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# Agriculture Census 2021

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## SURVEY IDENTIFICATION INFORMATION QUESTIONNAIRE DESCRIPTION

### COOK ISLANDS AGRICULTURE CENSUS 2021

No sub-sections, No rosters, Questions: 5, Static texts: 2.

### SECTION 1 - HOUSEHOLD COMPOSITION

No sub-sections, Rosters: 1, Questions: 11, Static texts: 1, Variables: 4.

### SECTION 2: CROP PRODUCTION ACTIVITY OF THE HOUSEHOLD

No sub-sections, Rosters: 8, Questions: 117, Variables: 14.

### SECTION 3: LIVESTOCK AND POULTRY(INCLUDES DUCKS)

No sub-sections, Rosters: 6, Questions: 52, Variables: 5.

### SECTION 4- LAND OPERATED BY THE HOUSEHOLD DURING THE LAST 12 MONTHS

No sub-sections, Rosters: 1, Questions: 38, Static texts: 2, Variables: 11.

### SECTION 5: CROPS PLANTED AND/OR HARVESTED DURING THE LAST 12 MONTHS

No sub-sections, Rosters: 10, Questions: 118, Static texts: 1, Variables: 12.

### SECTION 6: NON-HOUSEHOLD LABOUR INPUT

No sub-sections, Rosters: 2, Questions: 20.

### SECTION 7- HOUSEHOLD INCOME AND LOANS/GRANTS FOR AGRICULTURAL PURPOSES

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

### SECTION 8: FISHERIES, AQUACULTURE AND PEARL FARMING

Sub-sections: 3, Rosters: 10, Questions: 70.

### END PAGE

No sub-sections, No rosters, Questions: 2.

### APPENDIX A — VALIDATION CONDITIONS AND MESSAGES

### APPENDIX B — INSTRUCTIONS

### APPENDIX C — CATEGORIES

### APPENDIX D — VARIABLES

### LEGEND

*SURVEY IDENTIFICATION INFORMATION  
QUESTIONNAIRE DESCRIPTION*

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**Basic information**

*Title* Agriculture Census 2021

STATIC TEXT

MINISTRY OF AGRICULTURE AND STATISTICS OFFICE



MINISTRY OF AGRICULTURE  
**COOK ISLANDS**

STATIC TEXT

Household Schedule

<p>Enter the Island</p>	<p>SINGLE-SELECT <span style="float: right;">Island</span></p> <p>01 <input type="radio"/> Rarotonga</p> <p>02 <input type="radio"/> Aitutaki</p> <p>03 <input type="radio"/> Mangaia</p> <p>04 <input type="radio"/> Atiu</p> <p>05 <input type="radio"/> Mauke</p> <p>06 <input type="radio"/> Mitiaro</p> <p>07 <input type="radio"/> Palmerston</p> <p>08 <input type="radio"/> Pukapuka</p> <p>09 <input type="radio"/> Nassau</p> <p>10 <input type="radio"/> Manihiki</p> <p>11 <input type="radio"/> Rakahanga</p> <p>12 <input type="radio"/> Penrhyn</p>
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<p>Enter the District</p>	<p>SINGLE-SELECT: CASCADING <span style="float: right;">District</span></p> <p>01 <input type="radio"/> Kiikii-Tupapa-Maraerenga</p> <p>02 <input type="radio"/> Takuvaine</p> <p>03 <input type="radio"/> Tutakimoo-Teotue</p> <p>04 <input type="radio"/> Avatiu-Ruatonga</p> <p>05 <input type="radio"/> Nikao-Panama</p> <p>06 <input type="radio"/> Ruaau</p> <p>07 <input type="radio"/> Akaoa</p> <p>08 <input type="radio"/> Murienua</p> <p>09 <input type="radio"/> Titikaveka</p> <p>10 <input type="radio"/> Ngatangia</p> <p>11 <input type="radio"/> Matavera</p> <p>12 <input type="radio"/> Amuri-Ureia</p> <p>13 <input type="radio"/> Arutanga</p> <p>14 <input type="radio"/> Vaipae-Avanui</p> <p>15 <input type="radio"/> Tautu</p> <p>16 <input type="radio"/> Mangaia</p> <p><a href="#">And 9 other symbols [1]</a></p>
<p>Enumeration Area</p>	<p>TEXT <span style="float: right;">Area</span></p> <p>.....</p>
<p>Household Number</p>	<p>NUMERIC: INTEGER <span style="float: right;">HH_Number</span></p> <p>-----</p>
<p>Date of the enumeration</p>	<p>DATE: CURRENT TIME <span style="float: right;">INTSTART</span></p> <p>.....</p>

# SECTION 1 - HOUSEHOLD COMPOSITION

Household\_details

E IsSectionAnswered(Cov)

<p>Agriculture or Fishing Questions</p>	<p>MULTI-SELECT <span style="float: right;">AgFish</span>                  01 <input type="checkbox"/> Agriculture                  02 <input type="checkbox"/> Fishing</p>
<p>S101: Full Name of the Household member</p> <p>I Please enter the name of the household head first followed by other household members</p>	<p>LIST <span style="float: right;">s101</span>                  .....                  .....</p>

SECTION 1 - HOUSEHOLD COMPOSITION  
**Roster: HOUSEHOLD\_DETAILS**  
 generated by list question [s101](#)

s101a

<p>S102- Relationship with the head of the household</p> <p>V1 S101a.Count(x=&gt;x.S102==1) &lt; 2                  M1 You can have only one household head                  V2 S101a.Count(x=&gt;x.S102==2) &lt; 2                  M2 there should be only 1 spouse in the household                  V3 S101a.Count(x=&gt;x.S102==6) &lt;= 2                  M3 there should only two parents in the household                  V4 !(@rowcode == 1 &amp;&amp; self != 1)                  M4 Please enter the household head first</p>	<p>SINGLE-SELECT <span style="float: right;">s102</span>                  01 <input type="radio"/> Self                  02 <input type="radio"/> Spouse                  03 <input type="radio"/> Son/Daughter                  04 <input type="radio"/> Daughter-in-law / Son-in-law                  05 <input type="radio"/> Grand Child                  06 <input type="radio"/> Parent                  07 <input type="radio"/> In-laws                  08 <input type="radio"/> Other Relative                  09 <input type="radio"/> Not- related</p>
<p>S103- Sex</p>	<p>SINGLE-SELECT <span style="float: right;">s103</span>                  01 <input type="radio"/> Male                  02 <input type="radio"/> Female</p>
<p>S104- Date of Birth</p> <p>I DD/MM/YYYY enter 99 if day not known enter 99 if month not knowns enter 9999 if year not known                  V1 Int32.Parse(self.Split('/')[0]) == 99 ? true : Int32.Parse(self.Split('/')[0]).InRange(1,31)                  M1 Not a valid Date of Birth Day, Please verify                  V2 Int32.Parse(self.Split('/')[1]) == 99 ? true : Int32.Parse(self.Split('/')[1]).InRange(1,12)                  M2 Not a valid Date of Birth Month, Please verify                  V3 Int32.Parse(self.Split('/')[2]) == 9999 ? true : Int32.Parse(self.Split('/')[2]).InRange(1900,2021)                  M3 Not a valid Date of Birth Year, Please verify</p>	<p>TEXT <span style="float: right;">s104</span>                  .....                  .....</p>
<p>VARIABLE                  Int32.Parse(s104.Split('/')[0])</p>	<p>LONG <span style="float: right;">s104_Day</span></p>
<p>VARIABLE                  Int32.Parse(s104.Split('/')[1])</p>	<p>LONG <span style="float: right;">s104_Month</span></p>
<p>VARIABLE                  Int32.Parse(s104.Split('/')[2])</p>	<p>LONG <span style="float: right;">s104_Year</span></p>

<p>VARIABLE</p> <p>// If the date of birth is complete, check validity of the date (IsAnswered(S104_Day) &amp;&amp; IsAnswered(S104_Month) &amp;&amp; IsAnswered(S104_Year)) ? (S104_Year != 9999) ? (S104_Month != 99) ?</p> <p><a href="#">And 1977 other symbols [1]</a></p>	<p>STRING</p> <p>Q1_4_Age</p>
<p>S106- Age in completed years</p> <p>V1 self &gt;= 0 &amp; self &lt;= 100</p> <p>M1 Age should be between 0 to 100 years</p> <p>V2 (S102==3 &amp;&amp; (S101a.Count(x=&gt;x.S102==1 &amp;&amp; (x.S106-S106&lt;=15))=0))    S102 !=3</p> <p>M2 Child of household head should be at least 16 years younger than household head age</p> <p>V3 // If the date of birth is complete, check validity of the date (IsAnswered(S104_Day) &amp;&amp; IsAnswered(S104_Month) &amp;&amp; IsAnswered(S104_Year)) ? (S104_Year != 9999) ? (S104_Month != 99) ? <a href="#">And 1902 other symbols [1]</a></p> <p>M3 Entered Age of is not consistent with DOB! Computed age is %Q1_4_Age%</p>	<p>NUMERIC: INTEGER</p> <p>S106</p> <p>-----</p>
<p>S107- What is your marital status</p> <p>E S106 &gt;= 15</p> <p>V1 self == 1    (self&gt;1 &amp;&amp; S106 &gt;= 16)</p> <p>M1 household member to young to be married,widow or separated/divorced</p> <p>V2 (S102 == 2 &amp;&amp; self.InList(2,3))    S102.InList(1,3,4,5,6,7,8,9)</p> <p>M2 Marital status of spouse should be de-facto or married</p>	<p>SINGLE-SELECT</p> <p>S107</p> <p>01 <input type="radio"/> Never Married</p> <p>02 <input type="radio"/> Defacto</p> <p>03 <input type="radio"/> Married</p> <p>04 <input type="radio"/> Widowed</p> <p>05 <input type="radio"/> Separated / Divorced</p>
<p>S108- What main activity did you do last week?</p> <p>E S106 &gt;= 15</p> <p>V1 (self == 8 &amp;&amp; (S106 &lt; 5    S106 &gt; 60))    self.InList(1,2,3,4,5,6,7,9)</p> <p>M1 Too young / old should be used only for household members under 5 or over 60</p>	<p>SINGLE-SELECT</p> <p>S108</p> <p>01 <input type="radio"/> Employer (including Self-employed)</p> <p>02 <input type="radio"/> Employed in Govt/ Public Sector</p> <p>03 <input type="radio"/> Employed in Private Sector</p> <p>04 <input type="radio"/> Producing goods/services for family consumption</p> <p>05 <input type="radio"/> Voluntary / Community Work</p> <p>06 <input type="radio"/> Domestic Duties</p> <p>07 <input type="radio"/> Student</p> <p>08 <input type="radio"/> Retired/ Too old</p> <p>09 <input type="radio"/> Unemployed</p>
<p>S109- What is the extent of engagement in main activity?</p> <p>E S106 &gt;= 15 &amp;&amp; S108 &lt; 8</p>	<p>SINGLE-SELECT</p> <p>S109</p> <p>01 <input type="radio"/> Full-Time</p> <p>02 <input type="radio"/> Part-Time</p> <p>03 <input type="radio"/> None</p>
<p>S110: What is the average number of hours/ week did you work on the holding?</p> <p>E S106 &gt;= 15</p> <p>V1 self &gt;= 0 &amp; self &lt; 70</p> <p>M1 hours worked on the holding should be greater 1, if the household member hasn't worked on the holding please insert 0</p>	<p>NUMERIC: INTEGER</p> <p>S110</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>00 does not work on the holding</p>
<p>S111- Are you an agriculture holder?</p> <p>E S106 &gt;= 15 &amp;&amp; AgFish.Contains(1)</p>	<p>SINGLE-SELECT</p> <p>S111</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>

STATIC TEXT

E S101a.Count(x=>IsAnswered(x.S111)) == S101a.Count(x=>x.S106>=15) && S101a.Count(x=>x.S111 == 1) != 1

V1 S101a.Count(x=>x.S111 == 1) == 1

M1 There should be 1 agriculture holder in the household

*Error Message*

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## SECTION 2: CROP PRODUCTION ACTIVITY OF THE HOUSEHOLD

Section\_2

E IsSectionAnswered(Cov) && AgFish.Contains(1)

<p>S201 -Did your Household grow and / or harvest garden crop(s), Coconut trees, pawpaw trees or any other crop during last 12 months?</p>	<p>SINGLE-SELECT <span style="float: right;">s201</span>                  01 <input type="radio"/> Yes                  02 <input type="radio"/> No</p>
<p>S202-Did your Household have more than 64 M2 (8Mx8M) land under crops/ garden crops, Coconut trees, pawpaw trees or any other crop during last 12 months?</p> <p>E s201== 1</p>	<p>SINGLE-SELECT <span style="float: right;">s202</span>                  01 <input type="radio"/> Yes                  02 <input type="radio"/> No</p>
<p>S203- Did your Household sell / export any crop produce, fruits, vegetables or other agricultural produce during the last 12 months?</p> <p>E s202 == 1</p>	<p>SINGLE-SELECT <span style="float: right;">s203</span>                  01 <input type="radio"/> Yes                  02 <input type="radio"/> No</p>
<p>S204- What do you consider as the purpose of your crop production?</p> <p>E s202 == 1</p>	<p>SINGLE-SELECT <span style="float: right;">s204</span>                  01 <input type="radio"/> Subsistence                  02 <input type="radio"/> Semi-Subsistence                  03 <input type="radio"/> Commercial                  04 <input type="radio"/> Other (specify)</p>
<p>S204-Others, please specify</p> <p>E s204 &gt; 3</p>	<p>TEXT <span style="float: right;">s204_others</span>                  .....</p>
<p>S205- If the household is engaged in commercial farming, did the proceed from sale of crops in the last 12 months exceed NZ\$1000?</p> <p>E s204 == 2    s204 == 3</p>	<p>SINGLE-SELECT <span style="float: right;">s205</span>                  01 <input type="radio"/> Yes                  02 <input type="radio"/> No</p>
<p>S206a- Did the household own / operate Bee keeping for honey production during last 12 month?</p>	<p>SINGLE-SELECT <span style="float: right;">s206a</span>                  01 <input type="radio"/> Yes                  02 <input type="radio"/> No</p>
<p>S206a(i)- how many hives do you have?</p> <p>I Note: this should be the number of bee hives on the day of the interview</p> <p>E s206a == 1</p> <p>V1 self &gt;= 0 &amp; self &lt;=100</p> <p>M1 the number of bee hives entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206ai</span>                  -----</p>
<p>S206a(ii)- How much honey was harvested during last 12 months (in Litres)?</p> <p>E s206a == 1</p> <p>V1 self &gt;= 0 &amp; self &lt;= 2000</p> <p>M1 Quantity sold should be greater or equal to 0 litres</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206aii</span>                  -----</p>



<p>S206b- Did the household own / operate any hydroponic crop production during last 12 months?</p>	<p>SINGLE-SELECT <span style="float: right;">S206b</span>  01 <input type="radio"/> Yes  02 <input type="radio"/> No</p>
<p>S206b(i)- What is the Capacity of the hydroponics operation</p> <p>E S206b == 1</p>	<p>SINGLE-SELECT <span style="float: right;">S206bi</span>  01 <input type="radio"/> Acres  02 <input type="radio"/> Square meters</p>
<p>S206b(i) - What is the capacity of the hydroponic operation in acres?</p> <p>I Whole Acres Enter 0 here if area is less than an acre  E S206bi ==1  V1 self &gt;= 0 &amp;&amp; self &lt;= 4  M1 area entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">hydro_acres</span>  -----</p>
<p>S206b(i)- Capacity in fraction of an Acre (x/y)</p> <p>I Enter "0" if area is whole number (i.e.,no fraction)  E S206bi == 1  V1 \$ChkFraction  M1 Not a valid fraction!  V2 self == "0" ? IsAnswered(hydro_acres) &amp;&amp; hydro_acres != 0 : true  M2 can't have no area!</p>	<p>TEXT <span style="float: right;">hydro_acresf</span>  .....</p>
<p>VARIABLE  (string.Compare(hydro_acresf,"0") != 0) ? hydro_acres + (Double.Parse(hydro_acresf.Split('/')[0]) / Double.Parse(hydro_acresf.Split('/')[1])) : hydro_acres</p>	<p>DOUBLE <span style="float: right;">hydro_acres1</span></p>
<p>S206b(i)- What is the capacity of the hydroponics operation in square meters?</p> <p>E S206bi == 2  V1 self &gt;= 0 &amp; self &lt;= 1000  M1 Total area enter is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">hydro_squ</span>  -----</p>
<p>S206b(iii)- What Crops did you grow and harvest during from the hydroponics operation during the last week?</p> <p>E S206b == 1</p>	<p>MULTI-SELECT <span style="float: right;">S206biii</span>  01 <input type="checkbox"/> Lettuce  02 <input type="checkbox"/> Pepper(Capsicum)  03 <input type="checkbox"/> Cucumber  04 <input type="checkbox"/> Herbs  05 <input type="checkbox"/> Tomato  06 <input type="checkbox"/> Others, specify</p>
<p>S206(ii)- What was the quantity of lettuce plants grown or harvested during the last week ?</p> <p>E S206b == 1 &amp;&amp; S206biii.Contains(1)  V1 self &gt;=1 &amp; self &lt;= 1400  M1 the amount entered is out of the range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206ii_Lettuce</span>  -----</p>
<p>S206(ii)- What was the quantity of Pepper(Capsicum) grown or harvested during the last week in kilograms?</p> <p>E S206b == 1 &amp;&amp; S206biii.Contains(2)  V1 self &gt;= 1 &amp; self &lt;= 1400  M1 the amount entered is out of the range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206ii_Pepper</span>  -----</p>

<p>S206(ii)- What was the quantity of Cucumber plants grown or harvested during the last week in kilograms?</p> <p>E S206b == 1 &amp;&amp; S206biii.Contains(3)  V1 self &gt; 0 &amp; self &lt;= 1400  M1 the number entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206ii_Cucumber</span></p> <p>-----</p>
<p>S206(ii)- What was the quantity of Herbs (plants) grown or harvested during the last week ?</p> <p>E S206b == 1 &amp;&amp; S206biii.Contains(4)  V1 self &gt; 1 &amp; self &lt;= 1400  M1 the number entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206ii_Herbs</span></p> <p>-----</p>
<p>S206(ii)- What was the quantity of Tomato grown or harvested during the last week in kilograms ?</p> <p>E S206b == 1 &amp;&amp; S206biii.Contains(5)  V1 self &gt; 1 &amp; self &lt;= 1400  M1 the number entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206ii_Tomato</span></p> <p>-----</p>
<p>S206b(iii)- Please specify any other crops planted and harvested from the hydroponics operation</p> <p>E S206b == 1 &amp; S206biii.Contains(6)</p>	<p>LIST <span style="float: right;">S20biii_specify</span></p> <p>.....</p>

SECTION 2: CROP PRODUCTION ACTIVITY OF THE HOUSEHOLD

Roster: OTHER HYDROPONIC PLANTS

generated by list question [S20biii\\_specify](#)

Hydro

<p>S206b(iii)- What was the total quantity of %rostertitle% grown or harvested during the last week ?</p> <p>E S206b == 1 &amp; S206biii.Contains(6)</p>	<p>SINGLE-SELECT <span style="float: right;">Qty_other_hydro</span></p> <p>01 <input type="radio"/> Kilograms  02 <input type="radio"/> Plants</p>
<p>S206b(iii)- What was the total quantity %rostertitle% plants grown or harvested during the last week in kilograms ?</p> <p>E Qty_other_hydro==1  V1 self &gt; 1 &amp; self &lt;= 1400  M1 the number entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206ii_otherkg</span></p> <p>-----</p>
<p>S206b(iii)- What was the total quantity %rostertitle% plants grown or harvested from the hydroponics operation during the last week?</p> <p>E Qty_other_hydro==2  V1 self &gt; 1 &amp; self &lt;= 1400  M1 the number entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206ii_Otherplants</span></p> <p>-----</p>
<p>VARIABLE  Hydro.Sum(x=&gt;x.S206ii_Otherkg)</p>	<p>DOUBLE <span style="float: right;">S206ii_Otherkg_Total</span></p>
<p>VARIABLE  Hydro.Sum(x=&gt;x.S206ii_Otherplants)</p>	<p>DOUBLE <span style="float: right;">S206ii_Otherplants_Total</span></p>
<p>S206c- Did the household own / operate floriculture for commercial purposes during last 12 months?</p>	<p>SINGLE-SELECT <span style="float: right;">S206c</span></p> <p>01 <input type="radio"/> Yes  02 <input type="radio"/> No</p>

