

# Copy of LPDP\_Tajikistan\_IFAD\_v17

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## 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*

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**Basic information**

*Title* Copy of LPDP\_Tajikistan\_IFAD\_v17

[A.] COVER

District	<div>SINGLE-SELECT: COMBO BOX<div>SCOPE: IDENTIFYING</div><div><div>0101</div><div><input type="radio"/></div><div>Baljuvon</div></div><div><div>0201</div><div><input type="radio"/></div><div>Danghara</div></div><div><div>0301</div><div><input type="radio"/></div><div>Farkhor</div></div><div><div>0401</div><div><input type="radio"/></div><div>Hamadoni</div></div><div><div>0501</div><div><input type="radio"/></div><div>Khovaling</div></div><div><div>0601</div><div><input type="radio"/></div><div>Kulob</div></div><div><div>0701</div><div><input type="radio"/></div><div>Muminobod</div></div><div><div>0801</div><div><input type="radio"/></div><div>Shuroobod</div></div><div><div>0901</div><div><input type="radio"/></div><div>TemurmaliK</div></div><div><div>1001</div><div><input type="radio"/></div><div>Vose</div></div></div>
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district

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

E condition==1

**ENUMERATOR: PLEASE READ OUT:**

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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 01 <input type="radio"/> Yes 02 <input type="radio"/> No	consent
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ENUMERATOR: RECORD START DATE & TIME FOR <u>QUESTIONNAIRE</u>  E consent==1	DATE: CURRENT TIME .....	start_visitdate
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ENUMERATOR: RECORD CURRENT GPS LOCATION  E consent==1	GPS ..... N ..... ..... W ..... ..... A .....	start_location
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Treatment or Control	SINGLE-SELECT SCOPE: HIDDEN 01 <input type="radio"/> Treatment 00 <input type="radio"/> Control	treatment
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Full Name of household head  E consent==1	TEXT .....	hhname
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Name of respondent  E consent==1	TEXT .....	name_respond
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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?	<div>TEXT</div> <div>address_hh</div> <div>.....</div>
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 <a href="#">And 191 other symbols [1]</a>	<div>TEXT</div> <div>contact_1name</div> <div>.....</div>
What is your relationship to this person?	<div>SINGLE-SELECT</div> <div>contact_1rel</div> <div>01 <input type="radio"/> RELATIVE</div> <div>02 <input type="radio"/> FRIEND</div> <div>03 <input type="radio"/> NEIGHBOR</div> <div>04 <input type="radio"/> ACQUAINTANCE</div>
What is the telephone of this contact person?  I PLEASE INSERT 9-DIGITS. IF "DON'T KNOW" INSERT "888".	<div>TEXT</div> <div>contact_1infotel</div> <div>.....</div>
Could you provide the address of this person's dwelling or provide a landmark close to this person's dwelling to locate it?	<div>TEXT</div> <div>contact_1infoaddress</div> <div>.....</div>

[B.] HOUSEHOLD MEMBERS DETAILS

E consent==1

<div>STATIC TEXT</div> <div>           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 <u>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</u>, 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.         </div>	
B01. Please make a complete list of all individuals who are part of this household.	<div>LIST</div> <div>b01</div> <div>.....</div>

<div>[B.] HOUSEHOLD MEMBERS DETAILS</div> <div>Roster: HOUSEHOLD MEMBER DETAILS</div> <div>generated bylist question <a href="#">b01</a></div> <div>hhroster</div>	
B02. What is the gender of %hhroster%?	<div>SINGLE-SELECT</div> <div>b02</div> <div>01 <input type="radio"/> MALE</div> <div>02 <input type="radio"/> FEMALE</div>

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

SINGLE-SELECT b03

- 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

V1 /// Checks only one household head is listed self==1? //  
/ Is this person the household head? /// If household head,  
ad, check that there has /// not been another household  
head reported (hhroster.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 && (hhroster.Count (x=  
>x.b03 ==2 && x.b02==b02) ==0)) || (b03== 2 && (hhroster  
.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 hhroster.All(x=>x.b03!=null) ? !(hhroster.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.

**B04a.How old is %rosteritle%?**

NUMERIC: INTEGER b04a

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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 && hhroster.Count(x=>x.b03==1 && (b04a-x.b04a<=14  
)==0 || b03==1 && hhroster.Count(x=>x.b03==5 && (x.b  
04a-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. P  
lease 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 %r  
osteritle% 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 && (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.b0 [And 208 other symbols \[2\]](#))

M7 Age difference between head and his/her child is less than 12 years. Pl  
ease check and/or confirm.

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

NUMERIC: INTEGER b04b

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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

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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&gt;=15</p>	<p>SINGLE-SELECT <span style="float: right;">b06</span></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 <span style="float: right;">b06oth</span></p> <p>.....</p>
<p>B07. What is %rosteritle%'s ethnic group?</p> <p>E (b04a&gt;=15 &amp;&amp; b03==1)    (b04a&gt;=15 &amp;&amp; b03==2)    (b04a&gt;=15 &amp;&amp; b03==4)</p>	<p>SINGLE-SELECT <span style="float: right;">b07</span></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 <span style="float: right;">b07oth</span></p> <p>.....</p>
<p>B08. What religion, if any, does %rosteritle% practice?</p> <p>E b03&lt;=2</p>	<p>SINGLE-SELECT <span style="float: right;">b08</span></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 <span style="float: right;">b08oth</span></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&gt;=5</p>	<p>MULTI-SELECT: ORDERED <span style="float: right;">b09</span></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>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&gt;=5 &amp;&amp; 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>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>b10oth</p> <p>.....</p>
<p>B11. Does %rosteritle% live in this household now?</p>	<p>SINGLE-SELECT</p> <p>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>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>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>b13oth</p> <p>.....</p>
<p>VARIABLE</p> <p>(b04a*12)+b04b</p>	<p>LONG</p> <p>agemonths</p>

## [C.] EDUCATION

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

## Roster: HOUSEHOLD ROSTER: EDUCATION

generated by list question [b01](#)

hhroster\_ed

E b04a&gt;=7

C02. Has %rosteritle% ever attended school?	SINGLE-SELECT <span style="float: right;">c02</span> 001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW
C03. What was the highest education degree that %rosteritle% has acquired?  I COMPLETED DEGREE E c02==1	SINGLE-SELECT <span style="float: right;">c03</span> 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
C03_1. COMPLETED GRADE OF PRIMARY SCHOOL  I Please select the grade of the highest class completed. E c03==1	SINGLE-SELECT <span style="float: right;">c03_1</span> 01 <input type="radio"/> GRADE 1 02 <input type="radio"/> GRADE 2 03 <input type="radio"/> GRADE 3 04 <input type="radio"/> GRADE 4
C03_2. COMPLETED GRADE OF SECONDARY SCHOOL  I Please select the grade of the highest class completed. E c03==2	SINGLE-SELECT <span style="float: right;">c03_2</span> 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
C03_3. COMPLETED GRADE OF PRIMARY VOCATIONAL EDUCATION  I Please select the grade of the highest class completed. E c03==3	SINGLE-SELECT <span style="float: right;">c03_3</span> 01 <input type="radio"/> FIRST YEAR 02 <input type="radio"/> SECOND YEAR 03 <input type="radio"/> THIRD YEAR
C03_5. COMPLETED YEAR OF SECONDARY PROFESSIONAL EDUCATION  I Please select the grade of the highest class completed. E c03==5	SINGLE-SELECT <span style="float: right;">c03_5</span> 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><b>C03_6. COMPLETED YEARS OF BACHELOR DEGREE</b></p> <p>I Please select the grade of the highest class completed. E c03==6</p>	<p>SINGLE-SELECT <span style="float: right;">c03_6</span></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><b>C03_7. COMPLETED YEARS OF MASTER DEGREE</b></p> <p>I Please select the grade of the highest class completed. E c03==7</p>	<p>SINGLE-SELECT <span style="float: right;">c03_7</span></p> <p>01 <input type="radio"/> FIRST YEAR  02 <input type="radio"/> SECOND YEAR</p>
<p><b>C03_8. COMPLETED YEARS OF SPECIALIST DEGREE</b></p> <p>I Please select the grade of the highest class completed. E c03==8</p>	<p>SINGLE-SELECT <span style="float: right;">c03_8</span></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><b>C03_9. COMPLETED YEARS OF CANDIDATE OF SCIENCE</b></p> <p>E c03==9</p>	<p>SINGLE-SELECT <span style="float: right;">c03_9</span></p> <p>01 <input type="radio"/> FIRST YEAR  02 <input type="radio"/> SECOND YEAR  03 <input type="radio"/> THIRD YEAR</p>
<p><b>C03_10. COMPLETED YEARS OF DOCTOR OF SCIENCE</b></p> <p>E c03==10</p>	<p>SINGLE-SELECT <span style="float: right;">c03_10</span></p> <p>01 <input type="radio"/> FIRST YEAR  02 <input type="radio"/> SECOND YEAR  03 <input type="radio"/> THIRD YEAR</p>
<p><b>C04. Is %rosteritle% attending school now?</b></p> <p>E c02==1</p>	<p>SINGLE-SELECT <span style="float: right;">c04</span></p> <p>001 <input type="radio"/> YES  002 <input type="radio"/> NO  888 <input type="radio"/> DON'T KNOW</p>
<p><b>C05. How old was %rosteritle% when he/she stopped full-time education?</b></p> <p>E c04==2    c04==888  V1 self&lt;=b04a  M1 This value should not exceed individual's current age.  V2 self&gt;5  M2 This value is too small for %rosteritle% level of education.</p>	<p>NUMERIC: INTEGER <span style="float: right;">c05</span></p> <p>-----</p>
<p><b>C06. How does %rosteritle% get to school each day?</b></p> <p>I Indicate the MAIN mode of transport E c04==1</p>	<p>SINGLE-SELECT <span style="float: right;">c06</span></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><b>C06_oth. Please specify other mean of transport</b></p> <p>E c06==999</p>	<p>TEXT <span style="float: right;">c06oth</span></p> <p>-----</p>
<p><b>C07a. How long does it usually take %rosteritle% to get to school by this means of transport?</b></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 <span style="float: right;">c07a</span></p> <p>-----</p>

C07b. MINUTES  E c06==1    c06==2    c06==3    c06==4    c06==999 V1 self.InRange(0,59) M1 Unlikely value, please check and confirm.	NUMERIC: INTEGER  -----  c07b
STATIC TEXT E c04==1  C08. Howmuch was spent on %rostertitle%'s education in 2017 by the household, family, and friends for:	
C08a. Tuition, including extra tuition fees and transport costs  I RECORD EXPENDITURES IN SOMONI If nothing was spent, record "0". E c04==1	NUMERIC: INTEGER  -----  c08a
C08b. Other school expensens  I RECORD EXPENDITURES IN SOMONI. If nothing was spent, record "0". E c04==1	NUMERIC: INTEGER  -----  c08b

[D.] CHILD ANTHROPOMETRY

E consent==1

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[D.] CHILD ANTHROPOMETRY  
Roster: CHILD ANTHROPOMETRY  
generated by list question [b01](#)

childroster

E agemonths<=60 && agemonths>=6

D01. MOTHER / GUARDIAN OF THE CHILD IN THE HOUSEHOLD  F /// Restrict answer options to household members 10 years and older b04a>=10	SINGLE-SELECT: LINKED  d01
D02. Is %rostertitle% %b04a% years and %b04b% months old?	SINGLE-SELECT 01 <input type="radio"/> YES 02 <input type="radio"/> NO  d02
STATIC TEXT E d02==2  PLEASE ASK AGAIN %rostertitle%'s AGE AND CHANGE THE RELATIVE ANSWER IN MODULE B.	
D03. WAS %childroster% MEASURED?	SINGLE-SELECT 01 <input type="radio"/> YES, MEASURED FULLY 02 <input type="radio"/> YES, MEASURED PARTIALLY 03 <input type="radio"/> NO  d03
D04. WHY NOT?  E d03==3	SINGLE-SELECT 001 <input type="radio"/> NOT AT HOME DURING SURVEY PERIOD 002 <input type="radio"/> TOO ILL 003 <input type="radio"/> UNWILLING 999 <input type="radio"/> OTHER  d04
D04_oth. Please specify the other reason why %rostertitle% was not measured.  E d04==999	TEXT  -----  d04oth

<p><b>D05. WEIGHT OF CHILD</b></p> <p>I IN KG TO ONE DECIMAL PLACE.</p> <p>E d03.InList(1,2)</p> <p>VI /// Calculates the z score for the weight for age for th is /// person to spot large outliers in weight. The rang e 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 correc t weight was recorded for this child.</p>	<p>NUMERIC: DECIMAL d05</p> <p>-----</p>
<p><b>D06. HEIGHT / LENGTH OF CHILD</b></p> <p>I IN CM, TO ONE DECIMAL PLACE. CHILDREN AGED UNDER 24 MONT HS SHOULD BE MEASURED LYING DOWN. ALL OTHERS, STANDING.</p> <p>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/len gth. The range is +/- 3 z scores ((double?) ZScore.Lhfa( agemonths, b02==1,self)).InRa <a href="#">And 9 other symbols [3]</a></p> <p>M1 The height recorded for this child seems to be unlikely. Please confirm t hat the correct height was recorded for this child.</p>	<p>NUMERIC: DECIMAL d06</p> <p>-----</p>
<p><b>D07. HEIGHT / LENGTH OF CHILD MEASURED WITH CHILD STANDING OR LYING DOWN?</b></p> <p>E d03.InList(1,2)</p>	<p>SINGLE-SELECT d07</p> <p>01 <input type="radio"/> STANDING</p> <p>02 <input type="radio"/> LYING DOWN</p> <p>03 <input type="radio"/> NOT APPLICABLE</p>
<p><b>D08. WAS THE MEASUREMENT OF THE CHILD DONE IN A NORMAL MANNER, OR WAS MEASUREMENT DIFFICULT?</b></p> <p>E d03.InList(1,2)</p>	<p>SINGLE-SELECT d08</p> <p>01 <input type="radio"/> NORMAL</p> <p>02 <input type="radio"/> DIFFICULT</p>
<p><b>D09. ASK TO MOTHER / GUARDIAN: Does the child participate in a <a href="#">nutrition programme</a>?</b></p>	<p>SINGLE-SELECT d09</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p><b>D10. DID CHILD APPEAR TO HAVE EDEMA (SWELLING THAT IS NOT NORMAL)?</b></p>	<p>SINGLE-SELECT d10</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p><b>D11. Was the child given measles vaccination, injections or MMR, a shot in the arm at the age of 9 months or older?</b></p> <p>E // older than 9 months or older than 1 year b04b&gt;= 9    b04a &gt;0</p>	<p>SINGLE-SELECT d11</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>

## [E.] HOUSING

E consent==1

<p><b>E01. On what basis does the household occupy the dwelling?</b></p>	<p>SINGLE-SELECT e01</p> <p>01 <input type="radio"/> OWNED</p> <p>02 <input type="radio"/> PROVIDED FOR FREE BY THE EMPLOYER</p> <p>03 <input type="radio"/> FREE, AUTHORIZED</p> <p>04 <input type="radio"/> FREE, NOT AUTHORIZED</p> <p>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&gt;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&gt;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&gt;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&gt;3</p> <p>M1 Error! Description is too short.</p>	<p>TEXT e07oth</p> <p>-----</p>

<p>E08. How many seperate 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>E e09==999</p> <p>V1 self.Length&gt;4</p> <p>M1 Error! Description is too short.</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&gt;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&gt;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 V1 self.Length&gt;3 M1 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 lighting.</p> <p>E e14==999 V1 self.Length&gt;3 M1 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 cooking</p> <p>E e15==999 V1 self.Length&gt;4 M1 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 V1 self.Length&gt;4 M1 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 &amp;&amp; e14!=5 &amp;&amp; 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 V1 self.Length&gt;4 M1 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 V1 self.Length&gt;4 M1 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 &amp;&amp; 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 V1 self.Length&gt;4 M1 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  E e21==999 V1 self.Length>4 M1 Error! Description too short.	TEXT e21oth  .....
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 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW

[F.] DURABLE GOODS

E consent==1

F01. Does your household currently own the following items:	MULTI-SELECT: YES/NO f01 101 <input type="checkbox"/> / <input type="checkbox"/> Gas oven and/or electric oven 102 <input type="checkbox"/> / <input type="checkbox"/> Stove 103 <input type="checkbox"/> / <input type="checkbox"/> Outdoor metal stove 104 <input type="checkbox"/> / <input type="checkbox"/> Tandor/Earhen stove (bricks, grass, dung, sand) 105 <input type="checkbox"/> / <input type="checkbox"/> Sandalee 106 <input type="checkbox"/> / <input type="checkbox"/> Generator 107 <input type="checkbox"/> / <input type="checkbox"/> Refrigerator 108 <input type="checkbox"/> / <input type="checkbox"/> Freezer 109 <input type="checkbox"/> / <input type="checkbox"/> Washing machine 110 <input type="checkbox"/> / <input type="checkbox"/> Electric iron 111 <input type="checkbox"/> / <input type="checkbox"/> Vacuum cleaner 112 <input type="checkbox"/> / <input type="checkbox"/> Air conditioner 113 <input type="checkbox"/> / <input type="checkbox"/> Electric fan 114 <input type="checkbox"/> / <input type="checkbox"/> Electric room heater 115 <input type="checkbox"/> / <input type="checkbox"/> Water boiler 116 <input type="checkbox"/> / <input type="checkbox"/> Microwave oven  <a href="#">And 11 other symbols [3]</a>
---	--

[F.] DURABLE GOODS Roster: DURABLE GOOD generated by multi-select question <a href="#">f01</a>	hh_items f02
F02. How many <b>%rosteritle%</b> does your household own?  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.	NUMERIC: INTEGER f02  .....

