type="checkbox"/> Pumpkin</p> <p>310 <input type="checkbox"/> Paprika</p> <p>311 <input type="checkbox"/> Cabbage</p> <p>312 <input type="checkbox"/> Potatoes</p> <p>313 <input type="checkbox"/> Sesame</p> <p>314 <input type="checkbox"/> Pepper</p> <p>315 <input type="checkbox"/> Beetroot</p> <p>316 <input type="checkbox"/> Beans</p> <p>And 24 other symbols [13]</p>
<p>K1S2_6oth. Please specify</p> <p>E k1s2_6.Contains(999) k1s2_6.Containsonly(999)</p>	<p>TEXT k1s2_6oth</p> <p>.....</p>

[K1-S2]. AGRICULTURAL PRODUCTION %SEASON2% / %SEASON2% INPUTS AND HARVEST / PARCEL / PLOT
IRRIGATION

<p>K1S2_7. During %season2%, was plot %rosteritle% irrigated?</p>	<p>SINGLE-SELECT k1s2_7</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>K1S2_8. What is the primary source of water for irrigation on %rosteritle%?</p> <p>I Difference between BOREHOLE and WELL is whether the well is drilled (BOREHOLE) or dug (WELL)</p> <p>E k1s2_7==1</p>	<p>SINGLE-SELECT k1s2_8</p> <p>001 <input type="radio"/> CANAL</p> <p>002 <input type="radio"/> BOREHOLE</p> <p>003 <input type="radio"/> WELL</p> <p>004 <input type="radio"/> RIVER / STREAM</p> <p>005 <input type="radio"/> POND / LAKE</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>K1S2_8oth. Please specify the primary source of water for irrigation.</p> <p>E k1s2_8==999</p> <p>V1 self.Length>2</p> <p>M1 Description is too short! Please specify more.</p>	<p>TEXT k1s2_8oth</p> <p>.....</p>
<p>K1S2_9. What is the primary method for distributing water for irrigation on plot %rosteritle% during %season1%?</p> <p>E k1s2_7==1</p>	<p>SINGLE-SELECT k1s2_9</p> <p>001 <input type="radio"/> HAND / BUCKET</p> <p>002 <input type="radio"/> HAND PUMP</p> <p>003 <input type="radio"/> MOTORIZED / ELECTRICAL PUMP</p> <p>004 <input type="radio"/> GRAVITY</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
<p>K1S2_9oth. Please specify the primary method for distributing water for irrigation.</p> <p>E k1s2_9==999</p> <p>V1 self.Length>2</p> <p>M1 Description is too short! Please specify more.</p>	<p>TEXT k1s2_9oth</p> <p>.....</p>

[K1-S2]. AGRICULTURAL PRODUCTION %SEASON2% / %SEASON2% INPUTS AND HARVEST / PARCEL / PLOT
FERTILIZER

<p>K1S2_10. Did you use any organic fertilizer on %rosteritle% during %season2%?</p>	<p>SINGLE-SELECT k1s2_10 001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW</p>
<p>K1S2_11. What type of organic fertilizer was used on %rosteritle% in the %season2%?</p> <p>I MAXIMUM3 ANSWERS E k1s2_10==1</p>	<p>MULTI-SELECT k1s2_11 0601 <input type="checkbox"/> ANIMAL MANURE (FERMENTED) 0602 <input type="checkbox"/> FRESH/GREEN MANURE (NON FERMENTED MANURE) 0603 <input type="checkbox"/> COMPOST 1002 <input type="checkbox"/> OTHER (SPECIFY)</p>

[K1-S2]. AGRICULTURAL PRODUCTION %SEASON2% / %SEASON2% INPUTS AND HARVEST / PARCEL / PLOT / FERTILIZER
Roster: ORGANIC FERTILIZER
 generated by multi-select question [k1s2_11](#)

organfert_s2

<p>K1S2_11oth. Please specify</p> <p>E @rowcode==1002</p>	<p>TEXT k1s2_11oth </p>
<p>K1S2_12. How many times did you apply %rosteritle% on %plotroster2_s2% during %season2%?</p> <p>V1 self>0 M1 Respondent stated to have used %rosteritle% during %season2%. The refore must be larger than zero.</p>	<p>NUMERIC: INTEGER k1s2_12 -----</p>
<p>K1S2_14. Did you use any inorganic fertilizer on %plotroster2_s2% during %season2%?</p>	<p>SINGLE-SELECT k1s2_14 001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW</p>
<p>K1S2_15. What types of inorganic fertilizer did you apply on %plotroster2_s2% during %season2%?</p> <p>I MAXIMUM3 ANSWERS E k1s2_14==1</p>	<p>MULTI-SELECT k1s2_15 0701 <input type="checkbox"/> Ammonium nitrate 0702 <input type="checkbox"/> Urea 0703 <input type="checkbox"/> Superphosphate 0704 <input type="checkbox"/> Ammophos 0705 <input type="checkbox"/> Potassium chloride 1003 <input type="checkbox"/> OTHER (SPECIFY)</p>

[K1-S2]. AGRICULTURAL PRODUCTION %SEASON2% / %SEASON2% INPUTS AND HARVEST / PARCEL / PLOT / FERTILIZER
Roster: INORGANIC FERTILIZER
 generated by multi-select question [k1s2_15](#)

inorgfertilizer_s2

<p>K1S2_15oth. Please specify</p> <p>E @rowcode==1003</p>	<p>TEXT k1s2_15oth </p>
<p>K1S2_16. How many times did you apply %rosteritle% on %plotroster2_s2% during %season2%?</p>	<p>NUMERIC: INTEGER k1s2_16 -----</p>

<p>K1S2_17a. How much in total of %rosteritle% was applied on %plotroster2_s2% during %season2%?</p> <p>I QUANTITY VI self>0 MI Respondent stated to have used %rosteritle% during %season2% on plot %plotroster2_s2%. Therefore quantity must be larger than zero.</p>	<p>NUMERIC: DECIMAL k1s2_17a</p> <p>-----</p>
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<p>K1S2_17b. UNIT</p>	<p>SINGLE-SELECT k1s2_17b</p> <p>01 <input type="radio"/> KG 02 <input type="radio"/> TON 03 <input type="radio"/> GRAM 04 <input type="radio"/> BAGS 05 <input type="radio"/> LITER 06 <input type="radio"/> MILLILITER 07 <input type="radio"/> TABLETS</p>
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<p>K1S2_17bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k1s2_17b==4</p>	<p>NUMERIC: INTEGER k1s2_17bbag</p> <p>-----</p>
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[K1-S2]. AGRICULTURAL PRODUCTION %SEASON2% / %SEASON2% INPUTS AND HARVEST / PARCEL / PLOT
WEED AND PEST CONTROL

<p>K1S2_18. Did you use any pesticides / herbicides on this plot %plotroster2_s2% during %season2%?</p>	<p>SINGLE-SELECT k1s2_18</p> <p>001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW</p>
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<p>K1S2_19. What type(s) of pesticide / herbicide did you apply on plot %plotroster2_s2% during %season2%?</p> <p>I MAXIMUM3 ANSWERS E k1s2_18==1</p>	<p>MULTI-SELECT k1s2_19</p> <p>0801 <input type="checkbox"/> INSECTICIDE 0802 <input type="checkbox"/> HERBICIDE 0803 <input type="checkbox"/> FUNGICIDE 1004 <input type="checkbox"/> OTHER (SPECIFY)</p>
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[K1-S2]. AGRICULTURAL PRODUCTION %SEASON2% / %SEASON2% INPUTS AND HARVEST / PARCEL / PLOT / WEED AND PEST CONTROL

Roster: PESTICIDE/HERBICIDE
generated by multi-select question [k1s2_19](#)

pesticide_s2

<p>K1S2_19oth. Please specify</p> <p>E @rowcode==1004</p>	<p>TEXT k1s2_19oth</p> <p>-----</p>
---	--

<p>K1S2_20. How many times did you apply %rosteritle% on plot %plotroster2_s2% during %season2%?</p>	<p>NUMERIC: INTEGER k1s2_20</p> <p>-----</p>
--	---

<p>K1S2_21a. How much in total of %rosteritle% was applied on %plotroster2_s2% during %season2%?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL k1s2_21a</p> <p>-----</p>
--	--

<p>K1S2_21b. UNIT</p> <p>E k1s2_21a>0</p>	<p>SINGLE-SELECT k1s2_21b</p> <p>01 <input type="radio"/> KG</p> <p>02 <input type="radio"/> TON</p> <p>03 <input type="radio"/> GRAM</p> <p>04 <input type="radio"/> BAGS</p> <p>05 <input type="radio"/> LITER</p> <p>06 <input type="radio"/> MILLILITER</p> <p>07 <input type="radio"/> CANISTER/BUCKET</p> <p>08 <input type="radio"/> TABLETS</p>
<p>K1S2_21bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k1s2_21b==4</p>	<p>NUMERIC: INTEGER k1s2_21bbag</p> <p>-----</p>
<p>K1S2_21bcan. How many LITERS does ONE CANISTER/BUCKET contain?</p> <p>E k1s2_21b==7</p>	<p>NUMERIC: DECIMAL k1s2_21bcan</p> <p>-----</p>

[K1-S2]. AGRICULTURAL PRODUCTION %SEASON2% / %SEASON2% INPUTS AND HARVEST / PARCEL / PLOT
LABOR

STATIC TEXT

For the following stages of agricultural production in %season2% on %plotroster2_s2%:

[K1-S2]. AGRICULTURAL PRODUCTION %SEASON2% / %SEASON2% INPUTS AND HARVEST / PARCEL / PLOT / LABOR
LABOR - LAND PREPARATION AND PLANTING

<p>K1S2_22. How many days of family labor were worked on land preparation / planting on %plotroster2_s2% during %season2%?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k1s2_22</p> <p>-----</p>
<p>K1S2_24. How many days of hired labor were worked on land preparation / planting on %plotroster2_s2% during %season2%?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k1s2_24</p> <p>-----</p>
<p>K1S2_25. What was the total cost, in cash and in kind, for the days of hired labor on land preparation / planting on %plotroster2_s2% during %season2%?</p> <p>I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI.</p> <p>E k1s2_24>0</p>	<p>NUMERIC: INTEGER k1s2_25</p> <p>-----</p>

[K1-S2]. AGRICULTURAL PRODUCTION %SEASON2% / %SEASON2% INPUTS AND HARVEST / PARCEL / PLOT / LABOR
LABOR - HARVEST

<p>K1S2_26. How many days of family labor were worked on HARVEST on %plotroster2_s2% during %season2%?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k1s2_26</p> <p>-----</p>
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<p>K1S2_28. How many days of hired labor were worked on HARVEST on %plotroster2_s2% during %season2%?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k1s2_28</p> <p>-----</p>
<p>K1S2_29. What was the total cost, in cash and in kind, for the days of hired labor on HARVEST on %plotroster2_s2% during %season2%?</p> <p>I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI.</p> <p>E k1s2_28>0</p>	<p>NUMERIC: INTEGER k1s2_29</p> <p>-----</p>

[K1-S2]. AGRICULTURAL PRODUCTION %SEASON2% / %SEASON2% INPUTS AND HARVEST / PARCEL / PLOT / LABOR
LABOR - ANY OTHER ACTIVITY

<p>K1S2_30. How many days of family labor were worked on any other activity on %plotroster2_s2% during %season2%?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k1s2_30</p> <p>-----</p>
<p>K1S2_32. How many days of hired labor were worked on any other activity on %plotroster2_s2% during %season2%?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k1s2_32</p> <p>-----</p>
<p>K1S2_33. What was the total cost, in cash and in kind, for the days of hired labor on any other activity on %plotroster2_s2% during %season2%?</p> <p>I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI.</p> <p>E k1s2_32>0</p>	<p>NUMERIC: INTEGER k1s2_33</p> <p>-----</p>

[K1-S2]. AGRICULTURAL PRODUCTION %SEASON2% / %SEASON2% INPUTS AND HARVEST / PARCEL / PLOT
PLANTING AND HARVEST

[K1-S2]. AGRICULTURAL PRODUCTION %SEASON2% / %SEASON2% INPUTS AND HARVEST / PARCEL / PLOT / PLANTING AND HARVEST
Roster: PLOT %PLOTROSTER_S2% - CROP

generated by multi-select question [k1s2_6](#) plotcrop_s2

<p>K1S2_34. Was the seeds/seedlings for %rostertitle% on %plotroster_s2% during %season2% local, hybrid or improved?</p>	<p>SINGLE-SELECT k1s2_34</p> <p>001 <input type="radio"/> LOCAL</p> <p>002 <input type="radio"/> HYBRID</p> <p>003 <input type="radio"/> MIX</p> <p>004 <input type="radio"/> IMPROVED</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>K1S2_35a. How much seed did you plant for %rostertitle% on %plotroster2_s2% during %season2%?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL k1s2_35a</p> <p>-----</p>
<p>K1S2_35b. UNIT OF SEEDS</p> <p>I UNIT OF QUANTITY</p> <p>E k1s2_35a>0</p>	<p>SINGLE-SELECT k1s2_35b</p> <p>01 <input type="radio"/> KG</p> <p>02 <input type="radio"/> TON</p> <p>03 <input type="radio"/> GRAM</p> <p>04 <input type="radio"/> BAGS</p> <p>05 <input type="radio"/> SEEDLINGS</p>

<p>K1S2_35bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k1s2_35b==4</p>	<p>NUMERIC: INTEGER k1s2_35bbag</p> <p>-----</p>
<p>K1S2_36a. When did you finish planting for %rosteritle% on %plotroster2_s2% during %season2%?</p> <p>I IF PLANTED MULTIPLE TIMES IN SEASON, ENTER FOR MONTH OF LARGEST PLANTATION</p>	<p>SINGLE-SELECT: COMBO BOX k1s2_36a</p> <p>01 <input type="radio"/> January 02 <input type="radio"/> February 03 <input type="radio"/> March 04 <input type="radio"/> April 05 <input type="radio"/> May 06 <input type="radio"/> June 07 <input type="radio"/> July 08 <input type="radio"/> August 09 <input type="radio"/> September 10 <input type="radio"/> October 11 <input type="radio"/> November 12 <input type="radio"/> December</p>
<p>K1S2_36b. In which half of %k1s2_36a% did you finish planting?</p>	<p>SINGLE-SELECT k1s2_36b</p> <p>01 <input type="radio"/> FIRST HALF 02 <input type="radio"/> SECOND HALF</p>
<p>K1S2_37a. How much %rosteritle% did you harvest from %plotroster2_s2% during %season2%?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL k1s2_37a</p> <p>-----</p>
<p>K1S2_37b. UNIT OF HARVEST</p> <p>I UNIT E k1s2_37a>0</p>	<p>SINGLE-SELECT k1s2_37b</p> <p>01 <input type="radio"/> KG 02 <input type="radio"/> TON 03 <input type="radio"/> GRAM 04 <input type="radio"/> BAGS</p>
<p>K1S2_37bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k1s2_37b==4</p>	<p>NUMERIC: INTEGER k1s2_37bbag</p> <p>-----</p>
<p>VARIABLE</p> <p>k1s2_37b.InList(1,2,3) ? k1s2_37a*WeightConv[(int)k1s2_37b].factor : k1s2_37a*k1s2_37bbag</p>	<p>DOUBLE stand_harvests2</p>
<p>K1S2_38. Was the area harvested less than the area planted?</p>	<p>SINGLE-SELECT k1s2_38</p> <p>001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW</p>
<p>K1S2_39. Why was the area harvested less than the area planted?</p> <p>I PLEASE INDICATE ONLY THE MAIN REASON. E k1s2_38==1</p>	<p>SINGLE-SELECT k1s2_39</p> <p>001 <input type="radio"/> DROUGHT 002 <input type="radio"/> IRREGULAR RAINS 003 <input type="radio"/> FLOODS 004 <input type="radio"/> LANDSLIDES 005 <input type="radio"/> FIRE 006 <input type="radio"/> INSECTS 007 <input type="radio"/> ANIMALS 008 <input type="radio"/> DISEASE 009 <input type="radio"/> THEFT 999 <input type="radio"/> OTHER (SPECIFY)</p>

<p>K1S2_39oth. Please specify</p> <p>E k1s2_39==999</p>	<p>TEXT</p> <p style="text-align: right;">k1s2_39oth</p> <p>.....</p>
<p>K1S2_40a. When did you finish harvesting %rostertitle% from %plotroster2_s2% during %season2%?</p>	<p>SINGLE-SELECT: COMBO BOX</p> <p style="text-align: right;">k1s2_40a</p> <p>01 <input type="radio"/> January</p> <p>02 <input type="radio"/> February</p> <p>03 <input type="radio"/> March</p> <p>04 <input type="radio"/> April</p> <p>05 <input type="radio"/> May</p> <p>06 <input type="radio"/> June</p> <p>07 <input type="radio"/> July</p> <p>08 <input type="radio"/> August</p> <p>09 <input type="radio"/> September</p> <p>10 <input type="radio"/> October</p> <p>11 <input type="radio"/> November</p> <p>12 <input type="radio"/> December</p>
<p>K1S2_40b. In which half of %k1s2_40a% did you finish harvesting?</p>	<p>SINGLE-SELECT</p> <p style="text-align: right;">k1s2_40b</p> <p>01 <input type="radio"/> FIRST HALF</p> <p>02 <input type="radio"/> SECOND HALF</p>
<p>K1S2_41. Who in the household makes the decision concerning the use of %rostertitle% harvested from %plotroster2_s2% during %season2%?</p> <p>I MAXIMUM2 ANSWERS</p>	<p>MULTI-SELECT: LINKED</p> <p style="text-align: right;">k1s2_41</p>

[K1-S2]. AGRICULTURAL PRODUCTION %SEASON2%
%SEASON2% POST-HARVEST AND SALES/DISPOSITION

E j0_1.Contains(2)

[K1-S2]. AGRICULTURAL PRODUCTION %SEASON2% / %SEASON2% POST-HARVEST AND SALES/DISPOSITION

Roster: CROP
generated by fixed list

cropdisposition_s2

- 301 Cucumbers
- 302 Eggplant
- 303 Wheat
- 304 Coliflower
- 305 Other legumes
- 306 Linen
- 307 Spices
- 308 Zucchini
- 309 Pumpkin
- 310 Paprika
- 311 Cabbage
- 312 Potatoes
- 313 Sesame
- 314 Pepper
- 315 Beetroot
- 316 Beans
- 317 Flax
- 318 Mung bean

- 319 Other types of vegetables
- 320 Lentils
- 321 Peas
- 322 Sunflower
- 323 Cotton
- 324 Onions
- 325 Tomatoes
- 326 Carrot
- 327 Garlic
- 328 Soybean
- 329 Tobacco
- 330 Melons
- 331 Watermelon
- 332 Peanut
- 333 Spring rye
- 334 Winter rye
- 335 Spring burley
- 336 Winter barley
- 337 Oats
- 338 Corn
- 339 Rice
- 999 OTHER (SPECIFY)

E parcelroster2.Any(p=>p.plotroster2_s2.where(x=>x.j2s2_7==1 && x.j2s2_9!=null && x.j2s2_9==2).Any(c=>c.k1s2_6!=null && c.k1s2_6.Contains(@rowcode))) || parcelroster2.Any(p=>p.plotroster2_s2.where(x= [And 106 other symbols \[6\]](#)))

VARIABLE parcelroster2.Sum(x=>x.plotroster2_s2.where(p=>p.k1s2_6!=null && p.k1s2_6.Contains(@rowcode)).Sum(y=>y.plotcrop_s2[@rowcode].stand_harvests2))	DOUBLE stand_harvestcrops2
--	---

[K1-S2]. AGRICULTURAL PRODUCTION %SEASON2% / %SEASON2% POST-HARVEST AND SALES/DISPOSITION / CROP
CROP USES %SEASON2%

K1S2_42a. How much of %rosteritle% harvested during %season2% was used for <u>OWN CONSUMPTION?</u> I QUANTITY	NUMERIC: DECIMAL k1s2_42a -----
--	---

K1S2_42b. UNIT E k1s2_42a>0 V1 stand_harvestcrops2>=(k1s2_42b.InList(1,2,3) ? k1s2_42a*weightConv[(int)k1s2_42b].factor : 0) M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season2%. PLEASE CHECK	SINGLE-SELECT k1s2_42b 01 <input type="radio"/> KG 02 <input type="radio"/> TON 03 <input type="radio"/> GRAM 04 <input type="radio"/> BAGS
--	--

K1S2_42bbag. How many KGs does <u>ONE BAG</u> contain? E k1s2_42b==4 V1 stand_harvestcrops2>=k1s2_42a*k1s2_42bbag M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season2%. PLEASE CHECK	NUMERIC: INTEGER k1s2_42bbag -----
---	--

VARIABLE k1s2_42b.InList(1,2,3) ? k1s2_42a*weightConv[(int)k1s2_42b].factor : k1s2_42a*k1s2_42bbag	DOUBLE standuse_homes2
---	---

K1S2_43a. How much of %rosteritle% harvested during %season2% was <u>SOLD</u> ?	NUMERIC: DECIMAL	k1s2_43a
I QUANTITY	-----	
K1S2_43b. UNIT	SINGLE-SELECT	k1s2_43b
E k1s2_43a>0 VI stand_harvestcrops2>=(k1s2_43b.InList(1,2,3) ? k1s2_43a*weightConv[(int)k1s2_43b].factor : 0) MI QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season2%. PLEASE CHECK	01 <input type="radio"/> KG 02 <input type="radio"/> TON 03 <input type="radio"/> GRAM 04 <input type="radio"/> BAG	
K1S2_43bbag. How many KGs does <u>ONE BAG</u> contain?	NUMERIC: INTEGER	k1s2_43bbag
E k1s2_43b==4 VI stand_harvestcrops2>=k1s2_43a*k1s2_43bbag MI QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season2%. PLEASE CHECK	-----	
VARIABLE k1s2_43b.InList(1,2,3) ? k1s2_43a*weightConv[(int)k1s2_43b].factor : k1s2_43a*k1s2_43bbag	DOUBLE	standuse_saless2
K1S2_44a. How much of %rosteritle% harvested during %season2% was used for <u>ANIMAL FEED</u> ?	NUMERIC: DECIMAL	k1s2_44a
I QUANTITY	-----	
K1S2_44b. UNIT	SINGLE-SELECT	k1s2_44b
E k1s2_44a>0 VI stand_harvestcrops2>=(k1s2_44b.InList(1,2,3) ? k1s2_44a*weightConv[(int)k1s2_44b].factor : 0) MI QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season2%. PLEASE CHECK	01 <input type="radio"/> KG 02 <input type="radio"/> TON 03 <input type="radio"/> GRAM 04 <input type="radio"/> BAG	
K1S2_44bbag. How many KGs does <u>ONE BAG</u> contain?	NUMERIC: INTEGER	k1s2_44bbag
E k1s2_44b==4 VI stand_harvestcrops2>=k1s2_44a*k1s2_44bbag MI QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season2%. PLEASE CHECK	-----	
VARIABLE k1s2_44b.InList(1,2,3) ? k1s2_44a*weightConv[(int)k1s2_44b].factor : k1s2_44a*k1s2_44bbag	DOUBLE	standuse_feeds2
K1S2_45a. How much of %rosteritle% harvested during %season2% was dedicated to <u>OTHER USES</u> ?	NUMERIC: DECIMAL	k1s2_45a
I QUANTITY	-----	
K1S2_45b. UNIT	SINGLE-SELECT	k1s2_45b
E k1s2_45a>0 VI stand_harvestcrops2>=(k1s2_45b.InList(1,2,3) ? k1s2_45a*weightConv[(int)k1s2_45b].factor : 0) MI QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season2%. PLEASE CHECK	01 <input type="radio"/> KG 02 <input type="radio"/> TON 03 <input type="radio"/> GRAM 04 <input type="radio"/> BAG	

<p>K1S2_45bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k1s2_45b==4</p> <p>V1 stand_harvestcrops2>=k1s2_45a*k1s2_45bbag</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season2%. PLEASE CHECK</p>	<p>NUMERIC: INTEGER k1s2_45bbag</p> <p>-----</p>
<p>VARIABLE</p> <p>k1s2_45b.InList(1,2,3) ? k1s2_45a*WeightConv[(int)k1s2_45b].factor : k1s2_45a*k1s2_45bbag</p>	<p>DOUBLE standuse_oths2</p>
<p>VARIABLE</p> <p>new[]{standuse_homes2, standuse_saless2,standuse_feeds2,standuse_oths2}.Sum()</p>	<p>DOUBLE sum_uses2</p>

STATIC TEXT

THE TOTAL SUM OF USES OF %rosteritle% HARVESTED DURING %season2%: %sum_uses2% KG.