<p>S206c (i) - Which flowering plants did you or any member of the household sold in the last 12 months?</p> <p>E S206c ==1</p> <p>V1 self.ContainsOnly(99)    (self.ContainsAny(1,2,3,4,5,6,7,8) &amp;&amp; !self.Contains(99))</p> <p>M1 Cannot select "None of the above" with other options</p>	<p>MULTI-SELECT <span style="float: right;">s206c_type_fp1ants</span></p> <p>01 <input type="checkbox"/> Orchids</p> <p>02 <input type="checkbox"/> Tiare Maori</p> <p>03 <input type="checkbox"/> Anthurium</p> <p>04 <input type="checkbox"/> Gardenia</p> <p>05 <input type="checkbox"/> Ginger</p> <p>06 <input type="checkbox"/> Desert Rose</p> <p>07 <input type="checkbox"/> Bougainvillea</p> <p>08 <input type="checkbox"/> Any others not listed above</p> <p>99 <input type="checkbox"/> None of the above</p>
<p>S206c(i)- What was the total quantity of orchids plants sold during last 12 months</p> <p>E S206c ==1 &amp; s206c_type_fp1ants.Contains(1)</p> <p>V1 self &gt;= 1 &amp; self &lt;= 1000</p> <p>M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206c_orchid</span></p> <p>-----</p>
<p>S206c(i)- What was the total quantity of Tiare Maori plants sold during last 12 months?</p> <p>E S206c ==1 &amp; s206c_type_fp1ants.Contains(2)</p> <p>V1 self &gt;= 1 &amp; self &lt;= 1000</p> <p>M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206c_maori</span></p> <p>-----</p>
<p>S206c(i)- What was the total quantity of Anthuriums sold during last 12 months?</p> <p>E S206c ==1 &amp; s206c_type_fp1ants.Contains(3)</p> <p>V1 self &gt;= 1 &amp; self &lt;= 1000</p> <p>M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206c_anth</span></p> <p>-----</p>
<p>S206c(i)- What was the total quantity of Gardenia plants sold during last 12 months?</p> <p>E S206c ==1 &amp; s206c_type_fp1ants.Contains(4)</p> <p>V1 self &gt;= 1 &amp; self &lt;= 1000</p> <p>M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206c_garden</span></p> <p>-----</p>
<p>S206c(i)- What was the total quantity of Ginger plants sold during last 12 months?</p> <p>E S206c ==1 &amp; s206c_type_fp1ants.Contains(5)</p> <p>V1 self &gt;= 1 &amp; self &lt;= 1000</p> <p>M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206c_ginger</span></p> <p>-----</p>
<p>S206c(i)- What was the total quantity of Desert Rose plants sold during last 12 months?</p> <p>E S206c ==1 &amp; s206c_type_fp1ants.Contains(6)</p> <p>V1 self &gt;= 1 &amp; self &lt;= 1000</p> <p>M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206c_desert</span></p> <p>-----</p>
<p>S206c(i)- What was the total quantity of Bougainvillea sold during last 12 months?</p> <p>E S206c ==1 &amp; s206c_type_fp1ants.Contains(7)</p> <p>V1 self &gt;= 1 &amp; self &lt;= 1000</p> <p>M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206c_Bou</span></p> <p>-----</p>
<p>S206c(i)- Any other flowering plants sold during the last 12 months. Please specify.</p> <p>E S206c ==1 &amp; s206c_type_fp1ants.Contains(8)</p>	<p>LIST <span style="float: right;">s206cii_s</span></p> <p>.....</p>

## Roster: OTHER FLOWERING PLANTS

generated by list question [S206cii\\_s](#)

FLOWERPLANTS

<p>S206c(i)- What was the total quantity of %rosteritle% plants sold during last 12 months?</p> <p>E S206c ==1 &amp; S206c_type_fplants.Contains(8)  V1 self &gt;= 1 &amp; self &lt;= 2000  M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206c_other</span></p> <p>-----</p>
<p>VARIABLE  FLOWERPLANTS.Sum(x=&gt;x.S206c_other)</p>	<p>DOUBLE <span style="float: right;">S206c_other_Total</span></p>
<p>S206c (ii) -Did you or any member of the household sell any of the following flowers in the last 12 months?</p> <p>E S206c ==1  V1 self.ContainsOnly(99)    (self.ContainsAny(1,2,3,4,5,6) &amp;&amp; !self.Contains(99))  M1 Cannot select "None of the above" with other options</p>	<p>MULTI-SELECT <span style="float: right;">S206c_type_flow</span></p> <p>01 <input type="checkbox"/> Maire Leis  02 <input type="checkbox"/> Tiare Maori flowers  03 <input type="checkbox"/> Tiare Maori leis  04 <input type="checkbox"/> Gardenia flowers  05 <input type="checkbox"/> Ginger/Heliconia Bouquets  06 <input type="checkbox"/> Others, specify  99 <input type="checkbox"/> None of the above</p>
<p>S206c(ii)- What was the total quantity of Maire Leis sold during last 12 months (each)</p> <p>E S206c ==1 &amp; S206c_type_Flow.Contains(1)  V1 self &gt;= 1 &amp; self &lt;= 2600  M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206c_maire</span></p> <p>-----</p>
<p>S206c(ii)- What was the total quantity of Taire Maori flowers sold during last 12 months (bags)</p> <p>E S206c ==1 &amp; S206c_type_Flow.Contains(2)  V1 self &gt;= 1 &amp; self &lt;= 2600  M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206c_tmaorib</span></p> <p>-----</p>
<p>S206c(ii)- What was the total quantity of Taire Maori leis sold during last 12 months (each)</p> <p>E S206c ==1 &amp; S206c_type_Flow.Contains(3)  V1 self &gt;= 1 &amp; self &lt;= 2600  M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206c_tmaorie</span></p> <p>-----</p>
<p>S206c(ii)- What was the total quantity of Gardenia flowers sold during last 12 months (bags)</p> <p>E S206c ==1 &amp; S206c_type_Flow.Contains(4)  V1 self &gt;= 1 &amp; self &lt;= 2600  M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206c_gardeniaf</span></p> <p>-----</p>
<p>S206c(ii)- What was the total quantity of Ginger/Heliconia Bouquets sold during last 12 months (bags)</p> <p>E S206c ==1 &amp; S206c_type_Flow.Contains(5)  V1 self &gt;= 1 &amp; self &lt;= 2600  M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206c_bouquets</span></p> <p>-----</p>
<p>S206c(ii)- Please list the other flowers sold during last 12 months?</p> <p>E S206c ==1 &amp; S206c_type_Flow.Contains(6)</p>	<p>LIST <span style="float: right;">S206c_fothers</span></p> <p>.....</p>

## Roster: OTHER FLOWERS

generated by list question [S206c\\_fothers](#)

FLOWER

S206c(ii)- what is the quantity of %rostertitle% flowers sold in last 12 months?	SINGLE-SELECT 01 <input type="radio"/> Bags 02 <input type="radio"/> Each	s206c_otherflower
E S206c_type_flow.Contains(6)		
S206c(ii)- What was the total quantity of %rostertitle% flowers sold during last 12 months (in bags)	NUMERIC: INTEGER -----	s206c_fothersbag
E S206c_otherflower==1 V1 self >= 1 & self <= 2600 M1 Quantity sold is out of range		
S206c(ii)- What was the total quantity of %rostertitle% flowers sold during last 12 months (each)	NUMERIC: INTEGER -----	s206c_fotherseach
E S206c_otherflower==2 V1 self >= 1 & self <= 2600 M1 Quantity sold is out of range		
VARIABLE FLOWER.Sum(x=>x.S206c_fothersbag)	DOUBLE	s206c_fothersbag_Tota1
VARIABLE FLOWER.Sum(x=>x.S206c_fotherseach)	DOUBLE	s206c_fotherseach_Tota1
S206d- Did you or your household engage in any value added agricultural activities?	SINGLE-SELECT 01 <input type="radio"/> Yes 02 <input type="radio"/> No	s206d
S206d- What type of value added products do you or household engage in?	MULTI-SELECT 01 <input type="checkbox"/> Powdered Products 02 <input type="checkbox"/> Chips 03 <input type="checkbox"/> Chutney 04 <input type="checkbox"/> Turmeric Paste 05 <input type="checkbox"/> Ginger Paste 06 <input type="checkbox"/> Jam 07 <input type="checkbox"/> Coconut Products 08 <input type="checkbox"/> Others, please specify	s206d_type
E S206d ==1		
S206d(i) What type of powdered products did the household sell in the last one week?	MULTI-SELECT 01 <input type="checkbox"/> Moringa 02 <input type="checkbox"/> Starch 03 <input type="checkbox"/> Turmeric 04 <input type="checkbox"/> Other Specify	powder_product_type
E S206d ==1 & s206d_type.Contains(1)		
S206d(i)- Provide average quantity of Moringa Powdered Product (in zip lock bag) sold in last one week?	NUMERIC: INTEGER -----	s206di_moringa
E S206d ==1 & s206d_type.Contains(1) & powder_product_type.Contains(1) V1 self >= 1 & self <= 50 M1 Quantity sold is out of range		

<p>S206d(i)- Provide average quantity of Starch Powdered Products (in zip lock bag) sold in last one week?</p> <p>E S206d ==1 &amp; S206d_type.Contains(1) &amp; powder_product_type.Contains(2)</p> <p>V1 self &gt;= 1 &amp; self &lt;= 50</p> <p>M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206di_pow_starch</span></p> <p>-----</p>
<p>S206d(i)- Provide average quantity of Turmeric Powdered Products (in zip lock bag) sold in last one week?</p> <p>E S206d ==1 &amp; S206d_type.Contains(1) &amp; powder_product_type.Contains(3)</p> <p>V1 self &gt;= 1 &amp; self &lt;= 50</p> <p>M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206di_pow_turmeric</span></p> <p>-----</p>
<p>S206d(i) - Please list all other powdered products sold during the last week</p> <p>E powder_product_type.Contains(4)</p>	<p>LIST <span style="float: right;">S206di_pw_other</span></p> <p>.....</p>

SECTION 2: CROP PRODUCTION ACTIVITY OF THE HOUSEHOLD  
**Roster: OTHER POWDERED PRODUCTS**

generated by list question [S206di\\_pw\\_other](#)

POWDERED

<p>S206d(i) - What is the total quantity of %rosteritle% (in zip lock bags) sold in last one week?</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206di_pw_other_quantity</span></p> <p>-----</p>
<p>S206d(i)- What type of Chips did the household sell in last one week?</p> <p>E S206d_type.Contains(2)</p>	<p>MULTI-SELECT <span style="float: right;">Chips_type</span></p> <p>01 <input type="checkbox"/> Maniota</p> <p>02 <input type="checkbox"/> Kumara</p> <p>03 <input type="checkbox"/> BreadFruit</p> <p>04 <input type="checkbox"/> Taro</p> <p>05 <input type="checkbox"/> Other, please specify</p>
<p>S206d(i)- Provide average quantity of Maniota Chips (in zip lock bag) sold in last one week?</p> <p>E Chips_type.Contains(1)</p> <p>V1 self &gt;= 1 &amp; self &lt;= 50</p> <p>M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206di_maniota</span></p> <p>-----</p>
<p>S206d(i)- Provide average quantity of Taro Chips (in zip lock bag) sold in last one week?</p> <p>E Chips_type.Contains(4)</p> <p>V1 self &gt;= 1 &amp; self &lt;= 50</p> <p>M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206di_taro</span></p> <p>-----</p>
<p>S206d(i)- Provide average quantity of Kumara Chips (in zip lock bag) sold in last one week?</p> <p>E Chips_type.Contains(2)</p> <p>V1 self &gt;= 1 &amp; self &lt;= 50</p> <p>M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206di_kumara</span></p> <p>-----</p>

<p>S206d(i)- Provide average quantity of Bread Fruit Chips (in zip lock bag) sold in last one week?</p> <p>E Chips_type.Contains(3)  V1 self &gt;= 1 &amp; self &lt;= 50  M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206di_bfruit</span></p> <p>-----</p>
<p>Please specify other chips</p> <p>E Chips_type.Contains(5)</p>	<p>TEXT <span style="float: right;">s206di_otherchips_specify</span></p> <p>.....</p>
<p>S206d(i)- Provide average quantity of Other Chips (in zip lock bag) sold in last one week?</p> <p>E Chips_type.Contains(5)  V1 self &gt;= 1 &amp; self &lt;= 50  M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206di_other_chips</span></p> <p>-----</p>
<p>S206d(i)- What type of Chutney did the household sell in last one week?</p> <p>E s206d_type.Contains(3)</p>	<p>MULTI-SELECT <span style="float: right;">chutney_type</span></p> <p>01 <input type="checkbox"/> Lime  02 <input type="checkbox"/> Tamarind  03 <input type="checkbox"/> Others, specify</p>
<p>S206d(i)- Provide average quantity of Lime Chutney (small bottle) sold in last one week?</p> <p>I small bottle is less than 200ml  E Chutney_type.Contains(1)  V1 self &gt;= 0 &amp; self &lt;= 50  M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206di_lchutneysmall</span></p> <p>-----</p>
<p>S206d(i)- Provide average quantity of Lime Chutney (large bottle) sold in last one week?</p> <p>I large bottle is 200ml or more  E Chutney_type.Contains(1)  V1 self &gt;= 0 &amp; self &lt;= 50  M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206di_lchutneylarge</span></p> <p>-----</p>
<p>S206d(i)- Provide average quantity of Tamarind Chutney (small bottle) sold in last one week?</p> <p>I small bottle is less than 200ml  E Chutney_type.Contains(2)  V1 self &gt;= 0 &amp; self &lt;= 50  M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206di_tchutneysmall</span></p> <p>-----</p>
<p>S206d(i)- Provide average quantity of Tamarind Chutney (large bottle) sold in last one week?</p> <p>I large bottle is 200ml or more  E Chutney_type.Contains(2)  V1 self &gt;= 0 &amp; self &lt;= 50  M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206di_tchutneylarge</span></p> <p>-----</p>
<p>S206d(i)- List the name of other chutneys sold by you or your household in last one week?</p> <p>E chutney_type.Contains(3)</p>	<p>LIST <span style="float: right;">s206di_chutneyname</span></p> <p>.....</p>

SECTION 2: CROP PRODUCTION ACTIVITY OF THE HOUSEHOLD  
Roster: OTHER CHUTNEYS  
generated by list question [s206di\\_chutneyname](#)

CHUTNEY

<p>S206d(i)- Provide average quantity small bottle %rosteritle% sold in last one week?</p> <p>I small bottle is less than 200ml  E Chutney_type.Contains(3)  V1 self &gt;= 0 &amp; self &lt;= 50  M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206di chutneyos</span></p> <p>-----</p>
<p>S206d(i)- Provide average quantity large bottle %rosteritle% sold in last one week?</p> <p>I large bottle is 200ml or more  E Chutney_type.Contains(3)  V1 self &gt;= 0 &amp; self &lt;= 50  M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206di chutneyo1</span></p> <p>-----</p>
<p>VARIABLE  CHUTNEY.Sum(x=&gt;x.S206di chutneyos)</p>	<p>DOUBLE <span style="float: right;">S206di chutneyos_Tota1</span></p>
<p>VARIABLE  CHUTNEY.Sum(x=&gt;x.S206di chutneyo1)</p>	<p>DOUBLE <span style="float: right;">S206di chutneyo1_Tota1</span></p>
<p>S206d(i)- Provide average quantity of Tumeric Paste (small bottle) sold in last one week?</p> <p>I small bottle is less than 200ml  E S206d_type.Contains(4)  V1 self &gt;= 0 &amp; self &lt;= 50  M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206di_tpastesma11</span></p> <p>-----</p>
<p>S206d(i)- Provide average quantity of Tumeric Paste (large bottle) sold in last one week?</p> <p>E S206d_type.Contains(4)  V1 self &gt;= 0 &amp; self &lt;= 50  M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206di_tpaste1arge</span></p> <p>-----</p>
<p>S206d(i)- Provide average quantity of Ginger Paste (small bottle) sold in last one week?</p> <p>I small bottle is less than 200ml  E S206d_type.Contains(5)  V1 self &gt;= 0 &amp; self &lt;= 50  M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206di_gpastesma11</span></p> <p>-----</p>
<p>S206d(i)- Provide average quantity of Ginger Paste (large bottle) sold in last one week?</p> <p>I large bottle is 200ml or more  E S206d_type.Contains(5)  V1 self &gt;= 0 &amp; self &lt;= 50  M1 Quantity sold is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206di_gpaste1arge</span></p> <p>-----</p>
<p>S206d(i)- What type of Jam did the household sell in the last one week?</p> <p>E S206d_type.Contains(6)</p>	<p>MULTI-SELECT <span style="float: right;">Jam_type</span></p> <p>01 <input type="checkbox"/> Pawpaw  02 <input type="checkbox"/> Ginger  03 <input type="checkbox"/> Lime  04 <input type="checkbox"/> Others, please specify</p>
<p>S206d(i)- Provide average quantity of Pawpaw Jam (Small Bottle) sold in last one week?</p> <p>I small bottle is less than 200ml  E Jam_type.Contains(1)  V1 self &gt;= 0 &amp; self &lt;= 50  M1 Quantity is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206di_pawpawjams</span></p> <p>-----</p>



<p>S206d(i)- Provide average quantity of Pawpaw Jam (Large Bottle) sold in last one week?</p> <p>I large bottle is 200ml and more  E Jam_type.Contains(1)  V1 self &gt;= 0 &amp; self &lt;= 50  M1 Quantity entered is out of the range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206di_pawpawjam1</span></p> <p>-----</p>
<p>S206d(i)- Provide average quantity of Ginger Jam (Small Bottle) sold in last one week?</p> <p>I small bottle is less than 200ml  E Jam_type.Contains(2)  V1 self &gt;= 0 &amp; self &lt;= 50  M1 Quantity entered is out of the range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206di_gingerjams</span></p> <p>-----</p>
<p>S206d(i)- Provide average quantity of Ginger Jam (Large Bottle) sold in last one week?</p> <p>I large bottle is 200ml and more  E Jam_type.Contains(2)  V1 self &gt;= 0 &amp; self &lt;= 50  M1 Quantity entered is out of the range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206di_gingerjam1</span></p> <p>-----</p>
<p>S206d(i)- Provide average quantity of Lime Jam (Small Bottle) sold in last one week?</p> <p>I small bottle is less than 200ml  E Jam_type.Contains(3)  V1 self &gt;= 0 &amp; self &lt;= 50  M1 Quantity entered is out of the range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206di_limejams</span></p> <p>-----</p>
<p>S206d(i)- Provide average quantity of Lime Jam (Large Bottle) sold in last one week?</p> <p>I large bottle is 200ml and more  E Jam_type.Contains(3)  V1 self &gt;= 0 &amp; self &lt;= 50  M1 Quantity entered is out of the range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206di_limejam1</span></p> <p>-----</p>
<p>S206d(i)- Any other jams sold in last one week?</p> <p>E Jam_type.Contains(4)</p>	<p>LIST <span style="float: right;">s206di_otherjam</span></p> <p>.....</p>

SECTION 2: CROP PRODUCTION ACTIVITY OF THE HOUSEHOLD

Roster: OTHER JAMS

generated by list question [s206di\\_otherjam](#)

Jam

<p>S206d(i)- Provide average quantity of any %rostertitle% jams sold (small bottle) sold in last one week?</p> <p>I small bottle is less than 200ml  E Jam_type.Contains(4)  V1 self &gt;= 0 &amp; self &lt;= 50  M1 Quantity entered is out of the range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206di_jamos</span></p> <p>-----</p>
<p>S206d(i)- Provide average quantity of any %rostertitle% jams (in large bottles) sold in last one week?</p> <p>I large bottle is 200ml and more  E Jam_type.Contains(4)  V1 self &gt;= 0 &amp; self &lt;= 50  M1 Quantity entered is out of the range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206di_jamo1</span></p> <p>-----</p>

VARIABLE Jam.Sum(x=>x.S206dijamos)	DOUBLE s206dijamos_Tota1
VARIABLE Jam.Sum(x=>x.S206dijamo1)	DOUBLE s206dijamo1_Tota1
S206d(i)- What type of coconut products did the household sell in the last one week? E S206d_type.Contains(7)	MULTI-SELECT coconut_type 01 <input type="checkbox"/> Coconut Body Cream 02 <input type="checkbox"/> Coconut Oil 03 <input type="checkbox"/> Coconut Soap
S206d(i)- Provide average quantity of Coconut body cream (Small Bottle) sold in last one week? I small bottle is less than 200 ml E coconut_type.Contains(1) V1 self >= 0 & self <= 50 M1 Quantity entered is out of the range	NUMERIC: INTEGER s206di_ccreams -----
S206d(i)- Provide average quantity of Coconut body cream (Large Bottle) sold in last one week? I large bottle is 200 ml or more E coconut_type.Contains(1) V1 self >= 0 & self <= 50 M1 Quantity entered is out of the range	NUMERIC: INTEGER s206di_ccream1 -----
S206d(i)- Provide average quantity of Coconut Oil 100ml bottle sold in last one week? E coconut_type.Contains(2) V1 self >= 0 & self <= 50 M1 Quantity entered is out of the range	NUMERIC: INTEGER s206di_c_oil_s -----
S206d(i)- Provide average quantity of Coconut Oil 500ml bottle sold in last one week? E coconut_type.Contains(2) V1 self >= 0 & self <= 50 M1 Quantity entered is out of the range	NUMERIC: INTEGER s206di_c_oil_1 -----
S206d(i)- Provide average quantity of Coconut soap (number of bars) sold in last one week? E coconut_type.Contains(3) V1 self >= 0 & self <= 50 M1 Quantity entered is out of the range	NUMERIC: INTEGER s206di_c_soap -----
S206d(i)- Please list the other value added products sold in last one week? E S206d_type.Contains(8)	LIST s206di_othervalue .....