[G.] RAPID CONSUMPTION ASSESSMENT

E consent==1

STATIC TEXT  <i>Now we would like to dicuss what your family ate or drank at home.</i>
--

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?

SINGLE-SELECT

h01b

00 ☐ NO

01 ☐ YES, ONCE OR TWICE

02 ☐ YES, THREE TO TEN TIMES

03 ☐ YES, MORE THAN 10 TIMES

E h01a.InList(1,2,3)

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?

SINGLE-SELECT

h02b

00 ☐ NO

01 ☐ YES, ONCE OR TWICE

02 ☐ YES, THREE TO TEN TIMES

03 ☐ YES, MORE THAN 10 TIMES

E h02a.InList(1,2,3)

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?

SINGLE-SELECT

h03b

00 ☐ NO

01 ☐ YES, ONCE OR TWICE

02 ☐ YES, THREE TO TEN TIMES

03 ☐ YES, MORE THAN 10 TIMES

E h03a.InList(1,2,3)

STATIC TEXT

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

H04a. ...had to eat some foods that you really did not want to eat because of lack of resources <u>in 2017?</u>	SINGLE-SELECT <div>h04a</div> 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
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>	SINGLE-SELECT <div>h04b</div> 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
E h04a.InList(1,2,3)	
STATIC TEXT	
<i>Did it happen that you or other adults in your household..</i>	
H05a. ...had to eat a smaller meal than you felt you needed because there was not enough food <u>in 2017?</u>	SINGLE-SELECT <div>h05a</div> 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
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>	SINGLE-SELECT <div>h05b</div> 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
E h05a.InList(1,2,3)	
STATIC TEXT	
<i>Did it happen that you or other adults in your household..</i>	
H06a. ...had to eat fewer meals in a day because there was not enough food <u>in 2017?</u>	SINGLE-SELECT <div>h06a</div> 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
H06b. ...had to eat fewer meals in a day because there was not enough food <u>in the past 3 months?</u>	SINGLE-SELECT <div>h06b</div> 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
E h06a.InList(1,2,3)	
STATIC TEXT	
<i>Did it happen that you or other adults in your household..</i>	
H07a. ...went to sleep at night hungry because there was not enough food <u>in 2017?</u>	SINGLE-SELECT <div>h07a</div> 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
H07b. ...went to sleep at night hungry because there was not enough food <u>in the past 3 months?</u>	SINGLE-SELECT <div>h07b</div> 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
E h07a.InList(1,2,3)	
STATIC TEXT	
<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></p>	<p>SINGLE-SELECT <span style="float: right;">h08a</span></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>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></p> <p>E h08a.InList(1,2,3)</p>	<p>SINGLE-SELECT <span style="float: right;">h08b</span></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>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></p>	<p>SINGLE-SELECT <span style="float: right;">h09a</span></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>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></p> <p>E h09a.InList(1,2,3)</p>	<p>SINGLE-SELECT <span style="float: right;">h09b</span></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>

[H.] FOOD SECURITY  
CHILDREN

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

STATIC TEXT

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

<p>H10a. ...had to eat a limited variety of foods because of lack of resources <u>in 2017?</u></p>	<p>SINGLE-SELECT <span style="float: right;">h10a</span></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>H10b. ...had to eat a limited variety of foods because of lack of resources <u>in the past 3 months?</u></p> <p>E h10a.InList(1,2,3)</p>	<p>SINGLE-SELECT <span style="float: right;">h10b</span></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>

STATIC TEXT

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

<p>H11a. ...had to eat a smaller meal than they felt they needed because there was not enough food <u>in 2017?</u></p>	<p>SINGLE-SELECT <span style="float: right;">h11a</span></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>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></p> <p>E h11a.InList(1,2,3)</p>	<p>SINGLE-SELECT <span style="float: right;">h11b</span></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>

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 <span>i0_2</span></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 <span>i0_2oth</span></p> <p>.....</p>
<p>I0_3. How is the rotational plan enforced?</p> <p>E i0_1==1</p>	<p>SINGLE-SELECT <span>i0_3</span></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 <span>i0_3oth</span></p> <p>.....</p>
<p>I1_0. Did this household own or take care of any livestock during 2017?</p>	<p>SINGLE-SELECT <span>i1_0</span></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 <span>i1_1</span></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 <span>i1_1oth</span></p> <p>.....</p>
<p>I1_2. How many %roster% does your household currently own, <u>in total</u>?</p> <p>V1 self&gt;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 <span>i1_2</span></p> <p>-----</p>
<p>I1_6. Did you outsource the grazing for %livestockroster% in 2017?</p> <p>E @rowcode&lt;4</p>	<p>SINGLE-SELECT <span>i1_6</span></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 <span style="float: right;">i1_6b</span></p> <p>-----</p>
<p>I1_7. What are the main reasons for outsourcing the grazing for %rosteritle%?</p> <p>I MAXIMUM 2 ANSWERS E i1_6==1</p>	<p>MULTI-SELECT <span style="float: right;">i1_7</span></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 <span style="float: right;">i1_7oth</span></p> <p>-----</p>
<p>I1_8. Where are the %rosteritle% owned currently located?</p>	<p>SINGLE-SELECT <span style="float: right;">i1_8</span></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 <span style="float: right;">i1_8oth</span></p> <p>-----</p>
<p>STATIC TEXT</p> <p>E @rowcode&lt;=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&lt;=4</p>	<p>SINGLE-SELECT <span style="float: right;">i1_9a</span></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 &amp;&amp; @rowcode&lt;=4</p>	<p>TEXT <span style="float: right;">i1_9aoth</span></p> <p>-----</p>

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

[1.] LIVESTOCK / LIVESTOCK  
Roster: CATTLE BREED

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

breedrostercattle

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

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

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

[1.] LIVESTOCK / LIVESTOCK  
**Roster: GOAT BREED**

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

breedrostergoat

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

<p>i2_5c. How many of your %roster% are <u>female</u> kids?</p> <p>V1 self&lt;=livestockroster[3].i1_2</p> <p>M1 This value cannot exceed total number of %livestockroster% owned.</p> <p>V2 totgoat&lt;=livestockroster[3].i1_2</p> <p>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</p> <p>i2_5c</p> <p>-----</p>
<p>VARIABLE</p> <p>i2_1c+i2_2c+i2_3c+i2_4c+i2_5c</p>	<p>DOUBLE</p> <p>goatbreedtot</p>
<p>VARIABLE</p> <p>livestockroster[3].i1_2</p>	<p>LONG</p> <p>goat_total_own</p>
<p>VARIABLE</p> <p>livestockroster[2].i1_2</p>	<p>LONG</p> <p>sheep_total_own</p>
<p>VARIABLE</p> <p>livestockroster[1].i1_2</p>	<p>LONG</p> <p>cattle_total_own</p>
<p>VARIABLE</p> <p>livestockroster[5].i1_2</p>	<p>LONG</p> <p>horse_total_own</p>
<p>VARIABLE</p> <p>livestockroster[4].i1_2</p>	<p>LONG</p> <p>yak_total_own</p>
<p>VARIABLE</p> <p>livestockroster[7].i1_2</p>	<p>LONG</p> <p>poultry_total_own</p>
<p>VARIABLE</p> <p>livestockroster[6].i1_2</p>	<p>LONG</p> <p>donkey_total_own</p>

[1.] 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</p> <p>i3_0</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>
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[1.] 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</p> <p>i3_1</p> <p>-----</p>
<p>i3_2. How many %livestockroster2% were born in 2017?</p>	<p>NUMERIC: INTEGER</p> <p>i3_2</p> <p>-----</p>

i3_3. How many live %livestockroster2% did this household buy in 2017?	NUMERIC: INTEGER <div>i3_3</div> <div>-----</div>
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 <div>i3_4</div> <div>-----</div>
i3_5. How many %livestockroster2% were received as a gift in 2017?	NUMERIC: INTEGER <div>i3_5</div> <div>-----</div>
i3_6. How many %livestockroster2% were given to others as a gift in 2017?	NUMERIC: INTEGER <div>i3_6</div> <div>-----</div>
i3_7. How many %livestockroster2% were lost/dead or stolen in 2017?	NUMERIC: INTEGER <div>i3_7</div> <div>-----</div>
i3_8. How many live %livestockroster2% has this household sold in 2017?	NUMERIC: INTEGER <div>i3_8</div> <div>-----</div>
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 <div>i3_9</div> <div>-----</div>
VARIABLE i3_2+i3_3+i3_5	DOUBLE <div>positivestock</div>
VARIABLE i3_6+i3_7+i3_8	DOUBLE <div>negativestock</div>
VARIABLE (i3_1+positivestock)-(negativestock)	DOUBLE <div>changestock</div>
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 <div>i3_10</div> <div>-----</div>
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 <div>i3_11</div> <div>01 <input type="radio"/> YES</div> <div>02 <input type="radio"/> NO</div>
i3_12. What were the total revenues from these sales of %livestockroster2%?  E i3_11==1	NUMERIC: INTEGER <div>i3_12</div> <div>-----</div>

[I.] LIVESTOCK

## ACTIVITIES BY LIVESTOCK

E IsAnswered(i3\_0) && i1\_0==1

## Roster: ACTIVITIES

generated by fixed list

livestock3

01 CATTLES

02 SHEEPS

03 GOATS

04 YAKS

05 HORSES

06 DONKEYS

07 POULTRY

E livestockroster.Any(c=&gt;c.i1\_1.Yes.Contains(@rowcode)) || livestockroster2.Any(c=&gt;c.i3\_0.Yes.Contains(@rowcode))

[1.] LIVESTOCK / ACTIVITIES BY LIVESTOCK / ACTIVITIES

## I.4 BREEDING

E @rowcode&lt;4

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?	SINGLE-SELECT <span style="float: right;">i4_1</span> 01 <input type="radio"/> YES 02 <input type="radio"/> NO
I4_2. What type of controlled mating did this household practice for %rosteritle% in 2017?	SINGLE-SELECT <span style="float: right;">i4_2</span> 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)
I4_2oth. Please specify	TEXT <span style="float: right;">i4_2oth</span> .....
I4_3. What is the source of males for %rosteritle% for mating?	SINGLE-SELECT <span style="float: right;">i4_3</span> 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)
I4_3oth. Please specify	TEXT <span style="float: right;">i4_3oth</span> .....



<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 &amp;&amp; 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&gt;=10    b05&lt;2007</p> <p>E i4_1==1</p>	<p>MULTI-SELECT: LINKED i4_8</p>

[I.] 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 <span style="float: right;">i5_1a</span></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><a href="#">And 1 other symbols [6]</a></p>
<p>i5_1aoth. Please specify</p> <p>E i5_1a.Contains(999)    i5_1a.ContainsOnly(999)</p>	<p>TEXT <span style="float: right;">i5_1aoth</span></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 <span style="float: right;">i5_1b</span></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><a href="#">And 1 other symbols [7]</a></p>
<p>i5_1both. Please specify</p> <p>E i5_1b.Contains(999)    i5_1b.ContainsOnly(999)</p>	<p>TEXT <span style="float: right;">i5_1both</span></p> <p>.....</p>
<p>i5_2a. In the last <u>summer</u>, how did your household feed the %rosteritle%?</p>	<p>SINGLE-SELECT <span style="float: right;">i5_2a</span></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 <span style="float: right;">i5_2b</span></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 <span style="float: right;">i5_3a</span></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 <span style="float: right;">i5_3aoth</span></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 <span style="float: right;">i5_3b</span></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 <span style="float: right;">i5_3both</span></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 <span style="float: right;">i5_7</span></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 <span style="float: right;">i5_8a</span></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 <span style="float: right;">i5_8b</span></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 <span style="float: right;">i5_9a</span></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 <span style="float: right;">i5_9aoth</span></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 <span style="float: right;">i5_9b</span></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 <span style="float: right;">i5_9both</span></p> <p>.....</p>
<p>i5_10. Who in the household usually feeds the %rosteritle%?</p> <p>I MULTIPLE ANSWERS</p> <p>F b04a&gt;=10    b05&lt;2007</p>	<p>MULTI-SELECT: LINKED <span style="float: right;">i5_10</span></p>

[I.] 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> ?	<div>SINGLE-SELECT <span>i6_1a</span></div> <div> 000 <input type="radio"/> NONE  001 <input type="radio"/> CONFINED IN SHEDS  002 <input type="radio"/> CONFINED IN FENCES  003 <input type="radio"/> CAGE  004 <input type="radio"/> INSIDE THE HOUSE (E.G. KITCHEN)  005 <input type="radio"/> STALL  006 <input type="radio"/> IN A ROOM  999 <input type="radio"/> OTHER (SPECIFY) </div>
i6_1aoth. Please specify Other	<div>TEXT <span>i6_1aoth</span></div> <div>-----</div>
E i6_1a==999	
i6_1b. What housing system has this household mainly used for %rosteritle% during the <u>last winter</u> ?	<div>SINGLE-SELECT <span>i6_1b</span></div> <div> 000 <input type="radio"/> NONE  001 <input type="radio"/> CONFINED IN SHEDS  002 <input type="radio"/> CONFINED IN FENCES  003 <input type="radio"/> CAGE  004 <input type="radio"/> INSIDE THE HOUSE (E.G. KITCHEN)  005 <input type="radio"/> STALL  006 <input type="radio"/> IN A ROOM  999 <input type="radio"/> OTHER (SPECIFY) </div>
i6_1both. Please specify Other	<div>TEXT <span>i6_1both</span></div> <div>-----</div>
E i6_1b==999	
i6_3a. What has been the main source of water for %rosteritle% during the <u>last summer</u> ?	<div>SINGLE-SELECT <span>i6_3a</span></div> <div> 001 <input type="radio"/> BOREHOLE  002 <input type="radio"/> DAM  003 <input type="radio"/> WELL  004 <input type="radio"/> RIVER / SPRING / SPRING  005 <input type="radio"/> RAINWATER HARVESTING  006 <input type="radio"/> VILLAGE WATER POINT  007 <input type="radio"/> PURCHASED WATER  008 <input type="radio"/> GROUNDWATER  999 <input type="radio"/> OTHER (SPECIFY) </div>
i6_3aoth. Please specify Other	<div>TEXT <span>i6_3aoth</span></div> <div>-----</div>
E i6_3a==999	
i6_3b. What has been the main source of water for %rosteritle% during the <u>last winter</u> ?	<div>SINGLE-SELECT <span>i6_3b</span></div> <div> 001 <input type="radio"/> BOREHOLE  002 <input type="radio"/> DAM  003 <input type="radio"/> WELL  004 <input type="radio"/> RIVER / SPRING / SPRING  005 <input type="radio"/> RAINWATER HARVESTING  006 <input type="radio"/> VILLAGE WATER POINT  007 <input type="radio"/> PURCHASED WATER  008 <input type="radio"/> GROUNDWATER  999 <input type="radio"/> OTHER (SPECIFY) </div>
i6_3both. Please specify Other	<div>TEXT <span>i6_3both</span></div> <div>-----</div>
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</p> <p>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</p> <p>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 contruction 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&lt;888</p>	<p>NUMERIC: INTEGER</p> <p>i6_5</p> <p>-----</p>

[I.] 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</p> <p>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 &amp;&amp; ((int?)optioncode).InList(1,2,3,4,5,6,7)    @rowcode==2 &amp;&amp; ((int?)optioncode).InList(1,2,3,4,5,7,8,9)    @rowcode==3 &amp;&amp; ((int?)optioncode).InList(1,2,3,4,5,7,8,9)    @rowcode==6 &amp;&amp; ((i</p> <p><a href="#">And 93 other symbols [1]</a></p> <p>E i7_1==1</p>	<p>MULTI-SELECT</p> <p>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</p> <p>i7_2aoth</p> <p>-----</p>
<p>i7_2both. Please specify</p> <p>E i7_2.Contains(1000)    i7_2.ContainsOnly(1000)</p>	<p>TEXT</p> <p>i7_2both</p> <p>-----</p>
<p>i7_2coth. Please specify</p> <p>E i7_2.Contains(1001)    i7_2.ContainsOnly(1001)</p>	<p>TEXT</p> <p>i7_2coth</p> <p>-----</p>

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

[I.] LIVESTOCK / ACTIVITIES BY LIVESTOCK / ACTIVITIES

## I8. MILK PRODUCTION

E @rowcode<4

i8_1. Did you milk any of your %rosteritle% in 2017?	SINGLE-SELECT 01 <input type="radio"/> YES 02 <input type="radio"/> NO	i8_1
i8_2. For how many months on average were %rosteritle% milked in 2017?  E i8_1==1 V1 self.InRange(0,12) M1 Reference period is last 12 months.	NUMERIC: INTEGER  -----	i8_2
i8_3. During these months in which %rosteritle% were milked, how many animals were milked on average <u>each day</u> ?  E i8_1==1	NUMERIC: INTEGER  -----	i8_3
i8_4. During these months in which %rosteritle% were milked, what was the average quantity of milk milked per day from the herd?  I LITRES E i8_1==1	NUMERIC: DECIMAL  -----	i8_4
i8_5. During these months in which animals were milked, how much of the %rosteritle% milk collected did this household consume per day?  I LITRES E i8_4>0 V1 self<=i8_4 M1 Quantity of milk consumed by the household cannot exceed total quantity of milk produced.	NUMERIC: DECIMAL  -----	i8_5