STATIC TEXT

E stand_harvestcrops2<sum_uses2

PLEASE CHECK HARVESTED AMOUNT AND THIS SECTION. THE TOTAL SUM OF USES IS LARGER THAN THE TOTAL AMOUNT OF %rosteritle% HARVESTED DURING %season2%

TOTAL SUM HARVESTED: %stand_harvestcrops2% KG.

TOTAL SUM OF USES: %sum_uses2% KG

[K1-S2]. AGRICULTURAL PRODUCTION %SEASON2% / %SEASON2% POST-HARVEST AND SALES/DISPOSITION / CROP
POST HARVEST & PROCESSING %SEASON2%

<p>K1S2_46. How much of the %rosteritle% harvested during %season1% was lost to rotting, insects, rodents, theft, etc in the post-harvest period?</p>	<p>SINGLE-SELECT k1s2_46</p> <p>01 <input type="radio"/> 0%</p> <p>02 <input type="radio"/> 25%</p> <p>03 <input type="radio"/> 50%</p> <p>04 <input type="radio"/> 75%</p> <p>05 <input type="radio"/> 100%</p>
<p>K1S2_47. What was the reason for loss in the post-harvest period?</p> <p>I MAXIMUM2 ANSWERS</p> <p>E k1s2_46!=1</p>	<p>MULTI-SELECT k1s2_47</p> <p>001 <input type="checkbox"/> ROTTING</p> <p>002 <input type="checkbox"/> INSECTS</p> <p>003 <input type="checkbox"/> ANIMAL DAMAGE</p> <p>004 <input type="checkbox"/> FLOOD / WATERLOGGING</p> <p>005 <input type="checkbox"/> THEFT</p> <p>999 <input type="checkbox"/> OTHER (SPECIFY)</p>
<p>K1S2_48. Did you store any %rosteritle% during %season2%?</p>	<p>SINGLE-SELECT k1s2_48</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>

[K1-S2]. AGRICULTURAL PRODUCTION %SEASON2% / %SEASON2% POST-HARVEST AND SALES/DISPOSITION / CROP
SALES %ROSTERTITLE%

E k1s2_43a>0

STATIC TEXT

According to your answer given before, you stated to have sold %standuse_saless2% KG of %rosteritle% during %season2%.

K1S2_49. What was the total value of all sales of %rosteritle% harvested during %season2%?	NUMERIC: INTEGER	k1s2_49
I VALUE IN SOMONI	-----	
K1S2_50. Who in your household kept / decided what to do with these earnings?	MULTI-SELECT: LINKED	k1s2_50
I MAXIMUM2 ANSWERS		
K1S2_51. On average, how many transactions took place while selling %rosteritle% ?	NUMERIC: INTEGER	k1s2_51
V1 self>0	-----	
M1 Zero transactions seems unlikely. Please check.		
K1S2_52a. How far did the majority of transactions of %rosteritle% harvested during %season2% take place?	NUMERIC: INTEGER	k1s2_52a
I KM	-----	
K1S2_52b. PLEASE SELECT THE MEAN OF TRANSPORT	SINGLE-SELECT	k1s2_52b
	001 <input type="radio"/> CAR 002 <input type="radio"/> BICYCLE 003 <input type="radio"/> MOTORCYCLE 004 <input type="radio"/> WALK 005 <input type="radio"/> BUS 006 <input type="radio"/> DONKEY 007 <input type="radio"/> HORSE 999 <input type="radio"/> OTHER (SPECIFY)	
K1S2_52both. Please specify.	TEXT	k1s2_52both
E k1s2_52b==999	-----	
K1S2_53. Who/What was the largest buyer/outlet for your %rosteritle% sales?	SINGLE-SELECT	k1s2_53
	001 <input type="radio"/> Private trader within the village 002 <input type="radio"/> Private trader within the district 003 <input type="radio"/> Private trader in Tajikistan 004 <input type="radio"/> Consumer buying at your farm gate 005 <input type="radio"/> Consumer at main market within village 006 <input type="radio"/> Consumer at main market within the district 007 <input type="radio"/> Consumer at Mobile market 008 <input type="radio"/> Agricultural cooperative within the village 009 <input type="radio"/> Agricultural cooperative within the district 010 <input type="radio"/> International trader 011 <input type="radio"/> Neighbour/ Relative 999 <input type="radio"/> OTHER, specify	
K1S2_53oth. Please specify.	TEXT	k1s2_53oth
E k1s2_53==999	-----	

<p>K1S2_54. What was the total value of all sales of %rosteritle% to the largest buyer %k1s2_53% during %season2%?</p> <p>I IN SOMONI</p> <p>V1 se1f<=k1s2_49</p> <p>M1 Value of sales to largest buyer of unprocessed %rosteritle% can not be larger than the value of total sales during %season2%. Please check.</p>	<p>NUMERIC: INTEGER k1s2_54</p> <p>-----</p>
<p>K1S2_55. Was the sale of %rosteritle% to LARGEST BUYER part of an outgrower scheme or contract farming during the %season2%?</p>	<p>SINGLE-SELECT k1s2_55</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>

[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS

E consent==1 && j0_00==1

[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS

Roster: PARCEL

generated by list question j1_1

parcelroster3

E plotroster_s1.Any(x=>x.j2s1_7==2 && x.j2s1_10==2) || plotroster_s1.Any(x=>x.j2s1_7.InList(5,6) && IsAnswered(x.j2s1_9) && x.j2s1_9==1 && x.j2s1_10==2)

[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS / PARCEL

Roster: PLOT

generated by list question j1_11

treeroster1

E (plotroster_s1[@rowcode].j2s1_7==2 && plotroster_s1[@rowcode].j2s1_10==2) || (plotroster_s1[@rowcode].j2s1_7.InList(5,6) && plotroster_s1[@rowcode].IsAnswered(j2s1_9) && plotroster_s1[@rowcode].j2 [And 48 other symbols \[8\]](#))

<p>K2S1_1. Who in the household makes the decisions concerning crops to be planted, input use and the timing of cropping activities on %treeroster1% from October 2016 to November 2017?</p> <p>I MAXIMUM 2 ANSWERS</p>	<p>MULTI-SELECT: LINKED k2s1_1</p>
<p>K2S1_2. From October 2016 to November 2017, was plot %treeroster1% irrigated?</p>	<p>SINGLE-SELECT k2s1_2</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>K2S1_3. What is the primary source of water for irrigation on %treeroster1% ?</p> <p>I Difference between BOREHOLE and WELL is whether the well is drilled (BOREHOLE) or dug (WELL)</p> <p>E k2s1_2==1</p>	<p>SINGLE-SELECT k2s1_3</p> <p>001 <input type="radio"/> CANAL</p> <p>002 <input type="radio"/> BOREHOLE</p> <p>003 <input type="radio"/> WELL</p> <p>004 <input type="radio"/> RIVER / STREAM</p> <p>005 <input type="radio"/> POND / LAKE</p> <p>999 <input type="radio"/> OTHER, SPECIFY</p>
<p>K2S1_3oth. Please specify the primary source of water for irrigation.</p> <p>E k2s1_3==999</p> <p>V1 se1f.Length>2</p> <p>M1 Description is too short! Please specify more.</p>	<p>TEXT k2s1_3oth</p> <p>.....</p>

<p>K2S1_4. What was the primary method for distributing water for irrigation on plot from October 2016 to November 2017?</p> <p>E k2s1_2==1</p>	<p>SINGLE-SELECT k2s1_4</p> <p>001 <input type="radio"/> HAND / BUCKET</p> <p>002 <input type="radio"/> HAND PUMP</p> <p>003 <input type="radio"/> MOTORIZED / ELECTRICAL PUMP</p> <p>004 <input type="radio"/> FLOODING</p> <p>999 <input type="radio"/> OTHER, SPECIFY</p>
<p>K2S1_4oth. Please specify the primary method for distributing water for irrigation.</p> <p>E k2s1_4==999</p> <p>VI se1f.Length>2</p> <p>MI Description is too short! Please specify more.</p>	<p>TEXT k2s1_4oth</p> <p>.....</p>
<p>K2S1_5. Which trees / permanent crops were harvested from %treeroster1% from October 2016 to November 2017?</p> <p>I MAXIMUM 5 ANSWERS</p>	<p>MULTI-SELECT k2s1_5</p> <p>0401 <input type="checkbox"/> Grapes</p> <p>0402 <input type="checkbox"/> Garnet</p> <p>0403 <input type="checkbox"/> Figs</p> <p>0404 <input type="checkbox"/> Orange</p> <p>0405 <input type="checkbox"/> Quince</p> <p>0406 <input type="checkbox"/> Almond</p> <p>0407 <input type="checkbox"/> Cherries</p> <p>0408 <input type="checkbox"/> Apricots</p> <p>0409 <input type="checkbox"/> Lemon</p> <p>0410 <input type="checkbox"/> Pears</p> <p>0411 <input type="checkbox"/> Plum</p> <p>0412 <input type="checkbox"/> Pistachio</p> <p>0413 <input type="checkbox"/> Apples</p> <p>0414 <input type="checkbox"/> Mallberry</p> <p>0415 <input type="checkbox"/> Persimmon</p> <p>0416 <input type="checkbox"/> Nuts</p> <p>And 5 other symbols [14]</p>

[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS / PARCEL / PLOT

Roster: CROP

generated by multi-select question [k2s1_5](#)

roster_perencrop1

<p>K2S1_5oth. Please specify</p> <p>E @rowcode==1000</p>	<p>TEXT k3s1_5oth</p> <p>.....</p>
<p>K2S1_6. Is the %rostertitle% planted in a dedicated area, or spread throughout %treeroster1%?</p>	<p>SINGLE-SELECT k2s1_6</p> <p>01 <input type="radio"/> Dedicated Area</p> <p>02 <input type="radio"/> Spread Throughout</p>
<p>K2S1_7. Approximately how much of %treeroster1% was/is planted with %rostertitle% ?</p> <p>E k2s1_6==1</p>	<p>SINGLE-SELECT k2s1_7</p> <p>01 <input type="radio"/> Less than 1/4</p> <p>02 <input type="radio"/> 1/4</p> <p>03 <input type="radio"/> 1/2</p> <p>04 <input type="radio"/> 3/4</p> <p>05 <input type="radio"/> More than 3/4</p>
<p>K2S1_8. How many %rostertitle% are placed on this plot %treeroster1%?</p> <p>VI se1f>0</p> <p>MI Respondent said that this plot is planted with this crop. Quantity must be larger than zero.</p>	<p>NUMERIC: INTEGER k2s1_8</p> <p>.....</p>

<p>K2S1_9. In what year were most of these %rosteritle% planted on plot %treeroster1%?</p> <p>I YEAR IF DONT KNOW ENTER 888 V1 self.InRange(1850,2017) self==888 M1 This year seems unlikely. Please check.</p>	<p>NUMERIC: INTEGER k2s1_9</p> <p>-----</p>
<p>K2S1_10. How many %rosteritle% were planted on %treeroster1% from October 2016 to November 2017?</p> <p>I NUMBER OF PLANTED CROP V1 self<=k2s1_8 M1 This seems unlikely. Respondent stated that there are %k2s1_8% crops on this plot. Planted within last 12 months should be smaller or equal to this number. Please check.</p>	<p>NUMERIC: INTEGER k2s1_10</p> <p>-----</p>
<p>K2S1_12a. How much %rosteritle% did you harvest from %treeroster1% from October 2016 to November 2017?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL k2s1_12a</p> <p>-----</p>
<p>K2S1_12b. UNIT OF HARVEST</p> <p>I UNIT E k2s1_12a>0</p>	<p>SINGLE-SELECT k2s1_12b</p> <p>01 <input type="radio"/> KG 02 <input type="radio"/> TON 03 <input type="radio"/> GRAM 04 <input type="radio"/> BAGS</p>
<p>K2S1_12c. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k2s1_12b==4</p>	<p>NUMERIC: INTEGER k2s1_12c</p> <p>-----</p>
<p>VARIABLE k2s1_12b.InList(1,2,3) ? k2s1_12a*weightConv[(int)k2s1_12b].factor : k2s1_12a*k2s1_12c</p>	<p>DOUBLE stand_harvests3</p>

[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS / PARCEL / PLOT
FERTILIZER

<p>K2S1_13. Did you use any organic fertilizer on %treeroster1% from October 2016 to November 2017?</p>	<p>SINGLE-SELECT k2s1_13</p> <p>001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW</p>
<p>K2S1_14. What type of organic fertilizer was used on %treeroster1% from October 2016 to November 2017?</p> <p>I MAXIMUM3 ANSWERS E k2s1_13==1</p>	<p>MULTI-SELECT k2s1_14</p> <p>0601 <input type="checkbox"/> ANIMAL MANURE (FERMENTED) 0602 <input type="checkbox"/> FRESH/GREEN MANURE (NON FERMENTED MANURE) 0603 <input type="checkbox"/> COMPOST 1002 <input type="checkbox"/> OTHER (SPECIFY)</p>

[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS / PARCEL / PLOT / FERTILIZER
Roster: ORGANIC FERTILIZER

generated by multi-select question [k2s1_14](#)

organfert_TP1

<p>K2S1_14oth. Please specify</p> <p>E @rowcode==1002</p>	<p>TEXT k2s1_14oth</p> <p>-----</p>
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<p>K2S1_15. How many times did you apply %rosteritle% on %treeroster1% from October 2016 to November 2017?</p> <p>VI se1f>0</p> <p>M1 Respondent stated to have used %rosteritle% during %treeroster1%. Therefore must be larger than zero.</p>	<p>NUMERIC: INTEGER k2s1_15</p> <p>-----</p>
<p>K2S1_17. Did you use any inorganic fertilizer on %treeroster1% from October 2016 to November 2017?</p>	<p>SINGLE-SELECT k2s1_17</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>K2S1_18. What types of inorganic fertilizer did you apply on %treeroster1% from October 2016 to November 2017?</p> <p>I MAXIMUM3 ANSWERS</p> <p>E k2s1_17==1</p>	<p>MULTI-SELECT k2s1_18</p> <p>0701 <input type="checkbox"/> Ammonium nitrate</p> <p>0702 <input type="checkbox"/> Urea</p> <p>0703 <input type="checkbox"/> Superphosphate</p> <p>0704 <input type="checkbox"/> Ammophos</p> <p>0705 <input type="checkbox"/> Potassium chloride</p> <p>1003 <input type="checkbox"/> OTHER (SPECIFY)</p>

[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS / PARCEL / PLOT / FERTILIZER

Roster: INORGANIC FERTILIZER

generated by multi-select question [k2s1_18](#)

inorgfertilizer_tp1

<p>K2S1_18oth. Please specify</p> <p>E @rowcode==1003</p>	<p>TEXT k2s1_18oth</p> <p>-----</p>
<p>K2S1_19. How many times did you apply %rosteritle% on %treeroster1% from October 2016 to November 2017?</p>	<p>NUMERIC: INTEGER k2s1_19</p> <p>-----</p>
<p>K2S1_20a. How much in total of %rosteritle% was applied on %treeroster1% from October 2016 to November 2017?</p> <p>I QUANTITY</p> <p>VI se1f>0</p> <p>M1 Respondent stated to have used %rosteritle% during the last 12 months on plot %treeroster1%. Therefore quantity must be larger than zero.</p>	<p>NUMERIC: DECIMAL k2s1_20a</p> <p>-----</p>
<p>K2S1_20b. UNIT</p> <p>E k2s1_20a>0</p>	<p>SINGLE-SELECT k2s1_20b</p> <p>01 <input type="radio"/> KG</p> <p>02 <input type="radio"/> TON</p> <p>03 <input type="radio"/> GRAM</p> <p>04 <input type="radio"/> BAGS</p> <p>05 <input type="radio"/> LITER</p> <p>06 <input type="radio"/> MILLILITER</p> <p>07 <input type="radio"/> TABLETS</p>
<p>K2S1_20c. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k2s1_20b==4</p>	<p>NUMERIC: INTEGER k2s1_20c</p> <p>-----</p>

[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS / PARCEL / PLOT / FERTILIZER

WEED AND PEST CONTROL

K2S1_43. Did you use any pesticides / herbicides on this plot %treeroster1% from October 2016 to November 2017?	SINGLE-SELECT k2s1_43 001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW
K2S1_44. What type(s) of pesticide / herbicide did you apply on plot %treeroster1% from October 2016 to November 2017?	MULTI-SELECT k2s1_44 0801 <input type="checkbox"/> INSECTICIDE 0802 <input type="checkbox"/> HERBICIDE 0803 <input type="checkbox"/> FUNGICIDE 1004 <input type="checkbox"/> OTHER (SPECIFY)

I MAXIMUM 3 ANSWERS
E k2s1_43==1

[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS / PARCEL / PLOT / FERTILIZER / WEED AND PEST CONTROL

Roster: PESTICIDE/HERBICIDE

generated by multi-select question [k2s1_44](#)

pesticide_tp1

K2S1_44oth. Please specify	TEXT k2s1_44oth
E @rowcode==1004
K2S1_45. How many times did you apply %rostertitle% on plot %treeroster1% from October 2016 to November 2017?	NUMERIC: INTEGER k2s1_45

K2S1_46a. How much in total of %rostertitle% was applied on %treeroster1% from October 2016 to November 2017?	NUMERIC: DECIMAL k2s1_46a
I QUANTITY	-----
K2S1_46b. UNIT	SINGLE-SELECT k2s1_46b
	01 <input type="radio"/> KG 02 <input type="radio"/> TON 03 <input type="radio"/> GRAM 04 <input type="radio"/> BAGS 05 <input type="radio"/> LITER 06 <input type="radio"/> MILLILITER 07 <input type="radio"/> CANISTER/BUCKET 08 <input type="radio"/> TABLETS
K2S1_46bbag. How many KGs does <u>ONE BAG</u> contain?	NUMERIC: INTEGER k2s1_46bbag
E k2s1_46b==4	-----
K2S1_46bcan. How many LITERS does ONE CANISTER/BUCKET contain?	NUMERIC: DECIMAL k2s1_46bcan
E k2s1_46b==7	-----

[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS / PARCEL / PLOT
LABOR

STATIC TEXT

For the following stages of agricultural production from October 2016 to November 2017 on %treeroster1%:

[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS / PARCEL / PLOT / LABOR
LABOR - HARVEST

<p>K2S1_21. How many days of family labor were worked on HARVEST on %treeroster1% from October 2016 to November 2017?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k2s1_21</p> <p>-----</p>
<p>K2S1_23. How many days of hired labor were worked on HARVEST on %treeroster1% from October 2016 to November 2017?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k2s1_23</p> <p>-----</p>
<p>K2S1_24. What was the total cost, in cash and in kind, for the days of hired labor on HARVEST on %treeroster1% from October 2016 to November 2017?</p> <p>I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI.</p> <p>E k2s1_23>0</p>	<p>NUMERIC: INTEGER k2s1_24</p> <p>-----</p>

[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS / PARCEL / PLOT / LABOR
LABOR - ANY OTHER ACTIVITY

<p>K2S1_25. How many days of family labor were worked on any other activity on %treeroster1% from October 2016 to November 2017?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k2s1_25</p> <p>-----</p>
<p>K2S1_27. How many days of hired labor were worked on any other activity on %treeroster1% from October 2016 to November 2017?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k2s1_27</p> <p>-----</p>
<p>K2S1_28. What was the total cost, in cash and in kind, for the days of hired labor on any other activity on %treeroster1% from October 2016 to November 2017?</p> <p>I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI.</p> <p>E k2s1_27>0</p>	<p>NUMERIC: INTEGER k2s1_28</p> <p>-----</p>

[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS

Roster: PARCEL

generated by list question [j1_1](#)

parcelroster4

E p1troster_s2.Any(x=>x.j2s2_7==2 && x.j2s2_10==2) || p1troster_s2.Any(x=>x.j2s2_7.InList(5,6) && IsAnswered(x.j2s2_9) && x.j2s2_9==1 && x.j2s2_10==2 && IsAnswered(x.j2s2_10))

[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS / PARCEL

Roster: PLOT

generated by list question [j1_13](#)

treeroster2

E (plotroster_s2[@rowcode].j2s2_7==2 && plotroster_s2[@rowcode].j2s2_10==2) || (plotroster_s2[@rowcode].j2s2_7.InList(5,6) && p1troster_s2[@rowcode].IsAnswered(j2s2_9) && plotroster_s2[@rowcode].j [And 95 other symbols \[9\]](#))

<p>K2S2_1. Who in the household makes the decisions concerning crops to be planted, input use and the timing of cropping activities on %treeroster2% from October 2016 to November 2017?</p> <p>I MAXIMUM2 ANSWERS</p>	<p>MULTI-SELECT: LINKED k2s2_1</p>
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<p>K2S2_2. From October 2016 to November 2017, was plot %treeroster2% irrigated?</p>	<p>SINGLE-SELECT k2s2_2 01 <input type="radio"/> YES 02 <input type="radio"/> NO</p>
<p>K2S2_3. What is the primary source of water for irrigation on %treeroster2% ?</p> <p>I Difference between BOREHOLE and WELL is whether the well is drilled (BOREHOLE) or dug (WELL) E k2s2_2==1</p>	<p>SINGLE-SELECT k2s2_3 001 <input type="radio"/> CANAL 002 <input type="radio"/> BOREHOLE 003 <input type="radio"/> WELL 004 <input type="radio"/> RIVER / STREAM 005 <input type="radio"/> POND / LAKE 999 <input type="radio"/> OTHER, SPECIFY</p>
<p>K2S2_3oth. Please specify the primary source of water for irrigation.</p> <p>E k2s2_3==999 V1 self.Length>2 M1 Description is too short! Please specify more.</p>	<p>TEXT k2s2_3oth </p>
<p>K2S2_4. What was the primary method for distributing water for irrigation on plot from October 2016 to November 2017?</p> <p>E k2s2_2==1</p>	<p>SINGLE-SELECT k2s2_4 001 <input type="radio"/> HAND / BUCKET 002 <input type="radio"/> HAND PUMP 003 <input type="radio"/> MOTORIZED / ELECTRICAL PUMP 004 <input type="radio"/> GRAVITY 999 <input type="radio"/> OTHER, SPECIFY</p>
<p>K2S2_4oth. Please specify the primary method for distributing water for irrigation.</p> <p>E k2s2_4==999 V1 self.Length>2 M1 Description is too short! Please specify more.</p>	<p>TEXT k2s2_4oth </p>
<p>K2S2_5. Which trees / permanent crops were harvested from %treeroster2% from October 2016 to November 2017?</p> <p>I MAXIMUM 5 ANSWERS</p>	<p>MULTI-SELECT k2s2_5 0401 <input type="checkbox"/> Grapes 0402 <input type="checkbox"/> Garnet 0403 <input type="checkbox"/> Figs 0404 <input type="checkbox"/> Orange 0405 <input type="checkbox"/> Quince 0406 <input type="checkbox"/> Almond 0407 <input type="checkbox"/> Cherries 0408 <input type="checkbox"/> Apricots 0409 <input type="checkbox"/> Lemon 0410 <input type="checkbox"/> Pears 0411 <input type="checkbox"/> Plum 0412 <input type="checkbox"/> Pistachio 0413 <input type="checkbox"/> Apples 0414 <input type="checkbox"/> Mallberry 0415 <input type="checkbox"/> Persimmon 0416 <input type="checkbox"/> Nuts</p> <p>And 5 other symbols [15]</p>