SECTION 2: CROP PRODUCTION ACTIVITY OF THE HOUSEHOLD  
Roster: OTHER VALUE ADD PRODUCTS  
generated by list question [s206di\\_othervalue](#)

OTHERVALUEADD

S206d(i)- What was the average quantity of %rostertitle% you sold in last one week? E S206d_type.Contains(8)	MULTI-SELECT s206divaddedqty 01 <input type="checkbox"/> small bottle 02 <input type="checkbox"/> large bottle 03 <input type="checkbox"/> Zip Lock bag
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<p>S206d(i)- Provide average quantity small bottle of %rostertitle% sold in last one week?</p> <p>I Note this is less than 200ml  E S206divaddedqty.Contains(1)  V1 self &gt;= 1 &amp; self &lt;= 50  M1 Quantity entered is out of the range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206divaddeds</span></p> <p>-----</p>
<p>S206d(i)- Provide average quantity large bottle of %rostertitle% sold in last one week?</p> <p>I Note this less 200ml and more  E S206divaddedqty.Contains(2)  V1 self &gt;= 1 &amp; self &lt;= 50  M1 Quantity entered is out of the range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206divaddedl</span></p> <p>-----</p>
<p>S206d(i)- Provide average quantity of %rostertitle% sold in last one week in zip lock bag?</p> <p>E S206divaddedqty.Contains(3)  V1 self &gt;= 1 &amp; self &lt;= 50  M1 Quantity entered is out of the range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206divaddedb</span></p> <p>-----</p>
<p>VARIABLE  OTHERVALUEADD.Sum(x=&gt;x.S206divaddeds)</p>	<p>DOUBLE <span style="float: right;">S206divaddeds_Total</span></p>
<p>VARIABLE  OTHERVALUEADD.Sum(x=&gt;x.S206divaddedl)</p>	<p>DOUBLE <span style="float: right;">S206divaddedl_Total</span></p>
<p>VARIABLE  OTHERVALUEADD.Sum(x=&gt;x.S206divaddedb)</p>	<p>DOUBLE <span style="float: right;">S206divaddedb_Total</span></p>
<p>S206e- Did you or your household engage in selling any cooked food in last one week?</p>	<p>SINGLE-SELECT <span style="float: right;">S206e</span></p> <p>01 <input type="radio"/> Yes  02 <input type="radio"/> No</p>
<p>S206e(i)- What type of cooked food did the household sell in the last one week?</p> <p>E S206e == 1</p>	<p>MULTI-SELECT <span style="float: right;">cooked_type</span></p> <p>01 <input type="checkbox"/> Chestnut  02 <input type="checkbox"/> Coconut Sauce (Tai Akari)  03 <input type="checkbox"/> Pudding(Chestnut/Banana/Poke Nita/Cassava)  04 <input type="checkbox"/> Cooked banana/Maniota/Taro/Kumara/Tarua  05 <input type="checkbox"/> Taro Leaves  06 <input type="checkbox"/> Others, please specify</p>
<p>S206e(ii)- Provide average quantity of Chestnut (in zip lock bag) in last one week?</p> <p>E cooked_type.Contains(1)  V1 self &gt;= 1 &amp; self &lt;= 50  M1 Quantity entered is out of the range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206eii_chestnut</span></p> <p>-----</p>
<p>S206e(ii)- Provide average quantity of Coconut Sauce (750ml bottle) sold in last one week?</p> <p>E cooked_type.Contains(2)  V1 self &gt;= 0 &amp; self &lt;= 50  M1 Quantity entered is out of the range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S206eii_sauce1</span></p> <p>-----</p>

<p>S206e(ii)- Provide average quantity of Coconut Sauce (600ml bottle) sold in last one week?</p> <p>E cooked_type.Contains(2)  V1 self &gt;= 0 &amp; self &lt;= 50  M1 Quantity entered is out of the range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206eii_sauces</span></p> <p>-----</p>
<p>S206e(ii)- What type of pudding did the household sell in the last one week?</p> <p>E cooked_type.Contains(3)</p>	<p>MULTI-SELECT <span style="float: right;">pudding_type</span></p> <p>01 <input type="checkbox"/> Chestnut Pudding (kanaka)  02 <input type="checkbox"/> Banana Pudding (Poke Meika)  03 <input type="checkbox"/> Pawpaw Pudding (Poke nita)  04 <input type="checkbox"/> Cassava Pudding (Maniota)</p>
<p>S206e(ii)- Provide average quantity of Chestnut pudding- Kanaka (in single bars) in last one week?</p> <p>E pudding_type.Contains(1)  V1 self &gt;= 1 &amp; self &lt;= 50  M1 Quantity entered is out of the range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206eii_chestnutpudd</span></p> <p>-----</p>
<p>S206e(ii)- Provide average quantity of Banana pudding- Poke Meika (small container) in last one week?</p> <p>E pudding_type.Contains(2)  V1 self &gt;= 1 &amp; self &lt;= 50  M1 Quantity entered is out of the range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206eii_bananapudds</span></p> <p>-----</p>
<p>S206e(ii)- Provide average quantity of Banana pudding- Poke Meika (large container) in last one week?</p> <p>E pudding_type.Contains(2)  V1 self &gt;= 1 &amp; self &lt;= 50  M1 Quantity entered is out of the range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206eii_bananapudd1</span></p> <p>-----</p>
<p>S206e(ii)- Provide average quantity of Pudding- Poke nita (plate) sold in last one week?</p> <p>E pudding_type.Contains(3)  V1 self &gt;= 1 &amp; self &lt;= 50  M1 Quantity entered is out of the range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206eii_puddingplate</span></p> <p>-----</p>
<p>S206e(ii)- Provide average quantity of Cassava pudding - Maniota(single bars) sold in last one week?</p> <p>E pudding_type.Contains(4)  V1 self &gt;= 1 &amp; self &lt;= 50  M1 Quantity entered is out of the range</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206eii_manibars</span></p> <p>-----</p>
<p>S206d(i)- What type of cooked food did the household sell in the last one week?</p> <p>E cooked_type.Contains(4)</p>	<p>MULTI-SELECT <span style="float: right;">cooked_Root</span></p> <p>01 <input type="checkbox"/> Taro  02 <input type="checkbox"/> Maniota  03 <input type="checkbox"/> Kumara  04 <input type="checkbox"/> Banana  05 <input type="checkbox"/> Tarua</p>
<p>S206e(ii)- Provide average quantity of Maniota (plate) sold in last one week?</p> <p>E cooked_Root.Contains(2)  V1 self &gt;= 1 &amp; self &lt;= 50  M1 Quantity should be greater than or equal to 1</p>	<p>NUMERIC: INTEGER <span style="float: right;">s206eii_Maniplate</span></p> <p>-----</p>

<p>S206e(ii)- Provide average quantity of Taro (plate) sold in last one week?</p> <p>E cooked_Root.Contains(1)  V1 self &gt;= 1 &amp; self &lt;= 50  M1 Quantity entered is out of the range</p>	<p>NUMERIC: INTEGER</p> <p>S206eii_Taroplate</p> <p>-----</p>
<p>S206e(ii)- Provide average quantity of Banana (plate) sold in last one week?</p> <p>E cooked_Root.Contains(4)  V1 self &gt;= 1 &amp; self &lt;= 50  M1 Quantity entered is out of the range</p>	<p>NUMERIC: INTEGER</p> <p>S206eii_Bananaplate</p> <p>-----</p>
<p>S206e(ii)- Provide average quantity of Kumara (plate) sold in last one week?</p> <p>E cooked_Root.Contains(3)  V1 self &gt;= 1 &amp; self &lt;= 50  M1 Quantity entered is out of the range</p>	<p>NUMERIC: INTEGER</p> <p>S206eii_Kumaplate</p> <p>-----</p>
<p>S206e(ii)- Provide average quantity of Tarua (plate) sold in last one week?</p> <p>E cooked_Root.Contains(5)  V1 self &gt;= 1 &amp; self &lt;= 50  M1 Quantity entered is out of the range</p>	<p>NUMERIC: INTEGER</p> <p>S206eii_taruaplate</p> <p>-----</p>
<p>S206e(ii)- Provide average quantity of Taro leaves (small container) sold in last one week?</p> <p>E cooked_type.Contains(5)  V1 self &gt;= 0 &amp; self &lt;= 50  M1 Quantity entered is out of the range</p>	<p>NUMERIC: INTEGER</p> <p>S206eii_Tarosmall</p> <p>-----</p>
<p>S206e(ii)- Provide average quantity of Taro leaves (large container)in last one week?</p> <p>E cooked_type.Contains(5)  V1 self &gt;= 0 &amp; self &lt;= 50  M1 Quantity entered is out of the range</p>	<p>NUMERIC: INTEGER</p> <p>S206eii_Tarolarge</p> <p>-----</p>
<p>S206e(ii)- Any other cooked foods sold in last one week?</p> <p>E cooked_type.Contains(6)</p>	<p>LIST</p> <p>S206eii_othercooked</p> <p>.....</p>

SECTION 2: CROP PRODUCTION ACTIVITY OF THE HOUSEHOLD

Roster: OTHER COOKED FOODS

generated by list question [S206eii\\_othercooked](#)

other\_cooked

<p>Q206e(ii) - What unit was %rostertitle% sold as?</p>	<p>SINGLE-SELECT</p> <p>Q206eiicooked_unit</p> <p>01 <input type="radio"/> Small Container  02 <input type="radio"/> Large Container  03 <input type="radio"/> Plate</p>
<p>S206e(ii)- Provide average quantity of %rostertitle% sold in last one week?</p> <p>V1 self &gt;= 1 &amp; self &lt;= 50  M1 Quantity entered is out of the range</p>	<p>NUMERIC: INTEGER</p> <p>S206eiicooked</p> <p>-----</p>
<p>VARIABLE</p> <p>Other_cooked.Sum(x=&gt;x.S206eiicooked)</p>	<p>DOUBLE</p> <p>S206eiicooked_Total</p>

S206e(iii)- where did you sell?

E S206e == 1

MULTI-SELECT

S206eiii

- 01  Roadside
- 02  To Shops
- 03  Market
- 04  Others, specify

S206e(iii)- Others, specify

E S206eiii.Contains(4)

LIST

S206eiii\_others

.....

# SECTION 3: LIVESTOCK AND POULTRY(INCLUDES DUCKS)

Section\_3

E IsSectionAnswered(Cov) && AgFish.Contains(1)

<p>S301- Does your Household have any livestock or poultry (including ducks) during the last 12 months?</p>	<p>SINGLE-SELECT <span style="float: right;">S301</span>                  01 <input type="radio"/> Yes                  02 <input type="radio"/> No</p>
<p>S302- What was the type of operation during last 12 months?                  E S301 == 1</p>	<p>SINGLE-SELECT <span style="float: right;">S302</span>                  01 <input type="radio"/> Commercial                  02 <input type="radio"/> Semi-subsistence                  03 <input type="radio"/> Subsistence</p>
<p>S303-What kind of Livestock does your household keep during the last 12 months?                  E S301 ==1</p>	<p>MULTI-SELECT <span style="float: right;">S303_livestock</span>                  01 <input type="checkbox"/> Pigs                  02 <input type="checkbox"/> Goats                  03 <input type="checkbox"/> Cattle                  04 <input type="checkbox"/> Chicken                  05 <input type="checkbox"/> Ducks                  06 <input type="checkbox"/> Horses</p>
<p>What types of Pigs are kept?                  E S301 ==1 &amp; S303_livestock.Contains(1)</p>	<p>MULTI-SELECT <span style="float: right;">S303_pigs_kept</span>                  01 <input type="checkbox"/> Weaners                  02 <input type="checkbox"/> Growers                  03 <input type="checkbox"/> Boars                  04 <input type="checkbox"/> Sows                  05 <input type="checkbox"/> Piglets</p>

## SECTION 3: LIVESTOCK AND POULTRY(INCLUDES DUCKS)

### Roster: TYPE OF PIGS KEPT

generated by multi-select question [S303\\_pigs\\_kept](#)

Pig\_type

<p>S3032-Number kept                  I on the day of the enumeration                  V1 self &gt;=0 &amp;&amp; self &lt;= 50                  M1 the number of livestock kept is out of the range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S3032</span>                  -----</p>
<p>S3033-Rearing System used                  E S3032 &gt;= 1</p>	<p>MULTI-SELECT <span style="float: right;">S3033</span>                  01 <input type="checkbox"/> Free Range                  02 <input type="checkbox"/> Tied on Rope                  03 <input type="checkbox"/> Enclosed on own land                  04 <input type="checkbox"/> Enclosed on another households land</p>
<p>S3034- Number slaughtered and consumed during last 12 months                  E S303_pigs_kept.Contains(1)    S303_pigs_kept.Contains(2)    S303_pigs_kept.Contains(3)    S303_pigs_kept.Contains(4)                  V1 self &gt;=0 &amp;&amp; self &lt;= 50                  M1 total number entered is outside the range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S3034</span>                  -----</p>

<p>S3035- Number slaughtered and gifted during last 12 months</p> <p>E S303_pigs_kept.Contains(1)    S303_pigs_kept.Contains(2)    S303_pigs_kept.Contains(3)    S303_pigs_kept.Contains(4)</p> <p>V1 self &gt;=0 &amp;&amp; self &lt;= 50</p> <p>M1 total number entered is outside the range</p>	<p>NUMERIC: INTEGER</p> <p>S3035</p> <p>-----</p>
<p>S3036- Number slaughtered and sold during last 12 months</p> <p>E S303_pigs_kept.Contains(1)    S303_pigs_kept.Contains(2)    S303_pigs_kept.Contains(3)    S303_pigs_kept.Contains(4)</p> <p>V1 self &gt;=0 &amp;&amp; self &lt;= 50</p> <p>M1 total number entered is outside the range</p>	<p>NUMERIC: INTEGER</p> <p>S3036</p> <p>-----</p>
<p>S3037- Number sold alive during last 12 months</p> <p>E S302 &lt; 3</p> <p>V1 self &gt;=0 &amp;&amp; self &lt;= 50</p> <p>M1 total number entered is outside the range</p>	<p>NUMERIC: INTEGER</p> <p>S3037</p> <p>-----</p>
<p>VARIABLE</p> <p>((S3036&gt;0)?(S3036):(0)) + ((S3037&gt;0)?(S3037):(0))</p>	<p>LONG</p> <p>PigsSold</p>
<p>S3038- Number gifted alive during last 12 months</p> <p>V1 self &gt;=0 &amp;&amp; self &lt;= 50</p> <p>M1 total number entered is outside the range</p>	<p>NUMERIC: INTEGER</p> <p>S3038</p> <p>-----</p>
<p>S3039- What is the total revenue from the sale?</p> <p>E S302 &lt;= 2 &amp; (S3036 &gt; 0    S3037 &gt; 0)</p> <p>V1 self.InRange((pigs[@rowcode].minprice * PigsSold), (pigs[@rowcode].maxprice * PigsSold))</p> <p>M1 Revenue is outside the expected range for number of pigs sold (%PigsSold%)</p>	<p>NUMERIC: DECIMAL</p> <p>S3039</p> <p>-----</p>
<p>What types of Cattle are kept?</p> <p>E S301 ==1 &amp; S303_livestock.Contains(3)</p>	<p>MULTI-SELECT</p> <p>S304_cattle_kept</p> <p>01 <input type="checkbox"/> Bulls</p> <p>02 <input type="checkbox"/> Cows</p> <p>03 <input type="checkbox"/> Calf</p>

SECTION 3: LIVESTOCK AND POULTRY(INCLUDES DUCKS)

Roster: TYPE OF CATTLES KEPT

generated by multi-select question [S304\\_cattle\\_kept](#)

Cattle\_type

<p>S3042-Number kept</p> <p>I on the day of the enumeration</p> <p>V1 self &gt;=0 &amp;&amp; self &lt;= 70</p> <p>M1 the number of livestock kept is out of the range</p>	<p>NUMERIC: INTEGER</p> <p>S3042</p> <p>-----</p>
<p>S3043-Rearing System used</p> <p>E S3042 &gt;= 1</p>	<p>MULTI-SELECT</p> <p>S3043</p> <p>01 <input type="checkbox"/> Free Range</p> <p>02 <input type="checkbox"/> Tied on Rope</p> <p>03 <input type="checkbox"/> Enclosed on own land</p> <p>04 <input type="checkbox"/> Enclosed on another households land</p>



<p>S3044- Number slaughtered and consumed during last 12 months</p> <p>E S304_cattle_kept.Contains(1)    S304_cattle_kept.Contains(2)</p> <p>V1 self &gt;=0 &amp;&amp; self &lt;= 70</p> <p>M1 total number entered is out of range</p>	<p>NUMERIC: INTEGER S3044</p> <p>-----</p>
<p>S3045- Number slaughtered and gifted during last 12 months</p> <p>E S304_cattle_kept.Contains(1)    S304_cattle_kept.Contains(2)</p> <p>V1 self &gt;=0 &amp;&amp; self &lt;= 70</p> <p>M1 total number entered is out of range</p>	<p>NUMERIC: INTEGER S3045</p> <p>-----</p>
<p>S3046- Number slaughtered and sold during last 12 months</p> <p>E S302 &lt; 3 &amp; (S304_cattle_kept.Contains(1)    S304_cattle_kept.Contains(2))</p> <p>V1 self &gt;=0 &amp;&amp; self &lt;= 70</p> <p>M1 total number entered is out of range</p>	<p>NUMERIC: INTEGER S3046</p> <p>-----</p>
<p>S3047- Number sold alive during last 12 months</p> <p>E S302 &lt; 3</p> <p>V1 self &gt;=0 &amp;&amp; self &lt;= 70</p> <p>M1 total number entered is out of range</p>	<p>NUMERIC: INTEGER S3047</p> <p>-----</p>
<p>VARIABLE</p> <p>((S3046&gt;0)?(S3046):(0)) + ((S3047&gt;0)?(S3047):(0))</p>	<p>LONG CattleSold</p>
<p>S3048- Number gifted alive during last 12 months</p> <p>V1 self &gt;=0 &amp;&amp; self &lt;= 70</p> <p>M1 total number entered is out of range</p>	<p>NUMERIC: INTEGER S3048</p> <p>-----</p>
<p>S3049- What is the total revenue from the sale?</p> <p>E S302 &lt;= 2 &amp; (S3046 &gt; 0    S3047 &gt;0)</p> <p>W1 self.InRange((cattle[@rowcode].minprice * CattleSold), (cattle[@rowcode].maxprice * CattleSold))</p> <p>M1 Revenue is outside the expected range for number of cattle sold (%CattleSold%)</p>	<p>NUMERIC: DECIMAL S3049</p> <p>-----</p>
<p>What types of goats are kept?</p> <p>E S301 ==1 &amp; S303_livestock.Contains(2)</p>	<p>MULTI-SELECT S305_goat_kept</p> <p>01 <input type="checkbox"/> Bucks</p> <p>02 <input type="checkbox"/> Does</p> <p>03 <input type="checkbox"/> Kid</p>
<p>SECTION 3: LIVESTOCK AND POULTRY(INCLUDES DUCKS)</p> <p>Roster: TYPE OF GOATS KEPT</p> <p>generated by multi-select question <a href="#">S305_goat_kept</a> Goat_type</p>	
<p>S3052-Number kept</p> <p>I on the day of the enumeration</p> <p>V1 self &gt;=0 &amp;&amp; self &lt;= 500</p> <p>M1 the number of livestock kept is out of the range</p>	<p>NUMERIC: INTEGER S3052</p> <p>-----</p>

<p>S3053-Rearing System used</p> <p>E S3052 &gt;= 1</p>	<p>MULTI-SELECT <span style="float: right;">S3053</span></p> <p>01 <input type="checkbox"/> Free Range</p> <p>02 <input type="checkbox"/> Tied on Rope</p> <p>03 <input type="checkbox"/> Enclosed on own land</p> <p>04 <input type="checkbox"/> Enclosed on another households land</p>
<p>S3054- Number slaughtered and consumed during last 12 months</p> <p>E S305_goat_kept.ContainsAny(1,2)</p> <p>V1 self &gt;=0 &amp;&amp; self &lt;= 500</p> <p>M1 total number entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S3054</span></p> <p>-----</p>
<p>S3055- Number slaughtered and gifted during last 12 months</p> <p>E S305_goat_kept.ContainsAny(1,2)</p> <p>V1 self &gt;=0 &amp;&amp; self &lt;= 500</p> <p>M1 total number entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S3055</span></p> <p>-----</p>
<p>S3056- Number slaughtered and sold during last 12 months</p> <p>E S302 &lt; 3 &amp;&amp; S305_goat_kept.ContainsAny(1,2)</p> <p>V1 self &gt;=0 &amp;&amp; self &lt;= 500</p> <p>M1 total number entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S3056</span></p> <p>-----</p>
<p>S3057- Number sold alive during last 12 months</p> <p>E S302 &lt; 3</p> <p>V1 self &gt;=0 &amp;&amp; self &lt;= 500</p> <p>M1 total number entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S3057</span></p> <p>-----</p>
<p>VARIABLE</p> <p>((S3056&gt;0)?(S3056):(0)) + ((S3057&gt;0)?(S3057):(0))</p>	<p>LONG <span style="float: right;">GoatsSold</span></p>
<p>S3058- Number gifted alive during last 12 months</p> <p>V1 self &gt;=0 &amp;&amp; self &lt;= 500</p> <p>M1 total number entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S3058</span></p> <p>-----</p>
<p>S3059- What is the total revenue from the sale?</p> <p>E S302 &lt;= 2 &amp; (S3056 &gt; 0    S3057 &gt; 0)</p> <p>V1 self.InRange((goats[@rowcode].minprice * GoatsSold), (goats[@rowcode].maxprice * GoatsSold))</p> <p>M1 Revenue is outside the expected range for number of goats sold (%GoatsSold%)</p>	<p>NUMERIC: DECIMAL <span style="float: right;">S3059</span></p> <p>-----</p>
<p>What types of horses are kept?</p> <p>E S301 ==1 &amp; S303_livestock.Contains(6)</p>	<p>MULTI-SELECT <span style="float: right;">S306_horse_kept</span></p> <p>01 <input type="checkbox"/> Stallion</p> <p>02 <input type="checkbox"/> Mares</p> <p>03 <input type="checkbox"/> Foals</p>

SECTION 3: LIVESTOCK AND POULTRY(INCLUDES DUCKS)

Roster: TYPE OF HORSES KEPT

generated by multi-select question [S306\\_horse\\_kept](#)

Horse\_type

<p><b>S3062-Number kept</b></p> <p>I on the day of the enumeration  V1 self &gt;=0 &amp;&amp; self &lt;= 5  M1 Number of livestock kept is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S3062</span></p> <p>-----</p>
<p><b>S3063-Rearing System used</b></p> <p>E S3062 &gt;= 1</p>	<p>MULTI-SELECT <span style="float: right;">S3063</span></p> <p>01 <input type="checkbox"/> Free Range  02 <input type="checkbox"/> Tied on Rope  03 <input type="checkbox"/> Enclosed on own land  04 <input type="checkbox"/> Enclosed on another households land</p>
<p><b>S3068- Number gifted alive during last 12 months</b></p> <p>E S302 &lt; 3  V1 self &gt;= 0 &amp; self &lt;= 5  M1 Number of livestock kept is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S3068</span></p> <p>-----</p>
<p><b>What types of chicken are kept?</b></p> <p>E S301 ==1 &amp; S303_livestock.Contains(4)</p>	<p>MULTI-SELECT <span style="float: right;">S307_chicken_kept</span></p> <p>01 <input type="checkbox"/> Chicken-Layers  02 <input type="checkbox"/> Chicken-Local</p>

SECTION 3: LIVESTOCK AND POULTRY(INCLUDES DUCKS)

**Roster: TYPE OF CHICKEN KEPT**

generated by multi-select question [S307\\_chicken\\_kept](#)