<p>i8_6. During these months in which animals were milked, how much of the %rosteritle% milk collected has been wasted/lost per day?</p> <p>I LITRES E i8_5&lt;i8_4 V1 self&lt;=i8_4-i8_5 M1 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 %rosteritle% milk collected has been used for the production of by-products per day?</p> <p>I LITRES E i8_4&gt;0 &amp;&amp; (i8_4&gt;(i8_5+i8_6)) V1 self&lt;=(i8_4-i8_5-i8_6) M1 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 %rosteritle% milk collected has been given away as gift or in-kind payment per day?</p> <p>I LITRES E i8_4&gt;0 &amp;&amp; (i8_4&gt;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 %rosteritle% milk?</p> <p>E i8_4&gt;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 %rosteritle% did this household sell in total?</p> <p>I LITRES E i8_9==1 V1 self&lt;=milkquantity M1 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 %rosteritle% milk?</p> <p>I PRICE PER LITER IN SOMONI E i8_10&gt;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 %rosteritle% milk per day?</p> <p>I SOMONI E !IsAnswered(i8_11) &amp;&amp; i8_10&gt;0</p>	<p>NUMERIC: INTEGER i8_12</p> <p>-----</p>



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

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

E @rowcode==7

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

<p>i9_6. Did this household sell the %rosteritle% eggs during 2017?</p> <p>E i9_2&gt;0</p>	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p> <p>i9_6</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</p> <p>-----</p> <p>i9_7</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&gt;0</p>	<p>NUMERIC: INTEGER</p> <p>-----</p> <p>i9_8</p>

[I.] 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</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p> <p>i9_10</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</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_11</p>
<p>i9_11oth. Please specify</p> <p>E i9_11.Contains(999)    i9_11.ContainsOnly(999)</p>	<p>TEXT</p> <p>-----</p> <p>i9_11oth</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</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_12</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</p> <p>-----</p> <p>i9_13</p>

[I.] 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</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> <p>i10_1</p>
---	---

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  %prodkg% %prodliter% %prod%	
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</p> <p>V1 prodkg&gt;=i10_4a*self</p> <p>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&gt;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&gt;0</p> <p>V1 (self&lt;=i10_2a &amp;&amp; i10_6b==i10_2b)    i10_6b!=i10_2b</p> <p>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) &amp;&amp; @optioncode.InList(1,2,5))    (@rowcode.InList(4) &amp;&amp; @optioncode.InList(3,4))</p> <p>E i10_6a&gt;0</p> <p>V1 prod-sold&gt;=(i10_6b.InList(1,2,3) ? i10_6a*LivestockByProdConversion[(int)i10_6b].conv : 0)</p> <p>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</p> <p>02 <input type="radio"/> KG</p> <p>03 <input type="radio"/> LITER</p> <p>04 <input type="radio"/> BUCKET</p> <p>05 <input type="radio"/> NUMBER</p>
<p>I10_6b. LITERS PER BUCKET</p> <p>E i10_6b==4</p> <p>V1 prodliter-soldliter&gt;= i10_6a*self</p> <p>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</p> <p>V1 prodkg-soldliter&gt;=i10_6a*self</p> <p>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</p> <p>02 <input type="radio"/> NO</p>
--	---

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.

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

[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.]

J1_1. Please list and name all the parcels that the household cultivated on or had access to from October 2016 to November 2017.	LIST	j1_1
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.	.....	
VARIABLE j1_1.Count()+0	DOUBLE	nbparcel
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%?	SINGLE-SELECT	j1_2
	01 <input type="radio"/> YES 02 <input type="radio"/> NO	

[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 %roster%?</p> <p>V1 self&gt;0</p> <p>M1 A parcel can not have the size of zero. Please check.</p>	<p>NUMERIC: DECIMAL j1_3a</p> <p>-----</p>
<p>J1_3b. Specify MEASUREMENT UNIT</p> <p>V1 \$area_parcel&lt;=20000</p> <p>M1 The size of the parcel seems unlikely. Please check.</p>	<p>SINGLE-SELECT 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 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 j1_4oth</p> <p>-----</p>
<p>J1_5. What document do you have to show how you acquired %parcelroster%?</p>	<p>SINGLE-SELECT 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 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&gt;1</p>	<p>MULTI-SELECT: LINKED 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 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 j1_7b</p> <p>-----</p>

J1_8. Under normal circumstances, what is your primary means of travelling to this parcel?	SINGLE-SELECT <span style="float: right;">j1_8</span> 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 999 <input type="radio"/> OTHER (SPECIFY)
J1_8oth. Please specify.	TEXT <span style="float: right;">j1_8oth</span> .....
E j1_8==999	
STATIC TEXT	
J1_9. Howlong does it take to get from the house to the parcel by %j1_8%?	
J1_9a. HOURS  I IF RIGHT NEXT TO HOUSEHOLD INSERT 0 HOURS AND 1 MINUTE. ONE WAY TRIP. V1 self.InRange(0,24) M1 This seems unlikely. Please check.	NUMERIC: INTEGER <span style="float: right;">j1_9a</span> .....
J1_9b. MINUTES  V1 self.InRange(0,59) M1 This seems unlikely. Please check.	NUMERIC: INTEGER <span style="float: right;">j1_9b</span> .....
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%?  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.	NUMERIC: INTEGER <span style="float: right;">j1_10</span> .....
J1_11. Please list and name all plots on parcel %parcelroster% that the household cultivated or had access to in %season1%.  I USE A SHORT DESCRIPTIVE PHRASE THAT WILL HELP THE RESPONDENT REMEMBER THE PLOT BEING DISCUSSED. E IsAnswered(j1_10) && j1_10>0 V1 j1_10==j1_11.Length 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.	LIST <span style="float: right;">j1_11</span> .....
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%?  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. E j0_1.Contains(2)    j0_1.ContainsOnly(2)	NUMERIC: INTEGER <span style="float: right;">j1_12</span> .....

<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) &amp;&amp; j1_12&gt;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 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 parcelAreaInM2</p>
<p>VARIABLE</p> <p>(long)plotroster_s1.Sum(x =&gt; x.areaS1InM2)</p>	<p>LONG totalAreaOfS1</p>
<p>VARIABLE</p> <p>(long)plotroster_s2.Sum(x =&gt; x.areaS2InM2)</p>	<p>LONG totalAreaOfS2</p>

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

[J.] AVAILABLE LAND / CULTIVATION AND ACCESS TO PARCEL'S 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 self&gt;0</p> <p>M1 A plot can not have the size of zero. Please check.</p>	<p>NUMERIC: DECIMAL j2s1_1a</p> <p>-----</p>
<p>J2S1_1b. UNIT</p> <p>V1 \$area_parcel&gt;=\$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=&gt;IsAnswered(y.j2s1_1a)) ? \$area_parcel&gt;=plotroster_s1.Sum(x=&gt;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 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 areaS1InM2</p>
<p>J2S1_2. What is the color of the soil of plot %plotroster_s1%?</p>	<p>SINGLE-SELECT 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 j2s1_2oth</p> <p>-----</p>



J2S1_3. What is the slope of %plotroster_s1%?	SINGLE-SELECT <span style="float: right;">j2s1_3</span> 001 <input type="radio"/> FLAT 002 <input type="radio"/> MODERATE 003 <input type="radio"/> STEEP/HILLY 888 <input type="radio"/> DON'T KNOW
J2S1_4. Does %plotroster_s1% present any erosion?	SINGLE-SELECT <span style="float: right;">j2s1_4</span> 001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW
J2S1_5. How do you prevent erosion on %plotroster_s1% currently?  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. V1 !self.Contains(1)    self.ContainsOnly(1) M1 OPTION "NONE" CAN NOT BE SELECTED WHILE OTHER OPTIONS ARE SELECTED. PLEASE CHECK	MULTI-SELECT <span style="float: right;">j2s1_5</span> 001 <input type="checkbox"/> NONE 002 <input type="checkbox"/> TERRACES 003 <input type="checkbox"/> BUNDS 004 <input type="checkbox"/> GABIONS/SANDBAGS 005 <input type="checkbox"/> DRAINAGE DITCHES 006 <input type="checkbox"/> TREES 007 <input type="checkbox"/> GRASS STRIPS/TREE BELT/WOOD MATERIAL 008 <input type="checkbox"/> HEDGES/CONTOURS 009 <input type="checkbox"/> CONCRETE WALLS 999 <input type="checkbox"/> OTHER (SPECIFY) 888 <input type="checkbox"/> DON'T KNOW
J2S1_5oth. Please specify the other erosion structures	TEXT <span style="float: right;">j2s1_5oth</span> .....
J2S1_6. What was the last year in which plot %plotroster_s1% was left fallow?	NUMERIC: INTEGER <span style="float: right;">j2s1_6</span> .....
I IF NEVER RECORD ZERO. IF DONT KNOW ENTER 888 V1 self.InRange(1950,2018)    self==0    self==888 M1 This seems unlikely. Please check.	
J2S1_7. During %season1%, how was %plotroster_s1% used?	SINGLE-SELECT <span style="float: right;">j2s1_7</span> 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)
J2S1_7oth. Please specify how %plotroster_s1% was used.	TEXT <span style="float: right;">j2s1_7oth</span> .....
E j2s1_7==999	
J2S1_8. How much did you receive from renting out %plotroster_s1% during %season1% <u>IN KIND</u> ?	NUMERIC: INTEGER <span style="float: right;">j2s1_8</span> .....
I ESTIMATED MONETARY VALUE OF IN-KIND PAYMENTS IN SOMONI. E j2s1_7==3	
J2S1_9. Did you harvest any tree crops or other multiple-season crops in %plotroster_s1% from October 2016 to November 2017?	SINGLE-SELECT <span style="float: right;">j2s1_9</span> 01 <input type="radio"/> YES 02 <input type="radio"/> NO
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%?  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	SINGLE-SELECT 01 <input type="radio"/> YES 02 <input type="radio"/> NO	j1_14
J1_15. Which %season1% plot was exactly the same as plot %plotroster_s2% in %season2%? E j1_14==1	SINGLE-SELECT: LINKED	j1_15
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%?  V1 self>0 M1 Aplot can not have the size of zero. Please check.	NUMERIC: DECIMAL  -----	j2s2_1a
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<p>J2S2_1b. UNIT</p> <p>V1 \$area_parcel&gt;=\$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=&gt;IsAnswered(y.j2s2_1a)) ? \$area_parcel&gt;=plotroster_s2.Sum(x=&gt;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.</p> <p>V1 self.InRange(1950,2018)    self==0    self==888</p> <p>M1 This seems unlikely. Please check.</p>	<p>NUMERIC: INTEGER</p> <p>j2s2_6</p> <p>-----</p>
<p>J2S2_7. During %season2%, how was %plotroster_s2% used?</p> <p>E (j1_14==1? parcelroster.All(y=&gt;y.plotroster_s1.All(x=&gt;x.pcode_garden!=string_overlap)) : true) &amp;&amp; (j1_14==1? parcelroster.All(y=&gt;y.plotroster_s1.All(x=&gt;x.pcode_permanent!=string_overlap)) : true)</p>	<p>SINGLE-SELECT</p> <p>j2s2_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>
<p>J2S2_7oth. Please specify how the plot was used during %season2%.</p> <p>E j2s2_7==999</p>	<p>TEXT</p> <p>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.</p> <p>E j2s2_7==3</p>	<p>NUMERIC: INTEGER</p> <p>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</p> <p>j2s2_9</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>J2S2_10. Is %plotroster_s2% a home garden?</p> <p>E (j1_14==1? parcelroster.All(y=&gt;y.plotroster_s1.All(x=&gt;x.pcode_garden!=string_overlap)) : true) &amp;&amp; (j1_14==1? parcelroster.All(y=&gt;y.plotroster_s1.All(x=&gt;x.pcode_permanent!=string_overlap)) : true)</p>	<p>SINGLE-SELECT</p> <p>j2s2_10</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p>
<p>STATIC TEXT</p> <p>E areas2InM2&gt;2000 &amp;&amp; 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</p> <p>"Баҳор/Тобистон"</p>	<p>STRING</p> <p>season1</p>
<p>VARIABLE</p> <p>"Тирамоҳ/Зимистон"</p>	<p>STRING</p> <p>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

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%?	MULTI-SELECT: LINKED	k1s1_1
I SELECT UP TO 2 HOUSEHOLD MEMBERS.		

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

## LAND PREPARATION

K1S1_3. How was crop residue on %plotroster_s1% from previous planting season mainly used / disposed of?	SINGLE-SELECT 01 <input type="radio"/> LEFT IN THE FIELD THEN PLOWED / INCORPORATED INTO THE FIELD 02 <input type="radio"/> LEFT IN THE FIELD AND GRAZED BY ANIMALS 03 <input type="radio"/> BURNED ON THE FIELD 04 <input type="radio"/> CUT AND SPREAD ON THE FIELD 05 <input type="radio"/> CUT AND REMOVED FROM THE FIELD AND FED TO ANIMALS 06 <input type="radio"/> CUT AND REMOVED FROM FIELD FOR OTHER HOUSEHOLD USE 07 <input type="radio"/> NEW FIELD, CLEARED LATER 08 <input type="radio"/> LEFT IN THE FIELD OR DID NOTHING	k1s1_3
K1S1_4. How did you prepare the soil for planting on %plotroster_s1% during %season1%?	MULTI-SELECT 001 <input type="checkbox"/> HAND HOEING 002 <input type="checkbox"/> PLOWING - MOLDBOARD 003 <input type="checkbox"/> PLOWING - DISC 004 <input type="checkbox"/> ZERO / MINIMUM TILLAGE 006 <input type="checkbox"/> MANURE APPLICATION 007 <input type="checkbox"/> FUMIGATION 008 <input type="checkbox"/> RIDGING 999 <input type="checkbox"/> OTHER (SPECIFY)	k1s1_4
K1S1_4oth. Please specify how you prepared the soil	TEXT .....	k1s1_4oth
E k1s1_4.Contains(999) VI self.Length>2 M1 Description too short! Please specify more.		
K1S1_5. What was the main source of power used to prepare the soil for planting on %plotroster_s1% during %season1%?	SINGLE-SELECT 01 <input type="radio"/> OWN MANUAL LABOR 02 <input type="radio"/> HIRED MANUAL LABOR 03 <input type="radio"/> OWN ANIMAL 04 <input type="radio"/> HIRED ANIMAL 05 <input type="radio"/> OWN MECHANICAL 06 <input type="radio"/> HIRED MECHANICAL	k1s1_5

<p>K1S1_6. Which ANNUAL crops were planted on %plotroster2_s1% during %season1%?</p> <p>I MAXIMUM 5 ANSWERS</p>	<p>MULTI-SELECT <span style="float: right;">k1s1_6</span></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><a href="#">And 24 other symbols [8]</a></p>
<p>K1S1_6oth. Please specify</p> <p>E k1s1_6.Contains(999)    k1s1_6.Containsonly(999)</p>	<p>TEXT <span style="float: right;">k1s1_6oth</span></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 <span style="float: right;">k1s1_7</span></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 <span style="float: right;">k1s1_8</span></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&gt;2</p> <p>M1 Description is too short! Please specify more.</p>	<p>TEXT <span style="float: right;">k1s1_8oth</span></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 <span style="float: right;">k1s1_9</span></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&gt;2</p> <p>M1 Description is too short! Please specify more.</p>	<p>TEXT <span style="float: right;">k1s1_9oth</span></p> <p>.....</p>

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

K1S1_10. Did you use any organic fertilizer on %plotroster_s1% during %season1%?	<p>SINGLE-SELECT <span style="float: right;">k1s1_10</span></p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
K1S1_11. What type of organic fertilizer was used on %plotroster_s1% in the %season1%?	<p>MULTI-SELECT <span style="float: right;">k1s1_11</span></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>

I MAXIMUM3 ANSWERS  
E k1s1\_10==1

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

Roster: ORGANIC FERTILIZER

generated by multi-select question [k1s1\\_11](#)

organfert\_s1

K1S1_11oth. Please specify	<p>TEXT <span style="float: right;">k1s1_11oth</span></p> <p>.....</p>
E @rowcode==1002	
K1S1_12. How many times did you apply %rosteritle% on %plotroster_s1% during %season1%?	<p>NUMERIC: INTEGER <span style="float: right;">k1s1_12</span></p> <p>-----</p>
V1 self>0	
M1 Respondent stated to have used %rosteritle% during %season1%. The refore must be larger than zero.	
K1S1_14. Did you use any inorganic fertilizer on %plotroster_s1% during %season1%?	<p>SINGLE-SELECT <span style="float: right;">k1s1_14</span></p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
K1S1_15. What types of inorganic fertilizer did you apply on %plotroster_s1% during %season1%?	<p>MULTI-SELECT <span style="float: right;">k1s1_15</span></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>

I MAXIMUM3 ANSWERS  
E k1s1\_14==1

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

Roster: INORGANIC FERTILIZER

generated by multi-select question [k1s1\\_15](#)

inorgfertilizer\_s1

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

<p>K1S1_17a. How much in total of %rosteritle% was applied on %plotroster_s1% during %season1%?</p> <p>I QUANTITY</p> <p>V1 self&gt;0</p> <p>M1 Respondent stated to have used %rosteritle% during %season1% on plot %plotroster_s1%. Therefore quantity must be larger than zero.</p>	<p>NUMERIC: DECIMAL</p> <p>k1s1_17a</p> <p>-----</p>
<p>K1S1_17b. UNIT</p>	<p>SINGLE-SELECT</p> <p>k1s1_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"/> BAGS</p> <p>05 <input type="radio"/> LITER</p> <p>06 <input type="radio"/> MILLILITER</p> <p>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</p> <p>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</p> <p>k1s1_18</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_19. What type(s) of pesticide / herbicide did you apply on plot %plotroster_s1% during %season1%?</p> <p>I MAXIMUM3 ANSWERS</p> <p>E k1s1_18==1</p>	<p>MULTI-SELECT</p> <p>k1s1_19</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>