[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS / PARCEL / PLOT
Roster: CROP
generated by multi-select question [k2s2_5](#)

roster_perencrop2

<p>K2S2_5oth. Please specify</p> <p>E @rowcode==1000</p>	<p>TEXT k2s2_5oth </p>
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<p>K2S2_6. Is the %rosteritle% planted in a dedicated area, or spread throughout %treeroster2%?</p>	<p>SINGLE-SELECT k2s2_6 01 <input type="radio"/> Dedicated Area 02 <input type="radio"/> Spread Throughout</p>
<p>K2S2_7. Approximately how much of %treeroster2% was/is planted with %rosteritle% ?</p> <p>E k2s2_6==1</p>	<p>SINGLE-SELECT k2s2_7 01 <input type="radio"/> Less than 1/4 02 <input type="radio"/> 1/4 03 <input type="radio"/> 1/2 04 <input type="radio"/> 3/4 05 <input type="radio"/> More than 3/4</p>
<p>K2S2_8. How many %rosteritle% are placed on this plot %treeroster2%?</p> <p>V1 self>0 M1 Respondent said that this plot is planted with this crop. Quantity must be larger than zero.</p>	<p>NUMERIC: INTEGER k2s2_8 -----</p>
<p>K2S2_9. In what year were most of these %rosteritle% planted on plot %treeroster2%?</p> <p>I YEAR IF DONT KNOW ENTER 888 V1 self.InRange(1850,2017) self==888 M1 This year seems unlikely. Please check.</p>	<p>NUMERIC: INTEGER k2s2_9 -----</p>
<p>K2S2_10. How many %rosteritle% were planted on %treeroster2% from October 2016 to November 2017?</p> <p>I NUMBER OF PLANTED CROP V1 self<=k2s2_8 M1 This seems unlikely. Respondent stated that there are %k2s2_8% crops on this plot. Planted within last 12 months should be smaller or equal to this number. Please check.</p>	<p>NUMERIC: INTEGER k2s2_10 -----</p>
<p>K2S2_12a. How much %rosteritle% did you harvest from %treeroster2% from October 2016 to November 2017?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL k2s2_12a -----</p>
<p>K2S2_12b. UNIT OF HARVEST</p> <p>I UNIT</p>	<p>SINGLE-SELECT k2s2_12b 01 <input type="radio"/> KG 02 <input type="radio"/> TON 03 <input type="radio"/> GRAM 04 <input type="radio"/> BAGS</p>
<p>K2S2_12c. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k2s2_12b==4</p>	<p>NUMERIC: INTEGER k2s2_12c -----</p>
<p>VARIABLE k2s2_12b.InList(1,2,3) ? k2s2_12a*WeightConv[(int)k2s2_12b].factor : k2s2_12a*k2s2_12c</p>	<p>DOUBLE stand_harvests4</p>

[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS / PARCEL / PLOT
FERTILIZER

<p>K2S2_13. Did you use any organic fertilizer on %treeroster2% from October 2016 to November 2017?</p>	<p>SINGLE-SELECT k2s2_13 001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW</p>
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<p>K2S2_14. What type of organic fertilizer was used on %treeroster2% from October 2016 to November 2017?</p> <p>I MAXIMUM3 ANSWERS E k2s2_13==1</p>	<p>MULTI-SELECT k2s2_14</p> <p>0601 <input type="checkbox"/> ANIMAL MANURE (FERMENTED)</p> <p>0602 <input type="checkbox"/> FRESH/GREEN MANURE (NON FERMENTED MANURE)</p> <p>0603 <input type="checkbox"/> COMPOST</p> <p>1002 <input type="checkbox"/> OTHER (SPECIFY)</p>
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[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS / PARCEL / PLOT / FERTILIZER

Roster: ORGANIC FERTILIZER

generated by multi-select question [k2s2_14](#)

organfert_TP2

<p>K2S2_14oth. Please specify</p> <p>E @rowcode==1002</p>	<p>TEXT k2s2_14oth</p> <p>.....</p>
<p>K2S2_15. How many times did you apply %rosteritle% on %treeroster2% from October 2016 to November 2017?</p> <p>V1 self>0 M1 Respondent stated to have used %rosteritle% during %treeroster2%. Therefore must be larger than zero.</p>	<p>NUMERIC: INTEGER k2s2_15</p> <p>-----</p>
<p>K2S2_17. Did you use any inorganic fertilizer on %treeroster2% from October 2016 to November 2017?</p>	<p>SINGLE-SELECT k2s2_17</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>K2S2_18. What types of inorganic fertilizer did you apply on %treeroster2% from October 2016 to November 2017?</p> <p>I MAXIMUM3 ANSWERS E k2s2_17==1</p>	<p>MULTI-SELECT k2s2_18</p> <p>0701 <input type="checkbox"/> Ammonium nitrate</p> <p>0702 <input type="checkbox"/> Urea</p> <p>0703 <input type="checkbox"/> Superphosphate</p> <p>0704 <input type="checkbox"/> Ammophos</p> <p>0705 <input type="checkbox"/> Potassium chloride</p> <p>1003 <input type="checkbox"/> OTHER (SPECIFY)</p>

[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS / PARCEL / PLOT / FERTILIZER

Roster: INORGANIC FERTILIZER

generated by multi-select question [k2s2_18](#)

inorgfertilizer_tp2

<p>K2S2_18oth. Please specify</p> <p>E @rowcode==1003</p>	<p>TEXT k2s2_18oth</p> <p>.....</p>
<p>K2S2_19. How many times did you apply %rosteritle% on %treeroster2% from October 2016 to November 2017?</p>	<p>NUMERIC: INTEGER k2s2_19</p> <p>-----</p>
<p>K2S2_20a. How much in total of %rosteritle% was applied on %treeroster2% from October 2016 to November 2017?</p> <p>I QUANTITY V1 self>0 M1 Respondent stated to have used %rosteritle% during the last 12 months on plot %treeroster2%. Therefore quantity must be larger than zero.</p>	<p>NUMERIC: DECIMAL k2s2_20a</p> <p>-----</p>

K2S2_20b. UNIT	SINGLE-SELECT 01 <input type="radio"/> KG 02 <input type="radio"/> TON 03 <input type="radio"/> GRAM 04 <input type="radio"/> BAGS 05 <input type="radio"/> LITER 06 <input type="radio"/> MILLILITER 07 <input type="radio"/> TABLETS	k2s2_20b
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K2S2_20c. How many KGs does <u>ONE BAG</u> contain?	NUMERIC: INTEGER	k2s2_20c
E k2s2_20b==4	-----	

[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS / PARCEL / PLOT / FERTILIZER
WEED AND PEST CONTROL

K2S2_43. Did you use any pesticides / herbicides on this plot %treeroster2% from October 2016 to November 2017?	SINGLE-SELECT 001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW	k2s2_43
---	--	---------

K2S2_44. What type(s) of pesticide / herbicide did you apply on plot %treeroster2% from October 2016 to November 2017?	MULTI-SELECT 0801 <input type="checkbox"/> INSECTICIDE 0802 <input type="checkbox"/> HERBICIDE 0803 <input type="checkbox"/> FUNGICIDE 1004 <input type="checkbox"/> OTHER (SPECIFY)	k2s2_44
I MAXIMUM 3 ANSWERS E k2s2_43==1		

[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS / PARCEL / PLOT / FERTILIZER / WEED AND PEST CONTROL
Roster: PESTICIDE/HERBICIDE
generated by multi-select question [k2s2_44](#)

pesticide_tp2

K2S2_44oth. Please specify	TEXT	k2s2_44oth
E @rowcode==1004	-----	

K2S2_45. How many times did you apply %rostertitle% on plot %treeroster2% from October 2016 to November 2017?	NUMERIC: INTEGER	k2s2_45

K2S2_46a. How much in total of %rostertitle% was applied on %treeroster2% from October 2016 to November 2017?	NUMERIC: DECIMAL	k2s2_46a
I QUANTITY	-----	

K2S2_46b. UNIT	SINGLE-SELECT 01 <input type="radio"/> KG 02 <input type="radio"/> TON 03 <input type="radio"/> GRAM 04 <input type="radio"/> BAGS 05 <input type="radio"/> LITER 06 <input type="radio"/> MILLILITER 07 <input type="radio"/> CANISTER/BUCKET 08 <input type="radio"/> TABLETS	k2s2_46b
----------------	---	----------

K2S2_46bbag. How many KGs does <u>ONE BAG</u> contain?	NUMERIC: INTEGER	k2s2_46bbag
E k2s2_46b==4	-----	

<p>K2S2_46bcan. How many LITERS does ONE CANISTER/BUCKET contain?</p> <p>E k2s2_46b==7</p>	<p>NUMERIC: DECIMAL k2s2_46bcan</p> <p>-----</p>
--	---

[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS / PARCEL / PLOT
LABOR

STATIC TEXT

For the following stages of agricultural production from October 2016 to November 2017 on %treeroster2%:

[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS / PARCEL / PLOT / LABOR
LABOR - HARVEST

<p>K2S2_21. How many days of family labor were worked on HARVEST on %treeroster2% from October 2016 to November 2017?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k2s2_21</p> <p>-----</p>
<p>K2S2_23. How many days of hired labor were worked on HARVEST on %treeroster2% from October 2016 to November 2017?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k2s2_23</p> <p>-----</p>
<p>K2S2_24. What was the total cost, in cash and in kind, for the days of hired labor on HARVEST on %treeroster2% from October 2016 to November 2017??</p> <p>I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI.</p> <p>E k2s2_23>0</p>	<p>NUMERIC: INTEGER k2s2_24</p> <p>-----</p>

[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS / PARCEL / PLOT / LABOR
LABOR - ANY OTHER ACTIVITY

<p>K2S2_25. How many days of family labor were worked on any other activity on %treeroster2% from October 2016 to November 2017?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k2s2_25</p> <p>-----</p>
<p>K2S2_27. How many days of hired labor were worked on any other activity on %treeroster2% from October 2016 to November 2017?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k2s2_27</p> <p>-----</p>
<p>K2S2_28. What was the total cost, in cash and in kind, for the days of hired labor on any other activity on %treeroster2% from October 2016 to November 2017?</p> <p>I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI.</p> <p>E k2s2_27>0</p>	<p>NUMERIC: INTEGER k2s2_28</p> <p>-----</p>

[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS
POST-HARVEST AND SALES/DISPOSITION

Roster: CROP

generated by fixed list

cropposition_tp1

- 0401 Grapes
- 0402 Garnet
- 0403 Figs
- 0404 Orange
- 0405 Quince
- 0406 Almond
- 0407 Cherries
- 0408 Apricots
- 0409 Lemon
- 0410 Pears
- 0411 Plum
- 0412 Pistachio
- 0413 Apples
- 0414 Mallberry
- 0415 Persimmon
- 0416 Nuts
- 0417 Peaches
- 0501 Berries
- 0502 Dog rose
- 0503 Alfalfa
- 1000 OTHER (SPECIFY)

E parcelroster3.Any(p=>p.treeroster1.where(x=>x.j2s1_10==2 && x.j2s1_7==2).Any(c=>c.k2s1_5!=null && c.k2s1_5.Contains(@rowcode))) || parcelroster4.Any(p=>p.treeroster2.where(x=>x.j2s2_10==2 && IsAnsw [And 469 other symbols \[10\]](#))

<p>VARIABLE</p> <p>parcelroster3.Sum(x=>x.treeroster1.where(p=>p.k2s1_5!=null && p.k2s1_5.Contains(@rowcode)).Sum(y=>y.roster_peren crop1[@rowcode].stand_harvests3)) + parcelroster4.Sum(x=>x.treeroster2.where(p=>p.k2s2_5</p> <p>And 399 other symbols [1]</p>	<p>DOUBLE</p> <p style="text-align: right;">stand_harvestcrops3</p>
--	---

CROP USES - TP

<p>K2S1_29a. How much of %rosteritle% harvested from October 2016 to November 2017 was used for <u>OWN CONSUMPTION?</u></p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL</p> <p style="text-align: right;">k2s1_29a</p> <p>-----</p>
<p>K2S1_29b. UNIT</p> <p>E k2s1_29a>0</p> <p>V1 stand_harvestcrops3>=(k2s1_29b.InList(1,2,3) ? k2s1_29a* weightConv[(int)k2s1_29b].factor : 0)</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING THE LAST 12 MONTHS. PLEASE CHECK</p>	<p>SINGLE-SELECT</p> <p style="text-align: right;">k2s1_29b</p> <p>01 <input type="radio"/> KG</p> <p>02 <input type="radio"/> TON</p> <p>03 <input type="radio"/> GRAM</p> <p>04 <input type="radio"/> BAGS</p>

<p>K2S1_29bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k2s1_29b==4 VI stand_harvestcrops3>=k2s1_29a*k2s1_29bbag MI QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING THE LAST 12 MONTHS. PLEASE CHECK</p>	<p>NUMERIC: INTEGER k2s1_29bbag</p> <p>-----</p>
<p>VARIABLE k2s1_29b.InList(1,2,3) ? k2s1_29a*weightConv[(int)k2s1_29b].factor : k2s1_29a*k2s1_29bbag</p>	<p>DOUBLE standuse_homes3</p>
<p>K2S1_30a. How much of %rosteritle% harvested from October 2016 to November 2017 was <u>SOLD</u>?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL k2s1_30a</p> <p>-----</p>
<p>K2S1_30b. UNIT</p> <p>E k2s1_30a>0 VI stand_harvestcrops3>=(k2s1_30b.InList(1,2,3) ? k2s1_30a*weightConv[(int)k2s1_30b].factor : 0) MI QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING THE LAST 12 MONTHS. PLEASE CHECK</p>	<p>SINGLE-SELECT k2s1_30b</p> <p>01 <input type="radio"/> KG 02 <input type="radio"/> TON 03 <input type="radio"/> GRAM 04 <input type="radio"/> BAG</p>
<p>K2S1_30bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k2s1_30b==4 VI stand_harvestcrops3>=k2s1_30a*k2s1_30bbag MI QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING THE LAST 12 MONTHS. PLEASE CHECK</p>	<p>NUMERIC: INTEGER k2s1_30bbag</p> <p>-----</p>
<p>VARIABLE k2s1_30b.InList(1,2,3) ? k2s1_30a*weightConv[(int)k2s1_30b].factor : k2s1_30a*k2s1_30bbag</p>	<p>DOUBLE standuse_saless3</p>
<p>K2S1_31a. How much of %rosteritle% harvested from October 2016 to November 2017 was used for <u>ANIMAL FEED</u>?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL k2s1_31a</p> <p>-----</p>
<p>K2S1_31b. UNIT</p> <p>E k2s1_31a>0 VI stand_harvestcrops3>=(k2s1_31b.InList(1,2,3) ? k2s1_31a*weightConv[(int)k2s1_31b].factor : 0) MI QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING THE LAST 12 MONTHS. PLEASE CHECK</p>	<p>SINGLE-SELECT k2s1_31b</p> <p>01 <input type="radio"/> KG 02 <input type="radio"/> TON 03 <input type="radio"/> GRAM 04 <input type="radio"/> BAG</p>
<p>K2S1_31bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k2s1_31b==4 VI stand_harvestcrops3>=k2s1_31a*k2s1_31bbag MI QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING THE LAST 12 MONTHS. PLEASE CHECK</p>	<p>NUMERIC: INTEGER k2s1_31bbag</p> <p>-----</p>
<p>VARIABLE k2s1_31b.InList(1,2,3) ? k2s1_31a*weightConv[(int)k2s1_31b].factor : k2s1_31a*k2s1_31bbag</p>	<p>DOUBLE standuse_feeds3</p>
<p>K2S1_32a. How much of %rosteritle% harvested from October 2016 to November 2017 was dedicated to <u>OTHER USES</u>?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL k2s1_32a</p> <p>-----</p>

<p>K2S1_32b. UNIT</p> <p>E k2s1_32a>0</p> <p>V1 stand_harvestcrops3>=(k2s1_32b.InList(1,2,3) ? k2s1_32a*weightConv[(int)k2s1_32b].factor : 0)</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING THE LAST 12 MONTHS. PLEASE CHECK</p>	<p>SINGLE-SELECT k2s1_32b</p> <p>01 <input type="radio"/> KG</p> <p>02 <input type="radio"/> TON</p> <p>03 <input type="radio"/> GRAM</p> <p>04 <input type="radio"/> BAG</p>
<p>K2S1_32bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k2s1_32b==4</p> <p>V1 stand_harvestcrops3>=k2s1_32a*k2s1_32bbag</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING THE LAST 12 MONTHS. PLEASE CHECK</p>	<p>NUMERIC: INTEGER k2s1_32bbag</p> <p>-----</p>
<p>VARIABLE</p> <p>k2s1_32b.InList(1,2,3) ? k2s1_32a*weightConv[(int)k2s1_32b].factor : k2s1_32a*k2s1_32bbag</p>	<p>DOUBLE standuse_oths3</p>
<p>VARIABLE</p> <p>new[]{cropdisposition_tp1[@rowcode].standuse_feeds3, cropdisposition_tp1[@rowcode].standuse_homes3, cropdisposition_tp1[@rowcode].standuse_oths3, cropdisposition_tp1[@rowcode].standuse_saless3}.Sum()</p>	<p>DOUBLE sum_uses3</p>

STATIC TEXT

THE TOTAL SUM OF USES OF %rosteritle% HARVESTED FROM OCTOBER 2016 TO NOVEMBER 2017: %sum_uses3% KG.

STATIC TEXT

E sum_uses3>stand_harvestcrops3

PLEASE CHECK HARVESTED AMOUNT AND THIS SECTION. THE TOTAL SUM OF USES IS LARGER THAN THE TOTAL AMOUNT OF %rosteritle% HARVESTED FROM OCTOBER 2016 TO NOVEMBER 2017

TOTAL SUM HARVESTED: %stand_harvestcrops3% KG.

TOTAL SUM OF USES: %sum_uses3% KG

[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS / POST-HARVEST AND SALES/DISPOSITION / CROP POST HARVEST & PROCESSING - TP

<p>K2S1_33. How much of the %rosteritle% harvested from October 2016 to November 2017 was lost to rotting, insects, rodents, theft, etc in the post-harvest period?</p>	<p>SINGLE-SELECT k2s1_33</p> <p>01 <input type="radio"/> 0%</p> <p>02 <input type="radio"/> 25%</p> <p>03 <input type="radio"/> 50%</p> <p>04 <input type="radio"/> 75%</p> <p>05 <input type="radio"/> 100%</p>
<p>K2S1_34. What was the reason for loss in the post-harvest period?</p> <p>I MAXIMUM 2 ANSWERS</p> <p>E k2s1_33!=1</p>	<p>MULTI-SELECT k2s1_34</p> <p>001 <input type="checkbox"/> ROTTING</p> <p>002 <input type="checkbox"/> INSECTS</p> <p>003 <input type="checkbox"/> ANIMAL DAMAGE</p> <p>004 <input type="checkbox"/> FLOOD / WATERLOGGING</p> <p>005 <input type="checkbox"/> THEFT</p> <p>999 <input type="checkbox"/> OTHER (SPECIFY)</p>
<p>K2S1_35. Did you store any %rosteritle% from October 2016 to November 2017?</p>	<p>SINGLE-SELECT k2s1_35</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>

[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS / POST-HARVEST AND SALES/DISPOSITION / CROP SALES %ROSTERTITLE%

STATIC TEXT

According to your answer given before, you stated to have sold %k2s1_30a% %k2s1_30b% of %rosteritle% from October 2016 to November 2017.

<p>K2S1_36. What was the total value of all sales of %rosteritle% harvested from October 2016 to November 2017?</p> <p>I VALUE IN SOMONI</p>	<p>NUMERIC: INTEGER k2s1_36</p> <p>-----</p>
<p>K2S1_37. Who in your household kept / decided what to do with these earnings?</p> <p>I MAXIMUM2 ANSWERS</p>	<p>MULTI-SELECT: LINKED k2s1_37</p>
<p>K2S1_38. On average, how many transactions took place while selling %rosteritle% ?</p> <p>V1 self>0</p> <p>M1 Zero transactions seems unlikely. Please check.</p>	<p>NUMERIC: INTEGER k2s1_38</p> <p>-----</p>
<p>K2S1_39a. How far did the majority of transactions of %rosteritle% harvested from October 2016 to November 2017 take place?</p> <p>I KM</p>	<p>NUMERIC: INTEGER k2s1_39a</p> <p>-----</p>
<p>K2S1_39b. PLEASE SELECT THE MEAN OF TRANSPORT</p>	<p>SINGLE-SELECT k2s1_39b</p> <p>001 <input type="radio"/> CAR</p> <p>002 <input type="radio"/> BICYCLE</p> <p>003 <input type="radio"/> MOTORCYCLE</p> <p>004 <input type="radio"/> WALK</p> <p>005 <input type="radio"/> BUS</p> <p>006 <input type="radio"/> DONKEY</p> <p>007 <input type="radio"/> HORSE</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
<p>K2S1_39both. Please specify.</p> <p>E k2s1_39b==999</p>	<p>TEXT k2s1_39both</p> <p>-----</p>
<p>K2S1_40. Who/What was the largest buyer/outlet for your %rosteritle% sales?</p>	<p>SINGLE-SELECT k2s1_40</p> <p>001 <input type="radio"/> Private trader within the village</p> <p>002 <input type="radio"/> Private trader within the district</p> <p>003 <input type="radio"/> Private trader in Tajikistan</p> <p>004 <input type="radio"/> Consumer buying at your farm gate</p> <p>005 <input type="radio"/> Consumer at main market within village</p> <p>006 <input type="radio"/> Consumer at main market within the district</p> <p>007 <input type="radio"/> Consumer at Mobile market</p> <p>008 <input type="radio"/> Agricultural cooperative within the village</p> <p>009 <input type="radio"/> Agricultural cooperative within the district</p> <p>010 <input type="radio"/> International trader</p> <p>011 <input type="radio"/> Neighbour/ Relative</p> <p>999 <input type="radio"/> OTHER, specify</p>
<p>K2S1_40oth. Please specify.</p> <p>E k2s1_40==999</p>	<p>TEXT k2s1_40oth</p> <p>-----</p>

K2S1_41. What was the total value of all sales of %rosteritle% to the largest buyer %k2s1_40% from October 2016 to November 2017?