Chicken\_type

<p><b>S3072-Number kept</b></p> <p>I on the day of the enumeration  V1 (@rowcode == 1 &amp;&amp; self.InRange(0,2000))    (@rowcode == 2 &amp;&amp; self.InRange(0,200))  M1 Number of livestock kept is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S3072</span></p> <p>-----</p>
<p><b>S3073-Rearing System used</b></p> <p>E S3072 &gt;= 1</p>	<p>MULTI-SELECT <span style="float: right;">S3073</span></p> <p>01 <input type="checkbox"/> Free Range  03 <input type="checkbox"/> Enclosed on own land  04 <input type="checkbox"/> Enclosed on another households land</p>
<p><b>S3074- Number slaughtered and consumed during last 12 months</b></p> <p>V1 self &gt;=0 &amp;&amp; self &lt;= 200  M1 Number of livestock kept is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S3074</span></p> <p>-----</p>
<p><b>S3075- Number slaughtered and gifted during last 12 months</b></p> <p>V1 self &gt;=0 &amp;&amp; self &lt;= 200  M1 Number of livestock kept is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S3075</span></p> <p>-----</p>
<p><b>S3076- Number slaughtered and sold during last 12 months</b></p> <p>E S302 &lt; 3  V1 self &gt;=0 &amp;&amp; self &lt;= 200  M1 Number of livestock kept is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S3076</span></p> <p>-----</p>

<p>S3077- Number sold alive during last 12 months</p> <p>E S302 &lt; 3 V1 self &gt;=0 &amp;&amp; self &lt;= 200 M1 Number of livestock kept is out of range</p>	<p>NUMERIC: INTEGER</p> <p>S3077</p> <p>-----</p>
<p>VARIABLE</p> <p>((S3076&gt;0)?(S3076):(0)) + ((S3077&gt;0)?(S3077):(0))</p>	<p>LONG</p> <p>ChickenSold</p>
<p>S3078- Number gifted alive during last 12 months</p> <p>V1 self &gt;=0 &amp;&amp; self &lt;= 200 M1 Number of livestock kept is out of range</p>	<p>NUMERIC: INTEGER</p> <p>S3078</p> <p>-----</p>
<p>S3079- What is the total revenue from the sale?</p> <p>E S302 &lt;= 2 &amp; (S3077 &gt; 0    S3076 &gt;0) V1 self.InRange((chickens[@rowcode].minprice * ChickenSold), (chickens[@rowcode].maxprice * ChickenSold)) M1 Revenue is outside the expected range for number of chickens sold (% ChickenSold%)</p>	<p>NUMERIC: DECIMAL</p> <p>S3079</p> <p>-----</p>
<p>What types of ducks are kept?</p> <p>E S301 ==1 &amp; S303_livestock.Contains(5)</p>	<p>MULTI-SELECT</p> <p>S308_ducks_kept</p> <p>01 <input type="checkbox"/> Drakes 02 <input type="checkbox"/> Hens 03 <input type="checkbox"/> Ducklings</p>

SECTION 3: LIVESTOCK AND POULTRY(INCLUDES DUCKS)

Roster: TYPE OF DUCKS KEPT

generated by multi-select question [S308\\_ducks\\_kept](#)

Ducks\_type

<p>S3082-Number kept</p> <p>I on the day of the enumeration V1 self &gt;=0 &amp;&amp; self &lt;= 50 M1 Number of livestock kept is out of range</p>	<p>NUMERIC: INTEGER</p> <p>S3082</p> <p>-----</p>
<p>S3083-Rearing System used</p> <p>F S3082 &gt;= 1</p>	<p>MULTI-SELECT</p> <p>S3083</p> <p>01 <input type="checkbox"/> Free Range 03 <input type="checkbox"/> Enclosed on own land 04 <input type="checkbox"/> Enclosed on another households land</p>
<p>S3084- Number slaughtered and consumed during last 12 months</p> <p>E S308_ducks_kept.ContainsAll(1,2) V1 self &gt;=0 &amp;&amp; self &lt;= 50 M1 Number of livestock kept is out of range</p>	<p>NUMERIC: INTEGER</p> <p>S3084</p> <p>-----</p>
<p>S3085- Number slaughtered and gifted during last 12 months</p> <p>E S308_ducks_kept.ContainsAll(1,2) V1 self &gt;=0 &amp;&amp; self &lt;= 50 M1 Number of livestock kept is out of range</p>	<p>NUMERIC: INTEGER</p> <p>S3085</p> <p>-----</p>
<p>S3086- Number slaughtered and sold during last 12 months</p> <p>E S302 &lt; 3 &amp; S308_ducks_kept.ContainsAll(1,2) V1 self &gt;=0 &amp;&amp; self &lt;= 50 M1 Number of livestock kept is out of range</p>	<p>NUMERIC: INTEGER</p> <p>S3086</p> <p>-----</p>

<p>S3087- Number sold alive during last 12 months</p> <p>E S302 &lt; 3  V1 self &gt;=0 &amp;&amp; self &lt;= 50  M1 Number of livestock kept is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S3087</span></p> <p>-----</p>
<p>VARIABLE  ((S3086&gt;0)?(S3086):(0)) + ((S3087&gt;0)?(S3087):(0))</p>	<p>LONG <span style="float: right;">DucksSold</span></p>
<p>S3088- Number gifted alive during last 12 months</p> <p>V1 self &gt;=0 &amp;&amp; self &lt;= 50  M1 Number of livestock kept is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S3088</span></p> <p>-----</p>
<p>S3089- What is the total revenue from the sale?</p> <p>E S302 &lt;= 2 &amp; (S3086 &gt;0    S3087 &gt;0)  V1 self.InRange((ducks[@rowcode].minprice * DucksSold), (ducks[@rowcode].maxprice * DucksSold))  M1 Revenue is outside the expected range for number of ducks sold (%DucksSold%)</p>	<p>NUMERIC: DECIMAL <span style="float: right;">S3089</span></p> <p>-----</p>

# SECTION 4- LAND OPERATED BY THE HOUSEHOLD DURING THE LAST 12 MONTHS

Section\_4

E IsSectionAnswered(Cov) && AgFish.Contains(1)

<p>S402- How many parcel did the household operate during the last 12 months?</p> <p>V1 self &gt;= 0</p> <p>M1 the number of the parcel should be greater than or equal to 0</p>	<p>NUMERIC: INTEGER <span style="float: right;">S402</span></p> <p>-----</p>
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## SECTION 4- LAND OPERATED BY THE HOUSEHOLD DURING THE LAST 12 MONTHS

### Roster: PARCEL\_DETAILS

generated by numeric question [S402](#)

S4\_Parcel\_details

<p>S403- Location of the Parcel</p>	<p>SINGLE-SELECT <span style="float: right;">S403</span></p> <p>01 <input type="radio"/> Within village (same Island)</p> <p>02 <input type="radio"/> Outside village (same Island)</p> <p>03 <input type="radio"/> Outer Island</p>
<p>S403 (a)- Location of the Parcel</p> <p>E S403 == 3</p>	<p>SINGLE-SELECT <span style="float: right;">S403a</span></p> <p>02 <input type="radio"/> Aitutaki</p> <p>03 <input type="radio"/> Atiu</p> <p>04 <input type="radio"/> Mangaia</p> <p>05 <input type="radio"/> Mauke</p> <p>06 <input type="radio"/> Mitiaro</p> <p>07 <input type="radio"/> Manihiki</p> <p>08 <input type="radio"/> Palmerston</p> <p>09 <input type="radio"/> Penrhyn</p> <p>10 <input type="radio"/> Pukapuka</p> <p>11 <input type="radio"/> Nassau</p> <p>12 <input type="radio"/> Rakahanga</p>
<p>S404- Total area of the Parcel</p>	<p>SINGLE-SELECT <span style="float: right;">S404</span></p> <p>01 <input type="radio"/> Acres</p> <p>02 <input type="radio"/> square meters</p>
<p>S404a - Total Parcel Area in acres</p> <p>I Whole Acres Enter 0 here if area is less than an acre</p> <p>E S404 == 1</p> <p>V1 self &gt;= 0 &amp;&amp; self &lt;= 20</p> <p>M1 area should be between 0 and 20 acres</p>	<p>NUMERIC: INTEGER <span style="float: right;">S404a</span></p> <p>-----</p>
<p>S404b - Fraction of an Acre (x/y)</p> <p>I Enter "0" if area is whole number (i.e.,no fraction)</p> <p>E S404 == 1</p> <p>V1 \$ChkFraction</p> <p>M1 Not a valid fraction!</p> <p>V2 self == "0" ? IsAnswered(S404a) &amp;&amp; S404a != 0 : true</p> <p>M2 Parcel %rosteritile% can't have no area!</p>	<p>TEXT <span style="float: right;">S404b</span></p> <p>.....</p>
<p>VARIABLE</p> <p>(string.Compare(S404b,"0") != 0) ? S404a + (Double.Parse(S404b.Split('/')[0]) / Double.Parse(S404b.Split('/')[1])) : S404a</p>	<p>DOUBLE <span style="float: right;">S404_dec</span></p>

<p>S405- Total Parcel Area in square meters</p> <p>E S404 == 2  V1 self &gt;= 0 &amp;&amp; self &lt;= 50000  M1 area should be between 0 and 50000 square meters</p>	<p>NUMERIC: INTEGER <span style="float: right;">S405</span></p> <p>-----</p>
<p>S406- How many other households operate this parcel apart from your household?</p> <p>V1 self &gt;= 0 &amp; self &lt;= 5  M1 number of households entered is out of the range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S406</span></p> <p>-----</p>
<p>S407- Land Tenture</p>	<p>SINGLE-SELECT <span style="float: right;">S407</span></p> <p>01 <input type="radio"/> Borrowed Land  02 <input type="radio"/> Leased Land  03 <input type="radio"/> Occupation Right Land  04 <input type="radio"/> Customary Land</p>
<p>S407(a)- What is period of land use</p> <p>I enter in years. if less than 1 year enter 0  V1 self &gt;= 0 &amp; self &lt;= 60  M1 the years of use for the land entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S407a</span></p> <p>-----</p>
<p>S408- Any soil conservation methods used?</p>	<p>SINGLE-SELECT <span style="float: right;">S408</span></p> <p>01 <input type="radio"/> Yes  02 <input type="radio"/> No</p>
<p>S409- What is the main soil conservation methods have you used on the parcel?</p> <p>E S408 == 1</p>	<p>SINGLE-SELECT <span style="float: right;">S409</span></p> <p>01 <input type="radio"/> Crop Rotation  02 <input type="radio"/> Mulching  03 <input type="radio"/> Cover Cropping  04 <input type="radio"/> Inter-cropping  05 <input type="radio"/> Contour farming on sloping land</p>
<p>S410- Has there any soil testing done on the parcel</p>	<p>SINGLE-SELECT <span style="float: right;">S410</span></p> <p>01 <input type="radio"/> Yes  02 <input type="radio"/> No</p>
<p>S410(a) - How is the land operated by the household used?</p> <p>V1 (self.ContainsAny(1,2,3,4,5,6,7,8) &amp;&amp; \$CropHH)    (!self.ContainsAny(1,2,3,4) &amp;&amp; S201!=1 &amp;&amp; S206c != 1)  M1 Household indicated at section 2 that they did not grow crops or floriculture. Please ammend section 2 if they have crop land.</p>	<p>MULTI-SELECT <span style="float: right;">Landcate</span></p> <p>01 <input type="checkbox"/> Land under tree crops  02 <input type="checkbox"/> Land under root crops  03 <input type="checkbox"/> Land under Temporary crops(other than root crops)  04 <input type="checkbox"/> Land under mixed crops (permanent &amp; temporary crops)  05 <input type="checkbox"/> Land under fallow  06 <input type="checkbox"/> Land under virgin bush  07 <input type="checkbox"/> Land under livestock and/or poultry  08 <input type="checkbox"/> Land under non-agricultural uses</p>
<p>S410(a) - Land area under Tree Crops (in acres)</p> <p>I Whole Acres Enter 0 here if area is less than an acre  E S404 == 1 &amp; Landcate.Contains(1)  V1 self &gt;= 0  M1 Area should be greater than or equal to 0</p>	<p>NUMERIC: INTEGER <span style="float: right;">S410a</span></p> <p>-----</p>

<p><b>S410a_tree - Fraction of an Acre (x/y)</b></p> <p>I Enter "0" if area is whole number (i.e.,no fraction)  E S404 == 1 &amp; Landcate.Contains(1)  V1 \$ChkFraction  M1 Not a valid fraction!</p>	<p>TEXT <span style="float: right;">S410a_tree</span></p> <p>.....</p>
<p>VARIABLE</p> <p>(string.Compare(S410a_tree,"0") != 0) ? S410a + (Double.Parse(S410a_tree.Split('/')[0]) / Double.Parse(S410a_tree.Split('/')[1])) : S410a</p>	<p>DOUBLE <span style="float: right;">S410a_dec</span></p>
<p><b>S410 (b) - Land area under Tree Crops (in square meters)</b></p> <p>E S404 == 2 &amp; Landcate.Contains(1)  V1 self &gt;= 0  M1 area should be greater than 0 square meters</p>	<p>NUMERIC: INTEGER <span style="float: right;">S410b</span></p> <p>-----</p>
<p><b>S411 (a) - Land area under Root Crops (in acres)</b></p> <p>I Whole Acres Enter 0 here if area is less than an acre  E S404 == 1 &amp; Landcate.Contains(2)  V1 self &gt;= 0  M1 Area should be greater than or equal to 0</p>	<p>NUMERIC: INTEGER <span style="float: right;">S411a</span></p> <p>-----</p>
<p><b>S411a_root - Fraction of an Acre (x/y)</b></p> <p>I Enter "0" if area is whole number (i.e.,no fraction)  E S404 == 1 &amp; Landcate.Contains(2)  V1 \$ChkFraction  M1 Not a valid fraction!</p>	<p>TEXT <span style="float: right;">S411a_root</span></p> <p>.....</p>
<p>VARIABLE</p> <p>(string.Compare(S411a_root,"0") != 0) ? S411a + (Double.Parse(S411a_root.Split('/')[0]) / Double.Parse(S411a_root.Split('/')[1])) : S411a</p>	<p>DOUBLE <span style="float: right;">S411a_dec</span></p>
<p><b>S411 (b)- Land area under Root Crops (in square meters)</b></p> <p>E S404 == 2 &amp; Landcate.Contains(2)  V1 self &gt;= 0  M1 Area should be greater than or equal to 0</p>	<p>NUMERIC: INTEGER <span style="float: right;">S411b</span></p> <p>-----</p>
<p><b>S412 (a) - Land area under Temporary crops (other than root crops) in acres</b></p> <p>I Whole Acres Enter 0 here if area is less than an acre  E S404 == 1 &amp; Landcate.Contains(3)  V1 self &gt;= 0  M1 Area should be greater than or equal to 0</p>	<p>NUMERIC: INTEGER <span style="float: right;">S412a</span></p> <p>-----</p>
<p><b>S412a_tem - Fraction of an Acre (x/y)</b></p> <p>I Enter "0" if area is whole number (i.e.,no fraction)  E S404 == 1 &amp; Landcate.Contains(3)  V1 \$ChkFraction  M1 Not a valid fraction!</p>	<p>TEXT <span style="float: right;">S412a_temp</span></p> <p>.....</p>
<p>VARIABLE</p> <p>(string.Compare(S412a_tem,"0") != 0) ? S412a + (Double.Parse(S412a_tem.Split('/')[0]) / Double.Parse(S412a_tem.Split('/')[1])) : S412a</p>	<p>DOUBLE <span style="float: right;">S412a_dec</span></p>



<p>S412 (b) - Land area under Temporary crops (other than root crops) in square meters</p> <p>E S404 == 2 &amp; Landcate.Contains(3)  V1 self &gt;= 0  M1 Area should be greater than or equal to 0</p>	<p>NUMERIC: INTEGER <span style="float: right;">S412b</span></p> <p>-----</p>
<p>S413 (a)- Land area under mixed crops( Permanent &amp; Temporary crops) in acres</p> <p>I Whole Acres Enter 0 here if area is less than an acre  E S404 == 1 &amp; Landcate.Contains(4)  V1 self &gt;= 0  M1 Area should be greater than or equal to 0</p>	<p>NUMERIC: INTEGER <span style="float: right;">S413a</span></p> <p>-----</p>
<p>S413a_perm - Fraction of an Acre (x/y)</p> <p>I Enter "0" if area is whole number (i.e.,no fraction)  E S404 == 1 &amp; Landcate.Contains(4)  V1 \$ChkFraction  M1 Not a valid fraction!</p>	<p>TEXT <span style="float: right;">S413a_perm</span></p> <p>-----</p>
<p>VARIABLE  (string.Compare(S413a_perm,"0") != 0) ? S413a + (Double.Parse(S413a_perm.Split('/')[0]) / Double.Parse(S413a_perm.Split('/')[1])) : S413a</p>	<p>DOUBLE <span style="float: right;">S413a_dec</span></p>
<p>S413 (b)- Land area under mixed crops( Permanent &amp; Temporary crops) in square meters</p> <p>E S404 == 2 &amp; Landcate.Contains(4)  V1 self &gt;= 0  M1 Area should be greater than or equal to 0</p>	<p>NUMERIC: INTEGER <span style="float: right;">S413b</span></p> <p>-----</p>
<p>S414 (a) - Land area Under Fallow in acres</p> <p>I Whole Acres Enter 0 here if area is less than an acre  E S404 == 1 &amp; Landcate.Contains(5)  V1 self &gt;= 0  M1 Area should be greater than or equal to 0</p>	<p>NUMERIC: INTEGER <span style="float: right;">S414a</span></p> <p>-----</p>
<p>S414a_fal - Fraction of an Acre (x/y)</p> <p>I Enter "0" if area is whole number (i.e.,no fraction)  E S404 == 1 &amp; Landcate.Contains(5)  V1 \$ChkFraction  M1 Not a valid fraction!</p>	<p>TEXT <span style="float: right;">S414a_fal</span></p> <p>-----</p>
<p>VARIABLE  (string.Compare(S414a_fal,"0") != 0) ? S414a + (Double.Parse(S414a_fal.Split('/')[0]) / Double.Parse(S414a_fal.Split('/')[1])) : S414a</p>	<p>DOUBLE <span style="float: right;">S414a_dec</span></p>
<p>S414 (b) - Land area Under Fallow in square meters</p> <p>E S404 == 2 &amp; Landcate.Contains(5)  V1 self &gt;= 0  M1 Area should be greater than or equal to 0</p>	<p>NUMERIC: INTEGER <span style="float: right;">S414b</span></p> <p>-----</p>
<p>S415 (a)- Land area Under Virgin Bush in acres</p> <p>I Whole Acres Enter 0 here if area is less than an acre  E S404 == 1 &amp; Landcate.Contains(6)  V1 self &gt;= 0  M1 Area should be greater than or equal to 0</p>	<p>NUMERIC: INTEGER <span style="float: right;">S415a</span></p> <p>-----</p>

<p>S415a_virgin - Fraction of an Acre (x/y)</p> <p>I Enter "0" if area is whole number (i.e.,no fraction)  E S404 == 1 &amp; Landcate.Contains(6)  V1 \$ChkFraction  M1 Not a valid fraction!</p>	<p>TEXT</p> <p>S415a_vir</p> <p>.....</p>
<p>VARIABLE</p> <p>(string.Compare(S415a_vir,"0") != 0) ? S415a + (Double.Parse(S415a_vir.Split('/')[0]) / Double.Parse(S415a_vir.Split('/')[1])) : S415a</p>	<p>DOUBLE</p> <p>S415a_dec</p>
<p>S415 (b)- Land area Under Virgin Bush in square meters</p> <p>E S404 == 2 &amp; Landcate.Contains(6)  V1 self &gt;= 0  M1 Area should be greater than or equal to 0</p>	<p>NUMERIC: INTEGER</p> <p>S415b</p> <p>-----</p>
<p>S416 (a) - Land area under Livestock and/or Poultry in acres</p> <p>I Whole Acres Enter 0 here if area is less than an acre  E S404 == 1 &amp; Landcate.Contains(7)  V1 self &gt;= 0  M1 Area should be greater than or equal to 0</p>	<p>NUMERIC: INTEGER</p> <p>S416a</p> <p>-----</p>
<p>S416a_poul - Fraction of an Acre (x/y)</p> <p>I Enter "0" if area is whole number (i.e.,no fraction)  E S404 == 1 &amp; Landcate.Contains(7)  V1 \$ChkFraction  M1 Not a valid fraction!</p>	<p>TEXT</p> <p>S416a_poul</p> <p>.....</p>
<p>VARIABLE</p> <p>(string.Compare(S416a_poul,"0") != 0) ? S416a + (Double.Parse(S416a_poul.Split('/')[0]) / Double.Parse(S416a_poul.Split('/')[1])) : S416a</p>	<p>DOUBLE</p> <p>S416a_dec</p>
<p>S416 (b) - Land area under Livestock and/or Poultry in square meters</p> <p>E S404 == 2 &amp; Landcate.Contains(7)  V1 self &gt;= 0  M1 Area should be greater than or equal to 0</p>	<p>NUMERIC: INTEGER</p> <p>S416b</p> <p>-----</p>
<p>S417 (a)- Land area under other non-agricultural uses in acres</p> <p>I Whole Acres Enter 0 here if area is less than an acre  E S404 == 1 &amp; Landcate.Contains(8)  V1 self &gt;= 0  M1 Area should be greater than or equal to 0</p>	<p>NUMERIC: INTEGER</p> <p>S417a</p> <p>-----</p>
<p>S417a_agri - Fraction of an Acre (x/y)</p> <p>I Enter "0" if area is whole number (i.e.,no fraction)  E S404 == 1 &amp; Landcate.Contains(8)  V1 \$ChkFraction  M1 Not a valid fraction!</p>	<p>TEXT</p> <p>S417a_agri</p> <p>.....</p>
<p>VARIABLE</p> <p>(string.Compare(S417a_agri,"0") != 0) ? S417a + (Double.Parse(S417a_agri.Split('/')[0]) / Double.Parse(S417a_agri.Split('/')[1])) : S417a</p>	<p>DOUBLE</p> <p>S417a_dec</p>

S417 (b)- Land area under other non-agricultural uses in square meters

NUMERIC: INTEGER

S417b

-----

- E S404 == 2 & Landcate.Contains(8)
- V1 self >= 0
- M1 Area should be greater than or equal to 0
- V2 self == S405 || (S410b + S411b + S412b + S413b + S414b + S415b + S416b + self) == S405
- M2 the total land area should add up to total land area of the parcel