[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</p> <p>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</p> <p>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</p> <p>k1s1_21a</p> <p>-----</p>



K1S1_21b. 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	k1s1_21b
K1S1_21bbag. How many KGs does <u>ONE BAG</u> contain? E k1s1_21b==4	NUMERIC: INTEGER -----	k1s1_21bbag
K1S1_21bcan. How many LITERS does ONE CANISTER/BUCKET contain? E k1s1_21b==7	NUMERIC: DECIMAL -----	k1s1_21bcan

[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%? I PERSON-DAYS	NUMERIC: DECIMAL -----	k1s1_22
K1S1_24. How many days of hired labor were worked on land preparation / planting on %plotroster_s1% during %season1%? I PERSON-DAYS	NUMERIC: DECIMAL -----	k1s1_24
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%? I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI. E k1s1_24>0	NUMERIC: INTEGER -----	k1s1_25

[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%? I PERSON-DAYS	NUMERIC: DECIMAL -----	k1s1_26
---	---------------------------	---------

<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 <span style="float: right;">k1s1_28</span></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&gt;0</p>	<p>NUMERIC: INTEGER <span style="float: right;">k1s1_29</span></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 <span style="float: right;">k1s1_30</span></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 <span style="float: right;">k1s1_32</span></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&gt;0</p>	<p>NUMERIC: INTEGER <span style="float: right;">k1s1_33</span></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 <span style="float: right;">k1s1_34</span></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 <span style="float: right;">k1s1_35a</span></p> <p>-----</p>
<p>K1S1_35b. UNIT OF SEEDS</p> <p>I UNIT OF QUANTITY</p>	<p>SINGLE-SELECT <span style="float: right;">k1s1_35b</span></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 <span style="float: right;">k1s1_35bbag</span></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 <span style="float: right;">k1s1_36a</span></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 <span style="float: right;">k1s1_36b</span></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 <span style="float: right;">k1s1_37a</span></p> <p>-----</p>
<p>K1S1_37b. UNIT OF HARVEST</p> <p>I UNIT</p>	<p>SINGLE-SELECT <span style="float: right;">k1s1_37b</span></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 <span style="float: right;">k1s1_37bbag</span></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 <span style="float: right;">stand_harvests1</span></p>
<p>K1S1_38. Was the area harvested less than the area planted?</p>	<p>SINGLE-SELECT <span style="float: right;">k1s1_38</span></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 <span style="float: right;">k1s1_39</span></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 <span style="float: right;">k1s1_39oth</span></p> <p>-----</p>

K1S1_40a. When did you finish harvesting %rosteritle% from %plotroster_s1% during %season1%?	SINGLE-SELECT: COMBO BOX <div> 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 </div>	k1s1_40a
K1S1_40b. In which half of %k1s1_40a% did you finish harvesting?	SINGLE-SELECT <div> 01 <input type="radio"/> FIRST HALF 02 <input type="radio"/> SECOND HALF </div>	k1s1_40b
K1S1_41. Who in the household makes the decision concerning the use of %rosteritle% harvested from %plotroster_s1% during %season1%?  I MAXIMUM 2 ANSWERS	MULTI-SELECT: LINKED	k1s1_41

[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%

<p>K1S1_42a. How much of %rosteritle% harvested during %season1% was used for <u>OWN CONSUMPTION</u>?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL k1s1_42a</p> <p>-----</p>
<p>K1S1_42b. UNIT</p> <p>E k1s1_42a&gt;0</p> <p>V1 stand_harvestcrops1&gt;=(k1s1_42b.InList(1,2,3) ? k1s1_42a*weightConv[(int)k1s1_42b].factor : (int)0)</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season1%. PLEASE CHECK [ENUMERATOR: TOTAL HARVEST IS: %stand_harvestcrops1%]</p>	<p>SINGLE-SELECT k1s1_42b</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_42bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k1s1_42b==4</p> <p>V1 stand_harvestcrops1&gt;=k1s1_42a*k1s1_42bbag</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season1%. PLEASE CHECK</p>	<p>NUMERIC: INTEGER k1s1_42bbag</p> <p>-----</p>
<p>VARIABLE k1s1_42b.InList(1,2,3) ? k1s1_42a*weightConv[(int)k1s1_42b].factor : k1s1_42a*k1s1_42bbag</p>	<p>DOUBLE standuse_homes1</p>

<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&gt;0</p> <p>VI stand_harvestcrops1&gt;=(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&gt;=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&gt;0</p> <p>VI stand_harvestcrops1&gt;=(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&gt;=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&gt;0</p> <p>VI stand_harvestcrops1&gt;=(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&gt;=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 MAXIMUM 2 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>V1 self&lt;=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</p> <p>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</p> <p>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</p> <p>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</p> <p>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>
--	---

<p>K3S1_4. How did you prepare the soil for planting on %plotroster3_s1% during %season1%?</p> <p>I MAXIMUM 3 ANSWERS</p>	<p>MULTI-SELECT <span style="float: right;">k3s1_4</span></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>K3S1_4oth. Please specify how you prepared the soil</p> <p>E k3s1_4.Contains(999)</p> <p>V1 self.Length&gt;2</p> <p>M! Description too short! Please specify more.</p>	<p>TEXT <span style="float: right;">k3s1_4oth</span></p> <p>.....</p>
<p>K3S1_5. What was the main source of power used to prepare the soil for planting on %plotroster3_s1% during %season1%?</p>	<p>SINGLE-SELECT <span style="float: right;">k3s1_5</span></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>

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

%SEASON1% ANNUAL CROPS - PLANTING AND HARVEST

<p>K3S1_6. Which ANNUAL crops were planted on %plotroster3_s1% during %season1%?</p> <p>I MAXIMUM 5 ANSWERS</p>	<p>MULTI-SELECT <span style="float: right;">k3s1_6</span></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><a href="#">And 24 other symbols [9]</a></p>
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[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

<p>K3S1_06oth. Please specify</p> <p>E @rowcode==999</p>	<p>TEXT <span style="float: right;">k3s1_06oth</span></p> <p>.....</p>
--	--

K3S1_7. Was the seeds/seedlings for %rosteritle% on %plotroster3_s1% during %season1% local, hybrid or improved?	SINGLE-SELECT <span style="float: right;">k3s1_7</span> 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
K3S1_8a. How much seed did you plant for %rosteritle% on %plotroster3_s1% during %season1%?	NUMERIC: DECIMAL <span style="float: right;">k3s1_8a</span> -----
I QUANTITY	
K3S1_8b. UNIT OF SEEDS	SINGLE-SELECT <span style="float: right;">k3s1_8b</span> 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
I UNIT OF QUANTITY	
K3S1_8bbag. How many KGs does <u>ONE BAG</u> contain?	NUMERIC: INTEGER <span style="float: right;">k3s1_8bbag</span> -----
E k3s1_8b==4	
K3S1_9a. When did you finish planting for %rosteritle% on %plotroster3_s1% during %season1%?  I IF PLANTED MULTIPLE TIMES IN SEASON, ENTER FOR MONTH OF LA RGEST PLANTATION	SINGLE-SELECT: COMBO BOX <span style="float: right;">k3s1_9a</span> 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_9b. In which half of %k3s1_9a% did you finish planting?	SINGLE-SELECT <span style="float: right;">k3s1_9b</span> 01 <input type="radio"/> FIRST HALF 02 <input type="radio"/> SECOND HALF
K3S1_10a. How much %rosteritle% did you harvest from %plotroster3_s1% during %season1%?	NUMERIC: DECIMAL <span style="float: right;">k3s1_10a</span> -----
I QUANTITY	
K3S1_10b. UNIT OF HARVEST	SINGLE-SELECT <span style="float: right;">k3s1_10b</span> 01 <input type="radio"/> KG 02 <input type="radio"/> TON 03 <input type="radio"/> GRAM 04 <input type="radio"/> BAGS
I UNIT	
K3S1_10bbag. How many KGs does <u>ONE BAG</u> contain?	NUMERIC: INTEGER <span style="float: right;">k3s1_10bbag</span> -----
E k3s1_10b==4	
VARIABLE k3s1_10b.InList(1,2,3) ? k3s1_10a*weightConv[(int)k3s1_10b].factor : k3s1_10a*k3s1_10bbag	DOUBLE <span style="float: right;">stand_harvests5</span>

<p>K3S1_11. Was the area harvested less than the area planted?</p>	<p>SINGLE-SELECT <span style="float: right;">k3s1_11</span></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_12. Why was the area harvested less than the area planted?</p> <p>I PLEASE INDICATE ONLY THE MAIN REASON.</p> <p>E k3s1_11==1</p>	<p>SINGLE-SELECT <span style="float: right;">k3s1_12</span></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>K3S1_12oth. Please specify</p> <p>E k3s1_12==999</p>	<p>TEXT <span style="float: right;">k3s1_12oth</span></p> <p>.....</p>
<p>K3S1_13a. When did you finish harvesting %rosteritle% from %plotroster3_s1% during %season1%?</p>	<p>SINGLE-SELECT: COMBO BOX <span style="float: right;">k3s1_13a</span></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>K3S1_13b. In which half of %k3s1_13a% did you finish harvesting?</p>	<p>SINGLE-SELECT <span style="float: right;">k3s1_13b</span></p> <p>01 <input type="radio"/> FIRST HALF</p> <p>02 <input type="radio"/> SECOND HALF</p>
<p>K3S1_14. Who in the household makes the decision concerning the use of %rosteritle% harvested from %plotroster3_s1% during %season1%?</p> <p>I MAXIMUM 2 ANSWERS</p>	<p>MULTI-SELECT: LINKED <span style="float: right;">k3s1_14</span></p>

[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 <span style="float: right;">k3s1_29</span></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><a href="#">And 2 other symbols [10]</a></p>
<p>K3S1_29oth. Please specify</p> <p>E k3s1_29.Contains(1000)    k3s1_29.ContainsOnly(1000)</p>	<p>TEXT <span style="float: right;">k3s1_29oth</span></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 %rosteritle% planted in a dedicated area, or spread throughout %plotroster3_s1%?</p>	<p>SINGLE-SELECT <span style="float: right;">k3s1_30</span></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 %rosteritle% ?</p> <p>E k3s1_30==1</p>	<p>SINGLE-SELECT <span style="float: right;">k3s1_31</span></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 %rosteritle% are placed on this plot %plotroster3_s1%?</p> <p>V1 self&gt;0</p> <p>M1 Respondent said that this plot is planted with this crop. Quantity must be larger than zero.</p>	<p>NUMERIC: INTEGER <span style="float: right;">k3s1_32</span></p> <p>.....</p>
<p>K3S1_33. In what year were most of these %rosteritle% 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 <span style="float: right;">k3s1_33</span></p> <p>.....</p>
<p>K3S1_34. How many %rosteritle% were planted on %plotroster3_s1% from October 2016 to November 2017?</p> <p>I NUMBER OF PLANTED CROP</p> <p>V1 self&lt;=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 <span style="float: right;">k3s1_34</span></p> <p>.....</p>

<p>K3S1_36a. How much %roster% 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&gt;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&gt;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

K3S1_54. Did you use any organic fertilizer on %plotroster_s1% 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	k3s1_54
K3S1_55. What type of organic fertilizer was used on %plotroster_s1% from October 2016 to November 2017?  I MAXIMUM3 ANSWERS E k3s1_54==1	MULTI-SELECT 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)	k3s1_55

[K3-S1] AGROFORESTRY - SEASON 1 / PARCEL / PLOT / FERTILIZER  
Roster: ORGANIC FERTILIZER  
generated by multi-select question [k3s1\\_55](#)

organfert2\_s1

K3S1_55oth. Please specify  E @rowcode==1002	TEXT .....	k3s1_55oth
K3S1_56. How many times did you apply %rosteritle% on %plotroster_s1% from October 2016 to November 2017?  V1 self>0 M1 Respondent stated to have used %rosteritle% during %season1%. The refore must be larger than zero.	NUMERIC: INTEGER -----	k3s1_56
K3S1_58. Did you use any inorganic fertilizer on %plotroster_s1% 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	k3s1_58
K3S1_59. What types of inorganic fertilizer did you apply on %plotroster_s1% from October 2016 to November 2017?  I MAXIMUM3 ANSWERS E k3s1_58==1	MULTI-SELECT 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)	k3s1_59

[K3-S1] AGROFORESTRY - SEASON 1 / PARCEL / PLOT / FERTILIZER  
Roster: INORGANIC FERTILIZER  
generated by multi-select question [k3s1\\_59](#)

inorgfertilizer2\_s1

K3S1_59oth. Please specify  E @rowcode==1003	TEXT .....	k3s1_59oth
K3S1_60. How many times did you apply %rosteritle% on %plotroster_s1% during %season1%?	NUMERIC: INTEGER -----	k3s1_60
K3S1_61a. How much in total of %rosteritle% was applied on %plotroster_s1% during %season1%?  I QUANTITY V1 self>0 M1 Respondent stated to have used %rosteritle% during %season1% on p lot %plotroster_s1%. Therefore quantity must be larger than zero.	NUMERIC: DECIMAL -----	k3s1_61a

K3S1_61b. UNIT  E k3s1_61a>0	SINGLE-SELECT <span style="float: right;">k3s1_61b</span> 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
K3S1_61bbag. How many KGs does <u>ONE BAG</u> contain?  E k3s1_61b==4	NUMERIC: INTEGER <span style="float: right;">k3s1_61bbag</span> -----

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

K3S1_62. Did you use any pesticides / herbicides on this plot %plotroster_s1% from October 2016 to November 2017?  I MAXIMUM 3 ANSWERS E k3s1_62==1	SINGLE-SELECT <span style="float: right;">k3s1_62</span> 001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW
K3S1_63. What type(s) of pesticide / herbicide did you apply on plot %plotroster_s1% from October 2016 to November 2017?  I MAXIMUM 3 ANSWERS E k3s1_62==1	MULTI-SELECT <span style="float: right;">k3s1_63</span> 0801 <input type="checkbox"/> INSECTICIDE 0802 <input type="checkbox"/> HERBICIDE 0803 <input type="checkbox"/> FUNGICIDE 1004 <input type="checkbox"/> OTHER (SPECIFY)

[K3-S1] AGROFORESTRY - SEASON 1 / PARCEL / PLOT / WEED AND PEST CONTROL  
Roster: PESTICIDE/HERBICIDE  
generated by multi-select question [k3s1\\_63](#)

K3S1_63oth. Please specify  E @rowcode==1004	TEXT <span style="float: right;">pesticide2_s1</span> k3s1_63oth -----
K3S1_64. How many times did you apply %rostertitle% on plot %plotroster_s1% from October 2016 to November 2017?	NUMERIC: INTEGER <span style="float: right;">k3s1_64</span> -----
K3S1_65a. How much in total of %rostertitle% was applied on %plotroster_s1% from October 2016 to November 2017?  I QUANTITY	NUMERIC: DECIMAL <span style="float: right;">k3s1_65a</span> -----
K3S1_65b. UNIT  E k3s1_65a>0	SINGLE-SELECT <span style="float: right;">k3s1_65b</span> 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
K3S1_65bbag. How many KGs does <u>ONE BAG</u> contain?  E k3s1_65b==4	NUMERIC: INTEGER <span style="float: right;">k3s1_65bbag</span> -----



<p>K3S1_65bcan. How many LITERS does ONE CANISTER/BUCKET contain?</p> <p>E k3s1_65b==7</p>	<p>NUMERIC: DECIMAL <span style="float: right;">k3s1_65bcan</span></p> <p>-----</p>
--	---

[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 <span style="float: right;">k3s1_66</span></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 <span style="float: right;">k3s1_68</span></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&gt;0</p>	<p>NUMERIC: INTEGER <span style="float: right;">k3s1_69</span></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 <span style="float: right;">k3s1_70</span></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 <span style="float: right;">k3s1_72</span></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&gt;0</p>	<p>NUMERIC: INTEGER <span style="float: right;">k3s1_73</span></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 <span style="float: right;">k3s1_74</span></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 <span style="float: right;">k3s1_76</span></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&gt;0</p>	<p>NUMERIC: INTEGER <span style="float: right;">k3s1_77</span></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

cropdisposition2\_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	DOUBLE	stand_harvestcrops5
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))		

[K3-S1] AGROFORESTRY - SEASON 1 / %SEASON1% ANNUAL CROPS - POST-HARVEST AND SALES/DISPOSITION / CROP CROP 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	DOUBLE	standuse_homes5
k3s1_15b.InList(1,2,3) ? k3s1_15a*weightConv[(int)k3s1_15b].factor : k3s1_15a*k3s1_15bbag		
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&gt;0</p> <p>V1 stand_harvestcrops5&gt;=(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&gt;=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&gt;0</p> <p>V1 stand_harvestcrops5&gt;=(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&gt;=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&gt;0</p> <p>V1 stand_harvestcrops5&gt;=(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&gt;=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
--	---------------------