NUMERIC: INTEGER

k2s1_41

- I IN SOMONI
- VI se1f<=k2s1_36
- MI Value of sales to largest buyer of unprocessed %rosteritle% can not be larger than the value of total sales during the last 12 months. Please check.

K2S1_42. Was the sale of %rosteritle% to LARGEST BUYER part of an outgrower scheme or contract farming from October 2016 to November 2017?

SINGLE-SELECT

k2s1_42

- 001 YES
- 002 NO
- 888 DON'T KNOW

[K4.] HOME GARDEN

E consent==1 && j0_00==1 && (parcelroster.Any(p=>p.plotroster_s1.Any(x=>x.j2s1_10==1)) || parcelroster.Any(p=>p.plotroster_s2.Any(x=>x.j2s2_10==1)))

[K4.] HOME GARDEN
Roster: PARCEL

generated by list question j1_1

parcelroster7

E plotroster_s1.Any(x=>x.j2s1_10==1)

[K4.] HOME GARDEN / PARCEL
Roster: PLOT

generated by list question j1_11

plotroster5_s1

E plotroster_s1[@rowcode].j2s1_10==1

K4S1_1. Which crops/trees are planted on %plotroster5_s1%?

MULTI-SELECT

k4s1_1

I MAXIMUM 10 ANSWERS

- 0301 Cucumbers
- 0302 Eggplant
- 0303 Wheat
- 0304 Coliflower
- 0305 Other legumes
- 0306 Linen
- 0307 Spices
- 0308 Zucchini
- 0309 Pumpkin
- 0310 Paprika
- 0311 Cabbage
- 0312 Potatoes
- 0313 Sesame
- 0314 Pepper
- 0315 Beetroot
- 0316 Beans

[And 41 other symbols \[16\]](#)

K4S1_10th. Please specify

TEXT

k4s1_10th

E k4s1_1.Contains(1001) || k4s1_1.ContainsOnly(1001)

[K4.] HOME GARDEN / PARCEL / PLOT
Roster: CROP

generated by multi-select question k4s1_1

plotcrop3_s1

<p>K4S1_2a. How much %rostertitle% did you harvest from %plotroster5_s1% during %season1%?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL k4s1_2a</p> <p>-----</p>
<p>K4S1_2b. UNIT OF HARVEST</p> <p>I UNIT</p>	<p>SINGLE-SELECT k4s1_2b</p> <p>01 <input type="radio"/> KG</p> <p>02 <input type="radio"/> TON</p> <p>03 <input type="radio"/> GRAM</p> <p>04 <input type="radio"/> BAGS</p>
<p>K4S1_2bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k4s1_2b==4</p>	<p>NUMERIC: INTEGER k4s1_2bbag</p> <p>-----</p>
<p>K4S1_3. From October 2016 to November 2017, was plot %plotroster5_s1% irrigated?</p>	<p>SINGLE-SELECT k4s1_3</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>K4S1_4. Did you use any organic fertilizer on %plotroster5_s1% from October 2016 to November 2017?</p>	<p>SINGLE-SELECT k4s1_4</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>K4S1_5. What type of organic fertilizer was used on %plotroster5_s1% from October 2016 to November 2017?</p> <p>I MAXIMUM3 ANSWERS</p> <p>E k4s1_4==1</p>	<p>MULTI-SELECT k4s1_5</p> <p>0601 <input type="checkbox"/> ANIMAL MANURE (FERMENTED)</p> <p>0602 <input type="checkbox"/> FRESH/GREEN MANURE (NON FERMENTED MANURE)</p> <p>0603 <input type="checkbox"/> COMPOST</p> <p>1002 <input type="checkbox"/> OTHER (SPECIFY)</p>
<p>K4S1_5oth. Please specify</p> <p>E k4s1_5.Contains(1002) k4s1_5.containsOnly(1002)</p>	<p>TEXT k4s1_5oth</p> <p>-----</p>
<p>K4S1_6. Did you use any inorganic fertilizer on %plotroster5_s1% from October 2016 to November 2017?</p>	<p>SINGLE-SELECT k4s1_6</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>K4S1_7. What types of inorganic fertilizer did you apply on %plotroster5_s1% from October 2016 to November 2017?</p> <p>I MAXIMUM3 ANSWERS</p> <p>E k4s1_6==1</p>	<p>MULTI-SELECT k4s1_7</p> <p>0701 <input type="checkbox"/> Ammonium nitrate</p> <p>0702 <input type="checkbox"/> Urea</p> <p>0703 <input type="checkbox"/> Superphosphate</p> <p>0704 <input type="checkbox"/> Ammophos</p> <p>0705 <input type="checkbox"/> Potassium chloride</p> <p>1003 <input type="checkbox"/> OTHER (SPECIFY)</p>
<p>K4S1_7oth. Please specify</p> <p>E k4s1_7.Contains(1003) k4s1_7.containsOnly(1003)</p>	<p>TEXT k4s1_7oth</p> <p>-----</p>
<p>K4S1_8. How many days of family labor were worked on land preparation / planting on %plotroster5_s1% from October 2016 to November 2017?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k4s1_8</p> <p>-----</p>

<p>K4S1_9. How many days of family labor were worked on HARVEST on %plotroster5_s1% from October 2016 to November 2017?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k4s1_9</p> <p>-----</p>
<p>K4S1_10. How many days of family labor were worked on any other activity on %plotroster5_s1% from October 2016 to November 2017?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k4s1_10</p> <p>-----</p>

[K4.] HOME GARDEN
Roster: PARCEL
generated by list question [j1_1](#) parcelroster8
E plotroster_s2.Any(x=>x.j2s2_10==1)

[K4.] HOME GARDEN / PARCEL
Roster: PLOT
generated by list question [j1_13](#) plotroster5_s2
E plotroster_s2[@rowcode].j2s2_10==1

<p>K4S2_1. Which crops/trees are planted on %plotroster5_s2%?</p> <p>I MAXIMUM 10 ANSWERS</p>	<p>MULTI-SELECT k4s2_1</p> <p>0301 <input type="checkbox"/> Cucumbers 0302 <input type="checkbox"/> Eggplant 0303 <input type="checkbox"/> Wheat 0304 <input type="checkbox"/> Coliflower 0305 <input type="checkbox"/> Other legumes 0306 <input type="checkbox"/> Linen 0307 <input type="checkbox"/> Spices 0308 <input type="checkbox"/> Zucchini 0309 <input type="checkbox"/> Pumpkin 0310 <input type="checkbox"/> Paprika 0311 <input type="checkbox"/> Cabbage 0312 <input type="checkbox"/> Potatoes 0313 <input type="checkbox"/> Sesame 0314 <input type="checkbox"/> Pepper 0315 <input type="checkbox"/> Beetroot 0316 <input type="checkbox"/> Beans</p> <p>And 41 other symbols [17]</p>
---	--

<p>K4S2_10th. Please specify</p> <p>E k4s2_1.Contains(1001) k4s2_1.ContainsOnly(1001)</p>	<p>TEXT k4s2_10th</p> <p>-----</p>
--	---

[K4.] HOME GARDEN / PARCEL / PLOT
Roster: CROP
generated by multi-select question [k4s2_1](#) plotcrop3_s2

<p>K4S2_2a. How much %rostertitle% did you harvest from %plotroster5_s2% from October 2016 to November 2017?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL k4s2_2a</p> <p>-----</p>
--	---

<p>K4S2_2b. UNIT OF HARVEST</p> <p>I UNIT E k4s2_2a>0</p>	<p>SINGLE-SELECT k4s2_2b</p> <p>01 <input type="radio"/> KG 02 <input type="radio"/> TON 03 <input type="radio"/> GRAM 04 <input type="radio"/> BAGS</p>
<p>K4S2_2bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k4s2_2b==4</p>	<p>NUMERIC: INTEGER k4s2_2bbag</p> <p>-----</p>
<p>K4S2_3. From October 2016 to November 2017, was plot %plotroster5_s2% irrigated?</p>	<p>SINGLE-SELECT k4s2_3</p> <p>001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW</p>
<p>K4S2_4. Did you use any organic fertilizer on %plotroster5_s2% from October 2016 to November 2017?</p>	<p>SINGLE-SELECT k4s2_4</p> <p>001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW</p>
<p>K4S2_5. What type of organic fertilizer was used on %plotroster5_s2% from October 2016 to November 2017?</p> <p>I MAXIMUM3 ANSWERS E k4s2_4==1</p>	<p>MULTI-SELECT k4s2_5</p> <p>0601 <input type="checkbox"/> ANIMAL MANURE (FERMENTED) 0602 <input type="checkbox"/> FRESH/GREEN MANURE (NON FERMENTED MANURE) 0603 <input type="checkbox"/> COMPOST 1002 <input type="checkbox"/> OTHER (SPECIFY)</p>
<p>K4S2_5oth. Please specify</p> <p>E k4s2_5.Contains(1002) k4s2_5.ContainsOnly(1002)</p>	<p>TEXT k4s2_5oth</p> <p>-----</p>
<p>K4S2_6. Did you use any inorganic fertilizer on %plotroster5_s2% from October 2016 to November 2017?</p>	<p>SINGLE-SELECT k4s2_6</p> <p>001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW</p>
<p>K4S2_7. What types of inorganic fertilizer did you apply on %plotroster5_s2% from October 2016 to November 2017?</p> <p>I MAXIMUM3 ANSWERS E k4s2_6==1</p>	<p>MULTI-SELECT k4s2_7</p> <p>0701 <input type="checkbox"/> Ammonium nitrate 0702 <input type="checkbox"/> Urea 0703 <input type="checkbox"/> Superphosphate 0704 <input type="checkbox"/> Ammophos 0705 <input type="checkbox"/> Potassium chloride 1003 <input type="checkbox"/> OTHER (SPECIFY)</p>
<p>K4S2_7oth. Please specify</p> <p>E k4s2_7.Contains(1003) k4s2_7.ContainsOnly(1003)</p>	<p>TEXT k4s2_7oth</p> <p>-----</p>
<p>K4S2_8. How many days of family labor were worked on land preparation / planting on %plotroster5_s2% from October 2016 to November 2017?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k4s2_8</p> <p>-----</p>
<p>K4S2_9. How many days of family labor were worked on HARVEST on %plotroster5_s2% from October 2016 to November 2017?</p> <p>I PERSON-DAYS</p>	<p>NUMERIC: DECIMAL k4s2_9</p> <p>-----</p>

K4S2_10. How many days of family labor were worked on any other activity on %plotroster5_s2% from October 2016 to November 2017?

NUMERIC: DECIMAL

k4s2_10

I PERSON-DAYS

[L1.] INPUTS

E consent==1

[L1.]INPUTS

Roster: INPUTS

generated by fixed list

input

- 0301 Cucumbers (seeds/seedlings)
- 0302 Eggplant (seeds/seedlings)
- 0303 Wheat (seeds/seedlings)
- 0304 Coliflower (seeds/seedlings)
- 0305 Other legumes (seeds/seedlings)
- 0306 Linen (seeds/seedlings)
- 0307 Spices (seeds/seedlings)
- 0308 Zucchini (seeds/seedlings)
- 0309 Pumpkin (seeds/seedlings)
- 0310 Paprika (seeds/seedlings)
- 0311 Cabbage (seeds/seedlings)
- 0312 Potatoes (seeds/seedlings)
- 0313 Sesame (seeds/seedlings)
- 0314 Pepper (seeds/seedlings)
- 0315 Beetroot (seeds/seedlings)
- 0316 Beans (seeds/seedlings)
- 0317 Flax (seeds/seedlings)
- 0318 Mung bean (seeds/seedlings)
- 0319 Other types of vegetables (seeds/seedlings)
- 0320 Lentils (seeds/seedlings)
- 0321 Peas (seeds/seedlings)
- 0322 Sunflower (seeds/seedlings)
- 0323 Cotton (seeds/seedlings)
- 0324 Onions (seeds/seedlings)
- 0325 Tomatoes (seeds/seedlings)
- 0326 Carrot (seeds/seedlings)
- 0327 Garlic (seeds/seedlings)
- 0328 Soybean (seeds/seedlings)
- 0329 Tobacco (seeds/seedlings)
- 0330 Melons (seeds/seedlings)
- 0331 Watermelon (seeds/seedlings)
- 0332 Peanut (seeds/seedlings)
- 0333 Spring rye (seeds/seedlings)
- 0334 Winter rye (seeds/seedlings)
- 0335 Spring burley (seeds/seedlings)

- 0336 Winter barley (seeds/seedlings)
- 0337 Oats (seeds/seedlings)
- 0338 Corn (seeds/seedlings)
- 0339 Rice (seeds/seedlings)
- 0401 Grapes (seeds/seedlings)
- 0402 Garnet (seeds/seedlings)
- 0403 Figs (seeds/seedlings)
- 0404 Orange (seeds/seedlings)
- 0405 Quince (seeds/seedlings)
- 0406 Almond (seeds/seedlings)
- 0407 Cherries (seeds/seedlings)
- 0408 Apricots (seeds/seedlings)
- 0409 Lemon (seeds/seedlings)
- 0410 Pears (seeds/seedlings)
- 0411 Plum (seeds/seedlings)
- 0412 Pistachio (seeds/seedlings)
- 0413 Apples (seeds/seedlings)
- 0414 Mallberry (seeds/seedlings)
- 0415 Persimmon (seeds/seedlings)
- 0416 Nuts (seeds/seedlings)
- 0417 Peaches (seeds/seedlings)
- 0501 Berries (seeds/seedlings)
- 0502 Dog rose (seeds/seedlings)
- 0503 Alfalfa (seeds/seedlings)
- 0601 ANIMAL MANURE (FERMENTED)
- 0602 FRESH/GREEN MANURE (NON FERMENTED MANURE)
- 0603 COMPOST
- 0701 Ammonium nitrate
- 0702 Urea
- 0703 Superphosphate
- 0704 Ammophos
- 0705 Potassium chloride
- 0801 INSECTICIDE
- 0802 HERBICIDE
- 0803 FUNGICIDE
- 0999 OTHER ANNUAL CROPS (seeds/seedlings)
- 1000 OTHER PERMANENT CROPS/TREES (seeds/seedlings)
- 1001 OTHER ANNUAL OR PERMANENT CROPS (seeds/seedlings)- HOME GARDEN
- 1002 OTHER ORGANIC FERTILIZERS
- 1003 OTHER INORGANIC FERTILIZERS
- 1004 OTHER PESTICIDE/HERBICIDE/ FUNGICIDE

E (parcelroster1.Any(p=>p.plotroster2_s1.where(x=>x.j2s1_7==1 && x.j2s1_9==2 && x.j2s1_10==2 && IsAnswered(x.k1s1_6)).Any(c=>c.k1s1_6.Contains(@rowcode)))) || (parcelroster1.Any(p=>p.plotroster2_s1.w [And 6776 other symbols \[11\]](#))

L1_1. Did your household purchase any %input% from October 2016 to November 2017?

SINGLE-SELECT

11_1

01 YES

02 NO

<p>L1_2. How many times did you purchase %input% from October 2016 to November 2017?</p> <p>E 11_1==1</p>	<p>NUMERIC: INTEGER 11_2</p> <p>-----</p>
<p>L1_3a. How much of the %input% was purchased in the largest transaction from October 2016 to November 2017?</p> <p>I QUANTITY</p> <p>E 11_1==1</p>	<p>NUMERIC: INTEGER 11_3a</p> <p>-----</p>
<p>L1_3b. UNIT</p> <p>E 11_3a>0</p>	<p>SINGLE-SELECT 11_3b</p> <p>01 <input type="radio"/> KG</p> <p>02 <input type="radio"/> TON</p> <p>03 <input type="radio"/> GRAM</p> <p>04 <input type="radio"/> LITER</p> <p>05 <input type="radio"/> BAG</p> <p>06 <input type="radio"/> SEEDLING</p>
<p>L1_3c. How many KGs does <u>ONE BAG</u> contain?</p> <p>E 11_3b==5</p>	<p>NUMERIC: INTEGER 11_3c</p> <p>-----</p>
<p>L1_4. What type of seller made the sale in the largest transaction of %input%?</p> <p>E 11_1==1</p>	<p>SINGLE-SELECT 11_4</p> <p>001 <input type="radio"/> Other Farmer</p> <p>002 <input type="radio"/> Agricultural Input Dealer</p> <p>003 <input type="radio"/> Agricultural Association</p> <p>004 <input type="radio"/> Government Agency</p> <p>005 <input type="radio"/> Local trader</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
<p>L1_4oth. Please specify</p> <p>E 11_4==999</p>	<p>TEXT 11_4oth</p> <p>-----</p>
<p>L1_5. Where did the largest transaction of %input% take place?</p> <p>E 11_1==1</p>	<p>SINGLE-SELECT 11_5</p> <p>001 <input type="radio"/> Farm gate (home)</p> <p>002 <input type="radio"/> Village Market (within own village)</p> <p>003 <input type="radio"/> Village Market (outside own village)</p> <p>004 <input type="radio"/> Town Market</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
<p>L1_5oth. Please specify</p> <p>E 11_5==999</p>	<p>TEXT 11_5oth</p> <p>-----</p>
<p>L1_6a. When was the largest transaction of the period from October 2016 to November 2017 for %input% completed?</p> <p>I PLEASE SELECT THE MONTH</p> <p>E 11_1==1</p>	<p>SINGLE-SELECT 11_6</p> <p>01 <input type="radio"/> January</p> <p>02 <input type="radio"/> February</p> <p>03 <input type="radio"/> March</p> <p>04 <input type="radio"/> April</p> <p>05 <input type="radio"/> May</p> <p>06 <input type="radio"/> June</p> <p>07 <input type="radio"/> July</p> <p>08 <input type="radio"/> August</p> <p>09 <input type="radio"/> September</p> <p>10 <input type="radio"/> October</p> <p>11 <input type="radio"/> November</p> <p>12 <input type="radio"/> December</p>

<p>L1_7. What was the total value of the largest purchase of %input%?</p> <p>I IN SOMONI. IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND TRANS ACTION, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI.</p> <p>E 11_1==1</p>	<p>NUMERIC: INTEGER 11_7</p> <p>-----</p>
<p>L1_8. How far did you have to transport %input% from %l1_5% to your location?</p> <p>I KM</p> <p>E 11_1==1</p>	<p>NUMERIC: INTEGER 11_8</p> <p>-----</p>
<p>L1_9. Under normal circumstances, what is the primary mean of transport that you use form %l1_5% to your location?</p> <p>E 11_1==1</p>	<p>SINGLE-SELECT 11_9</p> <p>001 <input type="radio"/> CAR</p> <p>002 <input type="radio"/> BICYCLE</p> <p>003 <input type="radio"/> MOTORCYCLE</p> <p>004 <input type="radio"/> WALK</p> <p>005 <input type="radio"/> BUS</p> <p>006 <input type="radio"/> DONKEY</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
<p>L1_9oth. Please specify</p> <p>E 11_9==999</p>	<p>TEXT 11_9oth</p> <p>.....</p>

[L2.] FARM IMPLEMENTS, MACHINERY AND STRUCTURES

E consent==1

[L2.] FARM IMPLEMENTS, MACHINERY AND STRUCTURES PRODUCTIVE MACHINERY//IMPLEMENTS/STRUCTURES AND BUILDINGS

<p>L2_1. Does your household currently own the following items:</p> <p>V1 self.Missing.Length==0</p> <p>M1 Respondent has not yet answered all questions on the ownership of ho usehold assets. Please ask all questions.</p>	<p>MULTI-SELECT: YES/NO 12_1</p> <p>801 <input type="checkbox"/> / <input type="checkbox"/> Hand hoe</p> <p>802 <input type="checkbox"/> / <input type="checkbox"/> Slasher</p> <p>803 <input type="checkbox"/> / <input type="checkbox"/> Axe</p> <p>804 <input type="checkbox"/> / <input type="checkbox"/> Sprayer</p> <p>805 <input type="checkbox"/> / <input type="checkbox"/> Sickle</p> <p>806 <input type="checkbox"/> / <input type="checkbox"/> Treadle pump</p> <p>807 <input type="checkbox"/> / <input type="checkbox"/> Watering can</p> <p>808 <input type="checkbox"/> / <input type="checkbox"/> Ox cart</p> <p>809 <input type="checkbox"/> / <input type="checkbox"/> Ox Plough</p> <p>810 <input type="checkbox"/> / <input type="checkbox"/> Ridger</p> <p>811 <input type="checkbox"/> / <input type="checkbox"/> Cultivator</p> <p>812 <input type="checkbox"/> / <input type="checkbox"/> Motorised pump</p> <p>813 <input type="checkbox"/> / <input type="checkbox"/> Grain mill</p> <p>814 <input type="checkbox"/> / <input type="checkbox"/> Tractor/tiller</p> <p>815 <input type="checkbox"/> / <input type="checkbox"/> Livestock stall</p> <p>816 <input type="checkbox"/> / <input type="checkbox"/> Poultry cage</p> <p>And 3 other symbols [18]</p>
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[L2.] FARM IMPLEMENTS, MACHINERY AND STRUCTURES / PRODUCTIVE MACHINERY//IMPLEMENTS/STRUCTURES AND BUILDINGS

Roster: MACHINERY//IMPLEMENTS

generated by multi-select question 12_1

roster_machinery

L2_2. How many %rosteritle% does your household currently own?

NUMERIC: INTEGER

12_2

I ITEMS MUST BE FUNCTIONAL

V1 self>0

M1 Respondent stated to own %rosteritle%. Quantity must be larger than zero!

[M.] WAGE/SALARY INCOME

E consent==1

M01. Did anyone in your household (including the household-head) earn wages from labor activities either cash or in-kind during 2017, including those that left the house temporarily?

SINGLE-SELECT

m01

01 YES

02 NO

M02. Who earned wages from labor activities during 2017?

MULTI-SELECT: LINKED

m02

I ONLY MEMBERS AGED 12 OR OLDER ARE LISTED. MULTIPLE ANSWERS

F b04a>=12

E m01==1

[M] WAGE/SALARY INCOME

Roster: WAGE/SALARY INCOME

generated by list question [b01](#)

wage_roster

E m02!=null && m02.Any(p=>p.SequenceEqual(new[]{@rowcode}))

M03. Within what sectors did %rosteritle% earn his/her income?

SINGLE-SELECT

m03

I IF MORE THAN ONE JOB FOR EACH PERSON, ENTER THE MAIN JOB.

001 AGRICULTURE

002 AGRICULTURAL OR LIVESTOCK PROCESSING

003 INDUSTRY

004 CONSTRUCTION

005 COMMERCIAL (RETAIL / WHOLESALE)

006 SERVICES

007 HEALTH CARE

008 EDUCATION

009 PUBLIC ADMINISTRATION AND LAW ENFORCEMENT

999 OTHER (SPECIFY)

M03_oth. Please specify the sector in which %rosteritle% earned his/her income.