VARIABLE

(S410b>0?S410b:0) + (S411b>0?S411b:0) + (S412b>0?S412b:0) + (S413b>0?S413b:0) + (S414b>0?S414b:0) + (S415b>0?S415b:0) + (S416b>0?S416b:0) + (S417b>0?S417b:0)

LONG

LandUseSqMtrs

VARIABLE

(S410a\_dec>0?S410a\_dec:0) + (S411a\_dec>0?S411a\_dec:0) + (S412a\_dec>0?S412a\_dec:0) + (S413a\_dec>0?S413a\_dec:0) + (S414a\_dec>0?S414a\_dec:0) + (S415a\_dec>0?S415a\_dec:0) + (S416a\_dec>0?S416a\_dec:0) +

DOUBLE

LandUseAcres

[And 27 other symbols \[2\]](#)

STATIC TEXT

- E S404 == 2
- V1 S405 == LandUseSqMtrs
- M1 check the values entered for land area
- Total Land Size: %S405% SqMtrs*
- Sum of Land Uses: %LandUseSqMtrs% SqMtrs*

STATIC TEXT

- E S404 == 1
- V1 S404\_dec == LandUseAcres
- M1 check the values entered for land area
- Total Land Size: %S404\_dec% Acres*
- Sum of Land Uses: %LandUseAcres% Acres*

# SECTION 5: CROPS PLANTED AND/OR HARVESTED DURING THE LAST 12 MONTHS

Section\_5

E IsSectionAnswered(Cov) && AgFish.Contains(1) && \$CropHH

## SECTION 5: CROPS PLANTED AND/OR HARVESTED DURING THE LAST 12 MONTHS

### Roster: CROP PLANTED AND/OR HARVESTED DURING THE LAST 12 MONTHS

generated by numeric question [S402](#)

Crop

<p>S511- Did the household planted and/or harvested on this parcel during the last 12 months?</p>	<p>SINGLE-SELECT <span style="float: right;">Crop1</span></p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>S512- Name of the crop planted and or harvested during the last 12 months</p> <p>E Crop1 == 1</p>	<p>MULTI-SELECT <span style="float: right;">S512</span></p> <p>001 <input type="checkbox"/> Abiu (Eggfruit )</p> <p>002 <input type="checkbox"/> Apple Star</p> <p>003 <input type="checkbox"/> Avocado</p> <p>004 <input type="checkbox"/> Banana, cavendish</p> <p>005 <input type="checkbox"/> Banana, cooking (Plantain )</p> <p>006 <input type="checkbox"/> Banana, ducasse</p> <p>007 <input type="checkbox"/> Banana, fei (Utu )</p> <p>008 <input type="checkbox"/> Banana, ladyfinger</p> <p>009 <input type="checkbox"/> Barbados cherry (Acerola, West Indian Cherry )</p> <p>010 <input type="checkbox"/> Basil</p> <p>011 <input type="checkbox"/> Bean, climbing (Pole beans )</p> <p>012 <input type="checkbox"/> Bean, snake</p> <p>013 <input type="checkbox"/> Bean, winged (Four-cornered bean )</p> <p>014 <input type="checkbox"/> Bean, yardlong (Cowpea)</p> <p>015 <input type="checkbox"/> Bele (Rukau viti )</p> <p>016 <input type="checkbox"/> Bitter Melon (Balsam bear )</p> <p><a href="#">And 109 other symbols [3]</a></p>
<p>S512_OTHER - Specify</p> <p>E S512.Contains(999)</p>	<p>LIST <span style="float: right;">S512_OTHER</span></p> <p>.....</p>

## SECTION 5: CROPS PLANTED AND/OR HARVESTED DURING THE LAST 12 MONTHS / CROP PLANTED AND/OR HARVESTED DURING THE LAST 12 MONTHS

### Roster: CROP PLANTED AND/OR HARVESTED DURING THE LAST 12 MONTHS

generated by multi-select question [S512](#)

Crop\_details

<p>S514- Method of planting used</p>	<p>SINGLE-SELECT <span style="float: right;">S514</span></p> <p>01 <input type="radio"/> Single Row</p> <p>02 <input type="radio"/> Double Row</p> <p>03 <input type="radio"/> Mixed Crop</p> <p>04 <input type="radio"/> Scattered</p>
<p>S514- Crop estimation method</p>	<p>SINGLE-SELECT <span style="float: right;">estimation_method</span></p> <p>01 <input type="radio"/> Area under crop</p> <p>02 <input type="radio"/> number of trees</p>

<p>S515- what the total crop area?</p> <p>E estimation_method == 1</p>	<p>SINGLE-SELECT <span style="float: right;">S515</span></p> <p>01 <input type="radio"/> Acres</p> <p>02 <input type="radio"/> Square Meters</p>
<p>S515 (a) - what is total area under the crop (in acres)?</p> <p>I Whole Acres Enter 0 here if area is less than an acre</p> <p>E S515 == 1 &amp;&amp; estimation_method == 1</p> <p>V1 self &gt;= 0 &amp; self &lt;= 20</p> <p>M1 area enter is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S515a</span></p> <p>-----</p>
<p>S515a_under - Fraction of an Acre (x/y)</p> <p>I Enter "0" if area is whole number (i.e.,no fraction)</p> <p>E S515 == 1 &amp;&amp; estimation_method == 1</p> <p>V1 \$ChkFraction</p> <p>M1 Not a valid fraction!</p> <p>V2 self == "0" ? IsAnswered(S515a) &amp;&amp; S515a != 0 : true</p> <p>M2 Parcel %rosteritle% can't have no area!</p>	<p>TEXT <span style="float: right;">S515a_under</span></p> <p>-----</p>
<p>VARIABLE</p> <p>(string.Compare(S515a_under,"0") != 0) ? S515a + (Double.Parse(S515a_under.Split('/')[0]) / Double.Parse(S515a_under.Split('/')[1])) : S515a</p>	<p>DOUBLE <span style="float: right;">S515a_dec</span></p>
<p>STATIC TEXT</p> <p>E S515 == 1</p> <p><i>FOR TESTING: Acres as decimal - %S515a_dec%</i></p>	
<p>S515 (b)- what is total area under the crop (in square meters)?</p> <p>E S515 == 2 &amp;&amp; estimation_method == 1</p> <p>V1 self &gt; 0 &amp; self &lt;= 50000</p> <p>M1 area enter is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S515b</span></p> <p>-----</p>
<p>S516- what was the number of trees or plants grown or harvested?</p> <p>E estimation_method == 2</p> <p>V1 self &gt; 0</p> <p>M1 the number of trees/plants grown or harvested should be greater than 0</p>	<p>NUMERIC: INTEGER <span style="float: right;">S516</span></p> <p>-----</p>
<p>S517- what is average age of the trees planted?</p> <p>I the age should be enter in the number of years. if less than 1 year enter 0</p> <p>V1 self &gt;= 0</p> <p>M1 age of plants entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S517</span></p> <p>-----</p>
<p>S518- type of seed/plant material used</p>	<p>SINGLE-SELECT <span style="float: right;">S518</span></p> <p>01 <input type="radio"/> traditional</p> <p>02 <input type="radio"/> improved</p>
<p>S5110- What is the main method of irrigation used</p>	<p>SINGLE-SELECT <span style="float: right;">S5110</span></p> <p>01 <input type="radio"/> Drip tape irrigation</p> <p>02 <input type="radio"/> Sprinkler irrigation</p> <p>03 <input type="radio"/> Irrigation Water Pump</p> <p>04 <input type="radio"/> Water Tank</p> <p>05 <input type="radio"/> Rain fed</p> <p>06 <input type="radio"/> Others</p>

<p>S5110- Please specify other irrigation methods used</p> <p>E S5110 == 6</p>	<p>TEXT <span style="float: right;">S5110a</span></p> <p>.....</p>
<p>S5113- What is the total production in kilograms?</p> <p>V1 self &gt;=0 &amp;&amp; self &lt;= 20000</p> <p>M1 the total production entered in out of the range</p>	<p>NUMERIC: DECIMAL <span style="float: right;">S5113</span></p> <p>-----</p>
<p>S5115- What is the total proportion consumed by the household</p> <p>I please enter the percentage, like 90 for 90%</p> <p>E S5113 &gt; 0</p> <p>V1 self &gt;=0 &amp;&amp; self &lt;= 100</p> <p>M1 the total production should between 0 to 100%</p>	<p>NUMERIC: INTEGER <span style="float: right;">S5115</span></p> <p>-----</p>
<p>S5116- What is the total proportion sold by the household?</p> <p>I please enter the percentage, like 90 for 90%</p> <p>E S204 &gt;1 &amp; S5113 &gt; 0</p> <p>V1 self &gt;=0 &amp;&amp; self &lt;= 100</p> <p>M1 the total production should between 0 to 100%</p> <p>V2 self &lt;=98</p> <p>M2 the total production sold less than 98</p>	<p>NUMERIC: INTEGER <span style="float: right;">S5116</span></p> <p>-----</p>
<p>S5117- What is the total proportion gifted by the household</p> <p>I please enter the percentage, like 90 for 90%</p> <p>E S5113 &gt; 0</p> <p>V1 self &gt;=0 &amp;&amp; self &lt;= 100</p> <p>M1 the total production should between 0 to 100%</p> <p>V2 (self + S5116 +S5115) == 100    (self+ S5115) == 100</p> <p>M2 total proportion consumed, gifted and sold should add up to 100%</p>	<p>NUMERIC: INTEGER <span style="float: right;">S5117</span></p> <p>-----</p>
<p>S521- Did you or your household use/apply any inorganic fertilizer during last 12 months?</p>	<p>SINGLE-SELECT <span style="float: right;">S521</span></p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>S522- Which of the following inorganic fertilizers do you or your household use in the last 12 months?</p> <p>E S521 == 1</p>	<p>MULTI-SELECT <span style="float: right;">S522</span></p> <p>01 <input type="checkbox"/> Ammonium Sulphate</p> <p>02 <input type="checkbox"/> Ammonium Nitrate</p> <p>03 <input type="checkbox"/> Urea</p> <p>04 <input type="checkbox"/> Calcium Ammonium Nitrate</p> <p>05 <input type="checkbox"/> Superphosphate</p> <p>06 <input type="checkbox"/> Sulphate of Potash</p> <p>07 <input type="checkbox"/> Nitrophoska Extra</p> <p>08 <input type="checkbox"/> Nitrophoska Perfekt</p> <p>09 <input type="checkbox"/> Yara Mila Complex</p> <p>10 <input type="checkbox"/> Nitrosol original</p> <p>11 <input type="checkbox"/> Plasma</p> <p>12 <input type="checkbox"/> N-P-K (11-2-15)</p> <p>13 <input type="checkbox"/> N-P-K (12-4-30)</p> <p>14 <input type="checkbox"/> Plantafol 20-20—20</p> <p>15 <input type="checkbox"/> Plantafol 5-15-45</p> <p>16 <input type="checkbox"/> Others, specify</p>

<p>S521 (a)- Quantity used Ammonium Sulphate(kg)</p> <p>E S522.Contains(1)  V1 self&gt;=1 &amp; self &lt;= 6000  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S521a</span></p> <p>-----</p>
<p>S522 (a)- Quantity used- Ammonium Nitrate (kg)</p> <p>E S522.Contains(2)  V1 self&gt;=1 &amp; self &lt;= 6000  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S522a</span></p> <p>-----</p>
<p>S523 (a)- Quantity used for Urea(kg)</p> <p>E S522.Contains(3)  V1 self&gt;=1 &amp; self &lt;= 6000  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S523a</span></p> <p>-----</p>
<p>S524 (a)- Quantity used Calcium Ammonium Nitrate(kg)</p> <p>E S522.Contains(4)  V1 self&gt;=1 &amp; self &lt;= 6000  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S524a</span></p> <p>-----</p>
<p>S525 (a)- Quantity used Superphosphate (kg)</p> <p>E S522.Contains(5)  V1 self&gt;=1 &amp; self &lt;= 6000  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S525a</span></p> <p>-----</p>
<p>S526 (a)- Quantity used for Sulphate of Potash(kg)</p> <p>E S522.Contains(6)  V1 self&gt;=1 &amp; self &lt;= 6000  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S526a</span></p> <p>-----</p>
<p>S527 (a)- Quantity used for Nitrophoska Extra (kg)</p> <p>E S522.Contains(7)  V1 self&gt;=1 &amp; self &lt;= 6000  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S527a</span></p> <p>-----</p>
<p>S528 (a)- Quantity used for Nitrophoska Perfekt (kg)</p> <p>E S522.Contains(8)  V1 self&gt;=1 &amp; self &lt;= 6000  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S528a</span></p> <p>-----</p>
<p>S529 (a)- Quantity used for Yara Mila Complex(kg)</p> <p>E S522.Contains(9)  V1 self&gt;=1 &amp; self &lt;= 6000  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S529a</span></p> <p>-----</p>
<p>S5210 (a)- Quantity used for Nitrosol original (litres)</p> <p>E S522.Contains(10)  V1 self&gt;=1 &amp; self &lt;= 6000  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S5210a</span></p> <p>-----</p>

<p>S5211 (a)- Quantity used for Plasma(litres)</p> <p>E S522.Contains(11)  V1 self&gt;=1 &amp; self &lt;= 6000  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER</p> <p style="text-align: right;">S5211a</p> <p>-----</p>
<p>S5212 (a)- Quantity used for N-P-K (11-2-15) in kilograms</p> <p>E S522.Contains(12)  V1 self&gt;=1 &amp; self &lt;= 6000  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER</p> <p style="text-align: right;">S5212a</p> <p>-----</p>
<p>S5213 (a)- Quantity used for N-P-K (12-4-30) in kilograms</p> <p>E S522.Contains(13)  V1 self&gt;=1 &amp; self &lt;= 6000  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER</p> <p style="text-align: right;">S5213a</p> <p>-----</p>
<p>S5214 (a)- Quantity used for Plantafol 20-20—20 in kilograms</p> <p>E S522.Contains(14)  V1 self&gt;=1 &amp; self &lt;= 6000  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER</p> <p style="text-align: right;">S5214a</p> <p>-----</p>
<p>S5215(a)- Quantity used Plantafol 5-15-45 in kilograms</p> <p>E S522.Contains(15)  V1 self&gt;=1 &amp; self &lt;= 6000  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER</p> <p style="text-align: right;">S5215a</p> <p>-----</p>
<p>S216 (a)- Please specify any other inorganic fertilizer used</p> <p>E S522.Contains(16)</p>	<p>LIST</p> <p style="text-align: right;">S5216a</p> <p>.....</p>

SECTION 5: CROPS PLANTED AND/OR HARVESTED DURING THE LAST 12 MONTHS

Roster: OTHER INORGANIC FERTILIZERS

generated by list question [S5216a](#)

Inorganic

<p>S5216(b)-Please specify the total quantity of %rostertitle% fertilizer used?</p> <p>E S522.Contains(16)</p>	<p>SINGLE-SELECT</p> <p style="text-align: right;">S5216qty</p> <p>01 <input type="radio"/> Kilograms  02 <input type="radio"/> Litres</p>
<p>S5216(b)- Please specify the total quantity of %rostertitle% fertilizer used in kilograms?</p> <p>E S5216qty==1  V1 self&gt;=0 &amp; self &lt;= 6000  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER</p> <p style="text-align: right;">S5216c_kg</p> <p>-----</p>
<p>S5216(b)- Please specify the total quantity of %rostertitle% fertilizer used in litres?</p> <p>E S5216qty==2  V1 self&gt;=0 &amp; self &lt;= 6000  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER</p> <p style="text-align: right;">S5216c_litres</p> <p>-----</p>
<p>VARIABLE  Inorganic.Sum(x=&gt;x.S5216c_kg)</p>	<p>DOUBLE</p> <p style="text-align: right;">S5216c_kg_Tota1</p>



VARIABLE Inorganic.Sum(x=>x.S5216c_litres)	DOUBLE S5216c_litres_Total
S5217- Did you or your household use/apply organic on the crops grown during last 12 months?	SINGLE-SELECT 01 <input type="radio"/> Yes 02 <input type="radio"/> No S5217
S5218- Which of the following organic fertilizers do you or your household use in the last 12 months? E S5217 ==1	MULTI-SELECT 01 <input type="checkbox"/> Nitrosol organic 02 <input type="checkbox"/> Alaska Fish Fertilizer 511 03 <input type="checkbox"/> Good Enough 04 <input type="checkbox"/> Others (specify) S5218
S5217(a)- Quantity of Nitrosol Inorganic used in litres E S5218.Contains(1) V1 self>=1 & self <= 6000 M1 Quantity entered is out of range	NUMERIC: INTEGER S5217a -----
S5218(a)- Quantity of Alaska Fish Fertilizer 511 used in (kg) E S5218.Contains(2) V1 self>=1 & self <= 6000 M1 Quantity entered is out of range	NUMERIC: INTEGER S5218a -----
S5219(a)- Quantity of Good Enough fertilizer used in (kg) E S5218.Contains(3) V1 self>=1 & self <= 6000 M1 Quantity entered is out of range	NUMERIC: INTEGER S5219a -----
S5220(a)- Please list any other organic fertilizer used E S5218.Contains(4)	LIST S5220a -----

SECTION 5: CROPS PLANTED AND/OR HARVESTED DURING THE LAST 12 MONTHS

Roster: OTHER ORGANIC FERTILIZERS

generated by list question [S5220a](#)

Organic

S5220(b)- Please specify the total quantity of %rostertitle% fertilizer used E S5218.Contains(4)	SINGLE-SELECT 01 <input type="radio"/> Kilograms 02 <input type="radio"/> Litres S5220c_qty
S5220(b)- Please specify the total quantity of %rostertitle% fertilizer used in kilograms? E S5220c_qty==1 V1 self>=0 & self <= 6000 M1 Quantity entered is out of range	NUMERIC: INTEGER S5220c_kg -----
S5220(b)- Please specify the total quantity of %rostertitle% fertilizer used in litres? E S5220c_qty==2 V1 self>=0 & self <= 6000 M1 Quantity entered is out of range	NUMERIC: INTEGER S5220c_litres -----
VARIABLE Organic.Sum(x=>x.S5220c_kg)	DOUBLE S5220c_kg_Total

VARIABLE Organic.Sum(x=>x.S5220c_litres)	DOUBLE S5220c_litres_Total
S5221- Did you or your household use/apply any compost & animal manure on the crops grown during last 12 months?	SINGLE-SELECT S5221 01 <input type="radio"/> Yes 02 <input type="radio"/> No
S5221(a)- Quantity used compost & animal manure used (kg)  E S5221 ==1 V1 self >= 1 & self <= 6000 M1 Quantity entered is out of range	NUMERIC: INTEGER S5221a  -----
S5301- Which of the following chemicals did you or the household apply on the crops grown during last 12 months?  V1 self.ContainsOnly(99)    (self.ContainsAny(1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16) && !self.Contains(99)) M1 Cannot select "None of the above" with other options	MULTI-SELECT S5301 01 <input type="checkbox"/> Glyphosate (Round-up, Sting, G360, Proclaim) 02 <input type="checkbox"/> Paraquat (Gramoxone, Agriquat) 03 <input type="checkbox"/> Fluazifob-p-butyl (Fusilade) 04 <input type="checkbox"/> Imidacloprid (Cyrus, Velcloprid, Confidor) 05 <input type="checkbox"/> Abamectin (Avid, Abamectin, Vertex) 06 <input type="checkbox"/> Permethrin + pirimiphos-methyl (Attack, Ambush) 07 <input type="checkbox"/> Mineral oil (DC Tron, Conqueror oil, Sunspray oil) 08 <input type="checkbox"/> Neem Kernel Oil (Naturally neem, NeemaQ) 09 <input type="checkbox"/> Bacillus thuringiensis var. kurstaki (Dipel, Delfin) 10 <input type="checkbox"/> Metaldehyde (Blitzem, Metarex) (Snail bait) 11 <input type="checkbox"/> Brodifacoum (Talon rat bait) 12 <input type="checkbox"/> Copper Hydroxide (Copperstar, Kocide, Kocide Opti, BlueShield) 13 <input type="checkbox"/> Mancozeb (Mancozeb, Manzate, Dithane M-45, Penncozeb) 14 <input type="checkbox"/> Chlorothalonil + Thiophanate methyl (Taratek) 15 <input type="checkbox"/> Chlorothalonil (Bravo, Chrolotek) 16 <input type="checkbox"/> Any other not specified above  <a href="#">And 1 other symbols [2]</a>
S5301(a)- Quantity of Glyphosate used (Litres)  E S5301.Contains(1) V1 self>=0 & self <= 100 M1 Quantity entered is out of range	NUMERIC: DECIMAL S5301a  -----
S5302(a)- Quantity of Paraquat used (Litres)  E S5301.Contains(2) V1 self>=0 & self <= 100 M1 Quantity entered is out of range	NUMERIC: DECIMAL S5302a  -----