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&gt;0</p> <p>M1 Zero transactions seems unlikely. Please check.</p>	<p>NUMERIC: INTEGER <span style="float: right;">k3s1_24</span></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 <span style="float: right;">k3s1_25a</span></p> <p>-----</p>
<p>K3S1_25b. PLEASE SELECT THE MEAN OF TRANSPORT</p>	<p>SINGLE-SELECT <span style="float: right;">k3s1_25b</span></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 <span style="float: right;">k3s1_25both</span></p> <p>-----</p>
<p>K3S1_26. Who/What was the largest buyer/outlet for your %rosteritle% sales?</p>	<p>SINGLE-SELECT <span style="float: right;">k3s1_26</span></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 <span style="float: right;">k3s1_26oth</span></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&lt;=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 <span style="float: right;">k3s1_27</span></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 <span style="float: right;">k3s1_28</span></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 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)

V1 self.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%?	SINGLE-SELECT	k3s2_05
	01 <input type="radio"/> OWN MANUAL LABOR	
	02 <input type="radio"/> HIRED MANUAL LABOR	
	03 <input type="radio"/> OWN ANIMAL	
	04 <input type="radio"/> HIRED ANIMAL	
	05 <input type="radio"/> OWN MECHANICAL	
	06 <input type="radio"/> HIRED MECHANICAL	

[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%?	MULTI-SELECT	k3s2_06
I MAXIMUM 5 ANSWERS	301 <input type="checkbox"/> Cucumbers	
	302 <input type="checkbox"/> Eggplant	
	303 <input type="checkbox"/> Wheat	
	304 <input type="checkbox"/> Coliflower	
	305 <input type="checkbox"/> Other legumes	
	306 <input type="checkbox"/> Linen	
	307 <input type="checkbox"/> Spices	
	308 <input type="checkbox"/> Zucchini	
	309 <input type="checkbox"/> Pumpkin	
	310 <input type="checkbox"/> Paprika	
	311 <input type="checkbox"/> Cabbage	
	312 <input type="checkbox"/> Potatoes	
	313 <input type="checkbox"/> Sesame	
	314 <input type="checkbox"/> Pepper	
	315 <input type="checkbox"/> Beetroot	
	316 <input type="checkbox"/> Beans	
	<a href="#">And 24 other symbols [11]</a>	

[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](#)

K3S2_06oth. Please specify	TEXT	k3s2_06oth
E @rowcode==999	.....	
K3S2_07. Was the seeds/seedlings for %rosteritle% on %plotroster3_s2% during %season2% local, hybrid or improved?	SINGLE-SELECT	k3s2_07
	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	
K3S2_08a. How much seed did you plant for %rosteritle% on %plotroster3_s2% during %season2%?	NUMERIC: DECIMAL	k3s2_08a
I QUANTITY	-----	
K3S2_08b. UNIT OF SEEDS	SINGLE-SELECT	k3s2_08b
I UNIT OF QUANTITY	01 <input type="radio"/> KG	
E k3s2_08a>0	02 <input type="radio"/> TON	
	03 <input type="radio"/> GRAM	
	04 <input type="radio"/> BAGS	
	05 <input type="radio"/> SEEDLINGS	



<p>K3S2_08bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k3s2_08b==4</p>	<p>NUMERIC: INTEGER <span style="float: right;">k3s2_08bbag</span></p> <p>-----</p>
<p>K3S2_09a. When did you finish planting for %roster3_s2% 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 <span style="float: right;">k3s2_09a</span></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_09b. In which half of %k3s2_09a% did you finish planting?</p>	<p>SINGLE-SELECT <span style="float: right;">k3s2_09b</span></p> <p>01 <input type="radio"/> FIRST HALF</p> <p>02 <input type="radio"/> SECOND HALF</p>
<p>K3S2_10a. How much %roster3_s2% did you harvest from %plotroster3_s2% during %season2%?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL <span style="float: right;">k3s2_10a</span></p> <p>-----</p>
<p>K3S2_10b. UNIT OF HARVEST</p> <p>I UNIT</p> <p>E k3s2_10a&gt;0</p>	<p>SINGLE-SELECT <span style="float: right;">k3s2_10b</span></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>K3S2_10bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k3s2_10b==4</p>	<p>NUMERIC: INTEGER <span style="float: right;">k3s2_10bbag</span></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 <span style="float: right;">stand_harvests7</span></p>
<p>K3S2_11. Was the area harvested less than the area planted?</p>	<p>SINGLE-SELECT <span style="float: right;">k3s2_11</span></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_12. Why was the area harvested less than the area planted?</p> <p>I PLEASE INDICATE ONLY THE MAIN REASON.</p> <p>E k3s2_11==1</p>	<p>SINGLE-SELECT <span style="float: right;">k3s2_12</span></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>K3S2_12oth. Please specify</p> <p>E k3s2_12==999</p>	<p>TEXT <span style="float: right;">k3s2_12oth</span></p> <p>.....</p>
<p>K3S2_13a. When did you finish harvesting %rosteritle% from %plotroster3_s2% during %season2%?</p> <p>E k3s2_10a&gt;0</p>	<p>SINGLE-SELECT: COMBO BOX <span style="float: right;">k3s2_13a</span></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&gt;0</p>	<p>SINGLE-SELECT <span style="float: right;">k3s2_13b</span></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 MAXIMUM 2 ANSWERS</p>	<p>MULTI-SELECT: LINKED <span style="float: right;">k3s2_14</span></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 MAXIMUM 5 ANSWERS</p>	<p>MULTI-SELECT <span style="float: right;">k3s2_29</span></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><a href="#">And 2 other symbols [12]</a></p>
<p>K3S2_29oth. Please specify</p> <p>E k3s2_29.Contains(1000)    k3s2_29.ContainsOnly(1000)</p>	<p>TEXT <span style="float: right;">k3s2_29oth</span></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 <span style="float: right;">k3s2_30</span></p> <p>01 <input type="radio"/> Dedicated Area</p> <p>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 <span style="float: right;">k3s2_31</span></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>K3S2_32. How many %rosteritle% are placed on this plot %plotroster3_s2%?</p> <p>V1 self&gt;0</p> <p>M1 Respondent said that this plot is planted with this crop. Quantity must be larger than zero.</p>	<p>NUMERIC: INTEGER <span style="float: right;">k3s2_32</span></p> <p>-----</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</p> <p>V1 self.InRange(1850,2017)    self==888</p> <p>M1 This year seems unlikely. Please check.</p>	<p>NUMERIC: INTEGER <span style="float: right;">k3s2_33</span></p> <p>-----</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</p> <p>V1 self&lt;=k3s2_32</p> <p>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 <span style="float: right;">k3s2_34</span></p> <p>-----</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 <span style="float: right;">k3s2_36a</span></p> <p>-----</p>
<p>K3S2_36b. UNIT OF HARVEST</p> <p>I UNIT</p> <p>E k3s2_36a&gt;0</p>	<p>SINGLE-SELECT <span style="float: right;">k3s2_36b</span></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>K3S2_36c. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k3s2_36b==4</p>	<p>NUMERIC: INTEGER <span style="float: right;">k3s2_36c</span></p> <p>-----</p>
<p>VARIABLE</p> <p>k3s2_36b.InList(1,2,3) ? k3s2_36a*weightConv[(int)k3s2_36b].factor : k3s2_36a*k3s2_36c</p>	<p>DOUBLE <span style="float: right;">stand_harvests8</span></p>
<p>[K3-S2] AGROFORESTRY - SEASON 2 / PARCEL / PLOT</p> <p><b>IRRIGATION</b></p>	
<p>K3S2_51. from October 2016 to November 2017, was plot %plotroster3_s2% irrigated?</p>	<p>SINGLE-SELECT <span style="float: right;">k3s2_51</span></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_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>
<p>K3S2_52oth. Please specify the primary source of water for irrigation.</p> <p>E k3s2_52==999</p> <p>V1 self.Length&gt;2</p> <p>M1 Description is too short! Please specify more.</p>	<p>TEXT k3s2_52oth</p> <p>.....</p>
<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>
<p>K3S2_53oth. Please specify the primary method for distributing water for irrigation.</p> <p>E k3s2_53==999</p> <p>V1 self.Length&gt;2</p> <p>M1 Description is too short! Please specify more.</p>	<p>TEXT k3s2_53oth</p> <p>.....</p>

[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 MAXIMUM 3 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>

[K3-S2] AGROFORESTRY - SEASON 2 / PARCEL / PLOT / FERTILIZER  
Roster: ORGANIC FERTILIZER  
generated by multi-select question [k3s2\\_55](#)

<p>K3S2_55oth. Please specify</p> <p>E @rowcode==1002</p>	<p>TEXT k3s2_55oth</p> <p>.....</p>
<p>K3S2_56. How many times did you apply %rosteritle% on %plotroster3_s2% from October 2016 to November 2017?</p> <p>V1 self&gt;0</p> <p>M1 Respondent stated to have used %rosteritle% during the last 12 months. Therefore must be larger than zero.</p>	<p>NUMERIC: INTEGER k3s2_56</p> <p>-----</p>

K3S2_58. Did you use any inorganic fertilizer on %plotroster3_s2% 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	k3s2_58
K3S2_59. What types of inorganic fertilizer did you apply on %plotroster3_s2% from October 2016 to November 2017?  I MAXIMUM 3 ANSWERS E k3s2_58==1	MULTI-SELECT 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)	k3s2_59

[K3-S2] AGROFORESTRY - SEASON 2 / PARCEL / PLOT / FERTILIZER  
**Roster: INORGANIC FERTILIZER**  
 generated by multi-select question [k3s2\\_59](#)

inorgfertilizer2\_s2

K3S2_59oth. Please specify  E @rowcode==1003	TEXT .....	k3s2_59oth
K3S2_60. How many times did you apply %rosteritle% on %plotroster3_s2% from October 2016 to November 2017?	NUMERIC: INTEGER -----	k3s2_60
K3S2_61a. How much in total of %rosteritle% was applied on %plotroster3_s2% from October 2016 to November 2017?  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 .	NUMERIC: DECIMAL -----	k3s2_61a
K3S2_61b. UNIT  E k3s2_61a>0	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	k3s2_61b
K3S2_61bbag. How many KGs does <u>ONE BAG</u> contain?  E k3s2_61b==4	NUMERIC: INTEGER -----	k3s2_61bbag

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

K3S2_62. Did you use any pesticides / herbicides on this plot %plotroster3_s2% 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	k3s2_62
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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</p> <p>E k3s2_62==1</p>	<p>MULTI-SELECT</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>	k3s2_63
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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</p> <p>-----</p>	k3s2_63oth
<p>K3S2_64. How many times did you apply %rosteritle% on plot %plotroster3_s2% from October 2016 to November 2017?</p>	<p>NUMERIC: INTEGER</p> <p>-----</p>	k3s2_64
<p>K3S2_65a. How much in total of %rosteritle% was applied on %plotroster3_s2% from October 2016 to November 2017?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL</p> <p>-----</p>	k3s2_65a
<p>K3S2_65b. UNIT</p> <p>E k3s2_65a&gt;0</p>	<p>SINGLE-SELECT</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>	k3s2_65b
<p>K3S2_65bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k3s2_65b==4</p>	<p>NUMERIC: INTEGER</p> <p>-----</p>	k3s2_65bbag
<p>K3S2_65bcan. How many LITERS does ONE CANISTER/BUCKET contain?</p> <p>E k3s2_65b==7</p>	<p>NUMERIC: DECIMAL</p> <p>-----</p>	k3s2_65bcan

[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</p> <p>-----</p>	k3s2_66
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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 <span style="float: right;">k3s2_68</span></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&gt;0</p>	<p>NUMERIC: INTEGER <span style="float: right;">k3s2_69</span></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 <span style="float: right;">k3s2_70</span></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 <span style="float: right;">k3s2_72</span></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&gt;0</p>	<p>NUMERIC: INTEGER <span style="float: right;">k3s2_73</span></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 <span style="float: right;">k3s2_74</span></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 <span style="float: right;">k3s2_76</span></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&gt;0</p>	<p>NUMERIC: INTEGER <span style="float: right;">k3s2_77</span></p> <p>-----</p>

[K3-S2] AGROFORESTRY - SEASON 2

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

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[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 parcelroster6.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&gt;0</p> <p>V1 stand_harvestcrops7&gt;=(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 <span style="float:right">k3s2_17b</span></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&gt;=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 <span style="float:right">k3s2_17bbag</span></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 <span style="float:right">standuse_feeds7</span></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 <span style="float:right">k3s2_18a</span></p> <p>-----</p>
<p>K3S2_18b. UNIT</p> <p>E k3s2_18a&gt;0</p> <p>V1 stand_harvestcrops7&gt;=(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 <span style="float:right">k3s2_18b</span></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&gt;=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 <span style="float:right">k3s2_18bbag</span></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 <span style="float:right">standuse_oths7</span></p>
<p>VARIABLE</p> <p>new[]{standuse_homes7, standuse_sales7, standuse_feeds7, standuse_oths7}.Sum()</p>	<p>DOUBLE <span style="float:right">sum_uses7</span></p>
<p>STATIC TEXT</p> <p><b>THE TOTAL SUM OF USES OF %rosteritle% HARVESTED DURING %season2%: %sum_uses7% KG.</b></p>	
<p>STATIC TEXT</p> <p>E stand_harvestcrops7&lt;sum_uses7</p> <p><b>PLEASE CHECK HARVESTED AMOUNT AND THIS SECTION. THE TOTAL SUM OF USES IS LARGER THAN THE TOTAL AMOUNT OF %rosteritle% HARVESTED DURING %season2%</b></p> <p><b>TOTAL SUM HARVESTED: %stand_harvestcrops7% KG.</b></p> <p><b>TOTAL SUM OF USE: %sum_uses7% KG</b></p>	
<p>[K3-S2] AGROFORESTRY - SEASON 2 / %SEASON2% ANNUAL CROPS - POST-HARVEST AND SALES/DISPOSITION / CROP POST HARVEST &amp; 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 <span style="float: right;">k3s2_19</span></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 MAXIMUM 2 ANSWERS</p> <p>E k3s2_19!=1</p>	<p>MULTI-SELECT <span style="float: right;">k3s2_20</span></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 <span style="float: right;">k3s2_21</span></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

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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 <span style="float: right;">k3s2_22</span></p> <p>-----</p>
<p>K3S2_23. Who in your household kept / decided what to do with these earnings?</p> <p>I MAXIMUM 2 ANSWERS</p>	<p>MULTI-SELECT: LINKED <span style="float: right;">k3s2_23</span></p>
<p>K3S2_24. On average, how many transactions took place while selling %rosteritle% ?</p> <p>V1 self&gt;0</p> <p>M1 Zero transactions seems unlikely. Please check.</p>	<p>NUMERIC: INTEGER <span style="float: right;">k3s2_24</span></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 <span style="float: right;">k3s2_25a</span></p> <p>-----</p>
<p>K3S2_25b. PLEASE SELECT THE MEAN OF TRANSPORT</p>	<p>SINGLE-SELECT <span style="float: right;">k3s2_25b</span></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>

K3S2_25both. Please specify.	TEXT k3s2_25both
E k3s2_25b==999	.....
K3S2_26. Who/What was the largest buyer/outlet for your %rosteritle% sales?	SINGLE-SELECT k3s2_26 001 <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
K3S2_26oth. Please specify.	TEXT k3s2_26oth
E k3s2_26==999	.....
K3S2_27. What was the total value of all sales of %rosteritle% to the largest buyer %k3s2_26% during %season2%?	NUMERIC: INTEGER k3s2_27 -----
I IN SOMONI V1 self<=k3s2_22 M1 Value of sales to largest buyer of unprocessed %rosteritle% can not be larger than the value of total sales during %season2%. Please check.	
K3S2_28. Was the sale of %rosteritle% to LARGEST BUYER part of an outgrower scheme or contract farming during the %season2%?	SINGLE-SELECT k3s2_28 001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW

## [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.plo [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 \[7\]](#)

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%?	MULTI-SELECT: LINKED	k1s2_1
I SELECT UP TO 2 HOUSEHOLD MEMBERS.		