TEXT

m03_oth

E m03==999

M04. What form of employment did the main labor take?

SINGLE-SELECT

m04

001 DAY LABORER

002 SEASONAL

003 CASUAL PART-TIME

004 PERMANENT PART-TIME

005 PERMANENT FULL-TIME

999 OTHER, SPECIFY

M04_oth. Please specify the form of the main labor.

TEXT

m04_oth

E m04==999

M05a. Approximately how much time did %rosteritle% work in this main activity during 2017?	NUMERIC: INTEGER	m05a
I AMOUNT	-----	
M05b. UNIT	SINGLE-SELECT	m05b
E m05a!=null	01 <input type="radio"/> HOUR 02 <input type="radio"/> DAY 03 <input type="radio"/> WEEK 04 <input type="radio"/> MONTH 05 <input type="radio"/> YEAR	
M06. Was %rosteritle% paid in-kind or in cash for this work?	SINGLE-SELECT	m06
	01 <input type="radio"/> CASH 02 <input type="radio"/> IN-KIND 03 <input type="radio"/> BOTH CASH AND IN-KIND	
M07. How much did %rosteritle% earn from this off-farm income in total during 2017?	NUMERIC: INTEGER	m07
I IN SOMONI. IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI.	-----	

[N.] SELF-EMPLOYMENT

E consent==1

N00. Did any of the household members operate at least one enterprise during 2017?	SINGLE-SELECT	n00
	01 <input type="radio"/> YES 02 <input type="radio"/> NO	
N01. Please list all enterprises that the household or household members operated during 2017.	LIST	n01
E n00==1	

[N.] SELF-EMPLOYMENT
Roster: ENTERPRISE
generated by list question [n01](#)

enterprise

<p>N02. What type of business is %rosteritle%?</p> <p>I WHERE MULTIPLE TYPES OF GOOD OR SERVICE ARE PROVIDED, SELECT THE MAIN ONE.</p>	<p>SINGLE-SELECT n02</p> <p>001 <input type="radio"/> PROCESSING AGRICULTURAL / LIVESTOCK PRODUCTS</p> <p>002 <input type="radio"/> FISHING / PROCESSING FISHERY PRODUCTS</p> <p>003 <input type="radio"/> MANUFACTURING</p> <p>004 <input type="radio"/> REPAIR / SERVICE PROVIDER</p> <p>005 <input type="radio"/> CONSTRUCTION</p> <p>006 <input type="radio"/> RETAIL</p> <p>007 <input type="radio"/> WHOLESALE</p> <p>008 <input type="radio"/> TRADE OF AGRICULTURAL PRODUCTS</p> <p>009 <input type="radio"/> TRADE OF NON-AGRICULTURAL PRODUCTS</p> <p>010 <input type="radio"/> RESTAURANT / BAR / HOSPITALITY</p> <p>011 <input type="radio"/> TRANSPORTATION</p> <p>012 <input type="radio"/> EDUCATION</p> <p>013 <input type="radio"/> HEALTH CARE</p> <p>014 <input type="radio"/> PROFESSIONAL / ADMINISTRATIVE</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
<p>N02_oth. Please specify the type of business of %rosteritle%</p> <p>E n02==999</p>	<p>TEXT n02oth</p> <p>-----</p>
<p>N03. Who in the household manages %rosteritle%, or is most familiar with it?</p> <p>I MAXIMUM 2 ANSWERS</p>	<p>MULTI-SELECT: LINKED n03</p>
<p>STATIC TEXT</p>	
<p><i>N04. How many individuals outside of the household are stakeholders of %rosteritle%?</i></p>	
<p>N04a. Number of MALES</p> <p>I IF NONE RECORD "0"</p>	<p>NUMERIC: INTEGER n04a</p> <p>-----</p>
<p>N04b. Number of FEMALES</p> <p>I IF NONE RECORD "0"</p>	<p>NUMERIC: INTEGER n04b</p> <p>-----</p>
<p>N05. What share of the profits from %rosteritle% are kept by your household rather than other managers?</p> <p>E n04a>0 n04b>0</p>	<p>SINGLE-SELECT n05</p> <p>001 <input type="radio"/> ALMOST NONE</p> <p>002 <input type="radio"/> ABOUT 25%</p> <p>003 <input type="radio"/> ABOUT HALF</p> <p>004 <input type="radio"/> ABOUT 75%</p> <p>005 <input type="radio"/> ALMOST ALL</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>
<p>N06. When was %rosteritle% first started?</p> <p>I YEAR</p> <p>V1 se1f.InRange(1950,2017)</p> <p>M1 Year seems unlikely, please check and confirm.</p>	<p>NUMERIC: INTEGER n06</p> <p>-----</p>
<p>N07a. Did any household member work in %rosteritle% during 2017?</p>	<p>SINGLE-SELECT n07a</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>

<p>N07b. Which household members worked in %rosteritle% during 2017?</p> <p>I MAXIMUM 3 ANSWERS E n07a==1</p>	<p>MULTI-SELECT: LINKED</p> <p>n07b</p>
---	---

[N.] SELF-EMPLOYMENT / ENTERPRISE
Roster: HH LABOR IN ENTERPRISE
generated by list question [b01](#) hhenterprise
E n07b.Any(p=>p.SequenceEqual(new[]{@rowcode}))

<p>N08. During the last month of operation, how many <u>weeks</u> did %hhenterprise% work in %enterprise%?</p> <p>I NUMBER OF WEEKS PER MONTH. V1 self.InRange(0,4) M1 Number of weeks seems unlikely, please check and confirm.</p>	<p>NUMERIC: INTEGER</p> <p>n08</p> <p>-----</p>
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<p>N09. During those weeks, approximately how many days per week did %hhenterprise% work in %enterprise%?</p> <p>I NUMBER OF DAYS PER WEEK V1 self.InRange(0,7) M1 Number of days per week seems unlikely, please check and confirm.</p>	<p>NUMERIC: INTEGER</p> <p>n09</p> <p>-----</p>
--	---

<p>N10. During 2017, how many months did %hhenterprise% work in %enterprise%?</p> <p>I NUMBER OF MONTHS. V1 self.InRange(0,12) M1 Number of months in the last 12 months seems unlikely, please check and confirm.</p>	<p>NUMERIC: INTEGER</p> <p>n10</p> <p>-----</p>
--	---

<p>VARIABLE hhenterprise.Min(p=>p.n10)</p>	<p>LONG</p> <p>nbmonth_worked</p>
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STATIC TEXT

N11. How many individuals outside of the household worked in %enterprise% in the last month of operation?

<p>N11a. Please record the number of MALES</p>	<p>NUMERIC: INTEGER</p> <p>n11a</p> <p>-----</p>
--	--

<p>N11b. Please record the number of FEMALES</p>	<p>NUMERIC: INTEGER</p> <p>n11b</p> <p>-----</p>
--	--

<p>N12. During 2017, how many months was %enterprise% operating?</p> <p>V1 self.InRange(0,12) M1 Number of months seems unlikely, please check and confirm. V2 self>=nbmonth_worked M2 Number of months of operation of %enterprise% cannot be less than the number of months in which the household members worked in it.</p>	<p>NUMERIC: INTEGER</p> <p>n12</p> <p>-----</p>
---	---

<p>N13. During the last month of operation, what was the value of total sales of products, goods or services for %enterprise%?</p> <p>I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI.</p>	<p>NUMERIC: INTEGER</p> <p>n13</p> <p>-----</p>
---	---

<p>N14. During the last month of operation, what was the value of total costs paid for %enterprise%?</p> <p>I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI.</p>	<p>NUMERIC: INTEGER n14</p> <p>-----</p>
<p>N15. During 2017, what was the value of total sales of products, goods or service for %enterprise%?</p> <p>I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI.</p>	<p>NUMERIC: INTEGER n15</p> <p>-----</p>
<p>N16. During t2017, what was the value of total costs paid for %enterprise%?</p> <p>I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI.</p>	<p>NUMERIC: INTEGER n16</p> <p>-----</p>

[O.] OTHER INCOME SOURCES

E consent==1

<p>O01. Did any member of the household receive income or in kind gifts during 2017 from any of the following sources:</p>	<p>MULTI-SELECT: YES/NO o01</p> <p>01 <input type="checkbox"/> / <input type="checkbox"/> GOVERNMENT/MILITARY PENSION/ OTHER GOVERNMENT INCOME (INCLUDING DISABILITY ALLOWANCES)</p> <p>02 <input type="checkbox"/> / <input type="checkbox"/> RENT OF ANIMAL OR OTHER CAPITAL</p> <p>03 <input type="checkbox"/> / <input type="checkbox"/> SUPPORT FROM PASTURE USER UNION (PUU)</p> <p>04 <input type="checkbox"/> / <input type="checkbox"/> SUPPORT FROM OTHER NGOs</p> <p>05 <input type="checkbox"/> / <input type="checkbox"/> RELATIVE, FRIENDS OR NEIGHBORS</p> <p>06 <input type="checkbox"/> / <input type="checkbox"/> BANK (DEPOSIT INCOME)</p>
<p>O01_oth. Did any member of the household receive income or in-kind gifts from any <u>OTHER</u> source during 2017?</p>	<p>SINGLE-SELECT o01_oth</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>O02. Please list any other income source from which you received income during 2017.</p>	<p>LIST o02</p> <p>-----</p>

E o01_oth==1

[O.] OTHER INCOME SOURCES
Roster: INCOME SOURCE
 generated by multi-select question [o01](#)

othinc_roster

<p>O03. How much total income was received during 2017 from %rostertitle%?</p> <p>I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI.</p>	<p>NUMERIC: INTEGER o03</p> <p>-----</p>
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[O.] OTHER INCOME SOURCES
Roster: INCOME SOURCE
 generated by list question [o02](#)

othincoth_roster

O03_oth. How much total income was received during 2017 from %rostartitle%?

NUMERIC: INTEGER

o03_oth

I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI.

[P.] ACCESS TO CREDIT

E consent==1

P01. During 2017, did you or anyone else in this household borrow on credit from someone outside the household or from an institution, receiving either cash or inputs?

SINGLE-SELECT

p01

- 01 YES
- 02 NO

P02. From whom did you or anyone else in this household borrow on credit?

MULTI-SELECT

p02

I MULTIPLE ANSWERS. PLEASE SELECT ALL SOURCES THAT RESPONDENT HAS BORROWED FROM

E p01==1

- 01 RELATIVE
- 02 NEIGHBOUR
- 03 GROCERY/LOCAL MERCHANT
- 04 MONEY LENDER
- 05 EMPLOYER
- 06 MICRO-FINANCE INSTITUTION
- 07 PUU
- 08 BANK (COMMERCIAL)
- 09 NGO
- 10 PUBLIC INSTITUTION / GOVERNMENT

P03. During 2017, did you try to borrow from someone outside the household or from an institution and were turned down?

SINGLE-SELECT

p03

- 01 YES
- 02 NO

[P.] ACCESS TO CREDIT Roster: DETAILS OF CREDIT FROM

generated by multi-select question [p02](#)

creditsource

P04. What was the main use of the loan from %rostartitle%? Was it:

SINGLE-SELECT

p04

I READ RESPONSES

- 001 PURCHASE LIVESTOCK
- 002 PURCHASE AGRICULTURAL INPUTS
- 003 PURCHASE INPUTS FOR LIVESTOCK
- 004 PURCHASE OF AGRICULTURAL TOOLS
- 005 BUSINESS START-UP CAPITAL
- 006 PURCHASE NON-FARM ASSETS
- 007 CONSUMPTION
- 008 FOR EMERGENCIES
- 009 HOUSE RENOVATION
- 999 OTHER (SPECIFY)

P04_oth. Please specify the reason for obtaining loan from %rostartitle%.

TEXT

p04_oth

E p04==999

V1 self.Length>3

M1 Error! Description is too short.

P05. Which household member has contracted the loan?	MULTI-SELECT: LINKED	p05
I MULTIPLE ANSWERS.		
P06. How much was borrowed?	NUMERIC: INTEGER	p06
I IN SOMONI.		
V1 se1f>0		
M1 This seems unlikely. A loan has to be larger than 0.		
P07. Is the loan repaid?	SINGLE-SELECT	p07
	01 <input type="radio"/> YES	
	02 <input type="radio"/> NO	
P08. How much did you pay (do you expect to have paid) in total when you (will have) paid off this loan?	NUMERIC: INTEGER	p08
I TOTAL AMOUNT = INTEREST + PRINCIPAL IN SOMONI.		
V1 se1f>=p06		
M1 It seems unlikely that the person has to pay less in total than was borrowed. Please confirm.		

[Q1.] INTERNAL MIGRATION

E consent==1

Q00. During 2017, did anyone in this household live for at least 2 months or is currently living in another part of Tajikistan?	SINGLE-SELECT	q00
	001 <input type="radio"/> YES	
	002 <input type="radio"/> NO	
	888 <input type="radio"/> DON'T KNOW	
Q1_01. Please select all the household members that lived for at least 2 months (during 2017) or are currently living in another part of Tajikistan.	MULTI-SELECT: LINKED	q1_01
I MULTIPLE ANSWERS.		
E q00==1		

[Q1.] INTERNAL MIGRATION

Roster: HOUSEHOLD INTERNAL MIGRATION

generated by list question [b01](#)

hmmigration

E q1_01. Any(p=>p. SequenceEqual(new[] {@rowcode}))

Q1_2A. Which region did %rosteritle% move to?	SINGLE-SELECT	q1_02a
	01 <input type="radio"/> SUGHD REGION	
	02 <input type="radio"/> DISTRICT OF REPUBLICAN SUBORDINATION	
	03 <input type="radio"/> KHATLON REGION	
	04 <input type="radio"/> GORNO - BADA KHSHAN AUTONOMOUS REGION	
	05 <input type="radio"/> DUSHANBE	
Q1_2. How long did %rosteritle% remain away during this migration episode?	NUMERIC: INTEGER	q1_02
I NUMBER OF MONTHS		
V1 se1f.InRange(0,12)		
M1 Number of months recorded is unlikely, please check and confirm.		

<p>Q1_3. What was the most important reason %rosteritle% left the village?</p>	<p>SINGLE-SELECT q1_03</p> <p>001 <input type="radio"/> TO WORK / LOOK FOR WORK 002 <input type="radio"/> TO JOIN FAMILY / TO MARRY 003 <input type="radio"/> MOVING WITH FAMILY 004 <input type="radio"/> HEALTH 005 <input type="radio"/> STUDY 006 <input type="radio"/> SECURITY 999 <input type="radio"/> OTHER (SPECIFY) 888 <input type="radio"/> DON'T KNOW</p>
<p>Q1_3oth. Please specify</p> <p>E q1_03==999</p>	<p>TEXT q1_03oth</p> <p>.....</p>
<p>Q1_4. Why did %rosteritle% choose to migrate to this destination?</p>	<p>SINGLE-SELECT q1_04</p> <p>001 <input type="radio"/> TO JOIN HOUSEHOLD MEMBER 002 <input type="radio"/> HAD CONTACTS - RELATIVES 003 <input type="radio"/> HAD CONTACTS - FRIENDS 004 <input type="radio"/> CONTACTS / ACQUAINTANCES 005 <input type="radio"/> CLOSE DISTANCE, EASY TO REACH 006 <input type="radio"/> EASIER TO GET VISA 007 <input type="radio"/> STUDIES 008 <input type="radio"/> PERSONAL EXPERIENCE 009 <input type="radio"/> UNABLE TO PROCEED TO INTENDED DESTINATION 010 <input type="radio"/> GRABBED OPPORTUNITY 011 <input type="radio"/> HAD WORK / JOB ARRANGED 012 <input type="radio"/> I DID NOT DECIDE / I MOVED WITH FAMILY 999 <input type="radio"/> OTHER (SPECIFY) 888 <input type="radio"/> DON'T KNOW</p>
<p>Q1_4oth. Please specify</p> <p>E q1_04==999</p>	<p>TEXT q1_04oth</p> <p>.....</p>
<p>Q1_5. Did %rosteritle% find work or start working during this migration episode?</p>	<p>SINGLE-SELECT q1_05</p> <p>001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW</p>
<p>Q1_6. What was %rosteritle%'s main occupation during this migration episode?</p> <p>E q1_05==1</p>	<p>SINGLE-SELECT q1_06</p> <p>001 <input type="radio"/> FARMING 002 <input type="radio"/> SELF-EMPLOYMENT 003 <input type="radio"/> WAGE, AGRICULTURAL 004 <input type="radio"/> WAGE, UNSKILLED NON-AGRICULTURAL 005 <input type="radio"/> WAGE, TECHNICAL /SKILLED NON-AGRICULTURAL 006 <input type="radio"/> UNPAID APPRENTICESHIP 007 <input type="radio"/> STUDENT 008 <input type="radio"/> UNEMPLOYED 009 <input type="radio"/> RETIRED 010 <input type="radio"/> SICK OR DISABLED 999 <input type="radio"/> OTHER (SPECIFY) 888 <input type="radio"/> DON'T KNOW</p>
<p>Q1_6oth. Please specify other occupation</p> <p>E q1_06==999</p>	<p>TEXT q1_06oth</p> <p>.....</p>

<p>Q1_7. Why did %rosteritle% return to this village?</p> <p>E b11==1</p>	<p>SINGLE-SELECT q1_07</p> <p>001 <input type="radio"/> NO INTENTION TO STAY</p> <p>002 <input type="radio"/> FAMILY REASONS</p> <p>003 <input type="radio"/> LOSS OF JOB</p> <p>004 <input type="radio"/> FOUND JOB OPPORTUNITY IN THIS VILLAGE</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>Q1_8. Did %rosteritle% send any cash to this household at any point in time during 2017?</p> <p>I INCLUDE ONLY CASH SENT BY AN INTERNAL MGRANT.</p>	<p>SINGLE-SELECT q1_08</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>Q1_9. At what frequency did %rosteritle% send cash to this household during 2017?</p> <p>E q1_08==1</p>	<p>SINGLE-SELECT q1_09</p> <p>001 <input type="radio"/> MORE THAN ONCE PER MONTH</p> <p>002 <input type="radio"/> MONTHLY</p> <p>003 <input type="radio"/> QUARTERLY</p> <p>004 <input type="radio"/> SEMI-ANNUALLY</p> <p>005 <input type="radio"/> ANNUALLY</p> <p>006 <input type="radio"/> SPORADICALLY AS NEEDED</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>Q1_9oth. Please specify</p> <p>E q1_09==999</p>	<p>TEXT q1_09oth</p> <p>.....</p>
<p>Q1_10. How much did %rosteritle% send to this household in total during 2017?</p> <p>I RECORD AMOUNT IN SOMONI. IF NO PAYMENT, PLEASE RECORD "0"</p> <p>E q1_08==1</p>	<p>NUMERIC: INTEGER q1_10</p> <p>-----</p>
<p>Q1_11. Who in the household kept/decided on the use of this income?</p> <p>I MAXIMUM 2 ANSWERS</p> <p>F b04a>15</p> <p>E q1_09==1</p>	<p>MULTI-SELECT: LINKED q1_11</p>
<p>Q1_12. Did %rosteritle% send any in-kind assistance to this household during 2017?</p> <p>I INCLUDE ONLY IN-KIND ASSISTANCE SENT BY AN INTERNAL MGRANT.</p>	<p>SINGLE-SELECT q1_12</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>Q1_13. At what frequency did %rosteritle% send in-kind assistance to this household during 2017?</p> <p>E q1_12==1</p>	<p>SINGLE-SELECT q1_13</p> <p>001 <input type="radio"/> MORE THAN ONCE PER MONTH</p> <p>002 <input type="radio"/> MONTHLY</p> <p>003 <input type="radio"/> QUARTERLY</p> <p>004 <input type="radio"/> SEMI-ANNUALLY</p> <p>005 <input type="radio"/> ANNUALLY</p> <p>006 <input type="radio"/> SPORADICALLY AS NEEDED</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>Q1_13oth. Please specify</p> <p>E q1_13==999</p>	<p>TEXT q1_13oth</p> <p>.....</p>

<p>Q1_14. What type of in-kind assistance was sent?</p> <p>I READ ALL THE OPTIONS. MAXIMUM 3 ANSWERS. PLEASE SELECT IN ORDER OF IMPORTANCE.</p> <p>E q1_13==1</p>	<p>MULTI-SELECT q1_14</p> <p>001 <input type="checkbox"/> FOOD</p> <p>002 <input type="checkbox"/> MEDICINE</p> <p>003 <input type="checkbox"/> SCHOOL ITEMS</p> <p>004 <input type="checkbox"/> ELECTRONICS</p> <p>005 <input type="checkbox"/> HOUSEHOLD ITEMS</p> <p>006 <input type="checkbox"/> AGRICULTURAL INPUTS</p> <p>007 <input type="checkbox"/> ITEMS FOR BUSINESS</p> <p>999 <input type="checkbox"/> OTHER (SPECIFY)</p>
<p>Q1_15. What was the total estimated value of all food and other in-kind assistance that %rostertitle% sent to this household during 2017?</p> <p>I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI.</p> <p>E q1_13==1</p>	<p>NUMERIC: INTEGER q1_15</p> <p>-----</p>
<p>Q1_16. Who in the household kept/decided on the use of this in-kind assistance?</p> <p>I MAXIMUM 2 ANSWERS.</p> <p>F b04a>15</p> <p>E q1_12==1</p>	<p>MULTI-SELECT: LINKED q1_16</p>

[Q1.] INTERNATIONAL MIGRATION

E consent==1

STATIC TEXT

Now I would like to talk about the migration episodes ABROAD of the household members in the last 7 years.