<p>S5303(a)- Quantity used of fusilade used (Litres)</p> <p>E S5301.Contains(3)  V1 self&gt;=0 &amp; self &lt;= 100  M1 Quantity entered in out of range</p>	<p>NUMERIC: DECIMAL <span style="float: right;">S5303a</span></p> <p>-----</p>
<p>S5304(a)- Quantity of Imidacloprid (Cyrus, Velcloprid, Confidor) used in Litres</p> <p>E S5301.Contains(4)  V1 self&gt;=0 &amp; self &lt;= 100  M1 Quantity entered is out of range</p>	<p>NUMERIC: DECIMAL <span style="float: right;">S5304a</span></p> <p>-----</p>
<p>S5305(a)- Quantity of Abamectin (Avid, Abamectin, Vertex) used in Litres</p> <p>E S5301.Contains(5)  V1 self&gt;=0 &amp; self &lt;= 100  M1 Quantity entered is out of range</p>	<p>NUMERIC: DECIMAL <span style="float: right;">S5305a</span></p> <p>-----</p>
<p>S5306(a)- Quantity of Permethrin + pirimiphos-methyl (Attack, Ambush) used in Litres?</p> <p>E S5301.Contains(6)  V1 self&gt;=0 &amp; self &lt;= 100  M1 Quantity entered is out of range</p>	<p>NUMERIC: DECIMAL <span style="float: right;">S5306a</span></p> <p>-----</p>
<p>S5307(a)- Quantity of Mineral oil (DC Tron, Conqueror oil, Sunspray oil) used in Litres?</p> <p>E S5301.Contains(7)  V1 self&gt;=0 &amp; self &lt;= 100  M1 Quantity entered is out of range</p>	<p>NUMERIC: DECIMAL <span style="float: right;">S5307a</span></p> <p>-----</p>
<p>S5308(a)- Quantity of Neem Kernel Oil (Naturally neem, NeemaQ) used in Litres</p> <p>E S5301.Contains(8)  V1 self&gt;=0 &amp; self &lt;= 100  M1 Quantity entered is out of range</p>	<p>NUMERIC: DECIMAL <span style="float: right;">S5308a</span></p> <p>-----</p>
<p>S5309(a)- Quantity of Bacillus thuringiensis var. kurstaki (Dipel, Delfin) used in kilograms?</p> <p>E S5301.Contains(9)  V1 self&gt;=0 &amp; self &lt;= 100  M1 Quantity entered is out of range</p>	<p>NUMERIC: DECIMAL <span style="float: right;">S5309a</span></p> <p>-----</p>
<p>S5310(a)- Quantity of Metaldehyde (Blitzem, Metarex, Snail bait) used in kilograms</p> <p>E S5301.Contains(10)  V1 self&gt;=0 &amp; self &lt;= 100  M1 Quantity entered is out of range</p>	<p>NUMERIC: DECIMAL <span style="float: right;">S5310a</span></p> <p>-----</p>
<p>S5311(a)- Quantity of Brodifacoum (Talon rat bait) used in kilograms</p> <p>E S5301.Contains(11)  V1 self&gt;=0 &amp; self &lt;= 100  M1 Quantity entered is out of range</p>	<p>NUMERIC: DECIMAL <span style="float: right;">S5311a</span></p> <p>-----</p>

<p>S5312(a)- Quantity of Copper Hydroxide (Copperstar, Kocide, Kocide Opti, BlueShield) used in kilograms</p> <p>E S5301.Contains(12) V1 self&gt;=0 &amp; self &lt;= 1000 M1 Quantity entered is out of range</p>	<p>NUMERIC: DECIMAL</p> <p>S5312a</p> <p>-----</p>
<p>S5313(a)- Quantity of Mancozeb (Mancozeb, Manzate, Dithane M-45, Penncozeb) used (kilograms)</p> <p>E S5301.Contains(13) V1 self&gt;=0 &amp; self &lt;= 100 M1 Quantity entered is out of range</p>	<p>NUMERIC: DECIMAL</p> <p>S5313a</p> <p>-----</p>
<p>S5314(a)- Quantity of Chlorothalonil + Thiophanate methyl (Taratek) used in litres</p> <p>E S5301.Contains(14) V1 self&gt;=0 &amp; self &lt;= 100 M1 Quantity entered is out of range</p>	<p>NUMERIC: DECIMAL</p> <p>S5314a</p> <p>-----</p>
<p>S5315(a)- Quantity of Chlorothalonil (Bravo, Chrolotek) used in litres</p> <p>E S5301.Contains(15) V1 self&gt;=0 &amp; self &lt;= 100 M1 Quantity entered is out of range</p>	<p>NUMERIC: DECIMAL</p> <p>S5315a</p> <p>-----</p>
<p>S5316(a) - Please list any other chemicals used?</p> <p>E S5301.Contains(16)</p>	<p>LIST</p> <p>S5316a</p> <p>.....</p>

SECTION 5: CROPS PLANTED AND/OR HARVESTED DURING THE LAST 12 MONTHS

Roster: CHEMICALS

generated by list question [S5316a](#)

Chemicals

<p>S5316(c)- Total quantity of %rostartitle% used</p> <p>E S5301.Contains(16)</p>	<p>SINGLE-SELECT</p> <p>S5316c_qty</p> <p>01 <input type="radio"/> Kilograms 02 <input type="radio"/> Litres</p>
<p>S5316(c)- Total quantity of %rostartitle% used in kilograms?</p> <p>E S5316c_qty==1 V1 self&gt;=0 &amp; self &lt;= 100 M1 Quantity entered is out of range</p>	<p>NUMERIC: DECIMAL</p> <p>S5316c_kg</p> <p>-----</p>
<p>S5316(c)- Total quantity of %rostartitle% used in litres?</p> <p>E S5316c_qty==2 V1 self&gt;=0 &amp; self &lt;= 100 M1 Quantity entered is out of range</p>	<p>NUMERIC: DECIMAL</p> <p>S5316c_ltrs</p> <p>-----</p>
<p>VARIABLE Chemicals.Sum(x=&gt;x.S5316c_kg)</p>	<p>DOUBLE</p> <p>S5316c_kg_Total</p>
<p>VARIABLE Chemicals.Sum(x=&gt;x.S5316c_ltrs)</p>	<p>DOUBLE</p> <p>S5316c_ltrs_Total</p>

<p>S5401-Did you or your household import any of the following plant / material from overseas during the past 12 month?</p> <p>V1 self.ContainsOnly(99)    (self.ContainsAny(1,2,3,4,5) &amp;&amp;!self.Contains(99))</p> <p>M1 Cannot select "none of the above" with other options</p>	<p>MULTI-SELECT <span style="float: right;">S5401</span></p> <p>01 <input type="checkbox"/> Seeds</p> <p>02 <input type="checkbox"/> Tissue Cultured Food crop Plants</p> <p>03 <input type="checkbox"/> Tissue Cultured ornamental / flower Plants</p> <p>04 <input type="checkbox"/> Nursery Food crop Plants</p> <p>05 <input type="checkbox"/> Nursery Ornamental / flower Plants</p> <p>99 <input type="checkbox"/> None of the above</p>
<p>S5401- Which of the following seeds did the household import?</p> <p>E S5401.Contains(1)</p>	<p>MULTI-SELECT <span style="float: right;">seedtype</span></p> <p>01 <input type="checkbox"/> Pawpaw</p> <p>02 <input type="checkbox"/> Watermelon</p> <p>03 <input type="checkbox"/> Tomato</p> <p>04 <input type="checkbox"/> Cabbage</p> <p>05 <input type="checkbox"/> Herbs</p> <p>06 <input type="checkbox"/> Corn</p> <p>07 <input type="checkbox"/> Bean</p> <p>08 <input type="checkbox"/> Chinese Cabbage</p> <p>09 <input type="checkbox"/> Others, please specify</p>
<p>S5401- Total quantity of Chinese Cabbage seeds imported (in grams)?</p> <p>E seedtype.Contains(8)</p> <p>V1 self &gt;= 1 &amp; self &lt;= 10000</p> <p>M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">seed_Chinese</span></p> <p>-----</p>
<p>S5401- Total quantity of Bean seeds imported (in grams)?</p> <p>E seedtype.Contains(7)</p> <p>V1 self &gt;= 1 &amp; self &lt;= 10000</p> <p>M1 Quantity should be greater or equal to 1</p>	<p>NUMERIC: INTEGER <span style="float: right;">seed_bean</span></p> <p>-----</p>
<p>S5401- Total quantity of corn seeds imported (in grams)?</p> <p>E seedtype.Contains(6)</p> <p>V1 self &gt;= 1 &amp; self &lt;= 10000</p> <p>M1 Quantity should be greater or equal to 1</p>	<p>NUMERIC: INTEGER <span style="float: right;">seed_corn</span></p> <p>-----</p>
<p>S5401- Total quantity of Cabbage seeds imported (in grams)?</p> <p>E seedtype.Contains(4)</p> <p>V1 self &gt;= 1 &amp; self &lt;= 10000</p> <p>M1 Quantity should be greater or equal to 1</p>	<p>NUMERIC: INTEGER <span style="float: right;">seed_Cabbage</span></p> <p>-----</p>
<p>S5401- Total quantity of herb seeds imported (in grams)?</p> <p>E seedtype.Contains(5)</p> <p>V1 self &gt;= 1 &amp; self &lt;= 10000</p> <p>M1 Quantity should be greater or equal to 1</p>	<p>NUMERIC: INTEGER <span style="float: right;">seed_herbs</span></p> <p>-----</p>
<p>S5401- Total quantity of Tomato seeds imported (in grams)?</p> <p>E seedtype.Contains(3)</p> <p>V1 self &gt;= 1 &amp; self &lt;= 10000</p> <p>M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">seed_tomato</span></p> <p>-----</p>

<p>S5401- Total quantity of watermelon seeds imported (in grams)?</p> <p>E seedtype.Contains(2)  V1 self &gt;= 1 &amp; self &lt;= 10000  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">seed_watermelon</span></p> <p>-----</p>
<p>S5401- Total quantity of pawpaw seeds imported (in grams)?</p> <p>E seedtype.Contains(1)  V1 self &gt;= 1 &amp; self &lt;= 10000  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">seed_pawpaw</span></p> <p>-----</p>
<p>S5401- Please list the name of other seeds imported</p> <p>E S5401.Contains(1) &amp;&amp; seedtype.Contains(9)</p>	<p>LIST <span style="float: right;">S5401_seedsname</span></p> <p>-----</p>

SECTION 5: CROPS PLANTED AND/OR HARVESTED DURING THE LAST 12 MONTHS

Roster: OTHER SEEDS

generated by list question [S5401\\_seedsname](#)

Seeds

<p>S5401- Total quantity of %rostertitle% imported (in grams)?</p> <p>E seedtype.Contains(9)  V1 self &gt;= 1 &amp; self &lt;= 10000  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S5401_Qty</span></p> <p>-----</p>
<p>VARIABLE  Seeds.Sum(x=&gt;x.S5401_Qty)</p>	<p>DOUBLE <span style="float: right;">S5401_Qty_Total</span></p>
<p>S5401- Which Country did the household import the seeds from?</p> <p>E S5401.Contains(1)</p>	<p>MULTI-SELECT <span style="float: right;">S5401_seedImported</span></p> <p>01 <input type="checkbox"/> Australia  02 <input type="checkbox"/> New Zealand  03 <input type="checkbox"/> Fiji  04 <input type="checkbox"/> Tahiti  05 <input type="checkbox"/> Others, specify</p>
<p>S5401- Please specify Other Countries</p> <p>E S5401_seedImported.Contains(5)</p>	<p>LIST <span style="float: right;">S5401_othercountry</span></p> <p>-----</p>
<p>S5402- Which of the following tissue cultured food crop plants did the household import?</p> <p>E S5401.Contains(2)</p>	<p>MULTI-SELECT <span style="float: right;">tfoodcrop_type</span></p> <p>01 <input type="checkbox"/> Breadfruit  02 <input type="checkbox"/> Sweet Potato/kumara  03 <input type="checkbox"/> Taro  04 <input type="checkbox"/> Others, please specify</p>
<p>S5402- What was the total quantity of tissue cultured breadfruit plants the household imported?</p> <p>E tfoodcrop_type.Contains(1)  V1 self &gt;= 1 &amp; self &lt;= 500  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">T_bread</span></p> <p>-----</p>

<p>S5402- What was the total quantity of tissue cultured Sweet Potato/Kumara plants imported?</p> <p>E tfoodcrop_type.Contains(2)  V1 self &gt;= 1 &amp; self &lt;= 500  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">T_kumara</span></p> <p>-----</p>
<p>S5402- What is the total quantity of tissue cultured taro plants that the household import?</p> <p>E tfoodcrop_type.Contains(3)  V1 self &gt;= 1 &amp; self &lt;= 500  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">T_Taro</span></p> <p>-----</p>
<p>S5402- Please specify any other tissue cultured food crop plants imported by the household?</p> <p>E tfoodcrop_type.Contains(4)</p>	<p>LIST <span style="float: right;">S5402_tfoodname</span></p> <p>.....</p>

SECTION 5: CROPS PLANTED AND/OR HARVESTED DURING THE LAST 12 MONTHS

Roster: OTHER TISSUE CULTURED FOOD

generated by list question [S5402\\_tfoodname](#)

TissueCultureFood

<p>S5402- The total quantity of %rostartitle% imported?</p> <p>E tfoodcrop_type.Contains(4)  V1 self &gt;= 1 &amp; self &lt;= 500  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S5402_TfoodQty</span></p> <p>-----</p>
<p>VARIABLE  TissueCultureFood.Sum(x=&gt;x.S5402_TfoodQty)</p>	<p>DOUBLE <span style="float: right;">S5402_TfoodQty_Total</span></p>
<p>S5402- Which Country did the household Import tissue cultured food crop plants from?</p> <p>E S5401.Contains(2)</p>	<p>MULTI-SELECT <span style="float: right;">S5402_Imported_tfood</span></p> <p>01 <input type="checkbox"/> Australia  02 <input type="checkbox"/> New Zealand  03 <input type="checkbox"/> Fiji  04 <input type="checkbox"/> Others, specify</p>
<p>S5402- Please specify Other Countries</p> <p>E S5402_Imported_tfood.Contains(4)</p>	<p>LIST <span style="float: right;">S5402_othercountry</span></p> <p>.....</p>
<p>S5403- Which of the following tissue cultured ornamental/flower plants did the household import?</p> <p>E S5401.Contains(3)</p>	<p>MULTI-SELECT <span style="float: right;">tflowers_type</span></p> <p>01 <input type="checkbox"/> Orchid  02 <input type="checkbox"/> Anthurium  03 <input type="checkbox"/> Others, please specify</p>
<p>S5403- Total quantity of Orchids imported?</p> <p>E tflowers_type.Contains(1)  V1 self &gt;= 1 &amp; self &lt;= 500  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">T_Orchid</span></p> <p>-----</p>
<p>S5403- Total quantity of Anthurium plants imported?</p> <p>E tflowers_type.Contains(2)  V1 self &gt;= 1 &amp; self &lt;= 500  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">T_Anth</span></p> <p>-----</p>

<p>S5403- Please list any other Tissue Cultured ornamental / flower Plants imported?</p> <p>E tflowers_type.Contains(3)</p>	<p>LIST <span style="float: right;">S5403_tflowername</span></p> <p>-----</p>
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SECTION 5: CROPS PLANTED AND/OR HARVESTED DURING THE LAST 12 MONTHS

Roster: OTHER TISSUE CULTURED FLOWERS

generated by list question [S5403\\_tflowername](#)

TissueCultureFlower

<p>S5403- What was the total quantity of %rostertitle% Plants Imported?</p> <p>E tflowers_type.Contains(3)</p> <p>V1 self &gt;= 1 &amp; self &lt;= 500</p> <p>M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S5403_TflowerQty</span></p> <p>-----</p>
<p>VARIABLE</p> <p>TissueCultureFlower.Sum(x=&gt;x.S5403_TflowerQty)</p>	<p>DOUBLE <span style="float: right;">S5403_TflowerQty_Total</span></p>
<p>S5403- Which Country did the household Import tissue culture ornamental/flower plants from?</p> <p>E S5401.Contains(3)</p>	<p>MULTI-SELECT <span style="float: right;">S5403_Imported</span></p> <p>01 <input type="checkbox"/> Australia</p> <p>02 <input type="checkbox"/> New Zealand</p> <p>03 <input type="checkbox"/> Fiji</p> <p>04 <input type="checkbox"/> Tahiti</p> <p>05 <input type="checkbox"/> Others, specify</p>
<p>S5403- Please specify Other Countries</p> <p>E S5403_Imported.Contains(5)</p>	<p>LIST <span style="float: right;">S5403_tothercountry</span></p> <p>-----</p>
<p>S5404- Which of the following nursery food crop plants did the household import?</p> <p>E S5401.Contains(4)</p>	<p>MULTI-SELECT <span style="float: right;">foodcrop_type</span></p> <p>01 <input type="checkbox"/> Citrus</p> <p>02 <input type="checkbox"/> Rambutan</p> <p>03 <input type="checkbox"/> Logan</p> <p>04 <input type="checkbox"/> Lychee</p> <p>05 <input type="checkbox"/> Others, specify</p>
<p>S5404- What was the total quantity of Citrus plants imported?</p> <p>E foodcrop_type.Contains(1)</p> <p>V1 self &gt;= 1 &amp; self &lt;= 500</p> <p>M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S5404_citrus</span></p> <p>-----</p>
<p>S5404- What was the total quantity of Rambutan plants imported?</p> <p>E foodcrop_type.Contains(2)</p> <p>V1 self &gt;= 1 &amp; self &lt;= 500</p> <p>M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S5404_ram</span></p> <p>-----</p>
<p>S5404- What was the total quantity of Logan plants imported?</p> <p>E foodcrop_type.Contains(3)</p> <p>V1 self &gt;= 1 &amp; self &lt;= 500</p> <p>M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S5404_logan</span></p> <p>-----</p>



<p>S5404- What was the total quantity of Lychee plants imported?</p> <p>E foodcrop_type.Contains(4)  V1 self &gt;= 1 &amp; self &lt;= 500  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S5404_lychee</span></p> <p>-----</p>
<p>S5404- Please list any other food crop plants imported?</p> <p>E foodcrop_type.Contains(5)</p>	<p>LIST <span style="float: right;">S5404_foodother</span></p> <p>.....</p>

SECTION 5: CROPS PLANTED AND/OR HARVESTED DURING THE LAST 12 MONTHS

Roster: OTHWE IMPORTED FOOD CROPS

generated by list question [S5404\\_foodother](#)

FoodImport

<p>S5404- Quantity of %rostertitle% Crop Imported?</p> <p>E foodcrop_type.Contains(5)  V1 self &gt;= 1 &amp; self &lt;= 500  M1 Quantity should be greater or equal to 1</p>	<p>NUMERIC: INTEGER <span style="float: right;">S5404_nfoodQty</span></p> <p>-----</p>
<p>VARIABLE  FoodImport.Sum(x=&gt;x.S5404_nfoodQty)</p>	<p>DOUBLE <span style="float: right;">S5404_nfoodQty_Total</span></p>
<p>S5404- Which Country did you Import from?</p> <p>E S5401.Contains(4)</p>	<p>MULTI-SELECT <span style="float: right;">S5404_Imported</span></p> <p>01 <input type="checkbox"/> Australia  02 <input type="checkbox"/> New Zealand  03 <input type="checkbox"/> Fiji  04 <input type="checkbox"/> Tahiti  05 <input type="checkbox"/> Others, specify</p>
<p>S5404- Please specify Other Countries</p> <p>E S5404_Imported.Contains(5)</p>	<p>LIST <span style="float: right;">S5404_othercountry</span></p> <p>.....</p>
<p>S5405- Which of the following ornamental/flower plants did the household import?</p> <p>E S5401.Contains(5)</p>	<p>MULTI-SELECT <span style="float: right;">flowers_type</span></p> <p>01 <input type="checkbox"/> Orchid  02 <input type="checkbox"/> Anthurium  03 <input type="checkbox"/> Desert Rose  04 <input type="checkbox"/> Cordyline  05 <input type="checkbox"/> Diffenbachia  06 <input type="checkbox"/> Others, specify</p>
<p>S5405- What was the total quantity of orchid plants imported?</p> <p>E flowers_type.Contains(1)  V1 self &gt;= 1 &amp; self &lt;= 500  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S5405_orchids</span></p> <p>-----</p>
<p>S5405- What was the total quantity of Anthurium plants imported?</p> <p>E flowers_type.Contains(2)  V1 self &gt;= 1 &amp; self &lt;= 500  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S5405_anth</span></p> <p>-----</p>

<p>S5405- What was the total quantity of Desert Rose plants imported?</p> <p>E flowers_type.Contains(3)  V1 self &gt;= 1 &amp; self &lt;= 500  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S5405_rose</span></p> <p>-----</p>
<p>S5405- What was the total quantity of Cordyline plants imported?</p> <p>E flowers_type.Contains(4)  V1 self &gt;= 1 &amp; self &lt;= 500  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S5405_cordy</span></p> <p>-----</p>
<p>S5405- What was the total quantity of Dffenbachia plants imported?</p> <p>E flowers_type.Contains(5)  V1 self &gt;= 1 &amp; self &lt;= 500  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S5405_diffen</span></p> <p>-----</p>
<p>S5404- List the other ornamental plants imported?</p> <p>E flowers_type.Contains(6)</p>	<p>LIST <span style="float: right;">S5405_flowername</span></p> <p>.....</p>

SECTION 5: CROPS PLANTED AND/OR HARVESTED DURING THE LAST 12 MONTHS

Roster: OTHER ORNAMENTAL PLANTS

generated by list question [S5405\\_flowername](#)

Ornamenta1

<p>S5405- What was the total quantity of %rostertitle% imported?</p> <p>E flowers_type.Contains(6)  V1 self &gt;= 1 &amp; self &lt;= 500  M1 Quantity entered is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S5405_flowerpthers</span></p> <p>-----</p>
<p>VARIABLE  ornamenta1.Sum(x=&gt;x.S5405_flowerpthers)</p>	<p>DOUBLE <span style="float: right;">S5405_flowerpthers_Tota1</span></p>
<p>S5405- Which Country did you Import from?</p> <p>E S5401.Contains(5)</p>	<p>MULTI-SELECT <span style="float: right;">S5405_fImported</span></p> <p>01 <input type="checkbox"/> Australia  02 <input type="checkbox"/> New Zealand  03 <input type="checkbox"/> Fiji  04 <input type="checkbox"/> Tahiti  05 <input type="checkbox"/> Others, specify</p>
<p>S5405- Please specify Other Countries</p> <p>E S5405_fImported.Contains(5)</p>	<p>LIST <span style="float: right;">S5405_fothercountry</span></p> <p>.....</p>

# SECTION 6: NON-HOUSEHOLD LABOUR INPUT

Section\_6

E IsSectionAnswered(Cov) && AgFish.Contains(1)