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

K1S2_3. How was crop residue on %rosteritle% from previous planting season mainly used / disposed of?	SINGLE-SELECT 01 <input type="radio"/> LEFT IN THE FIELD THEN PLOWED / INCORPORATED INTO THE FIELD 02 <input type="radio"/> LEFT IN THE FIELD AND GRAZED BY ANIMALS 03 <input type="radio"/> BURNED ON THE FIELD 04 <input type="radio"/> CUT AND SPREAD ON THE FIELD 05 <input type="radio"/> CUT AND REMOVED FROM THE FIELD AND FED TO ANIMALS 06 <input type="radio"/> CUT AND REMOVED FROM FIELD FOR OTHER HOUSEHOLD USE 07 <input type="radio"/> NEW FIELD, CLEARED LATER 08 <input type="radio"/> LEFT IN THE FIELD OR DID NOTHING	k1s2_3
K1S2_4. How did you prepare the soil for planting on %rosteritle% during %season2%?  I MAXIMUM 3 ANSWERS	MULTI-SELECT 001 <input type="checkbox"/> HAND HOEING 002 <input type="checkbox"/> PLOWING - MOLDBOARD 003 <input type="checkbox"/> PLOWING - DISC 004 <input type="checkbox"/> ZERO / MINIMUM TILLAGE 006 <input type="checkbox"/> MANURE APPLICATION 007 <input type="checkbox"/> FUMIGATION 008 <input type="checkbox"/> RIDGING 999 <input type="checkbox"/> OTHER (SPECIFY)	k1s2_4
K1S2_4oth. Please specify how you prepared the soil  E k1s2_4.Contains(999) V1 self.Length>2 M1 Description too short! Please specify more.	TEXT  .....	k1s2_4oth
K1S2_5. What was the main source of power used to prepare the soil for planting on %rosteritle% during %season2%?	SINGLE-SELECT 01 <input type="radio"/> OWN MANUAL LABOR 02 <input type="radio"/> HIRED MANUAL LABOR 03 <input type="radio"/> OWN ANIMAL 04 <input type="radio"/> HIRED ANIMAL 05 <input type="radio"/> OWN MECHANICAL 06 <input type="radio"/> HIRED MECHANICAL	k1s2_5

<p>K1S2_6. Which ANNUAL crops were planted on %rosteritle% during %season2%?</p> <p>I MAXIMUM 5 ANSWERS</p>	<p>MULTI-SELECT <span style="float: right;">k1s2_6</span></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><a href="#">And 24 other symbols [13]</a></p>
<p>K1S2_6oth. Please specify</p> <p>E k1s2_6.Contains(999)    k1s2_6.Containsonly(999)</p>	<p>TEXT <span style="float: right;">k1s2_6oth</span></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 <span style="float: right;">k1s2_7</span></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 <span style="float: right;">k1s2_8</span></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&gt;2</p> <p>M1 Description is too short! Please specify more.</p>	<p>TEXT <span style="float: right;">k1s2_8oth</span></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 <span style="float: right;">k1s2_9</span></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&gt;2</p> <p>M1 Description is too short! Please specify more.</p>	<p>TEXT <span style="float: right;">k1s2_9oth</span></p> <p>.....</p>

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

K1S2_10. Did you use any organic fertilizer on %rosteritle% during %season2%?	<p>SINGLE-SELECT <span style="float: right;">k1s2_10</span></p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
K1S2_11. What type of organic fertilizer was used on %rosteritle% in the %season2%?	<p>MULTI-SELECT <span style="float: right;">k1s2_11</span></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>

I MAXIMUM3 ANSWERS  
E k1s2\_10==1

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

Roster: ORGANIC FERTILIZER

generated by multi-select question [k1s2\\_11](#)

organfert\_s2

K1S2_11oth. Please specify	<p>TEXT <span style="float: right;">k1s2_11oth</span></p> <p>.....</p>
K1S2_12. How many times did you apply %rosteritle% on %plotroster2_s2% during %season2%?	<p>NUMERIC: INTEGER <span style="float: right;">k1s2_12</span></p> <p>-----</p>
K1S2_14. Did you use any inorganic fertilizer on %plotroster2_s2% during %season2%?	<p>SINGLE-SELECT <span style="float: right;">k1s2_14</span></p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>
K1S2_15. What types of inorganic fertilizer did you apply on %plotroster2_s2% during %season2%?	<p>MULTI-SELECT <span style="float: right;">k1s2_15</span></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>

V1 self>0

M1 Respondent stated to have used %rosteritle% during %season2%. The refore must be larger than zero.

I MAXIMUM3 ANSWERS  
E k1s2\_14==1

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

Roster: INORGANIC FERTILIZER

generated by multi-select question [k1s2\\_15](#)

inorgfertilizer\_s2

K1S2_15oth. Please specify	<p>TEXT <span style="float: right;">k1s2_15oth</span></p> <p>.....</p>
K1S2_16. How many times did you apply %rosteritle% on %plotroster2_s2% during %season2%?	<p>NUMERIC: INTEGER <span style="float: right;">k1s2_16</span></p> <p>-----</p>

E @rowcode==1003

<p>K1S2_17a. How much in total of %rosteritle% was applied on %plotroster2_s2% during %season2%?</p> <p>I QUANTITY</p> <p>V1 self&gt;0</p> <p>M1 Respondent stated to have used %rosteritle% during %season2% on p lot %plotroster2_s2%. Therefore quantity must be larger than zero.</p>	<p>NUMERIC: DECIMAL</p> <p>k1s2_17a</p> <p>-----</p>
<p>K1S2_17b. UNIT</p>	<p>SINGLE-SELECT</p> <p>k1s2_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"/> BAGS</p> <p>05 <input type="radio"/> LITER</p> <p>06 <input type="radio"/> MILLILITER</p> <p>07 <input type="radio"/> TABLETS</p>
<p>K1S2_17bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k1s2_17b==4</p>	<p>NUMERIC: INTEGER</p> <p>k1s2_17bbag</p> <p>-----</p>

[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</p> <p>k1s2_18</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_19. What type(s) of pesticide / herbicide did you apply on plot %plotroster2_s2% during %season2%?</p> <p>I MAXIMUM3 ANSWERS</p> <p>E k1s2_18==1</p>	<p>MULTI-SELECT</p> <p>k1s2_19</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>

[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</p> <p>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</p> <p>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</p> <p>k1s2_21a</p> <p>-----</p>



K1S2_21b. UNIT E k1s2_21a>0	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	k1s2_21b
K1S2_21bbag. How many KGs does <u>ONE BAG</u> contain? E k1s2_21b==4	NUMERIC: INTEGER -----	k1s2_21bbag
K1S2_21bcan. How many LITERS does ONE CANISTER/BUCKET contain? E k1s2_21b==7	NUMERIC: DECIMAL -----	k1s2_21bcan

[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**

K1S2_22. How many days of family labor were worked on land preparation / planting on %plotroster2_s2% during %season2%? I PERSON-DAYS	NUMERIC: DECIMAL -----	k1s2_22
K1S2_24. How many days of hired labor were worked on land preparation / planting on %plotroster2_s2% during %season2%? I PERSON-DAYS	NUMERIC: DECIMAL -----	k1s2_24
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%? I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI. E k1s2_24>0	NUMERIC: INTEGER -----	k1s2_25

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

K1S2_26. How many days of family labor were worked on HARVEST on %plotroster2_s2% during %season2%? I PERSON-DAYS	NUMERIC: DECIMAL -----	k1s2_26
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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 <span style="float: right;">k1s2_28</span></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&gt;0</p>	<p>NUMERIC: INTEGER <span style="float: right;">k1s2_29</span></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 <span style="float: right;">k1s2_30</span></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 <span style="float: right;">k1s2_32</span></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&gt;0</p>	<p>NUMERIC: INTEGER <span style="float: right;">k1s2_33</span></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 %rosteritle% on %plotroster_s2% during %season2% local, hybrid or improved?</p>	<p>SINGLE-SELECT <span style="float: right;">k1s2_34</span></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 %rosteritle% on %plotroster2_s2% during %season2%?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL <span style="float: right;">k1s2_35a</span></p> <p>-----</p>
<p>K1S2_35b. UNIT OF SEEDS</p> <p>I UNIT OF QUANTITY</p> <p>E k1s2_35a&gt;0</p>	<p>SINGLE-SELECT <span style="float: right;">k1s2_35b</span></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 <span style="float: right;">k1s2_35bbag</span></p> <p>-----</p>
<p>K1S2_36a. When did you finish planting for %roster2% 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 <span style="float: right;">k1s2_36a</span></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_36b. In which half of %k1s2_36a% did you finish planting?</p>	<p>SINGLE-SELECT <span style="float: right;">k1s2_36b</span></p> <p>01 <input type="radio"/> FIRST HALF</p> <p>02 <input type="radio"/> SECOND HALF</p>
<p>K1S2_37a. How much %roster2% did you harvest from %plotroster2_s2% during %season2%?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL <span style="float: right;">k1s2_37a</span></p> <p>-----</p>
<p>K1S2_37b. UNIT OF HARVEST</p> <p>I UNIT</p> <p>E k1s2_37a&gt;0</p>	<p>SINGLE-SELECT <span style="float: right;">k1s2_37b</span></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>K1S2_37bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k1s2_37b==4</p>	<p>NUMERIC: INTEGER <span style="float: right;">k1s2_37bbag</span></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 <span style="float: right;">stand_harvests2</span></p>
<p>K1S2_38. Was the area harvested less than the area planted?</p>	<p>SINGLE-SELECT <span style="float: right;">k1s2_38</span></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_39. Why was the area harvested less than the area planted?</p> <p>I PLEASE INDICATE ONLY THE MAIN REASON.</p> <p>E k1s2_38==1</p>	<p>SINGLE-SELECT <span style="float: right;">k1s2_39</span></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>

K1S2_39oth. Please specify  E k1s2_39==999	TEXT <span style="float: right;">k1s2_39oth</span>  .....
K1S2_40a. When did you finish harvesting %rosteritle% from %plotroster2_s2% during %season2%?	SINGLE-SELECT: COMBO BOX <span style="float: right;">k1s2_40a</span> 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
K1S2_40b. In which half of %k1s2_40a% did you finish harvesting?	SINGLE-SELECT <span style="float: right;">k1s2_40b</span> 01 <input type="radio"/> FIRST HALF 02 <input type="radio"/> SECOND HALF
K1S2_41. Who in the household makes the decision concerning the use of %rosteritle% harvested from %plotroster2_s2% during %season2%?  I MAXIMUM 2 ANSWERS	MULTI-SELECT: LINKED <span style="float: right;">k1s2_41</span>

[K1-S2]. AGRICULTURAL PRODUCTION %SEASON2%  
%SEASON2% POST-HARVEST AND SALES/DISPOSITION  
E j0\_1.Contains(2)

<p>[K1-S2]. AGRICULTURAL PRODUCTION %SEASON2% / %SEASON2% POST-HARVEST AND SALES/DISPOSITION</p> <p><b>Roster: CROP</b></p> <p>generated by fixed list</p> <div> 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 </div>	cropdisposition_s2
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- 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
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[K1-S2]. AGRICULTURAL PRODUCTION %SEASON2% / %SEASON2% POST-HARVEST AND SALES/DISPOSITION / CROP  
CROP USES %SEASON2%

<p>K1S2_42a. How much of %rosteritle% harvested during %season2% was used for <u>OWN CONSUMPTION</u>?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL <span style="float: right;">k1s2_42a</span></p> <p>-----</p>
<p>K1S2_42b. UNIT</p> <p>E k1s2_42a&gt;0</p> <p>V1 stand_harvestcrops2&gt;=(k1s2_42b.InList(1,2,3) ? k1s2_42a*weightConv[(int)k1s2_42b].factor : 0)</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season2%. PLEASE CHECK</p>	<p>SINGLE-SELECT <span style="float: right;">k1s2_42b</span></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>K1S2_42bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k1s2_42b==4</p> <p>V1 stand_harvestcrops2&gt;=k1s2_42a*k1s2_42bbag</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season2%. PLEASE CHECK</p>	<p>NUMERIC: INTEGER <span style="float: right;">k1s2_42bbag</span></p> <p>-----</p>
<p>VARIABLE k1s2_42b.InList(1,2,3) ? k1s2_42a*weightConv[(int)k1s2_42b].factor : k1s2_42a*k1s2_42bbag</p>	<p>DOUBLE <span style="float: right;">standuse_homes2</span></p>

<p>K1S2_43a. How much of %rosteritle% harvested during %season2% was <u>SOLD</u>?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL</p> <p>k1s2_43a</p> <p>-----</p>
<p>K1S2_43b. UNIT</p> <p>E k1s2_43a&gt;0</p> <p>VI stand_harvestcrops2&gt;=(k1s2_43b.InList(1,2,3) ? k1s2_43a*weightConv[(int)k1s2_43b].factor : 0)</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season2%. PLEASE CHECK</p>	<p>SINGLE-SELECT</p> <p>k1s2_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>K1S2_43bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k1s2_43b==4</p> <p>VI stand_harvestcrops2&gt;=k1s2_43a*k1s2_43bbag</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season2%. PLEASE CHECK</p>	<p>NUMERIC: INTEGER</p> <p>k1s2_43bbag</p> <p>-----</p>
<p>VARIABLE</p> <p>k1s2_43b.InList(1,2,3) ? k1s2_43a*weightConv[(int)k1s2_43b].factor : k1s2_43a*k1s2_43bbag</p>	<p>DOUBLE</p> <p>standuse_saless2</p>
<p>K1S2_44a. How much of %rosteritle% harvested during %season2% was used for <u>ANIMAL FEED</u>?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL</p> <p>k1s2_44a</p> <p>-----</p>
<p>K1S2_44b. UNIT</p> <p>E k1s2_44a&gt;0</p> <p>VI stand_harvestcrops2&gt;=(k1s2_44b.InList(1,2,3) ? k1s2_44a*weightConv[(int)k1s2_44b].factor : 0)</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season2%. PLEASE CHECK</p>	<p>SINGLE-SELECT</p> <p>k1s2_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>K1S2_44bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k1s2_44b==4</p> <p>VI stand_harvestcrops2&gt;=k1s2_44a*k1s2_44bbag</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season2%. PLEASE CHECK</p>	<p>NUMERIC: INTEGER</p> <p>k1s2_44bbag</p> <p>-----</p>
<p>VARIABLE</p> <p>k1s2_44b.InList(1,2,3) ? k1s2_44a*weightConv[(int)k1s2_44b].factor : k1s2_44a*k1s2_44bbag</p>	<p>DOUBLE</p> <p>standuse_feeds2</p>
<p>K1S2_45a. How much of %rosteritle% harvested during %season2% was dedicated to <u>OTHER USES</u>?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL</p> <p>k1s2_45a</p> <p>-----</p>
<p>K1S2_45b. UNIT</p> <p>E k1s2_45a&gt;0</p> <p>VI stand_harvestcrops2&gt;=(k1s2_45b.InList(1,2,3) ? k1s2_45a*weightConv[(int)k1s2_45b].factor : 0)</p> <p>M1 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST DURING %season2%. PLEASE CHECK</p>	<p>SINGLE-SELECT</p> <p>k1s2_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>K1S2_45bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k1s2_45b==4</p> <p>V1 stand_harvestcrops2&gt;=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</p> <p>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</p> <p>standuse_oths2</p>
<p>VARIABLE</p> <p>new[] {standuse_homes2, standuse_saless2,standuse_feeds2, standuse_oths2}.Sum()</p>	<p>DOUBLE</p> <p>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</p> <p>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 MAXIMUM 2 ANSWERS</p> <p>E k1s2_46!=1</p>	<p>MULTI-SELECT</p> <p>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</p> <p>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 MAXIMUM 2 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 self&lt;=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</p> <p>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</p> <p>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</p> <p>k2s1_1</p>
<p>K2S1_2. From October 2016 to November 2017, was plot %treeroster1% irrigated?</p>	<p>SINGLE-SELECT</p> <p>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</p> <p>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 self.Length&gt;2</p> <p>M1 Description is too short! Please specify more.</p>	<p>TEXT</p> <p>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 <span style="float: right;">k2s1_4</span></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>V1 self.Length&gt;2</p> <p>M1 Description is too short! Please specify more.</p>	<p>TEXT <span style="float: right;">k2s1_4oth</span></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 <span style="float: right;">k2s1_5</span></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><a href="#">And 5 other symbols [14]</a></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 <span style="float: right;">k3s1_5oth</span></p> <p>.....</p>
<p>K2S1_6. Is the %roster1% planted in a dedicated area, or spread throughout %treeroster1%?</p>	<p>SINGLE-SELECT <span style="float: right;">k2s1_6</span></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 %roster1% ?</p> <p>E k2s1_6==1</p>	<p>SINGLE-SELECT <span style="float: right;">k2s1_7</span></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 %roster1% are placed on this plot %treeroster1%?</p> <p>V1 self&gt;0</p> <p>M1 Respondent said that this plot is planted with this crop. Quantity must be larger than zero.</p>	<p>NUMERIC: INTEGER <span style="float: right;">k2s1_8</span></p> <p>.....</p>

<p>K2S1_9. In what year were most of these %roster1% planted on plot %treero1%?</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</p> <p>k2s1_9</p> <p>-----</p>
<p>K2S1_10. How many %roster1% were planted on %treero1% from October 2016 to November 2017?</p> <p>I NUMBER OF PLANTED CROP</p> <p>V1 self&lt;=k2s1_8</p> <p>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</p> <p>k2s1_10</p> <p>-----</p>
<p>K2S1_12a. How much %roster1% did you harvest from %treero1% from October 2016 to November 2017?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL</p> <p>k2s1_12a</p> <p>-----</p>
<p>K2S1_12b. UNIT OF HARVEST</p> <p>I UNIT</p> <p>E k2s1_12a&gt;0</p>	<p>SINGLE-SELECT</p> <p>k2s1_12b</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_12c. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k2s1_12b==4</p>	<p>NUMERIC: INTEGER</p> <p>k2s1_12c</p> <p>-----</p>
<p>VARIABLE</p> <p>k2s1_12b.InList(1,2,3) ? k2s1_12a*weightConv[(int)k2s1_12b].factor : k2s1_12a*k2s1_12c</p>	<p>DOUBLE</p> <p>stand_harvests3</p>

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

<p>K2S1_13. Did you use any organic fertilizer on %treero1% from October 2016 to November 2017?</p>	<p>SINGLE-SELECT</p> <p>k2s1_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>K2S1_14. What type of organic fertilizer was used on %treero1% from October 2016 to November 2017?</p> <p>I MAXIMUM 3 ANSWERS</p> <p>E k2s1_13==1</p>	<p>MULTI-SELECT</p> <p>k2s1_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>

[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</p> <p>k2s1_14oth</p> <p>-----</p>
---	--

<p>K2S1_15. How many times did you apply %rosteritle% on %treeroster1% from October 2016 to November 2017?</p> <p>VI self&gt;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 self&gt;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&gt;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 <span style="float: right;">k2s1_43</span> 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?  I MAXIMUM 3 ANSWERS E k2s1_43==1	MULTI-SELECT <span style="float: right;">k2s1_44</span> 0801 <input type="checkbox"/> INSECTICIDE 0802 <input type="checkbox"/> HERBICIDE 0803 <input type="checkbox"/> FUNGICIDE 1004 <input type="checkbox"/> OTHER (SPECIFY)