<p>Q1_17. Did anyone in this household migrate abroad for at least 2 months in the last 7 years (From January 2011 to January 2018)?</p>	<p>SINGLE-SELECT q1_17</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>Q1_18. Please select all the household members that migrated abroad for at least 2 months in the last 7 years, meaning from January 2011 to January 2018.</p> <p>I MULTIPLE ANSWERS</p> <p>E q1_17==1</p>	<p>MULTI-SELECT: LINKED q1_18</p>

[Q1.] INTERNATIONAL MIGRATION
Roster: INTERNATIONAL MIGRATION - HH
generated by list question [b01](#)

hhmigration2

E q1_18.Any(p=>p.SequenceEqual(new[]{@rowcode}))

<p>Did %hhmigration2% migrate abroad in:</p>	<p>MULTI-SELECT: YES/NO q1_migrationyear</p> <p>01 <input type="checkbox"/> / <input type="checkbox"/> 2011</p> <p>02 <input type="checkbox"/> / <input type="checkbox"/> 2012</p> <p>03 <input type="checkbox"/> / <input type="checkbox"/> 2013</p> <p>04 <input type="checkbox"/> / <input type="checkbox"/> 2014</p> <p>05 <input type="checkbox"/> / <input type="checkbox"/> 2015</p> <p>06 <input type="checkbox"/> / <input type="checkbox"/> 2016</p> <p>07 <input type="checkbox"/> / <input type="checkbox"/> 2017</p>
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Roster: ABROAD MIGRATION YEAR

generated by multi-select question [q1_migrationyear](#)

migrationyear

<p>Q1_19. How long did %hhmigration2% remain away during the longest migration episode abroad in %migrationyear%?</p> <p>I NUMBER OF MONTHS. V1 self.InRange(1,12) M1 This value seems unlikely; please remember that reference period is 12 months. V2 self>0 M2 Number of months spent abroad should be greater than 0, if %hhmigration2% migrated during %migrationyear%.</p>	<p>NUMERIC: INTEGER q1_19</p> <p>-----</p>
<p>Q1_20. What country did %hhmigration2% migrate to during the longest migration episode of %migrationyear%?</p>	<p>SINGLE-SELECT q1_20</p> <p>001 <input type="radio"/> RUSSIA 002 <input type="radio"/> KYRGYZSTAN 003 <input type="radio"/> KAZAKHSTAN 004 <input type="radio"/> TURKMENISTAN 005 <input type="radio"/> AFGHANISTAN 006 <input type="radio"/> PAKISTAN 007 <input type="radio"/> UZBEKISTAN 008 <input type="radio"/> GEORGIA 009 <input type="radio"/> AZERBAJAN 010 <input type="radio"/> ARMENIA 011 <input type="radio"/> GERMANY 012 <input type="radio"/> IRAQ 013 <input type="radio"/> IRAN 999 <input type="radio"/> OTHER (SPECIFY) 888 <input type="radio"/> DON'T KNOW</p>
<p>Q1_21. If more than 1 migration episode during %migrationyear%, please record the total number of months %hhmigration2% spent abroad during the year.</p> <p>I NUMBER OF MONTHS. V1 self>=q1_19 M1 Total number of months spent abroad should not be less than longest migration episode of the year: please check and confirm. V2 self.InRange(1,12) M2 This value seems unlikely; please remember that reference period is 12 months.</p>	<p>NUMERIC: INTEGER q1_21</p> <p>-----</p>
<p>STATIC TEXT</p> <p><i>Now I would like to talk about %hhmigration2%'s most recent migration episode abroad.</i></p>	
<p>Q1_22. What country did %hhmigration2% go on his/her most recent migration episode abroad?</p>	<p>SINGLE-SELECT q1_22</p> <p>001 <input type="radio"/> RUSSIA 002 <input type="radio"/> KYRGYZSTAN 003 <input type="radio"/> KAZAKHSTAN 004 <input type="radio"/> TURKMENISTAN 005 <input type="radio"/> AFGHANISTAN 006 <input type="radio"/> PAKISTAN 007 <input type="radio"/> UZBEKISTAN 008 <input type="radio"/> GEORGIA 009 <input type="radio"/> AZERBAJAN 010 <input type="radio"/> ARMENIA 011 <input type="radio"/> GERMANY 012 <input type="radio"/> IRAQ 013 <input type="radio"/> IRAN 999 <input type="radio"/> OTHER (SPECIFY) 888 <input type="radio"/> DON'T KNOW</p>

Q1_23. When was %hhmigration2%'s most recent migration episode abroad?	NUMERIC: INTEGER q1_23
I YEAR	-----
Q1_24. How long did %hhmigration2% remain away during his/her most recent migration episode abroad?	NUMERIC: INTEGER q1_24
I NUMBER OF MONTHS	-----
Q1_25. What was the most important reason %hhmigration2% migrated abroad during his/her most recent migration episode abroad?	SINGLE-SELECT q1_25 001 <input type="radio"/> TO WORK / LOOK FOR WORK 002 <input type="radio"/> TO JOIN FAMILY / TO MARRY 003 <input type="radio"/> MOVING WITH FAMILY 004 <input type="radio"/> HEALTH 005 <input type="radio"/> STUDY 006 <input type="radio"/> SECURITY 007 <input type="radio"/> TO MAINTAIN RESIDENCY 999 <input type="radio"/> OTHER (SPECIFY) 888 <input type="radio"/> DON'T KNOW
Q1_26. Why did %hhmigration2% choose to migrate to this destination?	SINGLE-SELECT q1_26 001 <input type="radio"/> TO JOIN HOUSEHOLD MEMBER 002 <input type="radio"/> HAD CONTACTS - RELATIVES 003 <input type="radio"/> HAD CONTACTS - FRIENDS 004 <input type="radio"/> CONTACTS / ACQUAINTANCES 005 <input type="radio"/> CLOSE DISTANCE, EASY TO REACH 006 <input type="radio"/> EASIER TO GET VISA 007 <input type="radio"/> STUDIES 008 <input type="radio"/> PERSONAL EXPERIENCE 009 <input type="radio"/> UNABLE TO PROCEED TO INTENDED DESTINATION 010 <input type="radio"/> GRABBED OPPORTUNITY 011 <input type="radio"/> HAD WORK / JOB ARRANGED 012 <input type="radio"/> I DID NOT DECIDE / I MOVED WITH FAMILY 999 <input type="radio"/> OTHER (SPCIFY) 888 <input type="radio"/> DON'T KNOW
Q1_27. Did %hhmigration2% enter legally into the country during the most recent migration episode?	SINGLE-SELECT q1_27 001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW
Q1_28. Did %hhmigration2% obtain legal residence during the most recent migration episode?	SINGLE-SELECT q1_28 001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW
Q1_29. Did %hhmigration2% find work or start work during this migration episode?	SINGLE-SELECT q1_29 001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW
Q1_30. Was this job prearranged before leaving?	SINGLE-SELECT q1_30 001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW
E q1_29==1	

<p>Q1_31. What was %hhmigration2%'s main occupation during the last migration episode abroad?</p>	<p>SINGLE-SELECT q1_31</p> <p>001 <input type="radio"/> FARMING</p> <p>002 <input type="radio"/> SELF-EMPLOYMENT</p> <p>003 <input type="radio"/> WAGE, AGRICULTURAL</p> <p>004 <input type="radio"/> WAGE, UNSKILLED NON-AGRICULTURAL</p> <p>005 <input type="radio"/> WAGE, TECHNICAL /SKILLED NON-AGRICULTURAL</p> <p>006 <input type="radio"/> UNPAID APPRENTICESHIP</p> <p>007 <input type="radio"/> STUDENT</p> <p>008 <input type="radio"/> UNEMPLOYED</p> <p>009 <input type="radio"/> RETIRED</p> <p>010 <input type="radio"/> SICK OR DISABLED</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>Q1_32. Was %hhmigration2% working legally in the country during the most recent migration episode?</p>	<p>SINGLE-SELECT q1_32</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>Q1_33. Who provided information on where to go and/or how to find work during the most recent migration episode?</p> <p>I PLEASE SPECIFY THE MAIN SOURCE.</p>	<p>SINGLE-SELECT q1_33</p> <p>001 <input type="radio"/> FAMILY / RELATIVES IN TAJIKISTAN</p> <p>002 <input type="radio"/> FAMILY / RELATIVES ABROAD</p> <p>003 <input type="radio"/> FRIENDS IN TAJIKISTAN</p> <p>004 <input type="radio"/> FRIENDS ABROAD</p> <p>005 <input type="radio"/> PREVIOUS PERSONAL EXPERIENCE</p> <p>006 <input type="radio"/> NEIGHBOURS</p> <p>007 <input type="radio"/> TV, RADIO, NEWSPAPERS OR BOOK</p> <p>008 <input type="radio"/> INTERNET</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>Q1_34. What was the main source of funding of the most recent migration episode abroad?</p> <p>I PLEASE SPECIFY THE MAIN SOURCE</p>	<p>SINGLE-SELECT q1_34</p> <p>001 <input type="radio"/> SALE OF HOME</p> <p>002 <input type="radio"/> SALE OF OTHER ASSETS</p> <p>003 <input type="radio"/> SAVINGS</p> <p>004 <input type="radio"/> ASSISTANCE FROM FAMILY MEMBERS ABROAD</p> <p>005 <input type="radio"/> ASSISTANCE FROM FAMILY MEMBERS IN TAJIKISTAN</p> <p>006 <input type="radio"/> LOAN FROM RELATIVES</p> <p>007 <input type="radio"/> LOAN FROM FRIENDS</p> <p>008 <input type="radio"/> LOAN FROM OTHER</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p> <p>888 <input type="radio"/> DON'T KNOW</p>

<p>Q1_35. Why did %hhmigration2%'s return to Tajikistan?</p>	<p>SINGLE-SELECT q1_35</p> <p>001 <input type="radio"/> COULD NOT GET RESIDENCE PERMIT</p> <p>002 <input type="radio"/> COULD NOT GET WORK PERMIT</p> <p>003 <input type="radio"/> PERMIT EXPIRED</p> <p>004 <input type="radio"/> NO INTENTION TO STAY</p> <p>005 <input type="radio"/> ACCUMULATED ENOUGH MONEY</p> <p>006 <input type="radio"/> SEASONAL WORK</p> <p>007 <input type="radio"/> GOT EXPELLED</p> <p>008 <input type="radio"/> FAMILY REASONS</p> <p>009 <input type="radio"/> HOMESICK</p> <p>010 <input type="radio"/> LOSS OF JOB ABROAD</p> <p>011 <input type="radio"/> LOCAL JOB OPPORTUNITY</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>Q1_36. What was the employment status of %hhmigration2% immediately before the last migration episode abroad?</p>	<p>SINGLE-SELECT q1_36</p> <p>001 <input type="radio"/> DAY LABORER / PIECEWORKER</p> <p>002 <input type="radio"/> SELF-EMPLOYED (NO EMPLOYEES)</p> <p>003 <input type="radio"/> SELF-EMPLOYED (WITH EMPLOYEES)</p> <p>004 <input type="radio"/> WAGE EMPLOYEE IN A PRIVATE COMPANY, GOVERNMENT/QUASI-GOVERNMENT AGENCY OR NGO</p> <p>005 <input type="radio"/> WAGE EMPLOYEE IN AGRICULTURE ON A FARM THAT DOES NOT BELONG TO THE HOUSEHOLD</p> <p>006 <input type="radio"/> CONTRIBUTING FAMILY WORKER</p> <p>007 <input type="radio"/> UNEMPLOYED</p> <p>008 <input type="radio"/> SICK OR DISABLED</p> <p>009 <input type="radio"/> RETIRED</p> <p>010 <input type="radio"/> HOMEMAKER (HOUSEWIFE / HOUSEHUSBAND)</p> <p>011 <input type="radio"/> STUDENT</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>Q1_37. Did %hhmigration2% send any cash to this household at any point during the last migration episode abroad?</p>	<p>SINGLE-SELECT q1_37</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>Q1_38. At what frequency did %hhmigration2% send cash to this household during the last migration episode abroad?</p> <p>E q1_37==1</p>	<p>SINGLE-SELECT q1_38</p> <p>001 <input type="radio"/> MORE THAN ONCE PER MONTH</p> <p>002 <input type="radio"/> MONTHLY</p> <p>003 <input type="radio"/> QUARTERLY</p> <p>004 <input type="radio"/> SEMI-ANNUALLY</p> <p>005 <input type="radio"/> ANNUALLY</p> <p>006 <input type="radio"/> SPORADICALLY AS NEEDED</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p> <p>888 <input type="radio"/> DON'T KNOW</p>

<p>Q1_39. How much cash did %hhmigration2% send to this household in total during the last migration episode abroad?</p> <p>I SOMONI E q1_37==1</p>	<p>NUMERIC: INTEGER q1_39</p> <p>-----</p>
<p>Q1_40. Who in the household kept/decided on the use of this income?</p> <p>I MAXIMUM2 ANSWERS. E q1_37==1</p>	<p>MULTI-SELECT: LINKED q1_40</p>
<p>Q1_41. Did %hhmigration2% send any in-kind assistance to this household during the last migration episode abroad?</p>	<p>SINGLE-SELECT q1_41</p> <p>001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW</p>
<p>Q1_42. At what frequency did %hhmigration2% send in-kind assistance to this household during the last migration episode abroad?</p> <p>E q1_41==1</p>	<p>SINGLE-SELECT q1_42</p> <p>001 <input type="radio"/> MORE THAN ONCE PER MONTH 002 <input type="radio"/> MONTHLY 003 <input type="radio"/> QUARTERLY 004 <input type="radio"/> SEMI-ANNUALLY 005 <input type="radio"/> ANNUALLY 006 <input type="radio"/> SPORADICALLY AS NEEDED 999 <input type="radio"/> OTHER (SPECIFY) 888 <input type="radio"/> DON'T KNOW</p>
<p>Q1_43. What type of in-kind assistance was sent?</p> <p>I READ ALL THE OPTIONS. MAXIMUM3 ANSWERS. PLEASE SELECT IN ORDER OF IMPORTANCE. E q1_41==1</p>	<p>MULTI-SELECT: ORDERED q1_43</p> <p>001 <input type="checkbox"/> FOOD 002 <input type="checkbox"/> MEDICINE 003 <input type="checkbox"/> SCHOOL ITEMS 004 <input type="checkbox"/> ELECTRONICS 005 <input type="checkbox"/> HOUSEHOLD ITEMS 006 <input type="checkbox"/> AGRICULTURAL INPUTS 007 <input type="checkbox"/> ITEMS FOR BUSINESS 999 <input type="checkbox"/> OTHER (SPECIFY)</p>
<p>Q1_44. What was the total estimated cash value of all food and other in-kind assistance that %hhmigration2% to this household during the last migration episode abroad?</p> <p>I RECORD THE EQUIVALENT VALUE IN SOMONI. E q1_41==1</p>	<p>NUMERIC: INTEGER q1_44</p> <p>-----</p>
<p>Q1_45. Who in the household kept/decided on the use of this in-kind assistance?</p> <p>I MAXIMUM2 ANSWERS E q1_41==1</p>	<p>MULTI-SELECT: LINKED q1_45</p>

[Q2.] OUT MIGRATION

E consent==1

<p>Q2_00. Do any of the household head's spouses or any of the biological children of the household head and/or spouse currently live elsewhere?</p>	<p>SINGLE-SELECT q2_00</p> <p>001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW</p>
--	---

<p>Q2_01. Please name household head's spouses and all biological children of head and/or spouse who currently live elsewhere.</p> <p>E q2_00==1</p>	<p>LIST q2_01</p> <p>.....</p>
--	--------------------------------

[Q2.] OUT MIGRATION
Roster: MIGRATION OF NON-HOUSEHOLD MEMBERS
generated by list question q2_01

outmigr

<p>Q2_02. Sex of %outmigr%?</p>	<p>SINGLE-SELECT q2_02</p> <p>01 <input type="radio"/> MALE</p> <p>02 <input type="radio"/> FEMALE</p>
<p>Q2_03. Age of %outmigr%?</p> <p>I AGE IN YEARS</p> <p>V1 self.InRange(0,100)</p> <p>M1 Reported age is unlikely. Please check and/or confirm.</p>	<p>NUMERIC: INTEGER q2_03</p> <p>-----</p>
<p>VARIABLE</p> <p>2016-q2_03</p>	<p>LONG yearbirth</p>
<p>Q2_04. What is the highest educational qualification %rosteritle% has acquired?</p>	<p>SINGLE-SELECT q2_04</p> <p>000 <input type="radio"/> NURSERY/PRESCHOOL</p> <p>001 <input type="radio"/> PRIMARY</p> <p>002 <input type="radio"/> SECONDARY</p> <p>003 <input type="radio"/> PRIMARY VOCATIONAL EDUCATION</p> <p>004 <input type="radio"/> PRIMARY PROFESSIONAL EDUCATION BASED ON SECONDARY GENERAL EDUCATION</p> <p>005 <input type="radio"/> SECONDARY PROFESSIONAL EDUCATION</p> <p>006 <input type="radio"/> BACHELOR DEGREE</p> <p>007 <input type="radio"/> MASTER DEGREE</p> <p>008 <input type="radio"/> SPECIALIST DEGREE</p> <p>009 <input type="radio"/> CANDIDATE OF SCIENCE</p> <p>010 <input type="radio"/> DOCTOR OF SCIENCE</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>Q2_05. Has %rosteritle% ever lived in this household?</p>	<p>SINGLE-SELECT q2_05</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>Q2_06. In which year did %rosteritle% leave the household?</p> <p>I IF MORE THAN ONE INSTANCE, PLEASE REPORT THE MOST RECENT YEAR.</p> <p>E q2_05==1</p> <p>V1 self.InRange(yearbirth,2017)</p> <p>M1 Reported year is unlikely, please check and confirm.</p>	<p>NUMERIC: INTEGER q2_06</p> <p>-----</p>
<p>Q2_07. Where does %rosteritle% currently live?</p>	<p>SINGLE-SELECT q2_07</p> <p>01 <input type="radio"/> DUSHANBE</p> <p>02 <input type="radio"/> THIS DISTRICT</p> <p>03 <input type="radio"/> ANOTHER DISTRICT</p> <p>04 <input type="radio"/> DIFFERENT COUNTRY</p>

<p>Q2_08. In which district does %rostertitle% currently live?</p> <p>E q2_07==3</p>	<p>SINGLE-SELECT q2_08</p> <p>01 <input type="radio"/> tbd1</p> <p>02 <input type="radio"/> tbd2</p> <p>03 <input type="radio"/> tbd3</p>
<p>Q2_09. In which country does %rostertitle% currently live?</p> <p>E q2_07==4</p>	<p>SINGLE-SELECT q2_09</p> <p>001 <input type="radio"/> RUSSIA</p> <p>002 <input type="radio"/> KYRGYZSTAN</p> <p>003 <input type="radio"/> KAZAKHSTAN</p> <p>004 <input type="radio"/> TURKMENISTAN</p> <p>005 <input type="radio"/> AFGHANISTAN</p> <p>006 <input type="radio"/> PAKISTAN</p> <p>007 <input type="radio"/> UZBEKISTAN</p> <p>008 <input type="radio"/> GEORGIA</p> <p>009 <input type="radio"/> AZERBAJAN</p> <p>010 <input type="radio"/> ARMENIA</p> <p>011 <input type="radio"/> GERMANY</p> <p>012 <input type="radio"/> IRAQ</p> <p>013 <input type="radio"/> IRAN</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>Q2_09oth. Please specify the country in which %rostertitle% currently lives.</p> <p>E q2_09==999</p> <p>V1 self.Length>3</p> <p>M1 Name of the country seems unlikely, please check and confirm.</p>	<p>TEXT q2_09oth</p> <p>.....</p>
<p>Q2_10a. For how long has %rostertitle% lived in this location?</p> <p>I NUMBER OF YEARS OR MONTHS.</p> <p>E q2_07>=3</p> <p>V1 self.InRange(0,q2_03) && q2_10b==2</p> <p>M1 Number of years seems unlikely, please check and confirm.</p>	<p>NUMERIC: DECIMAL q2_10a</p> <p>-----</p>
<p>Q2_10b. Please specify TIME UNIT</p> <p>E q2_10a>0</p>	<p>SINGLE-SELECT q2_10b</p> <p>01 <input type="radio"/> MONTH</p> <p>02 <input type="radio"/> YEAR</p>
<p>Q2_11. What is %rostertitle%'s current main activity?</p>	<p>SINGLE-SELECT q2_11</p> <p>001 <input type="radio"/> FARMING</p> <p>002 <input type="radio"/> SELF-EMPLOYMENT</p> <p>003 <input type="radio"/> WAGE, AGRICULTURAL</p> <p>004 <input type="radio"/> WAGE, UNSKILLED NON-AGRICULTURAL</p> <p>005 <input type="radio"/> WAGE, TECHNICAL /SKILLED NON-AGRICULTURAL</p> <p>006 <input type="radio"/> UNPAID APPRENTICESHIP</p> <p>007 <input type="radio"/> STUDENT</p> <p>008 <input type="radio"/> UNEMPLOYED</p> <p>009 <input type="radio"/> RETIRED</p> <p>010 <input type="radio"/> SICK OR DISABLED</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p> <p>888 <input type="radio"/> DON'T KNOW</p>

<p>Q2_12. In the period just before %rostertitle% left the household, what was his/her main activity?</p>	<p>SINGLE-SELECT q2_12</p> <p>001 <input type="radio"/> FARMING</p> <p>002 <input type="radio"/> SELF-EMPLOYMENT</p> <p>003 <input type="radio"/> WAGE, AGRICULTURAL</p> <p>004 <input type="radio"/> WAGE, UNSKILLED NON-AGRICULTURAL</p> <p>005 <input type="radio"/> WAGE, TECHNICAL /SKILLED NON-AGRICULTURAL</p> <p>006 <input type="radio"/> UNPAID APPRENTICESHIP</p> <p>007 <input type="radio"/> SCHOOL / UNIVERSITY STUDENT</p> <p>008 <input type="radio"/> UNEMPLOYED</p> <p>009 <input type="radio"/> RETIRED</p> <p>010 <input type="radio"/> SICK OR DISABLED</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>Q2_13. Did %rostertitle% send any cash to this household at any point during 2017?</p>	<p>SINGLE-SELECT q2_13</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>Q2_14. At what frequency did %rostertitle% send cash to this household during 2017?</p>	<p>SINGLE-SELECT q2_14</p> <p>001 <input type="radio"/> MORE THAN ONCE PER MONTH</p> <p>002 <input type="radio"/> MONTHLY</p> <p>003 <input type="radio"/> QUARTERLY</p> <p>004 <input type="radio"/> SEMI-ANNUALLY</p> <p>005 <input type="radio"/> ANNUALLY</p> <p>006 <input type="radio"/> SPORADICALLY AS NEEDED</p> <p>888 <input type="radio"/> OTHER (SPECIFY)</p> <p>999 <input type="radio"/> DON'T KNOW</p>
<p>E q2_13==1</p>	
<p>Q2_15. How much cash did %rostertitle% send to this household in total during 2017?</p>	<p>NUMERIC: INTEGER q2_15</p> <p>-----</p>
<p>I IN SOMONI. E q2_13==1</p>	
<p>Q2_16. Who in the household kept/decided on the use of this income?</p>	<p>MULTI-SELECT: LINKED q2_16</p>
<p>I MAXIMUM 2 ANSWERS E q2_13==1</p>	
<p>Q2_17. Did %rostertitle% send any in-kind assistance to this household during 2017?</p>	<p>SINGLE-SELECT q2_17</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
<p>Q2_18. At what frequency did %rostertitle% send in-kind assistance to this household during 2017?</p>	<p>SINGLE-SELECT q2_18</p> <p>001 <input type="radio"/> MORE THAN ONCE PER MONTH</p> <p>002 <input type="radio"/> MONTHLY</p> <p>003 <input type="radio"/> QUARTERLY</p> <p>004 <input type="radio"/> SEMI-ANNUALLY</p> <p>005 <input type="radio"/> ANNUALLY</p> <p>006 <input type="radio"/> SPORADICALLY AS NEEDED</p> <p>888 <input type="radio"/> OTHER (SPECIFY)</p> <p>999 <input type="radio"/> DON'T KNOW</p>
<p>E q2_17==1</p>	

<p>Q2_19. What type of in-kind assistance was sent?</p> <p>I READ ALL THE OPTIONS. MAXIMUM 3 ANSWERS. PLEASE SELECT IN ORDER OF IMPORTANCE.</p> <p>E q2_17==1</p>	<p>MULTI-SELECT: ORDERED q2_19</p> <p>001 <input type="checkbox"/> FOOD</p> <p>002 <input type="checkbox"/> MEDICINE</p> <p>003 <input type="checkbox"/> SCHOOL ITEMS</p> <p>004 <input type="checkbox"/> ELECTRONICS</p> <p>005 <input type="checkbox"/> HOUSEHOLD ITEMS</p> <p>006 <input type="checkbox"/> AGRICULTURAL INPUTS</p> <p>007 <input type="checkbox"/> ITEMS FOR BUSINESS</p> <p>999 <input type="checkbox"/> OTHER (SPECIFY)</p>
<p>Q2_20. What was the total estimated cash value of all food and other in-kind assistance that %rosteritle% sent to this household during 2017?</p> <p>I IN SOMONI.</p> <p>E q2_17==1</p>	<p>NUMERIC: INTEGER q2_20</p> <p>-----</p>
<p>Q2_21. Who in the household kept/decided on the use of this in-kind assistance?</p> <p>I MAXIMUM 2 ANSWERS.</p> <p>E q2_17==1</p>	<p>MULTI-SELECT: LINKED q2_21</p>