<p>S601- Did the household employ any non-household member to work on the holding during the last month?</p>	<p>SINGLE-SELECT <span style="float: right;">S601</span>                  01 <input type="radio"/> Yes                  02 <input type="radio"/> No</p>
<p>S601 (a)- Type Of Labour</p> <p>E S601 == 1</p>	<p>MULTI-SELECT <span style="float: right;">S601a</span>                  01 <input type="checkbox"/> Non-Household Labour (Cook Islander)                  02 <input type="checkbox"/> Foreign Labour</p>
<p>S601- How many foreign labour were employed during the last month?</p> <p>E S601a.Contains(2)                  V1 self &gt;=1                  M1 the number of labour should be greather than 1</p>	<p>NUMERIC: INTEGER <span style="float: right;">S602b_foreign</span>                  -----</p>
<p>S601- How many non-household labour from Cook Islands were employed during the last month?</p> <p>E S601a.Contains(1)                  V1 self &gt;=1                  M1 the number of labour should be greather than 1</p>	<p>NUMERIC: INTEGER <span style="float: right;">S602b_local</span>                  -----</p>

SECTION 6: NON-HOUSEHOLD LABOUR INPUT  
 Roster: LABOUR INFORMATION- FOREIGN  
 generated by numeric question [S602b\\_foreign](#)

S602af

E S601a.Contains(2)

<p>S602- What is the age of the foreign labour</p> <p>V1 self &gt;= 15 &amp; self &lt;= 70                  M1 Age is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S602f</span>                  -----</p>
<p>S603- What is the Sex of the foreign labour</p>	<p>SINGLE-SELECT <span style="float: right;">S603f</span>                  01 <input type="radio"/> Male                  02 <input type="radio"/> Female</p>
<p>S604- What is the number of hours worked during the month by the foreign labour</p> <p>V1 self &gt;= 1 &amp;&amp; self &lt;= 300                  M1 the number of hours worked is out of range</p>	<p>NUMERIC: INTEGER <span style="float: right;">S604f</span>                  -----</p>
<p>S605- Did you make any cash payment to the foreign labour?</p>	<p>SINGLE-SELECT <span style="float: right;">S605af</span>                  01 <input type="radio"/> Yes                  02 <input type="radio"/> No</p>
<p>S605(b)- What was the amount paid in (NZ\$) to the foreign labour during the last one month?</p> <p>E S605af == 1                  V1 self.InRange((8 * S604f), (50 * S604f))                  M1 total payment entered is out of range</p>	<p>NUMERIC: DECIMAL <span style="float: right;">S605bf</span>                  -----</p>

S606- Was there any free/subsidized house provided to foreign labour?	SINGLE-SELECT 01 <input type="radio"/> Yes 02 <input type="radio"/> No	s606f
S607- Was there any free meals provided to foreign labour?	SINGLE-SELECT 01 <input type="radio"/> Yes 02 <input type="radio"/> No	s607f
S608- Was there any other benefits provided to the foreign labour?	SINGLE-SELECT 01 <input type="radio"/> Yes 02 <input type="radio"/> No	s608f

SECTION 6: NON-HOUSEHOLD LABOUR INPUT  
**Roster: LABOUR INFORMATION - LOCAL**  
generated by numeric question [s602b\\_1oca1](#)

s602a1

E s601a.contains(1)

S602- What is the age of local labour?  V1 self >= 15 & self <= 70 M1 Age is out of range	NUMERIC: INTEGER  -----	S602
S603- What is the sex of the local labour	SINGLE-SELECT 01 <input type="radio"/> Male 02 <input type="radio"/> Female	S603
S604- How many hours does the local labour worked during the month?  V1 self >= 1 && self <= 300 M1 the number of hours worked is out of range	NUMERIC: INTEGER  -----	S604
S605- Was there any cash payment made to the local labour?	SINGLE-SELECT 01 <input type="radio"/> Yes 02 <input type="radio"/> No	S605a
S605(b)- What was the amount paid in (NZ\$) to the local labour?  E s605a == 1 V1 self.InRange((8 * S604), (50 * S604)) M1 total payment entered is out of range	NUMERIC: DECIMAL  -----	S605b
S606- Was there any free/ subsidized house provided to the local labour?	SINGLE-SELECT 01 <input type="radio"/> Yes 02 <input type="radio"/> No	S606
S607- Was there any free meals provided to local labour?	SINGLE-SELECT 01 <input type="radio"/> Yes 02 <input type="radio"/> No	S607
S608- Was there any other benefits provided to the local labour?	SINGLE-SELECT 01 <input type="radio"/> Yes 02 <input type="radio"/> No	S608

# SECTION 7- HOUSEHOLD INCOME AND LOANS/GRANTS FOR AGRICULTURAL PURPOSES

Section\_7

E IsSectionAnswered(Cov) && AgFish.Contains(1)

<p>S701- What was the proportion of your household's total income (in cash / kind) usually derived from agricultural activities during last 12 months.</p>	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> None</p> <p>02 <input type="radio"/> About 1/4</p> <p>03 <input type="radio"/> About 1/3</p> <p>04 <input type="radio"/> About 1/2</p> <p>05 <input type="radio"/> About 3/4</p> <p>06 <input type="radio"/> All</p>	<p>s701</p>
<p>I Note that "in kind" means agricultural products that were received at no cost and consumed by the household during last 12 months or may be wages received in terms of agricultural products by any member <a href="#">And 54 other symbols [1]</a></p>		
<p>S702- Did you obtain or receive any loan and/or grant for your households' agricultural activities?</p>	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>	<p>s702</p>
<p>S703- What was the main source of the loan and/or grant that you used for your household agricultural activities?</p>	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> Bank of the Cook Islands (BCI)</p> <p>02 <input type="radio"/> Other Commercial Bank (ANZ or BSP)</p> <p>03 <input type="radio"/> Government Support</p> <p>04 <input type="radio"/> Other Sources (e.g. relatives, farmers association etc)</p>	<p>s703</p>
<p>E s702 == 1</p>		
<p>S704- What was the purpose of the loan and/or grant that you used for your household agricultural activities?</p>	<p>MULTI-SELECT</p> <p>01 <input type="checkbox"/> Hand Tools (e.g. shovel, spade, machete, garden fork)</p> <p>02 <input type="checkbox"/> Vehicles</p> <p>03 <input type="checkbox"/> Small Machinery/equipment (knapsack, mist blowers)</p> <p>04 <input type="checkbox"/> Chemicals</p> <p>05 <input type="checkbox"/> Seeds</p> <p>06 <input type="checkbox"/> Irrigation Materials</p> <p>07 <input type="checkbox"/> Fertilizer</p> <p>08 <input type="checkbox"/> Labour</p> <p>09 <input type="checkbox"/> Others, Specify</p>	<p>s704</p>
<p>E s702 == 1</p>		
<p>S704- Specify other purposes</p>	<p>TEXT</p> <p>.....</p>	<p>s704_others</p>
<p>E s702 == 1 &amp; s704.Contains(9)</p>		
<p>S705- What future support does the household require to assist with your agriculture project?</p>	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> Tractor Services</p> <p>02 <input type="radio"/> Water Tank</p> <p>03 <input type="radio"/> Agriculture equipment - rotary, knapsack, sprayer</p> <p>04 <input type="radio"/> Technical Advice</p> <p>05 <input type="radio"/> Research</p> <p>06 <input type="radio"/> Other - please specify</p>	<p>s705_future</p>
<p>S705(b)- Please Specify the other support</p>	<p>TEXT</p> <p>.....</p>	<p>s705b</p>
<p>E s705_future == 6</p>		

## SECTION 8: FISHERIES, AQUACULTURE AND PEARL FARMING

E IsSectionAnswered(Cov) && AgFish.Contains(2)

<p><b>S801 - Which of the following activities did you or your household engage in during the last 12 months?</b></p> <p>I Read out the answer options and select Yes or No for each option Note : Reef and lagoon harvesting: includes shell and other seafood collection, eg: rori, trochus, paua, rimu, crab...etc Pearls: include <a href="#">And 70 other symbols [2]</a></p> <p>V1 self.Missing.Length == 0</p> <p>M1 Please answer Yes or No for all the options</p>	<p>MULTI-SELECT: YES/NO <span style="float: right;">Agriculture_fishing</span></p> <p>01 <input type="checkbox"/> / <input type="checkbox"/> Capture Fishing / Seafood products harvesting</p> <p>02 <input type="checkbox"/> / <input type="checkbox"/> Pearls and Pearl Farming</p> <p>03 <input type="checkbox"/> / <input type="checkbox"/> Aquaculture</p>
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### SECTION 8: FISHERIES, AQUACULTURE AND PEARL FARMING FISHING / SEAFOOD PRODUCT HARVESTING

fishing\_seafood\_harvesting

E Agriculture\_fishing.Yes.Contains(1)

<p><b>S802 - Where does your household engage in fishing / seafood product harvesting ?</b></p> <p>V1 self.Missing.Length==0</p> <p>M1 Must answer Yes or No for each option</p>	<p>MULTI-SELECT: YES/NO <span style="float: right;">fish_seafood_place</span></p> <p>01 <input type="checkbox"/> / <input type="checkbox"/> Lagoon</p> <p>02 <input type="checkbox"/> / <input type="checkbox"/> Reef (outer reef slope)</p> <p>03 <input type="checkbox"/> / <input type="checkbox"/> Outside or over reef</p> <p>04 <input type="checkbox"/> / <input type="checkbox"/> Inland (freshwater)</p>
<p><b>S802.a - Do you fish on any Fish Aggregating Devices (FADs)?</b></p> <p>I Note: FADs are anchored around the island, and is made up of anchor block, rope lines, floats and aggregate such as coconut fronds (kikau) or bamboo.</p> <p>E fish_seafood_place.Yes.Contains(3)</p>	<p>SINGLE-SELECT <span style="float: right;">fishing_fads</span></p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>

S802.a.i - Name the two FADs you fish on the most.

I Read out the answer options if the respondent is not sure. Select only the two options given.  
 E fishing\_fads==1

MULTI-SELECT two\_fads

- 01  Rarotonga-Arorangi-Edgewater-Shallow
- 02  Rarotonga-Nikao-Seawall-Shallow (Met Office)
- 03  Rarotonga-Avarua-Avarua Harbour-Shallow
- 04  Rarotonga-Arorangi-Arorangi Primary School-Shallow
- 05  Rarotonga-Ngatangiia-Avana-Deep
- 06  Rarotonga-Nikao-Panama-Deep
- 07  Rarotonga-Arorangi-TheRarotongan-Deep
- 08  Rarotonga-Arorangi-Edgewater-Deep
- 09  Rarotonga-Avarua-Kiikii-Deep
- 10  Rarotonga-Titikaveka-Tikioki-Deep
- 11  Rarotonga-Titikaveka-QR-Shallow
- 12  Rarotonga-Tupapa-Tupi-Shallow
- 13  Aitutaki-Maina-Deep
- 14  Aitutaki-Motikitiu-Deep
- 15  Aitutaki-Airport-Deep
- 16  Aitutaki-Atua Tane-Deep

[And 22 other symbols \[4\]](#)

S802.b - What methods did your household use for fishing/seafood product harvesting in the last 12 months?

I Select all that apply

MULTI-SELECT fish\_seafood\_method

- 01  Gill and other net fishing
- 02  Vertical long lining
- 03  Drop lining
- 04  Hook and line
- 05  Trolling
- 06  Deep bottom fishing
- 07  Speargun
- 08  Collecting/gleaning shellfish and invertebrates
- 09  Flying fishing (maroro)
- 10  Harpoon
- 11  Traditional fish traps
- 97  Other, please name

S802.bn: Please specify other fishing methods.

E fish\_seafood\_method.Contains(97)

TEXT other\_fishing\_method

.....

S802.c - What is the average number of fishing trips per month that you or your household made in the last 12 months?

NUMERIC: INTEGER fishing\_average\_month

-----

S802.d - In which months would you go fishing more?

I Select all Months that apply

- MULTI-SELECT months\_fishing\_more
- 01  January
  - 02  February
  - 03  March
  - 04  April
  - 05  May
  - 06  June
  - 07  July
  - 08  August
  - 09  September
  - 10  October
  - 11  November
  - 12  December

SECTION 8: FISHERIES, AQUACULTURE AND PEARL FARMING / FISHING / SEAFOOD PRODUCT HARVESTING

Roster: MONTHS FISH MORE

generated by multi-select question [months\\_fishing\\_more](#)

mons\_fishmore\_roster

S802.e - Please give the reasons why you fish more during %mons\_fishmore\_roster%.

E reason\_fmored\_months.Contains(97)

- MULTI-SELECT reason\_fmored\_months
- 01  Unemployed and fish for livelihood
  - 02  Seasonal worker - fish only to supplement livelihood
  - 03  Season for catching target species
  - 04  Time of year with better weather/conditions
  - 05  To support community driven activity
  - 06  Market demand increases
  - 97  Other, please specify

S802.en - Please specify other reason.

TEXT other\_reason\_fmored

.....

S802.f - Which months would you go fishing the least?

I Select all Months that apply

F !(months\_fishing\_more.ContainsAny(@optioncode,1-12))

- MULTI-SELECT months\_fishing\_least
- 01  January
  - 02  February
  - 03  March
  - 04  April
  - 05  May
  - 06  June
  - 07  July
  - 08  August
  - 09  September
  - 10  October
  - 11  November
  - 12  December

SECTION 8: FISHERIES, AQUACULTURE AND PEARL FARMING / FISHING / SEAFOOD PRODUCT HARVESTING

Roster: MONTHS FISH LEAST

generated by multi-select question [months\\_fishing\\_least](#)

mons\_fishleast\_roster



<p>S802.g - Please give the reasons why you fish less during %mons_fishleast_roster%.</p>	<p>MULTI-SELECT <span style="float: right;">reason_fleast_months</span></p> <p>01 <input type="checkbox"/> Timing of the tides clash with other activities</p> <p>02 <input type="checkbox"/> Seasonal worker - employment commenced</p> <p>03 <input type="checkbox"/> Not the season for catching target species</p> <p>04 <input type="checkbox"/> Time of year with bad weather/conditions</p> <p>05 <input type="checkbox"/> Market declines</p> <p>97 <input type="checkbox"/> Other, please specify</p>
<p>S802.gn - Please specify other reason.</p> <p>E reason_fleast_months.Contains(97)</p>	<p>TEXT <span style="float: right;">other_reason_fless</span></p> <p>.....</p>
<p>S802.h - What is the average number of hours that you would spend on each fishing trip in the last 12 months?</p>	<p>NUMERIC: INTEGER <span style="float: right;">average_hours_fishing</span></p> <p>-----</p>
<p>S802.i - What is your MAIN purpose for fishing?</p>	<p>SINGLE-SELECT <span style="float: right;">fishing_main_purpose</span></p> <p>01 <input type="radio"/> Only for home consumption</p> <p>02 <input type="radio"/> Mainly for home consumption and some for sale</p> <p>03 <input type="radio"/> Mainly for sale and some for home consumption</p> <p>04 <input type="radio"/> Only for sale</p> <p>97 <input type="radio"/> Other (specify)</p>
<p>S802.i.n - Please specify other purpose</p> <p>E fishing_main_purpose==97</p>	<p>TEXT <span style="float: right;">other_fish_purpose</span></p> <p>.....</p>
<p>S802.j - Name the top 5 target species that you fished for in the last 12 months.</p>	<p>LIST <span style="float: right;">top5_species</span></p> <p>.....</p>

SECTION 8: FISHERIES, AQUACULTURE AND PEARL FARMING / FISHING / SEAFOOD PRODUCT HARVESTING

Roster: TOP 5 FISHING SPECIES

generated by list question [top5\\_species](#)

fishing\_species

<p>S802.j.i - Select which months you go fishing for %fishing_species%</p> <p>I Select all months that apply</p>	<p>MULTI-SELECT <span style="float: right;">months_each_species</span></p> <p>01 <input type="checkbox"/> January</p> <p>02 <input type="checkbox"/> February</p> <p>03 <input type="checkbox"/> March</p> <p>04 <input type="checkbox"/> April</p> <p>05 <input type="checkbox"/> May</p> <p>06 <input type="checkbox"/> June</p> <p>07 <input type="checkbox"/> July</p> <p>08 <input type="checkbox"/> August</p> <p>09 <input type="checkbox"/> September</p> <p>10 <input type="checkbox"/> October</p> <p>11 <input type="checkbox"/> November</p> <p>12 <input type="checkbox"/> December</p>
--	--

<p>S802.j.ii - What is the MAIN fishing method that you or your household use to catch %fishing_species%?</p>	<p>SINGLE-SELECT <span style="float: right;">target_species_method</span></p> <p>01 <input type="radio"/> Gill and other net fishing</p> <p>02 <input type="radio"/> Vertical long lining</p> <p>03 <input type="radio"/> Drop lining</p> <p>04 <input type="radio"/> Hook and line</p> <p>05 <input type="radio"/> Trolling</p> <p>06 <input type="radio"/> Deep bottom fishing</p> <p>07 <input type="radio"/> Speargun</p> <p>08 <input type="radio"/> Collecting/gleaning shellfish and invertebrates</p> <p>09 <input type="radio"/> Flying fishing (maroro)</p> <p>10 <input type="radio"/> Harpoon</p> <p>11 <input type="radio"/> Traditional fish traps</p> <p>97 <input type="radio"/> Other, please name</p>
<p>S802.j.iii - How much %fishing_species% did you catch on average per fishing trip?</p> <p>I Give the answer in kilograms (kg).</p>	<p>NUMERIC: INTEGER <span style="float: right;">average_catch</span></p> <p>-----</p>
<p>S802.j.iv - What proportion of %fishing_species% did your household sell?</p>	<p>SINGLE-SELECT <span style="float: right;">prop_fish_sold</span></p> <p>01 <input type="radio"/> All sold</p> <p>02 <input type="radio"/> About 1/4</p> <p>03 <input type="radio"/> About 1/3</p> <p>04 <input type="radio"/> About 1/2</p> <p>05 <input type="radio"/> About 3/4</p> <p>06 <input type="radio"/> All Consumed, none sold</p>
<p>S802.j.v - What processing state is your %fishing_species% mainly sold at?</p> <p>E prop_fish_sold.InList(1,2,3,4,5)</p>	<p>SINGLE-SELECT <span style="float: right;">state_catch_sold</span></p> <p>01 <input type="radio"/> Gilled and gutted</p> <p>02 <input type="radio"/> Gilled and gutted and tailed</p> <p>03 <input type="radio"/> Whole gutted only</p> <p>04 <input type="radio"/> Fish, partial, fillet / loin / truck</p> <p>05 <input type="radio"/> Headed and gutted</p> <p>06 <input type="radio"/> Shellfish or invertebrate meat /gonad etc only</p> <p>07 <input type="radio"/> Whole</p> <p>08 <input type="radio"/> Smoked</p> <p>97 <input type="radio"/> Other</p>
<p>S802.j.vi - What storage state is your %fishing_species% mainly sold in?</p> <p>E prop_fish_sold.InList(1,2,3,4,5)</p>	<p>SINGLE-SELECT <span style="float: right;">storage_state_sold</span></p> <p>01 <input type="radio"/> Fresh</p> <p>02 <input type="radio"/> Frozen</p> <p>03 <input type="radio"/> Dried/dry salted</p> <p>04 <input type="radio"/> Pickled/preserved</p> <p>05 <input type="radio"/> Other</p>

S802.j.vii - Which top 2 islands is your %fishing\_species% sold in?

I Select only the top 2 Islands.  
E prop\_fish\_sold.InList(1,2,3,4,5)

MULTI-SELECT: ORDERED

island\_catch\_sold

- 01  Aitutaki
- 02  Atiu
- 03  Mangaia
- 04  Manihiki
- 05  Mauke
- 06  Mitiaro
- 07  Nassau
- 08  Palmerston
- 09  Penrhyn
- 10  Pukapuka
- 11  Rakahanga
- 12  Rarotonga
- 13  Exported overseas

SECTION 8: FISHERIES, AQUACULTURE AND PEARL FARMING / FISHING / SEAFOOD PRODUCT HARVESTING / TOP 5 FISHING SPECIES

Roster: TOP 2 ISLANDS

generated by multi-select question [island\\_catch\\_sold](#)

top2\_islands

S802.j.viii - What MAIN market in %top2\_islands% is your catch sold to?

SINGLE-SELECT

market\_catch\_sold

- 01  Village/town market
- 02  Roadside
- 03  Service industry e.g. restaurant, café, hotel
- 04  Retail sector –e.g. shop, supermarket (on home island)
- 05  Fish broker/wholesaler (on selling to other markets e.g. hotels, shops)
- 06  Sell from home (advertised online...eg. facebook community pages)
- 07  Other

S802.j.ix - What proportion of %fishing\_species% did you sell in %top2\_islands% in the last 12 months?

SINGLE-SELECT

propor\_sold\_island

- 00  None
- 01  About 1/4
- 02  About 1/3
- 03  About 1/2
- 04  About 3/4
- 05  All

S803 - In the last 12 months, how many MALE members of your household were normally engaged in fishing/seafood product harvesting?

I Note: "normally" means the household members that are expected to go fishing. E.g. not a one-off.