[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  E @rowcode==1004	TEXT <span style="float: right;">k2s1_44oth</span> .....
K2S1_45. How many times did you apply %rosteritle% on plot %treeroster1% from October 2016 to November 2017?	NUMERIC: INTEGER <span style="float: right;">k2s1_45</span> -----
K2S1_46a. How much in total of %rosteritle% was applied on %treeroster1% from October 2016 to November 2017?  I QUANTITY	NUMERIC: DECIMAL <span style="float: right;">k2s1_46a</span> -----
K2S1_46b. UNIT	SINGLE-SELECT <span style="float: right;">k2s1_46b</span> 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?  E k2s1_46b==4	NUMERIC: INTEGER <span style="float: right;">k2s1_46bbag</span> -----
K2S1_46bcan. How many LITERS does ONE CANISTER/BUCKET contain?  E k2s1_46b==7	NUMERIC: DECIMAL <span style="float: right;">k2s1_46bcan</span> -----

[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 <span style="float: right;">k2s1_21</span></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 <span style="float: right;">k2s1_23</span></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&gt;0</p>	<p>NUMERIC: INTEGER <span style="float: right;">k2s1_24</span></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 <span style="float: right;">k2s1_25</span></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 <span style="float: right;">k2s1_27</span></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&gt;0</p>	<p>NUMERIC: INTEGER <span style="float: right;">k2s1_28</span></p> <p>-----</p>

[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS

**Roster: PARCEL**

generated by list question [j1\\_1](#)

parcelroster4

E plotroster\_s2.Any(x=>x.j2s2\_7==2 && x.j2s2\_10==2) || plotroster\_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) && plotroster\_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 MAXIMUM 2 ANSWERS</p>	<p>MULTI-SELECT: LINKED <span style="float: right;">k2s2_1</span></p>
---	---

K2S2_2. From October 2016 to November 2017, was plot %treeroster2% irrigated?	SINGLE-SELECT <span style="float: right;">k2s2_2</span> 01 <input type="radio"/> YES 02 <input type="radio"/> NO
K2S2_3. What is the primary source of water for irrigation on %treeroster2% ?  I Difference between BOREHOLE and WELL is whether the well is drilled (BOREHOLE) or dug (WELL) E k2s2_2==1	SINGLE-SELECT <span style="float: right;">k2s2_3</span> 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
K2S2_3oth. Please specify the primary source of water for irrigation.  E k2s2_3==999 V1 self.Length>2 M1 Description is too short! Please specify more.	TEXT <span style="float: right;">k2s2_3oth</span> <div style="border-bottom: 1px solid black; height: 1.2em; width: 100%;"></div>
K2S2_4. What was the primary method for distributing water for irrigation on plot from October 2016 to November 2017?  E k2s2_2==1	SINGLE-SELECT <span style="float: right;">k2s2_4</span> 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
K2S2_4oth. Please specify the primary method for distributing water for irrigation.  E k2s2_4==999 V1 self.Length>2 M1 Description is too short! Please specify more.	TEXT <span style="float: right;">k2s2_4oth</span> <div style="border-bottom: 1px solid black; height: 1.2em; width: 100%;"></div>
K2S2_5. Which trees / permanent crops were harvested from %treeroster2% from October 2016 to November 2017?  I MAXIMUM 5 ANSWERS	MULTI-SELECT <span style="float: right;">k2s2_5</span> 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  <a href="#">And 5 other symbols [15]</a>

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

Roster: CROP

generated by multi-select question [k2s2\\_5](#)

roster\_perencrop2

K2S2_5oth. Please specify  E @rowcode==1000	TEXT <span style="float: right;">k2s2_5oth</span> <div style="border-bottom: 1px solid black; height: 1.2em; width: 100%;"></div>
---	--

K2S2_6. Is the %rosteritle% planted in a dedicated area, or spread throughout %treeroster2%?	SINGLE-SELECT <span style="float: right;">k2s2_6</span> 01 <input type="radio"/> Dedicated Area 02 <input type="radio"/> Spread Throughout
K2S2_7. Approximately how much of %treeroster2% was/is planted with %rosteritle% ?	SINGLE-SELECT <span style="float: right;">k2s2_7</span> 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
K2S2_8. How many %rosteritle% are placed on this plot %treeroster2%?  V1 self>0 M1 Respondent said that this plot is planted with this crop. Quantity must be larger than zero.	NUMERIC: INTEGER <span style="float: right;">k2s2_8</span> -----
K2S2_9. In what year were most of these %rosteritle% planted on plot %treeroster2%?  I YEAR IF DONT KNOW ENTER 888 V1 self.InRange(1850,2017)    self==888 M1 This year seems unlikely. Please check.	NUMERIC: INTEGER <span style="float: right;">k2s2_9</span> -----
K2S2_10. How many %rosteritle% were planted on %treeroster2% from October 2016 to November 2017?  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.	NUMERIC: INTEGER <span style="float: right;">k2s2_10</span> -----
K2S2_12a. How much %rosteritle% did you harvest from %treeroster2% from October 2016 to November 2017?  I QUANTITY	NUMERIC: DECIMAL <span style="float: right;">k2s2_12a</span> -----
K2S2_12b. UNIT OF HARVEST  I UNIT	SINGLE-SELECT <span style="float: right;">k2s2_12b</span> 01 <input type="radio"/> KG 02 <input type="radio"/> TON 03 <input type="radio"/> GRAM 04 <input type="radio"/> BAGS
K2S2_12c. How many KGs does <u>ONE BAG</u> contain?  E k2s2_12b==4	NUMERIC: INTEGER <span style="float: right;">k2s2_12c</span> -----
VARIABLE k2s2_12b.InList(1,2,3) ? k2s2_12a*WeightConv[(int)k2s2_12b].factor : k2s2_12a*k2s2_12c	DOUBLE <span style="float: right;">stand_harvests4</span>
[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS / PARCEL / PLOT FERTILIZER	
K2S2_13. Did you use any organic fertilizer on %treeroster2% from October 2016 to November 2017?	SINGLE-SELECT <span style="float: right;">k2s2_13</span> 001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW



<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&gt;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&gt;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 <span style="float: right;">k2s2_20b</span> 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_20c. How many KGs does <u>ONE BAG</u> contain? E k2s2_20b==4	NUMERIC: INTEGER <span style="float: right;">k2s2_20c</span> -----

[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 <span style="float: right;">k2s2_43</span> 001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW
K2S2_44. What type(s) of pesticide / herbicide did you apply on plot %treeroster2% from October 2016 to November 2017? I MAXIMUM 3 ANSWERS E k2s2_43==1	MULTI-SELECT <span style="float: right;">k2s2_44</span> 0801 <input type="checkbox"/> INSECTICIDE 0802 <input type="checkbox"/> HERBICIDE 0803 <input type="checkbox"/> FUNGICIDE 1004 <input type="checkbox"/> OTHER (SPECIFY)

[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS / PARCEL / PLOT / FERTILIZER / WEED AND PEST CONTROL  
Roster: PESTICIDE/HERBICIDE  
generated by multi-select question [k2s2\\_44](#)

K2S2_44oth. Please specify	TEXT <span style="float: right;">k2s2_44oth</span> -----
K2S2_45. How many times did you apply %rostertitle% on plot %treeroster2% from October 2016 to November 2017?	NUMERIC: INTEGER <span style="float: right;">k2s2_45</span> -----
K2S2_46a. How much in total of %rostertitle% was applied on %treeroster2% from October 2016 to November 2017? I QUANTITY	NUMERIC: DECIMAL <span style="float: right;">k2s2_46a</span> -----
K2S2_46b. UNIT	SINGLE-SELECT <span style="float: right;">k2s2_46b</span> 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_46bbag. How many KGs does <u>ONE BAG</u> contain? E k2s2_46b==4	NUMERIC: INTEGER <span style="float: right;">k2s2_46bbag</span> -----

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

K2S2_21. How many days of family labor were worked on HARVEST on %treeroster2% from October 2016 to November 2017?  I PERSON-DAYS	NUMERIC: DECIMAL k2s2_21  -----
K2S2_23. How many days of hired labor were worked on HARVEST on %treeroster2% from October 2016 to November 2017?  I PERSON-DAYS	NUMERIC: DECIMAL k2s2_23  -----
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??  I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI. E k2s2_23>0	NUMERIC: INTEGER k2s2_24  -----

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

K2S2_25. How many days of family labor were worked on any other activity on %treeroster2% from October 2016 to November 2017?  I PERSON-DAYS	NUMERIC: DECIMAL k2s2_25  -----
K2S2_27. How many days of hired labor were worked on any other activity on %treeroster2% from October 2016 to November 2017?  I PERSON-DAYS	NUMERIC: DECIMAL k2s2_27  -----
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?  I IF NO PAYMENT, PLEASE RECORD "0". IF IN-KIND PAYMENT, PLEASE RECORD THE EQUIVALENT VALUE IN SOMONI. E k2s2_27>0	NUMERIC: INTEGER k2s2_28  -----

[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 \[10\]](#)

VARIABLE 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 <a href="#">And 399 other symbols [1]</a>	DOUBLE stand_harvestcrops3
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[K2] PERENNIAL CROP PRODUCTION LAST 12 MONTHS / POST-HARVEST AND SALES/DISPOSITION / CROP  
CROP USES - TP

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

<p>K2S1_29bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k2s1_29b==4</p> <p>VI stand_harvestcrops3&gt;=k2s1_29a*k2s1_29bbag</p> <p>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</p> <p>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&gt;0</p> <p>VI stand_harvestcrops3&gt;=(k2s1_30b.InList(1,2,3) ? k2s1_30a*WeightConv[(int)k2s1_30b].factor : 0)</p> <p>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</p> <p>02 <input type="radio"/> TON</p> <p>03 <input type="radio"/> GRAM</p> <p>04 <input type="radio"/> BAG</p>
<p>K2S1_30bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k2s1_30b==4</p> <p>VI stand_harvestcrops3&gt;=k2s1_30a*k2s1_30bbag</p> <p>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</p> <p>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&gt;0</p> <p>VI stand_harvestcrops3&gt;=(k2s1_31b.InList(1,2,3) ? k2s1_31a*WeightConv[(int)k2s1_31b].factor : 0)</p> <p>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</p> <p>02 <input type="radio"/> TON</p> <p>03 <input type="radio"/> GRAM</p> <p>04 <input type="radio"/> BAG</p>
<p>K2S1_31bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k2s1_31b==4</p> <p>VI stand_harvestcrops3&gt;=k2s1_31a*k2s1_31bbag</p> <p>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</p> <p>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&gt;0</p> <p>V1 stand_harvestcrops3&gt;=(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&gt;=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.

K2S1_36. What was the total value of all sales of %rosteritle% harvested from October 2016 to November 2017?	NUMERIC: INTEGER k2s1_36
I VALUE IN SOMONI	-----
K2S1_37. Who in your household kept / decided what to do with these earnings?	MULTI-SELECT: LINKED k2s1_37
I MAXIMUM 2 ANSWERS	
K2S1_38. On average, how many transactions took place while selling %rosteritle% ?	NUMERIC: INTEGER k2s1_38
V1 self>0	-----
M1 Zero transactions seems unlikely. Please check.	
K2S1_39a. How far did the majority of transactions of %rosteritle% harvested from October 2016 to November 2017 take place?	NUMERIC: INTEGER k2s1_39a
I KM	-----
K2S1_39b. PLEASE SELECT THE MEAN OF TRANSPORT	SINGLE-SELECT k2s1_39b
	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)
K2S1_39both. Please specify.	TEXT k2s1_39both
E k2s1_39b==999	-----
K2S1_40. Who/What was the largest buyer/outlet for your %rosteritle% sales?	SINGLE-SELECT k2s1_40
	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
K2S1_40oth. Please specify.	TEXT k2s1_40oth
E k2s1_40==999	-----

<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?</p> <p>I IN SOMONI</p> <p>V1 self&lt;=k2s1_36</p> <p>M1 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.</p>	<p>NUMERIC: INTEGER</p> <p>k2s1_41</p> <p>-----</p>
<p>K2S1_42. Was the sale of %rosteritle% to LARGEST BUYER part of an outgrower scheme or contract farming from October 2016 to November 2017?</p>	<p>SINGLE-SELECT</p> <p>k2s1_42</p> <p>001 <input type="radio"/> YES</p> <p>002 <input type="radio"/> NO</p> <p>888 <input type="radio"/> DON'T KNOW</p>

## [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

<p>K4S1_1. Which crops/trees are planted on %plotroster5_s1%?</p> <p>I MAXIMUM 10 ANSWERS</p>	<p>MULTI-SELECT</p> <p>k4s1_1</p> <p>0301 <input type="checkbox"/> Cucumbers</p> <p>0302 <input type="checkbox"/> Eggplant</p> <p>0303 <input type="checkbox"/> Wheat</p> <p>0304 <input type="checkbox"/> Coliflower</p> <p>0305 <input type="checkbox"/> Other legumes</p> <p>0306 <input type="checkbox"/> Linen</p> <p>0307 <input type="checkbox"/> Spices</p> <p>0308 <input type="checkbox"/> Zucchini</p> <p>0309 <input type="checkbox"/> Pumpkin</p> <p>0310 <input type="checkbox"/> Paprika</p> <p>0311 <input type="checkbox"/> Cabbage</p> <p>0312 <input type="checkbox"/> Potatoes</p> <p>0313 <input type="checkbox"/> Sesame</p> <p>0314 <input type="checkbox"/> Pepper</p> <p>0315 <input type="checkbox"/> Beetroot</p> <p>0316 <input type="checkbox"/> Beans</p> <p><a href="#">And 41 other symbols [16]</a></p>
<p>K4S1_10th. Please specify</p> <p>E k4s1_1.Contains(1001)    k4s1_1.ContainsOnly(1001)</p>	<p>TEXT</p> <p>k4s1_10th</p> <p>-----</p>

[K4.] HOME GARDEN / PARCEL / PLOT  
Roster: CROP  
generated by multi-select question [k4s1\\_1](#) plotcrop3\_s1



<p>K4S1_2a. How much %roster5title% 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</p> <p>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</p> <p>k4s1_10</p> <p>-----</p>
<p>[K4.] HOME GARDEN</p> <p>Roster: PARCEL</p> <p>generated by list question <a href="#">j1_1</a></p> <p>E plotroster_s2.Any(x=&gt;x.j2s2_10==1)</p>	
<p>[K4.] HOME GARDEN / PARCEL</p> <p>Roster: PLOT</p> <p>generated by list question <a href="#">j1_13</a></p> <p>E plotroster_s2[@rowcode].j2s2_10==1</p>	
<p>K4S2_1. Which crops/trees are planted on %plotroster5_s2%?</p> <p>I MAXIMUM 10 ANSWERS</p>	<p>MULTI-SELECT</p> <p>k4s2_1</p> <p>0301 <input type="checkbox"/> Cucumbers</p> <p>0302 <input type="checkbox"/> Eggplant</p> <p>0303 <input type="checkbox"/> Wheat</p> <p>0304 <input type="checkbox"/> Coliflower</p> <p>0305 <input type="checkbox"/> Other legumes</p> <p>0306 <input type="checkbox"/> Linen</p> <p>0307 <input type="checkbox"/> Spices</p> <p>0308 <input type="checkbox"/> Zucchini</p> <p>0309 <input type="checkbox"/> Pumpkin</p> <p>0310 <input type="checkbox"/> Paprika</p> <p>0311 <input type="checkbox"/> Cabbage</p> <p>0312 <input type="checkbox"/> Potatoes</p> <p>0313 <input type="checkbox"/> Sesame</p> <p>0314 <input type="checkbox"/> Pepper</p> <p>0315 <input type="checkbox"/> Beetroot</p> <p>0316 <input type="checkbox"/> Beans</p> <p><a href="#">And 41 other symbols [17]</a></p>
<p>K4S2_10th. Please specify</p> <p>E k4s2_1.Contains(1001)    k4s2_1.ContainsOnly(1001)</p>	<p>TEXT</p> <p>k4s2_10th</p> <p>-----</p>
<p>[K4.] HOME GARDEN / PARCEL / PLOT</p> <p>Roster: CROP</p> <p>generated by multi-select question <a href="#">k4s2_1</a></p>	
<p>K4S2_2a. How much %rosteritle% did you harvest from %plotroster5_s2% from October 2016 to November 2017?</p> <p>I QUANTITY</p>	<p>NUMERIC: DECIMAL</p> <p>k4s2_2a</p> <p>-----</p>

<p>K4S2_2b. UNIT OF HARVEST</p> <p>I UNIT</p> <p>E k4s2_2a&gt;0</p>	<p>SINGLE-SELECT <span style="float: right;">k4s2_2b</span></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>K4S2_2bbag. How many KGs does <u>ONE BAG</u> contain?</p> <p>E k4s2_2b==4</p>	<p>NUMERIC: INTEGER <span style="float: right;">k4s2_2bbag</span></p> <p>-----</p>
<p>K4S2_3. From October 2016 to November 2017, was plot %plotroster5_s2% irrigated?</p>	<p>SINGLE-SELECT <span style="float: right;">k4s2_3</span></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>K4S2_4. Did you use any organic fertilizer on %plotroster5_s2% from October 2016 to November 2017?</p>	<p>SINGLE-SELECT <span style="float: right;">k4s2_4</span></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>K4S2_5. What type of organic fertilizer was used on %plotroster5_s2% from October 2016 to November 2017?</p> <p>I MAXIMUM3 ANSWERS</p> <p>E k4s2_4==1</p>	<p>MULTI-SELECT <span style="float: right;">k4s2_5</span></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>K4S2_5oth. Please specify</p> <p>E k4s2_5.Contains(1002)    k4s2_5.ContainsOnly(1002)</p>	<p>TEXT <span style="float: right;">k4s2_5oth</span></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 <span style="float: right;">k4s2_6</span></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>K4S2_7. What types of inorganic fertilizer did you apply on %plotroster5_s2% from October 2016 to November 2017?</p> <p>I MAXIMUM3 ANSWERS</p> <p>E k4s2_6==1</p>	<p>MULTI-SELECT <span style="float: right;">k4s2_7</span></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>K4S2_7oth. Please specify</p> <p>E k4s2_7.Contains(1003)    k4s2_7.ContainsOnly(1003)</p>	<p>TEXT <span style="float: right;">k4s2_7oth</span></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 <span style="float: right;">k4s2_8</span></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 <span style="float: right;">k4s2_9</span></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  
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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