[R.] SOCIAL CAPITAL

E consent==1

<p>R01. Does at least one member of the household belong to...?</p> <p>I READ GROUPS.</p> <p>VI self.Missing.Length==0</p> <p>MI Respondent has not yet answered all questions on the participation to groups. Please continue until all questions have been asked.</p>	<p>MULTI-SELECT: YES/NO r01</p> <p>01 <input type="checkbox"/> / <input type="checkbox"/> FARMERS' COOPERATIVE</p> <p>02 <input type="checkbox"/> / <input type="checkbox"/> FARMERS' ASSOCIATION</p> <p>03 <input type="checkbox"/> / <input type="checkbox"/> LIVESTOCK ASSOCIATION</p> <p>04 <input type="checkbox"/> / <input type="checkbox"/> MEN'S GROUP</p> <p>05 <input type="checkbox"/> / <input type="checkbox"/> WOMEN'S GROUP</p> <p>06 <input type="checkbox"/> / <input type="checkbox"/> MICRO-FINANCE ASSOCIATION</p> <p>07 <input type="checkbox"/> / <input type="checkbox"/> SAVINGS GROUP</p> <p>08 <input type="checkbox"/> / <input type="checkbox"/> CULTURAL GROUP</p> <p>09 <input type="checkbox"/> / <input type="checkbox"/> PARENT/TEACHER'S ASSOCIATION/COMMITTEE</p> <p>10 <input type="checkbox"/> / <input type="checkbox"/> HEALTH/NUTRITION GROUP</p> <p>11 <input type="checkbox"/> / <input type="checkbox"/> PROFESSIONAL GROUP</p> <p>12 <input type="checkbox"/> / <input type="checkbox"/> POLITICAL PARTY</p> <p>13 <input type="checkbox"/> / <input type="checkbox"/> PASTURE USERS UNION</p>
---	--

[R.] SOCIAL CAPITAL

Roster: GROUP PARTICIPATION

generated by multi-select question [r01](#)

socialgroup

<p>R02. For how many years since at least one member has been involved in %rosteritle%?</p>	<p>NUMERIC: INTEGER r02</p> <p>-----</p>
<p>R03. How often does %rosteritle% meet in a year?</p>	<p>SINGLE-SELECT r03</p> <p>001 <input type="radio"/> WEEKLY</p> <p>002 <input type="radio"/> MONTHLY</p> <p>003 <input type="radio"/> QUARTERLY</p> <p>004 <input type="radio"/> HALF YEARLY</p> <p>005 <input type="radio"/> YEARLY</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p>

R04. During 2017, how many times did household member(s) participate in %socialgroup% meetings?	NUMERIC: INTEGER -----	r04
R05. Does the %socialgroup% charge fees?	SINGLE-SELECT 001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW	r05
R06. How much are the total fees of the %socialgroup% in one year? I IN SOMONI. E r05==1	NUMERIC: INTEGER -----	r06
R07. Does %socialgroup% work with similar groups outside of the village?	SINGLE-SELECT 001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW	r07

QUESTIONNAIRE WRAP UP

STATUS OF THE INTERVIEW: E consent==1	SINGLE-SELECT 01 <input type="radio"/> COMPLETED 02 <input type="radio"/> INTERRUPTED	status
THE INTERVIEW WAS INTERRUPTED BECAUSE: E status==2	SINGLE-SELECT 001 <input type="radio"/> Family needs/interruptions 002 <input type="radio"/> Not interested in topic 003 <input type="radio"/> Partner/family does not give approval to cooperate 004 <input type="radio"/> Not enough time/Interview is too long 005 <input type="radio"/> Topic is too sensitive/intrusive 999 <input type="radio"/> Other reason (Please specify)	interruption
PLEASE SPECIFY OTHER REASON FOR INTERRUPTION OF THE INTERVIEW E interruption==999	TEXT -----	interruption_oth
SELECT THE REASON FOR REJECTION E consent==2 && condition==1	SINGLE-SELECT 001 <input type="radio"/> Lack of interest / Never took part in surveys 002 <input type="radio"/> Bad timing (e.g. sick, too old, was busy with kids or with something else). 003 <input type="radio"/> Don't know enough about the subject / topic is too difficult 004 <input type="radio"/> Partner/family does not give approval to cooperate 005 <input type="radio"/> Privacy (do not talk to strangers / do not give personal info) 999 <input type="radio"/> Other reason (Please specify)	refusal
Please specify other reason for refusal. E refusal==999	TEXT -----	refusal_oth

ENUMERATOR: RECORD DATE & TIME	DATE: CURRENT TIME end_visitdate
ENUMERATOR: RECORD CURRENT GPS LOCATION	GPS end_location ----- N ----- W ----- A

APPENDIX A — ENABLING CONDITIONS

[1] : [K1-S1] AGRICULTURAL PRODUCTION %season1%

Enablement Condition:

```
consent==1 && j0_00==1 &&
parcelroster.Any(p=>p.plotroster_s1.Any(x=>x.j2s1_7==1)) &&
parcelroster.Any(p=>p.plotroster_s1.Any(x=>x.j2s1_9==2)) &&
parcelroster.Any(p=>p.plotroster_s1.Any(x=>x.j2s1_10==2))
```

[2] : [K3-S1] AGROFORESTRY - SEASON 1

Enablement Condition:

```
consent==1 && j0_00==1 &&
parcelroster.Any(p=>p.plotroster_s1.Any(x=>x.j2s1_7==1)) &&
parcelroster.Any(p=>p.plotroster_s1.Any(x=>x.j2s1_9==1)) &&
parcelroster.Any(p=>p.plotroster_s1.Any(x=>x.j2s1_10==2))
```

[3] : [K3-S2] AGROFORESTRY - SEASON 2

Enablement Condition:

```
consent==1 && j0_00==1 &&
parcelroster.Any(p=>p.plotroster_s2.Any(x=>x.j2s2_7==1)) &&
parcelroster.Any(p=>p.plotroster_s2.Any(x=>x.j2s2_9==1)) &&
parcelroster.Any(p=>p.plotroster_s2.Any(x=>x.j2s2_10==2))
```

[4] : [K1-S2] AGRICULTURAL PRODUCTION %season2%

Enablement Condition:

```
(consent==1 && j0_00==1 &&
parcelroster.Any(p=>p.plotroster_s2.Any(x=>x.j2s2_7==1)) &&
parcelroster.Any(p=>p.plotroster_s2.Where(z=>IsAnswered(z.j2s2_9)).Any(x=>x.j2s2_9==2)) &&
parcelroster.Any(p=>p.plotroster_s2.Where(z=>IsAnswered(z.j2s2_10)).Any(x=>x.j2s2_10==2)))

||

(consent==1 && j0_00==1 &&
parcelroster.Any(p=>p.plotroster_s2.Any(x=>x.j2s2_7==1)) &&
parcelroster.Any(p=>p.plotroster_s2.Where(z=>IsAnswered(z.j2s2_10)).Any(x=>x.j2s2_10==2)))
```

[5] : PARCEL

Enablement Condition:

```
parcelroster.Any(p=>p.plotroster_s2.Where(z=>z.j2s2_7!=null).Any(x=>x.j2s2_7==1)) &&
parcelroster.Any(p=>p.plotroster_s2.Where(z=>z.j2s2_9!=null).Any(x=>x.j2s2_9==2))
```

||

```
parcelroster.Any(p=>p.plotroster_s2.Where(z=>z.j2s2_7!=null).Any(x=>x.j2s2_7==1)) &&
parcelroster.Any(p=>p.plotroster_s2.Where(z=>z.j2s2_10!=null).Any(x=>x.j2s2_10==2))
```

[6] : CROP

Enablement Condition:

```
parcelroster2.Any(p=>p.plotroster2_s2.Where(x=>x.j2s2_7==1 && x.j2s2_9!=null && x.j2s2_9==2)
).Any(c=>c.k1s2_6!=null && c.k1s2_6.Contains(@rowcode)))
||
parcelroster2.Any(p=>p.plotroster2_s2.Where(x=>x.j2s2_7==1 && x.j2s2_10!=null && x.j2s2_10==2)
).Any(c=>c.k1s2_6!=null && c.k1s2_6.Contains(@rowcode)))
```

[7] : PLOT

Enablement Condition:

```
plotroster_s2[@rowcode].j2s2_9!=null
?
plotroster_s2[@rowcode].j2s2_7==1 &&
plotroster_s2[@rowcode].j2s2_9==2
: true
```

||

```
plotroster_s2[@rowcode].j2s2_10!=null
?
plotroster_s2[@rowcode].j2s2_7==1 &&
plotroster_s2[@rowcode].j2s2_10==2
```

: true

[8] : Plot

Enablement Condition:

```
(plotroster_s1[@rowcode].j2s1_7==2 &&
plotroster_s1[@rowcode].j2s1_10==2)
```

||

```
(plotroster_s1[@rowcode].j2s1_7.InList(5,6) &&
```

```

plotroster_s1[@rowcode].IsAnswered(j2s1_9) &&
plotroster_s1[@rowcode].j2s1_9==1 &&
plotroster_s1[@rowcode].j2s1_10==2 )

```

[9] : Plot

Enablement Condition:

```

(plotroster_s2[@rowcode].j2s2_7==2 &&
plotroster_s2[@rowcode].j2s2_10==2 )

```

```

||

(plotroster_s2[@rowcode].j2s2_7.InList(5,6) &&
plotroster_s2[@rowcode].IsAnswered(j2s2_9) &&
plotroster_s2[@rowcode].j2s2_9==1 &&
plotroster_s2[@rowcode].IsAnswered(j2s2_10) &&
plotroster_s2[@rowcode].j2s2_10==2 )

```

[10] : CROP

Enablement Condition:

```

parcelroster3.Any(p=>p.treeroster1.Where(x=>x.j2s1_10==2 && x.j2s1_7==2).Any(c=>c.k2s1_5!=null &&
c.k2s1_5.Contains(@rowcode)))
||
parcelroster4.Any(p=>p.treeroster2.Where(x=>x.j2s2_10==2 && IsAnswered(x.j2s2_10) &&
x.j2s2_7==2).Any(c=>c.k2s2_5!=null && c.k2s2_5.Contains(@rowcode)))
||
parcelroster6.Any(p=>p.plotroster3_s2.Where(x=>x.j2s2_10==2 && IsAnswered(x.j2s2_10) && IsAnswered(x.j2s2_9) &&
x.j2s2_9==1 && x.j2s2_7==1).Any(c=>c.k3s2_29!=null && c.k3s2_29.Contains(@rowcode)))
||
parcelroster5.Any(p=>p.plotroster3_s1.Where(x=>x.j2s1_10==2 && IsAnswered(x.j2s1_9) && x.j2s1_9==1 &&
x.j2s1_7==1).Any(c=>c.k3s1_29!=null && c.k3s1_29.Contains(@rowcode)))

```

[11] : Inputs

Enablement Condition:

```

(parcelroster1.Any(p=>p.plotroster2_s1.Where(x=>x.j2s1_7==1 && x.j2s1_9==2 && x.j2s1_10==2 &&
IsAnswered(x.k1s1_6)).Any(c=>c.k1s1_6.Contains(@rowcode))))
||
(parcelroster1.Any(p=>p.plotroster2_s1.Where(x=>x.j2s1_7==1 && x.j2s1_9==2 && x.j2s1_10==2 &&
IsAnswered(x.k1s1_11)).Any(c=>c.k1s1_11.Contains(@rowcode))))
||
(parcelroster1.Any(p=>p.plotroster2_s1.Where(x=>x.j2s1_7==1 && x.j2s1_9==2 && x.j2s1_10==2 &&
IsAnswered(x.k1s1_15)).Any(c=>c.k1s1_15.Contains(@rowcode))))
||
(parcelroster1.Any(p=>p.plotroster2_s1.Where(x=>x.j2s1_7==1 && x.j2s1_9==2 && x.j2s1_10==2 &&
IsAnswered(x.k1s1_19)).Any(c=>c.k1s1_19.Contains(@rowcode))))
||
(parcelroster2.Any(p=>p.plotroster2_s2.Where(x=>x.j2s2_7==1 && x.j2s2_9!=null && x.j2s2_9==2 &&
IsAnswered(x.k1s2_6)).Any(c=>c.k1s2_6.Contains(@rowcode))))
||
(parcelroster2.Any(p=>p.plotroster2_s2.Where(x=>x.j2s2_7==1 && x.j2s2_10!=null && x.j2s2_10==2 &&
IsAnswered(x.k1s2_6)).Any(c=>c.k1s2_6.Contains(@rowcode))))
||
(parcelroster2.Any(p=>p.plotroster2_s2.Where(x=>x.j2s2_7==1 && x.j2s2_9!=null && x.j2s2_9==2 &&
IsAnswered(x.k1s2_11)).Any(c=>c.k1s2_11.Contains(@rowcode))))
||
(parcelroster2.Any(p=>p.plotroster2_s2.Where(x=>x.j2s2_7==1 && x.j2s2_10!=null && x.j2s2_10==2 &&
IsAnswered(x.k1s2_11)).Any(c=>c.k1s2_11.Contains(@rowcode))))
||
(parcelroster2.Any(p=>p.plotroster2_s2.Where(x=>x.j2s2_7==1 && x.j2s2_9!=null && x.j2s2_9==2 &&
IsAnswered(x.k1s2_15)).Any(c=>c.k1s2_15.Contains(@rowcode))))
||
(parcelroster2.Any(p=>p.plotroster2_s2.Where(x=>x.j2s2_7==1 && x.j2s2_10!=null && x.j2s2_10==2 &&
IsAnswered(x.k1s2_15)).Any(c=>c.k1s2_15.Contains(@rowcode))))
||
(parcelroster2.Any(p=>p.plotroster2_s2.Where(x=>x.j2s2_7==1 && x.j2s2_9!=null && x.j2s2_9==2 &&
IsAnswered(x.k1s2_19)).Any(c=>c.k1s2_19.Contains(@rowcode))))
||
(parcelroster2.Any(p=>p.plotroster2_s2.Where(x=>x.j2s2_7==1 && x.j2s2_10!=null && x.j2s2_10==2 &&
IsAnswered(x.k1s2_19)).Any(c=>c.k1s2_19.Contains(@rowcode))))
||
(parcelroster3.Any(p=>p.treeroster1.Where(x=>x.j2s1_7==2 && x.j2s1_10==2 &&
IsAnswered(x.k2s1_5)).Any(c=>c.k2s1_5.Contains(@rowcode))))
||
(parcelroster3.Any(p=>p.treeroster1.Where(x=>x.j2s1_7==2 && x.j2s1_10==2 &&
IsAnswered(x.k2s1_14)).Any(c=>c.k2s1_14.Contains(@rowcode))))
||
(parcelroster3.Any(p=>p.treeroster1.Where(x=>x.j2s1_7==2 && x.j2s1_10==2 &&
IsAnswered(x.k2s1_18)).Any(c=>c.k2s1_18.Contains(@rowcode))))
||
(parcelroster3.Any(p=>p.treeroster1.Where(x=>x.j2s1_7==2 && x.j2s1_10==2 &&
IsAnswered(x.k2s1_44)).Any(c=>c.k2s1_44.Contains(@rowcode))))
||
(parcelroster4.Any(p=>p.treeroster2.Where(x=>x.j2s2_7==2 && IsAnswered(x.j2s2_10) && x.j2s2_10==2 &&
IsAnswered(x.k2s2_5)).Any(c=>c.k2s2_5.Contains(@rowcode))))
||

```

```

(parcelroster4.Any(p=>p.treeroster2.Where(x=>x.j2s2_7==2 && IsAnswered(x.j2s2_10) && x.j2s2_10==2 &&
IsAnswered(x.k2s2_14)).Any(c=>c.k2s2_14.Contains(@rowcode)))
||
(parcelroster4.Any(p=>p.treeroster2.Where(x=>x.j2s2_7==2 && IsAnswered(x.j2s2_10) && x.j2s2_10==2 &&
IsAnswered(x.k2s2_18)).Any(c=>c.k2s2_18.Contains(@rowcode)))
||
(parcelroster4.Any(p=>p.treeroster2.Where(x=>x.j2s2_7==2 && IsAnswered(x.j2s2_10) && x.j2s2_10==2 &&
IsAnswered(x.k2s2_44)).Any(c=>c.k2s2_44.Contains(@rowcode)))
||
(parcelroster5.Any(p=>p.plotroster3_s1.Where(x=>x.j2s1_7==1 && x.j2s1_9==1 && x.j2s1_10==2 &&
IsAnswered(x.k3s1_6)).Any(c=>c.k3s1_6.Contains(@rowcode)))
||
(parcelroster5.Any(p=>p.plotroster3_s1.Where(x=>x.j2s1_7==1 && x.j2s1_9==1 && x.j2s1_10==2 &&
IsAnswered(x.k3s1_29)).Any(c=>c.k3s1_29.Contains(@rowcode)))
||
(parcelroster5.Any(p=>p.plotroster3_s1.Where(x=>x.j2s1_7==1 && x.j2s1_9==1 && x.j2s1_10==2 &&
IsAnswered(x.k3s1_55)).Any(c=>c.k3s1_55.Contains(@rowcode)))
||
(parcelroster5.Any(p=>p.plotroster3_s1.Where(x=>x.j2s1_7==1 && x.j2s1_9==1 && x.j2s1_10==2 &&
IsAnswered(x.k3s1_59)).Any(c=>c.k3s1_59.Contains(@rowcode)))
||
(parcelroster5.Any(p=>p.plotroster3_s1.Where(x=>x.j2s1_7==1 && x.j2s1_9==1 && x.j2s1_10==2 &&
IsAnswered(x.k3s1_63)).Any(c=>c.k3s1_63.Contains(@rowcode)))
||
(parcelroster6.Any(p=>p.plotroster3_s2.Where(x=>x.j2s2_7==1 && IsAnswered(x.j2s2_9) && x.j2s2_9==1 &&
IsAnswered(x.j2s2_10) && x.j2s2_10==2 && IsAnswered(x.k3s2_06)).Any(c=>c.k3s2_06.Contains(@rowcode)))
||
(parcelroster6.Any(p=>p.plotroster3_s2.Where(x=>x.j2s2_7==1 && IsAnswered(x.j2s2_9) && x.j2s2_9==1 &&
IsAnswered(x.j2s2_10) && x.j2s2_10==2 && IsAnswered(x.k3s2_29)).Any(c=>c.k3s2_29.Contains(@rowcode)))
||
(parcelroster6.Any(p=>p.plotroster3_s2.Where(x=>x.j2s2_7==1 && IsAnswered(x.j2s2_9) && x.j2s2_9==1 &&
IsAnswered(x.j2s2_10) && x.j2s2_10==2 && IsAnswered(x.k3s2_55)).Any(c=>c.k3s2_55.Contains(@rowcode)))
||
(parcelroster6.Any(p=>p.plotroster3_s2.Where(x=>x.j2s2_7==1 && IsAnswered(x.j2s2_9) && x.j2s2_9==1 &&
IsAnswered(x.j2s2_10) && x.j2s2_10==2 && IsAnswered(x.k3s2_59)).Any(c=>c.k3s2_59.Contains(@rowcode)))
||
(parcelroster6.Any(p=>p.plotroster3_s2.Where(x=>x.j2s2_7==1 && IsAnswered(x.j2s2_9) && x.j2s2_9==1 &&
IsAnswered(x.j2s2_10) && x.j2s2_10==2 && IsAnswered(x.k3s2_63)).Any(c=>c.k3s2_63.Contains(@rowcode)))
||
(parcelroster7.Any(p=>p.plotroster5_s1.Where(x=>x.j2s1_10==1 &&
IsAnswered(x.k4s1_1)).Any(c=>c.k4s1_1.Contains(@rowcode)))
||
(parcelroster7.Any(p=>p.plotroster5_s1.Where(x=>x.j2s1_10==1 &&
IsAnswered(x.k4s1_5)).Any(c=>c.k4s1_5.Contains(@rowcode)))
||
(parcelroster7.Any(p=>p.plotroster5_s1.Where(x=>x.j2s1_10==1 &&
IsAnswered(x.k4s1_7)).Any(c=>c.k4s1_7.Contains(@rowcode)))
||
(parcelroster8.Any(p=>p.plotroster5_s2.Where(x=>x.j2s2_10==1 && IsAnswered(x.j2s2_10) &&
IsAnswered(x.k4s2_1)).Any(c=>c.k4s2_1.Contains(@rowcode)))
||
(parcelroster8.Any(p=>p.plotroster5_s2.Where(x=>x.j2s2_10==1 && IsAnswered(x.j2s2_10) &&
IsAnswered(x.k4s2_5)).Any(c=>c.k4s2_5.Contains(@rowcode)))
||
(parcelroster8.Any(p=>p.plotroster5_s2.Where(x=>x.j2s2_10==1 && IsAnswered(x.j2s2_10) &&
IsAnswered(x.k4s2_7)).Any(c=>c.k4s2_7.Contains(@rowcode)))

```

APPENDIX B — VALIDATION CONDITIONS AND MESSAGES

[1] b03: B03. What is %rosteritle%'s relationship to the household head?

Validation Condition:

```
/// Checks only one household head is listed
self==1? /// Is this person the household head?
/// If household head, check that there has
/// not been another household head reported
(hhroster.Count(x=>x.b03==1)==1)
/// If not a household head, then no error
:true
```

Validation Message: There must be only one person in the household designated as head.

Validation Condition:

```
/// This code checks that the head and his/her spouse are not of the same gender
(b03== 1 && (hhroster.Count (x=>x.b03 ==2 && x.b02==b02) ==0)) ||
(b03== 2 && (hhroster.Count (x=>x.b03==1 && x.b02==b02) ==0)) ||
(b03 >2 || b03 == null)
```

Validation Message: It is unlikely that the head and his/her spouse have the same sex. Please confirm.

Validation Condition:

```
hhroster.All(x=>x.b03!=null) ?
!(hhroster.Count(x=>x.b03==1)==0) : true
```

Validation Message: There must be at least one household head in the household. You have answered this question for all members of the household but no household head indicated. Please check.

[2] b04a: B04a.How old is %rosteritle%?

Validation Condition:

```
b04a.InRange(0,120)
```

Validation Message: Reported age is unlikely. Please check and/or confirm.

Validation Condition:

```
(b03 == 9 && b04a > 36) || b03 != 9
```

Validation Message: Grandparent of household head should be older than 35. Please check and/or confirm.

Validation Condition:

```
b03==5 && hhroster.Count(x=>x.b03==1 &&
(b04a-x.b04a<=14))==0
```

```
||
```

```
b03==1 && hhroster.Count(x=>x.b03==5 &&
(x.b04a-b04a<=14))==0
```

```
||
```

```
(
!b03.InList(1,5)
||
b03==1 && b02==null
||
b03==5 && b02==null
)
```

Validation Message: Age difference between head and his/her parent seems to be too little. Please check and/or confirm.