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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 \[11\])
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L1_1. Did your household purchase any %input% from October 2016 to November 2017?	SINGLE-SELECT	11_1
	01 <input type="radio"/> YES	
	02 <input type="radio"/> 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&gt;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><a href="#">And 3 other symbols [18]</a></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

<p>L2_2. How many %roster% does your household currently own?</p> <p>I ITEMS MUST BE FUNCTIONAL</p> <p>V1 self&gt;0</p> <p>M1 Respondent stated to own %roster%. Quantity must be larger than zero!</p>	<p>NUMERIC: INTEGER</p> <p>12_2</p> <p>-----</p>
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## [M.] WAGE/SALARY INCOME

E consent==1

<p>M01. Did anyone <u>in your household</u> (including the household-head) earn <u>wages</u> from labor activities either cash or in-kind during 2017, including those that left the house temporarily?</p>	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> YES</p> <p>02 <input type="radio"/> NO</p> <p>m01</p>
<p>M02. Who earned wages from labor activities during 2017?</p> <p>I ONLY MEMBERS AGED 12 OR OLDER ARE LISTED. MULTIPLE ANSWERS</p> <p>F b04a&gt;=12</p> <p>E m01==1</p>	<p>MULTI-SELECT: LINKED</p> <p>m02</p>

[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}))

<p>M03. Within what sectors did %roster% earn his/her income?</p> <p>I IF MORE THAN ONE JOB FOR EACH PERSON, ENTER THE MAIN JOB.</p>	<p>SINGLE-SELECT</p> <p>001 <input type="radio"/> AGRICULTURE</p> <p>002 <input type="radio"/> AGRICULTURAL OR LIVESTOCK PROCESSING</p> <p>003 <input type="radio"/> INDUSTRY</p> <p>004 <input type="radio"/> CONSTRUCTION</p> <p>005 <input type="radio"/> COMMERCIAL (RETAIL / WHOLESALE)</p> <p>006 <input type="radio"/> SERVICES</p> <p>007 <input type="radio"/> HEALTH CARE</p> <p>008 <input type="radio"/> EDUCATION</p> <p>009 <input type="radio"/> PUBLIC ADMINISTRATION AND LAW ENFORCEMENT</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p> <p>m03</p>
<p>M03_oth. Please specify the sector in which %roster% earned his/her income.</p> <p>E m03==999</p>	<p>TEXT</p> <p>m03_oth</p> <p>-----</p>
<p>M04. What form of employment did the main labor take?</p>	<p>SINGLE-SELECT</p> <p>001 <input type="radio"/> DAY LABORER</p> <p>002 <input type="radio"/> SEASONAL</p> <p>003 <input type="radio"/> CASUAL PART-TIME</p> <p>004 <input type="radio"/> PERMANENT PART-TIME</p> <p>005 <input type="radio"/> PERMANENT FULL-TIME</p> <p>999 <input type="radio"/> OTHER, SPECIFY</p> <p>m04</p>
<p>M04_oth. Please specify the form of the main labor.</p> <p>E m04==999</p>	<p>TEXT</p> <p>m04_oth</p> <p>-----</p>



M05a. Approximately how much time did %rosteritle% work in this main activity during 2017?	NUMERIC: INTEGER <span>m05a</span> -----
I AMOUNT	
M05b. UNIT	SINGLE-SELECT <span>m05b</span>
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 <span>m06</span> 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 <span>m07</span> -----
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 <span>n00</span> 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 <span>n01</span> -----
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 <span style="float: right;">n02</span></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 <span style="float: right;">n02oth</span></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 <span style="float: right;">n03</span></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 <span style="float: right;">n04a</span></p> <p>-----</p>
<p>N04b. Number of FEMALES</p> <p>I IF NONE RECORD "0"</p>	<p>NUMERIC: INTEGER <span style="float: right;">n04b</span></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&gt;0    n04b&gt;0</p>	<p>SINGLE-SELECT <span style="float: right;">n05</span></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 self.InRange(1950, 2017)</p> <p>M1 Year seems unlikely, please check and confirm.</p>	<p>NUMERIC: INTEGER <span style="float: right;">n06</span></p> <p>-----</p>
<p>N07a. Did any household member work in %rosteritle% during 2017?</p>	<p>SINGLE-SELECT <span style="float: right;">n07a</span></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>
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[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>
<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</p> <p>hhenterprise.Min(p=&gt;p.n10)</p>	<p>LONG</p> <p>nbmonth_worked</p>

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&gt;=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>E o01_oth==1</p>	<p>LIST o02</p> <p>-----</p>

### [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 %rosteritle%?</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 %rosteritle%?

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 %rosteritle%? 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 %rosteritle%.

TEXT

p04\_oth

E p04==999

V1 self.Length>3

M1 Error! Description is too short.

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

## [Q1.] INTERNAL MIGRATION

E consent==1

<p>Q00. During 2017, did anyone in this household live for at least 2 months or is currently living in another part of Tajikistan?</p>	<p>SINGLE-SELECT q00</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_01. Please select all the household members that lived for at least 2 months (during 2017) or are currently living in another part of Tajiksitan.</p> <p>I MULTIPLE ANSWERS.</p> <p>E q00==1</p>	<p>MULTI-SELECT: LINKED q1_01</p>

[Q1.] INTERNAL MIGRATION

Roster: HOUSEHOLD INTERNAL MIGRATION

generated by list question [b01](#)

hbmigration

E q1\_01.Any(p=>p.SequenceEqual(new[]{@rowcode}))

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

<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</p> <p>002 <input type="radio"/> TO JOIN FAMILY / TO MARRY</p> <p>003 <input type="radio"/> MOVING WITH FAMILY</p> <p>004 <input type="radio"/> HEALTH</p> <p>005 <input type="radio"/> STUDY</p> <p>006 <input type="radio"/> SECURITY</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p> <p>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</p> <p>002 <input type="radio"/> HAD CONTACTS - RELATIVES</p> <p>003 <input type="radio"/> HAD CONTACTS - FRIENDS</p> <p>004 <input type="radio"/> CONTACTS / ACQUAINTANCES</p> <p>005 <input type="radio"/> CLOSE DISTANCE, EASY TO REACH</p> <p>006 <input type="radio"/> EASIER TO GET VISA</p> <p>007 <input type="radio"/> STUDIES</p> <p>008 <input type="radio"/> PERSONAL EXPERIENCE</p> <p>009 <input type="radio"/> UNABLE TO PROCEED TO INTENDED DESTINATION</p> <p>010 <input type="radio"/> GRABBED OPPORTUNITY</p> <p>011 <input type="radio"/> HAD WORK / JOB ARRANGED</p> <p>012 <input type="radio"/> I DID NOT DECIDE / I MOVED WITH FAMILY</p> <p>999 <input type="radio"/> OTHER (SPECIFY)</p> <p>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</p> <p>002 <input type="radio"/> NO</p> <p>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</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_6oth. Please specify other occupation</p> <p>E q1_06==999</p>	<p>TEXT q1_06oth</p> <p>.....</p>

<p>Q1_7. Why did %roster% 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 %roster% send any cash to this household at any point in time during 2017?</p> <p>I INCLUDE ONLY CASH SENT BY AN INTERNAL MIGRANT.</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 %roster% 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 %roster% 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&gt;15</p> <p>E q1_09==1</p>	<p>MULTI-SELECT: LINKED q1_11</p>
<p>Q1_12. Did %roster% send any in-kind assistance to this household during 2017?</p> <p>I INCLUDE ONLY IN-KIND ASSISTANCE SENT BY AN INTERNAL MIGRANT.</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 %roster% 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 <span>q1_14</span></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 %rosteritle% 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 <span>q1_15</span></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&gt;15</p> <p>E q1_12==1</p>	<p>MULTI-SELECT: LINKED <span>q1_16</span></p>

## [Q1.] INTERNATIONAL MIGRATION

E consent==1

<p>STATIC TEXT</p> <p><i>Now I would like to talk about the migration episodes ABROAD of the household members in the last 7 years.</i></p>	
<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 <span>q1_17</span></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 <span>q1_18</span></p>

<p>[Q1.] INTERNATIONAL MIGRATION</p> <p>Roster: INTERNATIONAL MIGRATION - HH</p> <p>generated by list question <a href="#">b01</a></p> <p>E q1_18.Any(p=&gt;p.SequenceEqual(new[]{@rowcode}))</p>		hhmigration2
<p>Did %hhmigration2% migrate abroad in:</p>	<p>MULTI-SELECT: YES/NO <span>q1_migrationyear</span></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>	

## Roster: ABROAD MIGRATION YEAR

generated by multi-select question [q1\\_migrationyear](#)

migrationyear

Q1\_19. How long did %hhmigration2% remain away during the longest migration episode abroad in %migrationyear%?

NUMERIC: INTEGER

q1\_19

-----

I NUMBER OF MONTHS.

V1 self.InRange(1,12)

M1 This value seems unlikely: please remember that reference period is 12 months.

V2 self&gt;0

M2 Number of months spent abroad should be greater than 0, if %hhmigration2% migrated during %migrationyear%.

Q1\_20. What country did %hhmigration2% migrate to during the longest migration episode of %migrationyear%?

SINGLE-SELECT

q1\_20

- 001 ☐ RUSSIA  
 002 ☐ KYRGYZSTAN  
 003 ☐ KAZAKHSTAN  
 004 ☐ TURKMENISTAN  
 005 ☐ AFGHANISTAN  
 006 ☐ PAKISTAN  
 007 ☐ UZBEKISTAN  
 008 ☐ GEORGIA  
 009 ☐ AZERBAIJAN  
 010 ☐ ARMENIA  
 011 ☐ GERMANY  
 012 ☐ IRAQ  
 013 ☐ IRAN  
 999 ☐ OTHER (SPECIFY)  
 888 ☐ DON'T KNOW

Q1\_21. If more than 1 migration episode during %migrationyear%, please record the total number of months %hhmigration2% spent abroad during the year.

NUMERIC: INTEGER

q1\_21

-----

I NUMBER OF MONTHS.

V1 self&gt;=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.

STATIC TEXT

*Now I would like to talk about %hhmigration2%'s most recent migration episode abroad.*

Q1\_22. What country did %hhmigration2% go on his/her most recent migration episode abroad?

SINGLE-SELECT

q1\_22

- 001 ☐ RUSSIA  
 002 ☐ KYRGYZSTAN  
 003 ☐ KAZAKHSTAN  
 004 ☐ TURKMENISTAN  
 005 ☐ AFGHANISTAN  
 006 ☐ PAKISTAN  
 007 ☐ UZBEKISTAN  
 008 ☐ GEORGIA  
 009 ☐ AZERBAIJAN  
 010 ☐ ARMENIA  
 011 ☐ GERMANY  
 012 ☐ IRAQ  
 013 ☐ IRAN  
 999 ☐ OTHER (SPECIFY)  
 888 ☐ DON'T KNOW

Q1_23. When was %hhmigration2%'s most recent migration episode abroad?  I YEAR	NUMERIC: INTEGER q1_23  -----
Q1_24. How long did %hhmigration2% remain away during his/her most recent migration episode abroad?  I NUMBER OF MONTHS	NUMERIC: INTEGER q1_24  -----
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?  E q1_29==1	SINGLE-SELECT q1_30 001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW

<p>Q1_31. What was %hhmigration2%'s main occupation during the last migration episode abroad?</p>	<p>SINGLE-SELECT <span style="float: right;">q1_31</span></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 <span style="float: right;">q1_32</span></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 <span style="float: right;">q1_33</span></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 <span style="float: right;">q1_34</span></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 <span style="float: right;">q1_35</span></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 <span style="float: right;">q1_36</span></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 <span style="float: right;">q1_37</span></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 <span style="float: right;">q1_38</span></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>
--	---

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

[Q2.] OUT MIGRATION

## Roster: MIGRATION OF NON-HOUSEHOLD MEMBERS

generated by list question [q2\\_01](#)

outmigr

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

<p>Q2_08. In which district does %rosteritle% 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 %rosteritle% 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"/> AZERBAIJAN</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 %rosteritle% currently lives.</p> <p>E q2_09==999</p> <p>V1 self.Length&gt;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 %rosteritle% lived in this location?</p> <p>I NUMBER OF YEARS OR MONTHS.</p> <p>E q2_07&gt;=3</p> <p>V1 self.InRange(0,q2_03) &amp;&amp; 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&gt;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 %rosteritle%'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 %roster% left the household, what was his/her main activity?</p>	<p>SINGLE-SELECT <span>q2_12</span></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 %roster% send any cash to this household at any point during 2017?</p>	<p>SINGLE-SELECT <span>q2_13</span></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 %roster% send cash to this household during 2017?</p> <p>E q2_13==1</p>	<p>SINGLE-SELECT <span>q2_14</span></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>Q2_15. How much cash did %roster% send to this household in total during 2017?</p> <p>I IN SOMONI.</p> <p>E q2_13==1</p>	<p>NUMERIC: INTEGER <span>q2_15</span></p> <p>-----</p>
<p>Q2_16. Who in the household kept/decided on the use of this income?</p> <p>I MAXIMUM 2 ANSWERS</p> <p>E q2_13==1</p>	<p>MULTI-SELECT: LINKED <span>q2_16</span></p>
<p>Q2_17. Did %roster% send any in-kind assistance to this household during 2017?</p>	<p>SINGLE-SELECT <span>q2_17</span></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 %roster% send in-kind assistance to this household during 2017?</p> <p>E q2_17==1</p>	<p>SINGLE-SELECT <span>q2_18</span></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>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</p> <p>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</p> <p>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</p> <p>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>V1 self.Missing.Length==0</p> <p>M1 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</p> <p>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</p> <p>r02</p> <p>-----</p>
<p>R03. How often does %rosteritle% meet in a year?</p>	<p>SINGLE-SELECT</p> <p>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 r05 001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW
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 r07 001 <input type="radio"/> YES 002 <input type="radio"/> NO 888 <input type="radio"/> DON'T KNOW

## QUESTIONNAIRE WRAP UP

STATUS OF THE INTERVIEW:  E consent==1	SINGLE-SELECT status 01 <input type="radio"/> COMPLETED 02 <input type="radio"/> INTERRUPTED
THE INTERVIEW WAS INTERRUPTED BECAUSE:  E status==2	SINGLE-SELECT interruption 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)
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 refusal 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)
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 && (hhroster.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: Sebigston, 10: 20 sol agii Istiqloiyat, 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: Panjrod, 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: Navobodibolo, 48: Sakhovat, 49: Somonchi, 50: Oziyon, 51: Dashtigulo, 52: Dusti, 53: Panjob, 54: Anjirkon, 55: Safedob, 56: Darai Kalot, 57: Iqbol, 58: Sayod, 59: Somoniyon, 60: Lohuti, 61: Sangre zgi, 62: Sariosiyob, 63: Dahana, 64: Gultappa, 65: Kalot, 66: Khonobod, 67: Khuchacharkhi, 68: Kul, 69: Lavova, 70: Miropak, 71: Navobod, 72: Oltovul, 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: Oltobliki, 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: Ghofilobod, 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: Guzurai 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: Jiralai, 140: Sitorai tobon, 141: Tanobchii bolo, 142: Tanobchii miyona, 143: Tanobchii poyon, 144: Mehnatobod, 145: Boronkul, 146: Chorvodoron, 147: Gulobod, 148: Istiklol, 149: S. Sharif, 150: Zafarobod, 151: Chanor, 152: Gelot, 153: Kaftarkhona, 154: Kuchabog, 155: Osmonbikka, 156: Pushyoni miyona, 157: Aral, 158: Hulbek, 159: Selbur, 160: Taskala, 161: Tugay, 162: Zardolubog, 163: Zarkamar, 164: Bahoriston, 165: Chorbog, 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 <font color="red">CATTLE</font> owned?](#)

Categories: 1: HOLSTEIN FRISIAN, 2: SIMMENTAL, 3: BROWN SWISS, 4: KAZAKH WHITE, 5: BLACK MOTLEY, 6: Shvitse Zebuvidnyi skot, 7: ALATAU, 8: ABERDEEN ANGUS, 9: KALMYK, 10: KHOLMOGOSRKY, 11: OSTFRIZ, 12: Sredneazitskii 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: Gomodarvazskaya 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: Uriai, 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 %rosteritle% 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 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)		
Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur?	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	MULTI-SELECT SCOPE: PREFILLED 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 And 5 other [13]	s4_re1_leaders_other
Additional information: "I" – Question instruction "E" – Enabling condition "V1" – Validation condition №1 "M1" – Message for validation №1 "F" – Filter in Categorical questions		Link to full set in appendix	

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