Validation Condition:

```
(b03 == 5 && b04a > 24) || b03 != 5
```

Validation Message: Person (%rosteritle%) seems too young to be the parent of household head. Please check and/or confirm.

Validation Condition:

```
(b03 == 1 && b04a >= 12) || b03 != 1
```

Validation Message: Household head is supposed to be an adult at least 12 years old, yet %rosteritle% is %b04a%. Please check and/or confirm.

Validation Condition:

```
(b03 == 2 && self >= 12) || b03 != 2
```

Validation Message: Person (%rosteritle%) seems to be too young to be married/partnered with household head. Please check and/or confirm.

Validation Condition:

```
(b03==3 &&
(hhroster.Count(x=>x.b03==1 && x.b02==1 &&
(x.b04a-b04a<=14))==0)) &&
(hhroster.Count(x=>x.b03==1 && x.b02==2 &&
(x.b04a-b04a<=12))==0))
```

```
||
```

```
(b03==1 && b02==1 && (hhroster.Count(x=>x.b03==3 &&
(b04a-x.b04a<=14))==0))
```

```
||
```

```
(b03==1 && b02==2 && (hroster.Count(x=>x.b03==3 &&
(b04a-x.b04a<=12))==0))
```

```
||
```

```
(
    !b03.InList(1,3)
    ||
    b03==1 && b02==null
    ||
    b03==3 && b02==null
)
```

Validation Message: Age difference between head and his/her child is less than 12 years. Please check and/or confirm.

[3] [d06: D06. HEIGHT / LENGTH OF CHILD](#)

Validation Condition:

```
/// Calculates the z score for the height/length for age for this
/// person to spot large outliers in height/length. The range is +/- 3 z scores
((double?) ZScore.Lhfa(agemonths, b02==1, self)).InRange(-3,3)
```

Validation Message: The height recorded for this child seems to be unlikely. Please confirm that the correct height was recorded for this child.

APPENDIX C — INSTRUCTIONS

[1] [contact_1name](#): What is the name of a person in this village who we can contact if we cannot contact you in the future?

Enumerator: please remind that the farm household might be interviewed again over the next years, and thus having a way to contact them in the future is critical to the success of the survey. We are going to ask them for two people who can be contacted in the future should the family move from the village. If you left this place, who would be the most likely people to know where you are?

APPENDIX D — CATEGORIES

[1] [jamoat: Jamoat](#)

Categories: 1: Baljuvon, 2: Tojikiston, 3: Korez, 4: Lolazor, 5: Named after Ismat Sharifov, 6: Oksu, 7: Pushing, 8: Sangtuda, 9: Sebiston, 10: 20 sol agii Istiqloliyat, 11: Darkand, 12: Dehqonarik, 13: Farkhor, 14: Galaba, 15: Gayrat, 16: Gulshan, 17: Vatan, 18: Zafar, 19: Chubek, 20: Dashtigulo, 21: Mehnatobod, 22: Panjob, 23: Panjrud, 24: Qahramon, 25: Turdiev, 26: Lohuti, 27: Sariosiyob, 28: Dahana, 29: Kulob, 30: Zarbdor, 31: Ziraki, 32: Balkhobi, 33: Boggai, 34: Dehibaland, 35: N. Nazarov, 36: Sh. Shohin, 37: Dashti Jum, 38: Sarichashma, 39: Shurobod, 40: Yol, 41: Kangurt, 42: L. Karmishev, 43: S. Rahimov, 44: Tanobchi, 45: A. Rudaki, 46: Abdi Avazov, 47: Guliston, 48: Kh. Rajabov, 49: M. Mahmatali, 50: M. Vaysov, 51: Tugarak

[2] [village: Village](#)

Categories: 1: Baljuvon, 2: Shaidi bobokhon, 3: Solmolidasht, 4: Gargara, 5: Chorsada-2, 6: Dashtak, 7: Ostona, 8: Bulishi bolo, 9: Bulyoni poyon, 10: Fayzbakhsh, 11: Mekhtor, 12: Safobakhsh, 13: Alijon, 14: Gizovak, 15: Parkamchi, 16: Pushing, 17: Guliston, 18: Kalkot, 19: Roziyon, 20: Fayzobod, 21: Navruz, 22: Bunafsha, 23: Buston, 24: Mehrobod, 25: Muhijirobod, 26: Sharif, 27: Archa, 28: Obshoron, 29: S. R. Afardi, 30: Alovuddin, 31: Itifoq, 32: Khuramzamin, 33: Shaftolubog, 34: N. Safarov, 35: Surkhob, 36: B. Davlat, 37: Fozilon, 38: Hayoti Nav, 39: Nekmanzor, 40: Tojikiston 1, 41: Tojikiston 2, 42: Bobosafol, 43: Davlatobod, 44: Kuhanduier, 45: Kuhdoman, 46: Lolazor, 47: Navobodi bolo, 48: Sakhovat, 49: Somonchi, 50: Oroniyon, 51: Dashtigulo, 52: Dusti, 53: Panjob, 54: Anjirkon, 55: Safedob, 56: Darai Kalot, 57: Iqbol, 58: Sayod, 59: Somoniyon, 60: Lohuti, 61: Sangrezgi, 62: Sariosiyob, 63: Dahana, 64: Gulteppa, 65: Kalot, 66: Khonobod, 67: Khuchacharkhi, 68: Kul, 69: Lavova, 70: Miropak, 71: Navobod, 72: Olt ovul, 73: Sari Jar, 74: Tanyol, 75: Tokakapa, 76: Yohsuchiyon, 77: Tudakavsh, 78: Andarob, 79: Margak, 80: Panjosiyobi bolo, 81: Panjosiyobi poyon, 82: Zarbdor, 83: Khojaishoq, 84: Korezi poyon, 85: Otbliko, 86: Pistamazor, 87: Zarqal'a, 88: Ziraki, 89: Bogi habib, 90: Olimtoi, 91: Tebalai, 92: Tuto, 93: Navbahor, 95: Hanatarosh, 96: Shahrinavi bolo, 97: Shahrinavi poyon, 98: Tutkavul, 99: Dehlolo, 100: Gesh, 101: Ghoflobod, 102: Kulichashma, 103: J. Rumi, 104: Kuldamon, 105: Obodon, 106: Dashti Jum, 107: Shohon, 108: Arabo, 109: Chilga, 110: Mirzoli, 111: Nosir bobo, 112: Odinaboi, 113: Sarichashma, 114: Sartangi, 115: Sh. Zokir, 116: Sino, 117: Khirmanjo, 118: Kisht, 119: Davlatshoyon, 120: Guzori tor, 121: Kangurt, 122: Obi shirin, 123: Safarboyon, 124: Bachamazor, 125: Gurildi, 126: Khushkiyai poyon, 127: Kiblai, 128: Kushkiyai bolo, 129: Kushkiyai miyona, 130: Mamurdoshta, 131: Sartezi, 132: Tulkibulok, 133: Bulakdasht, 134: Burdangal, 135: Davad, 136: Hasanbegi, 137: Kazok, 138: Bahmanrud, 139: Jairali, 140: Sitorai tobon, 141: Tanobchii bolo, 142: Tanobchii miyona, 143: Tanobchii poyon, 144: Mehnatobod, 145: Boronkul, 146: Chorodoron, 147: Gulobod, 148: Istiklol, 149: S. Sharif, 150: Zafarobod, 151: Chanor, 152: Gelot, 153: Kaftarkhona, 154: Kuchabog, 155: Osmonbikka, 156: Pushiyoni miyona, 157: Aral, 158: Hulbek, 159: Selbur, 160: Taskala, 161: Tugay, 162: Zardolubog, 163: Zarkamar, 164: Bahoriston, 165: Chorobog, 166: H. Barot, 167: Kaduchi, 168: Kaynar, 169: Chordara, 170: H. Kurbon, 171: Ibrat, 173: Khojamumin, 174: R. Fayzov, 175: Shobikai bolo, 176: Sulhobod, 177: Tugarak

[3] [f01: F01. Does your household currently own the following items:](#)

Categories: 101: Gas oven and/or electric oven, 102: Stove, 103: Outdoor metal stove, 104: Tandor/Earthen stove (bricks, grass, dung, sand), 105: Sandalee, 106: Generator, 107: Refrigerator, 108: Freezer, 109: Washing machine, 110: Electric iron, 111: Vacuum cleaner, 112: Air conditioner, 113: Electric fan, 114: Electric room heater, 115: Water boiler, 116: Microwave oven, 117: Colour television, 118: TV black and white, 119: Radio, 120: Stereo/ CD-Player, 121: Computer, 122: Satellite dish, 123: Video camera, 124: Motorcycle/scooter, 125: Car, 126: Truck, 127: Bicycle

[4] [cattlebreed: What breeds are the CATTLE owned?](#)

Categories: 1: HOLSTEIN FRISIAN, 2: SIMMENTAL, 3: BROWN SWISS, 4: KAZAKH WHITE, 5: BLACK MOTLEY, 6: Shvitse Zebuvidnyi skot, 7: ALA-TAU, 8: ABERDEEN ANGUS, 9: KALMYK, 10: KHOLMOGOSRKIY, 11: OSTFRIZ, 12: Sredneaziatskii Zebu, 13: Schwitz, 14: TSSHZ-1, 15: LOCAL BREED, 16: IMPROVED BREED, 17: HYBRID BREED

[5] [sheepbreed: What breeds are the SHEEP owned?](#)

Categories: 1: Argali, 2: Array of fine-fleeced, 3: Darvazskaya, 4: Dzhaidara, 5: Gissarian, 6: Gornodarvazskaya Myasosherstnaya Porodnaya Gruppya, 7: Karakul, 8: Larvaz, 9: Lincoln, 10: Marco Polo's Sheep, 11: Pamir Finewool, 12: Pamirskaya, 13: Romanovskiy, 14: Sarajin, 15: Tadzhikskaya, 16: Urial, 17: LOCAL BREED, 18: IMPROVED BREED, 19: HYBRID BREED

[6] [i5_1a: i5_1a. Which feed resources did you use for %rosteritle% during the last <u>summer season</u>?](#)

Categories: 1: PASTURE / NATURAL GRASS, 2: STANDING HAY, 3: FODDER FROM TREES, 4: STOVER, 5: GRASS, 6: STRAW, 7: GROUNDNUT HAY, 8: COWPEA HAY, 9: PIGEON PEA FODDER, 10: CAKE (GROUNDNUT, COTTON, SESAME), 11: CEREAL BRANS, 12: CEREAL GRAINS, 13: COTTON SEED, 14: KITCHEN LEFTOVERS, 15: HAY, 16: COMBINED FODDER, 999: OTHER (SPECIFY)

[7] [i5_1b: i5_1b. Which feed resources did you use for %rosteritle% during the last <u>winter season</u>?](#)

Categories: 1: PASTURE / NATURAL GRASS, 2: STANDING HAY, 3: FODDER FROM TREES, 4: STOVER, 5: GRASS, 6: STRAW, 7: GROUNDNUT HAY, 8: COWPEA HAY, 9: PIGEON PEA FODDER, 10: CAKE (GROUNDNUT, COTTON, SESAME), 11: CEREAL BRANS, 12: CEREAL GRAINS, 13: COTTON SEED, 14: KITCHEN LEFTOVERS, 15: HAY, 16: COMBINED FODDER, 999: OTHER (SPECIFY)

[8] [k1s1_6: K1S1_6. Which ANNUAL crops were planted on %plotroster2_s1% during %season1%?](#)

Categories: 301: Cucumbers, 302: Eggplant, 303: Wheat, 304: Coliflower, 305: Other legumes, 306: Linen, 307: Spices, 308: Zucchini, 309: Pumpkin, 310: Paprika, 311: Cabbage, 312: Potatoes, 313: Sesame, 314: Pepper, 315: Beetroot, 316: Beans, 317: Flax, 318: Mung bean, 319: Other types of vegetables, 320: Lentils, 321: Peas, 322: Sunflower, 323: Cotton, 324: Onions, 325: Tomatoes, 326: Carrot, 327: Garlic, 328: Soybean, 329: Tobacco, 330: Melons, 331: Watermelon, 332: Peanut, 333: Spring rye, 334: Winter rye, 335: Spring burley, 336: Winter barley, 337: Oats, 338: Corn, 339: Rice, 999: OTHER

[9] [k3s1_6: K3S1_6. Which ANNUAL crops were planted on %plotroster3_s1% during %season1%?](#)

Categories: 301: Cucumbers, 302: Eggplant, 303: Wheat, 304: Coliflower, 305: Other legumes, 306: Linen, 307: Spices, 308: Zucchini, 309: Pumpkin, 310: Paprika, 311: Cabbage, 312: Potatoes, 313: Sesame, 314: Pepper, 315: Beetroot, 316: Beans, 317: Flax, 318: Mung bean, 319: Other types of vegetables, 320: Lentils, 321: Peas, 322: Sunflower, 323: Cotton, 324: Onions, 325: Tomatoes, 326: Carrot, 327: Garlic, 328: Soybean, 329: Tobacco, 330: Melons, 331: Watermelon, 332: Peanut, 333: Spring rye, 334: Winter rye, 335: Spring burley, 336: Winter barley, 337: Oats, 338: Corn, 339: Rice, 999: OTHER

[10] [k3s1_29: K3S1_29. Which trees / permanent crops were harvested from %plotroster3_s1% from October 2016 to November 2017?](#)

Categories: 401: Grapes, 402: Garnet, 403: Figs, 404: Orange, 405: Quince, 406: Almond, 407: Cherries, 408: Apricots, 409: Lemon, 410: Pears, 411: Plum, 412: Pistachio, 413: Apples, 414: Mallberry, 415: Persimmon, 416: Nuts, 417: Peaches, 1000: OTHER (SPECIFY)

- [11] [k3s2_06: K3S2_06. Which ANNUAL crops were planted on %plotroster3_s2% during %season2%?](#)
 Categories: 301: Cucumbers, 302: Eggplant, 303: Wheat, 304: Coliflower, 305: Other legumes, 306: Linen, 307: Spices, 308: Zucchini, 309: Pumpkin, 310: Paprika, 311: Cabbage, 312: Potatoes, 313: Sesame, 314: Pepper, 315: Beetroot, 316: Beans, 317: Flax, 318: Mung bean, 319: Other types of vegetables, 320: Lentils, 321: Peas, 322: Sunflower, 323: Cotton, 324: Onions, 325: Tomatoes, 326: Carrot, 327: Garlic, 328: Soybean, 329: Tobacco, 330: Melons, 331: Watermelon, 332: Peanut, 333: Spring rye, 334: Winter rye, 335: Spring burley, 336: Winter barley, 337: Oats, 338: Corn, 339: Rice, 999: OTHER
- [12] [k3s2_29: K3S2_29. Which trees / permanent crops were harvested from %plotroster3_s2% from October 2016 to November 2017?](#)
 Categories: 401: Grapes, 402: Garnet, 403: Figs, 404: Orange, 405: Quince, 406: Almond, 407: Cherries, 408: Apricots, 409: Lemon, 410: Pears, 411: Plum, 412: Pistachio, 413: Apples, 414: Mallberry, 415: Persimmon, 416: Nuts, 417: Peaches, 1000: OTHER (SPECIFY)
- [13] [k1s2_6: K1S2_6. Which ANNUAL crops were planted on %rosteritle% during %season2%?](#)
 Categories: 301: Cucumbers, 302: Eggplant, 303: Wheat, 304: Coliflower, 305: Other legumes, 306: Linen, 307: Spices, 308: Zucchini, 309: Pumpkin, 310: Paprika, 311: Cabbage, 312: Potatoes, 313: Sesame, 314: Pepper, 315: Beetroot, 316: Beans, 317: Flax, 318: Mung bean, 319: Other types of vegetables, 320: Lentils, 321: Peas, 322: Sunflower, 323: Cotton, 324: Onions, 325: Tomatoes, 326: Carrot, 327: Garlic, 328: Soybean, 329: Tobacco, 330: Melons, 331: Watermelon, 332: Peanut, 333: Spring rye, 334: Winter rye, 335: Spring burley, 336: Winter barley, 337: Oats, 338: Corn, 339: Rice, 999: OTHER (SPECIFY)
- [14] [k2s1_5: K2S1_5. Which trees / permanent crops were harvested from %treeroster1% from October 2016 to November 2017?](#)
 Categories: 401: Grapes, 402: Garnet, 403: Figs, 404: Orange, 405: Quince, 406: Almond, 407: Cherries, 408: Apricots, 409: Lemon, 410: Pears, 411: Plum, 412: Pistachio, 413: Apples, 414: Mallberry, 415: Persimmon, 416: Nuts, 417: Peaches, 501: Berries, 502: Dog rose, 503: Alfalfa, 1000: OTHER (SPECIFY)
- [15] [k2s2_5: K2S2_5. Which trees / permanent crops were harvested from %treeroster2% from October 2016 to November 2017?](#)
 Categories: 401: Grapes, 402: Garnet, 403: Figs, 404: Orange, 405: Quince, 406: Almond, 407: Cherries, 408: Apricots, 409: Lemon, 410: Pears, 411: Plum, 412: Pistachio, 413: Apples, 414: Mallberry, 415: Persimmon, 416: Nuts, 417: Peaches, 501: Berries, 502: Dog rose, 503: Alfalfa, 1000: OTHER (SPECIFY)
- [16] [k4s1_1: K4S1_1. Which crops/trees are planted on %plotroster5_s1%?](#)
 Categories: 301: Cucumbers, 302: Eggplant, 303: Wheat, 304: Coliflower, 305: Other legumes, 306: Linen, 307: Spices, 308: Zucchini, 309: Pumpkin, 310: Paprika, 311: Cabbage, 312: Potatoes, 313: Sesame, 314: Pepper, 315: Beetroot, 316: Beans, 317: Flax, 318: Mung bean, 319: Other types of vegetables, 320: Lentils, 321: Peas, 322: Sunflower, 323: Cotton, 324: Onions, 325: Tomatoes, 326: Carrot, 327: Garlic, 328: Soybean, 329: Tobacco, 330: Melons, 331: Watermelon, 332: Peanut, 333: Spring rye, 334: Winter rye, 335: Spring burley, 336: Winter barley, 337: Oats, 338: Corn, 339: Rice, 401: Grapes, 402: Garnet, 403: Figs, 404: Orange, 405: Quince, 406: Almond, 407: Cherries, 408: Apricots, 409: Lemon, 410: Pears, 411: Plum, 412: Pistachio, 413: Apples, 414: Mallberry, 415: Persimmon, 416: Nuts, 417: Peaches, 1001: OTHER
- [17] [k4s2_1: K4S2_1. Which crops/trees are planted on %plotroster5_s2%?](#)
 Categories: 301: Cucumbers, 302: Eggplant, 303: Wheat, 304: Coliflower, 305: Other legumes, 306: Linen, 307: Spices, 308: Zucchini, 309: Pumpkin, 310: Paprika, 311: Cabbage, 312: Potatoes, 313: Sesame, 314: Pepper, 315: Beetroot, 316: Beans, 317: Flax, 318: Mung bean, 319: Other types of vegetables, 320: Lentils, 321: Peas, 322: Sunflower, 323: Cotton, 324: Onions, 325: Tomatoes, 326: Carrot, 327: Garlic, 328: Soybean, 329: Tobacco, 330: Melons, 331: Watermelon, 332: Peanut, 333: Spring rye, 334: Winter rye, 335: Spring burley, 336: Winter barley, 337: Oats, 338: Corn, 339: Rice, 401: Grapes, 402: Garnet, 403: Figs, 404: Orange, 405: Quince, 406: Almond, 407: Cherries, 408: Apricots, 409: Lemon, 410: Pears, 411: Plum, 412: Pistachio, 413: Apples, 414: Mallberry, 415: Persimmon, 416: Nuts, 417: Peaches, 1001: OTHER
- [18] [l2_1: L2_1. Does your household currently own the following items:](#)
 Categories: 801: Hand hoe, 802: Slasher, 803: Axe, 804: Sprayer, 805: Sickle, 806: Treadle pump, 807: Watering can, 808: Ox cart, 809: Ox Plough, 810: Ridger, 811: Cultivator, 812: Motorised pump, 813: Grain mill, 814: Tractor/tiller, 815: Livestock stall, 816: Poultry cage, 817: Storage House, 818: Granary, 819: Barn

APPENDIX E — VARIABLES

[1] [stand_harvestcrops3:](#)

```
parcelroster3.Sum(x=>x.treeroster1.Where(p=>p.k2s1_5!=null &&
p.k2s1_5.Contains(@rowcode)).Sum(y=>y.roster_perencrop1[@rowcode].stand_harvests3)) +
parcelroster4.Sum(x=>x.treeroster2.Where(p=>p.k2s2_5!=null &&
p.k2s2_5.Contains(@rowcode)).Sum(y=>y.roster_perencrop2[@rowcode].stand_harvests4)) +
parcelroster6.Sum(x=>x.plotroster3_s2.Where(p=>p.k3s2_29!=null &&
p.k3s2_29.Contains(@rowcode)).Sum(y=>y.roster_perencrop4[@rowcode].stand_harvests8)) +
parcelroster5.Sum(x=>x.plotroster3_s1.Where(p=>p.k3s1_29!=null &&
p.k3s1_29.Contains(@rowcode)).Sum(y=>y.roster_perencrop3[@rowcode].stand_harvests6))
```

APPENDIX F — CATEGORIES FILTERS

[1] [i7_2: I7_2. What kind of disease did affect your %rosterite% in 2017?](#)

```
(@rowcode==1 && ((int?)optioncode).InList(1,2,3,4,5,6,7) || @rowcode==2 && ((int?)optioncode).InList(1,2,3,4,5,7,8,9) || @rowcode==3 && ((int?)optioncode).InList(1,2,3,4,5,7,8,9) || @rowcode==6 && ((int?)optioncode).InList(10,11)) || @optioncode==999 || @optioncode==1000 || @optioncode==1001
```

LEGEND

Legend and structure of information in this file

Name of section	Enabling condition for this section	Type of question, scope	Variable name
SECTION 5: OTHER INCOME SOURCES	E s4_other_sources_which.Contains(98)	Answer options	s4_re1_leaders_other
<p>Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur?</p> <p>I This refers to family relations E s3_time_other > 0 V1 s4_re1_leaders_which.Contains(98) M1 Can not be itself V2 (s3_time_other_breeding_advice <= (50 - s3_time_art_insem_advice)) s3_time_other_breeding_advice == 0 M2 This person is not in the list F optioncode != s5_ignored_option_code</p>	<p>MULTI-SELECT SCOPE: PREFILLED</p> <p>01 <input type="checkbox"/> Community animal health workers 02 <input type="checkbox"/> Private 03 <input type="checkbox"/> Government 04 <input type="checkbox"/> Livestock keepers association 05 <input type="checkbox"/> NGO</p> <p>And 5 other [13]</p>		
<p>Additional information:</p> <p>"I" – Question instruction "E" – Enabling condition "V1" – Validation condition N°1 "M1" – Message for validation N°1 "F" – Filter in Categorical questions</p>		Link to full set in appendix	

Breadcrumbs

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