NUMERIC: INTEGER

male\_members\_fishing

-----

SECTION 8: FISHERIES, AQUACULTURE AND PEARL FARMING / FISHING / SEAFOOD PRODUCT HARVESTING

Roster: MALE MEMBERS

generated by numeric question [male\\_members\\_fishing](#)

male\_members

<p>S803.a - What was %male_members%'s main fishing activity in the last 12 months?</p>	<p>SINGLE-SELECT <span style="float: right;">male_activities</span></p> <p>01 <input type="radio"/> Lagoon fishing</p> <p>02 <input type="radio"/> Fishing Outside the reef</p> <p>03 <input type="radio"/> Gleaning or Harvesting</p> <p>04 <input type="radio"/> Processing</p> <p>05 <input type="radio"/> Selling</p>
<p>S804 - In the last 12 months, how many FEMALE members of your household were normally engaged in fishing/seafood product harvesting?</p> <p>I Note: "normally" means the household members that are expected to go fishing. E.g. not a one-off.</p>	<p>NUMERIC: INTEGER <span style="float: right;">female_members_fishing</span></p> <p>-----</p>

SECTION 8: FISHERIES, AQUACULTURE AND PEARL FARMING / FISHING / SEAFOOD PRODUCT HARVESTING  
**Roster: FEMALE MEMBERS**  
 generated by numeric question [female\\_members\\_fishing](#) female\_members

<p>S804.a - What was %female_members%'s main fishing activity in the last 12 months?</p>	<p>SINGLE-SELECT <span style="float: right;">female_activities</span></p> <p>01 <input type="radio"/> Lagoon fishing</p> <p>02 <input type="radio"/> Fishing Outside the reef</p> <p>03 <input type="radio"/> Gleaning or Harvesting</p> <p>04 <input type="radio"/> Processing</p> <p>05 <input type="radio"/> Selling</p>
<p>S805 - Please select from the following list of equipment for fishing and/or seafood product harvesting activities your household used in the last 12 months</p> <p>I Read out each answer option and select all that apply.</p>	<p>MULTI-SELECT <span style="float: right;">fishing_equipment</span></p> <p>01 <input type="checkbox"/> Canoe</p> <p>02 <input type="checkbox"/> Aluminum dinghy / Boat</p> <p>03 <input type="checkbox"/> Inflatable dinghy</p> <p>04 <input type="checkbox"/> Outboard motor</p> <p>05 <input type="checkbox"/> Boat or Charter</p> <p>06 <input type="checkbox"/> Kayak</p> <p>07 <input type="checkbox"/> Fishing Rod</p> <p>08 <input type="checkbox"/> Life Jacket</p> <p>09 <input type="checkbox"/> VHF Radio</p> <p>10 <input type="checkbox"/> Flares</p> <p>11 <input type="checkbox"/> EPIRB (Emergency Position Indicating Radio Beacon)</p>
<p>S805.n - Any other equipment not listed earlier?</p>	<p>SINGLE-SELECT <span style="float: right;">other_fishing equip</span></p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>S805.n.i - Please specify other equipment</p> <p>E other_fishing equip==1</p>	<p>LIST <span style="float: right;">specify_fish equip</span></p> <p>-----</p>

SECTION 8: FISHERIES, AQUACULTURE AND PEARL FARMING / FISHING / SEAFOOD PRODUCT HARVESTING  
**Roster: EQUIPMENT USED**  
 generated by multi-select question [fishing\\_equipment](#) equipment\_used

<p>S805.a - Is this %equipment_used% owned by the household, or was it hired, borrowed or shared?</p>	<p>SINGLE-SELECT <span style="float: right;">equipment_ownership_status</span></p> <p>01 <input type="radio"/> Owned</p> <p>02 <input type="radio"/> Hired or Rented</p> <p>03 <input type="radio"/> Borrowed</p> <p>04 <input type="radio"/> Shared</p>
---	--

<p>S805.b - How many %equipment_used%s does your household own?</p> <p>E equipment_ownership_status==1</p>	<p>NUMERIC: INTEGER <span style="float: right;">equipment_owned</span></p> <p>-----</p>
--	---

SECTION 8: FISHERIES, AQUACULTURE AND PEARL FARMING / FISHING / SEAFOOD PRODUCT HARVESTING

Roster: OTHER FISHING EQUIPMENT

generated by list question [specify\\_fish equip](#)

other\_fish equip

<p>S805.a.i - Is this %other_fish equip% owned by the household, or was it hired, borrowed or shared?</p>	<p>SINGLE-SELECT <span style="float: right;">other equip_status</span></p> <p>01 <input type="radio"/> Owned</p> <p>02 <input type="radio"/> Hired or Rented</p> <p>03 <input type="radio"/> Borrowed</p> <p>04 <input type="radio"/> Shared</p>
---	--

<p>S805.b.i - How many %other_fish equip%s does your household own?</p> <p>E other equip_status==1</p>	<p>NUMERIC: INTEGER <span style="float: right;">other equip_owned</span></p> <p>-----</p>
--	---

<p>S806 - Did Covid19 influence your household's fishing activities in the last 12 months?</p>	<p>SINGLE-SELECT <span style="float: right;">covid_effect</span></p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
--	---

<p>S806.a - How did Covid19 influence your household's fishing activities?</p> <p>I Read out the answer options</p> <p>E covid_effect==1</p>	<p>SINGLE-SELECT <span style="float: right;">reason_covid_effect</span></p> <p>01 <input type="radio"/> Caused household to start fishing/harvest activities i.e. don't usually or never have fished/harvested seafood products</p> <p>02 <input type="radio"/> Increased fishing/harvesting activities</p> <p>03 <input type="radio"/> Decreased fishing/harvesting activities</p> <p>04 <input type="radio"/> Stopped fishing/harvesting activities</p> <p>97 <input type="radio"/> Other (specify)</p>
--	---

<p>S806.n - Please specify ways your household's fishing activities were influenced by Covid-19.</p> <p>E reason_covid_effect==97</p>	<p>TEXT <span style="float: right;">other_covid_reason</span></p> <p>-----</p>
---	--

SECTION 8: FISHERIES, AQUACULTURE AND PEARL FARMING

PEARLS AND PEARL FARMING

pearls\_farming

E Agriculture\_fishing.Yes.Contains(2)

<p>S807 - How many farm areas does your household currently operate?</p>	<p>NUMERIC: INTEGER <span style="float: right;">farm_areas</span></p> <p>-----</p>
--	--

<p>S808 - How many Farm Lines does your household own on the Farm?</p> <p>I Give an estimate if the respondent is not sure</p>	<p>NUMERIC: INTEGER <span style="float: right;">farm_lines</span></p> <p>-----</p>
--	--

<p>S809 - Does your household collect spat?</p>	<p>SINGLE-SELECT <span style="float: right;">collect_spat</span></p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
---	---

<p>S809.a - How many spat collectors do you have in the water?</p> <p>I Type in "0" if none. Give an estimate if the respondent is not sure. E collect_spat == 1</p>	<p>NUMERIC: INTEGER <span style="float: right;">spat_collector</span></p> <p>-----</p>
<p>S809.b - How often do you put spat collectors in the water?</p> <p>E collect_spat == 1</p>	<p>SINGLE-SELECT <span style="float: right;">spat_collection</span></p> <p>01 <input type="radio"/> Seasonally 02 <input type="radio"/> Annually 03 <input type="radio"/> All year round 04 <input type="radio"/> Certain months 97 <input type="radio"/> Other (specify)</p>
<p>S809.n - Please specify other times</p> <p>E spat_collection==97</p>	<p>TEXT <span style="float: right;">other_spat_coll</span></p> <p>.....</p>
<p>S809.d - Which are the certain months that you put spat collectors in the water?</p> <p>E spat_collection==4</p>	<p>MULTI-SELECT <span style="float: right;">certain_spat_months</span></p> <p>01 <input type="checkbox"/> January 02 <input type="checkbox"/> February 03 <input type="checkbox"/> March 04 <input type="checkbox"/> April 05 <input type="checkbox"/> May 06 <input type="checkbox"/> June 07 <input type="checkbox"/> July 08 <input type="checkbox"/> August 09 <input type="checkbox"/> September 10 <input type="checkbox"/> October 11 <input type="checkbox"/> November 12 <input type="checkbox"/> December</p>
<p>S810 - Which farmed shells do you currently have in the water?</p>	<p>MULTI-SELECT <span style="float: right;">farmed_shells</span></p> <p>01 <input type="checkbox"/> Seeded Shells 02 <input type="checkbox"/> Virgin Shells</p>
<p>S810.a - How many seeded shells do you currently have in the water?</p> <p>E farmed_shells.Contains(1) V1 seeded_shells &lt;= 150000 M1 Please double check your answer. Number seems too high.</p>	<p>NUMERIC: INTEGER <span style="float: right;">seeded_shells</span></p> <p>-----</p>
<p>S810.b - How many virgin shells do you currently have in the water?</p> <p>E farmed_shells.Contains(2)</p>	<p>NUMERIC: INTEGER <span style="float: right;">virgin_shells</span></p> <p>-----</p>
<p>S811 - Please select from the following list of equipment/facilities for the pearl farming activities your household used in the last 12 months.</p> <p>I Read out each answer option and select all that apply.</p>	<p>MULTI-SELECT <span style="float: right;">pearl_farm equip</span></p> <p>01 <input type="checkbox"/> Scuba Tanks 02 <input type="checkbox"/> Scuba gear set (i.e BCD, regulators, weight belt, fins, masks) 03 <input type="checkbox"/> Scuba Compressors 04 <input type="checkbox"/> Set of Snorkeling gear 05 <input type="checkbox"/> Motorized Boats 06 <input type="checkbox"/> Seeding equipment/ Tools 07 <input type="checkbox"/> Seeding houses / Platforms</p>

S811.n - Any other equipment/facilities not listed earlier?	SINGLE-SELECT 01 <input type="radio"/> Yes 02 <input type="radio"/> No	other_pearlfarm equip
S811.n.i - Please list the other pearl farm equipment. E other_pearlfarm equip==1	LIST .....	other_pearlf equip

SECTION 8: FISHERIES, AQUACULTURE AND PEARL FARMING / PEARLS AND PEARL FARMING

Roster: PEARL FARM EQUIPMENT

generated by multi-select question [pearlfarm equip](#)

pearlfarm equip

S811.a - How many times a week do you use the %pearlfarm equip%?	NUMERIC: INTEGER -----	times equip used
S811.b - Is this %pearlfarm equip% owned, hired, borrowed or shared by your household?	SINGLE-SELECT 01 <input type="radio"/> Owned 02 <input type="radio"/> Hired or Rented 03 <input type="radio"/> Borrowed 04 <input type="radio"/> Shared	pearlfarm equip status

SECTION 8: FISHERIES, AQUACULTURE AND PEARL FARMING / PEARLS AND PEARL FARMING

Roster: OTHER PEARL FARM EQUIPMENT

generated by list question [other\\_pearlfarm equip](#)

other\_pearlfarm roster

S811.n.ii - How many times a week do you use the %other_pearlfarm roster%?	NUMERIC: INTEGER -----	times_oequip used
S811.n.iii - Is this %other_pearlfarm roster% owned, hired, borrowed or shared by your household?	SINGLE-SELECT 01 <input type="radio"/> Owned 02 <input type="radio"/> Hired or Rented 03 <input type="radio"/> Borrowed 04 <input type="radio"/> Shared	pearlfarm_oequip status
S812 - How many shells do you intend to have seeded in the pearl farm over the next 3 years?	NUMERIC: INTEGER -----	shells_3years
S813 - How many shells do you intend to have seeded in the pearl farm over the next 5 years ?	NUMERIC: INTEGER -----	shells_5years
S814 - What is the proportion of your household total income (in cash/in kind) usually derived from Pearl farming in the last 12 months?	SINGLE-SELECT 01 <input type="radio"/> None 02 <input type="radio"/> About 1/4 03 <input type="radio"/> About 1/3 04 <input type="radio"/> About 1/2 05 <input type="radio"/> About 3/4 06 <input type="radio"/> All	hh_income
S815 - Did your household take out any loan or receive a grant for pearl farming in the last 5 years?	SINGLE-SELECT 01 <input type="radio"/> Yes, loan only 02 <input type="radio"/> Yes, grant only 03 <input type="radio"/> Yes, both loan and grant 04 <input type="radio"/> No	loan_last_5years

<p>S815.a - What was the source of the loan/grant that you used for your household pearl farm in the last 5 years?</p> <p>E loan_last_5years.InList(1,2,3)</p>	<p>MULTI-SELECT <span style="float: right;">loan_source</span></p> <p>01 <input type="checkbox"/> Bank of Cook Islands</p> <p>02 <input type="checkbox"/> Other Commercial Bank</p> <p>03 <input type="checkbox"/> Island Government administered fund</p> <p>04 <input type="checkbox"/> Cook Islands Government administered initiative e.g. MFEM or other ministry/agency</p> <p>05 <input type="checkbox"/> Other non-bank financial institutions</p> <p>06 <input type="checkbox"/> Family / friend</p> <p>07 <input type="checkbox"/> Other Sources</p>
<p>S816 - What value added and/or byproducts are derived from your household's pearl farming activities(other than black pearls that are sold as pieces or parcels)?</p>	<p>MULTI-SELECT <span style="float: right;">value_added_pearl</span></p> <p>01 <input type="checkbox"/> Pearl oyster meat (korori)</p> <p>02 <input type="checkbox"/> Pearl shell</p> <p>03 <input type="checkbox"/> Jewelry</p> <p>04 <input type="checkbox"/> None</p> <p>07 <input type="checkbox"/> Other</p>
<p>S817.n - Please specify other value added activities or byproducts.</p> <p>E value_added_pearl.Contains(97)</p>	<p>TEXT <span style="float: right;">other_value_added</span></p> <p>.....</p>

SECTION 8: FISHERIES, AQUACULTURE AND PEARL FARMING  
AQUACULTURE

aquaculture

E Agriculture\_fishing.Yes.Contains(3)

<p>S818 - Where is your aquaculture located (site)?</p>	<p>SINGLE-SELECT <span style="float: right;">aquaculture_location</span></p> <p>01 <input type="radio"/> Land Based</p> <p>02 <input type="radio"/> Inland Waters</p> <p>03 <input type="radio"/> Coastal Waters</p>
<p>S819 - What type of water was used in carrying out your aquaculture?</p>	<p>SINGLE-SELECT <span style="float: right;">water_type</span></p> <p>01 <input type="radio"/> Fresh Water</p> <p>02 <input type="radio"/> Brackish Water</p> <p>03 <input type="radio"/> Seawater</p>
<p>S820 - What type of aquatic organisms were cultivated?</p> <p>I Select all that apply.</p>	<p>MULTI-SELECT <span style="float: right;">organisms_aqua</span></p> <p>01 <input type="checkbox"/> Freshwater fish</p> <p>02 <input type="checkbox"/> Marine fish</p> <p>03 <input type="checkbox"/> Crustaceans</p> <p>04 <input type="checkbox"/> Molluscs</p> <p>05 <input type="checkbox"/> Aquatic plants</p> <p>07 <input type="checkbox"/> Others</p>
<p>S820.n - Please specify the other organisms.</p> <p>E organisms_aqua.Contains(97)</p>	<p>TEXT <span style="float: right;">other_organisms</span></p> <p>.....</p>



S821 - What was the MAIN purpose of your household's aquaculture activity in the last 12 months?

I Read out the answer options

SINGLE-SELECT aquaculture\_purpose

- 01  Only for Home Consumption
- 02  Mainly for home consumption and some sale
- 03  Mainly for Sale and some home consumption
- 04  Only for sale
- 97  Other (specify)

S821.n - Please specify the other purpose for your aquaculture activity.

E aquaculture\_purpose==97

TEXT other\_purpose\_aqua

.....

END PAGE

Press below when survey is completed	DATE: CURRENT TIME <span style="float: right;">enumeration_end</span> .....
Click to record the household GPS location	GPS <span style="float: right;">HHGPS</span> ----- N ----- W ----- A

## APPENDIX A — VALIDATION CONDITIONS AND MESSAGES

### [1] S106: S106- Age in completed years

Validation Condition:

```
self >= 0 & self <= 100
```

Validation Message: Age should be between 0 to 100 years

Validation Condition:

```
(S102==3 && (S101a.Count(x=>x.S102==1 && (x.S106-S106<=15))==0))
```

```
||
```

```
S102 !=3
```

Validation Message: Child of household head should be at least 16 years younger than household head age

Validation Condition:

```
// If the date of birth is complete, check validity of the date
(IsAnswered(S104_Day) && IsAnswered(S104_Month) && IsAnswered(S104_Year)) ?
(S104_Year != 9999) ?
(S104_Month != 99) ?
(S104_Day != 99) ?
  // DOB is complete, check using all data
  (IsDate(S104_Year,S104_Month,S104_Day)) ?
    // Check age as of the date of interview
    self == INTSTART.FullYearsSince(new DateTime((int) S104_Year,(int) S104_Month,(int) S104_Day))
    :
    true // DOB is not valid, Accept here because it has been checked in DOB_Year
  :
  // Day is Don't Know, check against month and year
  (S104_Month == INTSTART.Value.Month) ? // check if the interview happens on the same month as DOB
  Month
    S104_Month.InList(1,3,5,7,8,10,12) ?
    // Assume Birth day is between 1 - 31
    self.InRange(INTSTART.FullYearsSince(new DateTime((int) S104_Year,(int)
S104_Month,31)),INTSTART.FullYearsSince(new DateTime((int) S104_Year,(int) S104_Month,1)))
    :
    S104_Month != 2 ?
    self.InRange(INTSTART.FullYearsSince(new DateTime((int) S104_Year,(int)
S104_Month,30)),INTSTART.FullYearsSince(new DateTime((int) S104_Year,(int) S104_Month,1)))
    :
    self.InRange(INTSTART.FullYearsSince(new DateTime((int) S104_Year,(int)
S104_Month,28)),INTSTART.FullYearsSince(new DateTime((int) S104_Year,(int) S104_Month,1)))
    :
    // Interview happened on a different DOB Month, Age == computed Age
    self == INTSTART.FullYearsSince(new DateTime((int) S104_Year,(int) S104_Month,15))
    :
    // Month is Don't Know, assume Birth date is within yyyy/1/1 to yyyy/12/31
    self.InRange(INTSTART.FullYearsSince(new DateTime((int)
S104_Year,12,31)),INTSTART.FullYearsSince(new DateTime((int) S104_Year,1,1)))
    :
    true // accept if year is Don't Know
  :
  true // User has already been warned about DOB not being complete
```

Validation Message: Entered Age of is not consistent with DOB! Computed age is %Q1\_4\_Age%

## APPENDIX B — INSTRUCTIONS

- [1] [S701: S701- What was the proportion of your household's total income \(in cash / kind\) usually derived from agricultural activities during last 12 months.](#)

Note that "in kind" means agricultural products that were received at no cost and consumed by the household during last 12 months or may be wages received in terms of agricultural products by any member employed in own household other household's holding

- [2] [Agriculture\\_fishing: S801 - Which of the following activities did you or your household engage in during the last 12 months?](#)

Read out the answer options and select Yes or No for each option Note: Reef and lagoon harvesting: includes shell and other seafood collection, eg: rori, trochus, paua, rimu, crab...etc Pearls: include Pearl farming, retail, wholesale and artisan/craft of pearls...etc

## APPENDIX C — CATEGORIES

[1] [Categories\\_AG\\_Districts](#)

Categories: 1: Kiikii-Tupapa-Maraerenga, 2: Takuvaine, 3: Tutakimoa-Teotue, 4: Avatiu-Ruatonga, 5: Nikao-Panama, 6: Ruaau, 7: Akaoa, 8: Murienua, 9: Titikaveka, 10: Ngatangia, 11: Matavera, 12: Amuri-Ureia, 13: Arutanga, 14: Vaipae-Avanui, 15: Tautu, 16: Mangaia, 17: Atiu, 18: Mauke, 20: Mitiaro, 21: Northern Group, 22: Northern Group, 23: Northern Group, 24: Northern Group, 25: Northern Group, 26: Northern Group

[2] [S5301: S5301- Which of the following chemicals did you or the household apply on the crops grown during last 12 months?](#)

Categories: 1: Glyphosate (Round-up, Sting, G360, Proclaim), 2: Paraquat (Gramoxone, Agriquat), 3: Fluzifob-p-butyl (Fusillade), 4: Imidacloprid (Cyrus, Velcloprid, Confidor), 5: Abamectin (Avid, Abamectin, Vertex), 6: Permethrin + pirimiphos-methyl (Attack, Ambush), 7: Mineral oil (DC Tro n, Conqueror oil, Sunspray oil), 8: Neem Kernel Oil (Naturally neem, NeemAQ), 9: Bacillus thuringiensis var. kurstaki (Dipel, Delfin), 10: Metaldehyde (Blitzem, Metarex) (Snail bait), 11: Brodifacoum (Talon rat bait), 12: Copper Hydroxide (Copperstar, Kocide, Kocide Opti, BlueShield), 13: Mancozeb (Mancozeb, Manzate, Dithane M-45, Penncozeb), 14: Chlorothalonil + Thiophanate methyl (Taratek), 15: Chlorothalonil (Bravo, Chrolotek), 16: Any other not specified above, 99: None of the above

[3] [S512: S512- Name of the crop planted and or harvested during the last 12 months](#)

Categories: 1: Abiu (Eggfruit), 2: Apple Star, 3: Avocado, 4: Banana, cavendish, 5: Banana, cooking (Plantain), 6: Banana, ducasse, 7: Banana, fei (Utu), 8: Banana, ladyfinger, 9: Barbados cherry (Acerola, West Indian Cherry), 10: Basil, 11: Bean, climbing (Pole beans), 12: Bean, snake, 13: Bean, winged (Four-cornered bean), 14: Bean, yardlong (Cowpea), 15: Bele (Rukau viti), 16: Bitter Melon (Balsam bear), 17: Breadfruit, 18: Broccoli, 19: Cabbage, 20: Capsicum, 21: Cauliflower, 22: Chestnut, 23: Chillii, birdseye (Tabasco), 24: Chillii, habanero (Bongo), 25: Chillii, jalapeño, 26: Chinese Cabbage, 27: Chive, 28: Choko, 29: Citrus, grapefruit, 30: Citrus, kumquat, 31: Citrus, lemon, 32: Citrus, lime, 33: Citrus, mandarin, 34: Citrus, orange (Anani matavera), 35: Citrus, pummelo, 36: Citrus, satsuma, 37: Citrus, tangerine, 38: Cocoa, 39: Coffee, 40: Coriander, 41: Corn, 42: Courgette (Zucchini, Marrow), 43: Cucumber, 44: Custard Apple (African pride, cherimoya), 45: Dill, 46: Dragonfruit, 47: Drinking Nut (Nu, Niu), 48: Durian, 49: Eggplant, 50: Giant Swamp Taro (Puraka), 51: Ginger, 52: Granadilla (Maratini), 53: Guava, 54: Herbs (mix), 55: Hog Plum (Spondias), 56: Jackfruit, 57: Kale, 58: Kumara (Sweet potato), 59: Lemongrass (Ti Varani), 60: Lettuce, 61: Long Kong (Langsat), 62: Longan, 63: Loquat (Ko'ata), 64: Lychee (Litchi), 65: Malayapple, 66: Mango, 67: Mangosteen, purple (Sweet), 68: Mangosteen, yellow (Astringent), 69: Maniota (Cassava), 70: Melon, honeydew, 71: Melon, rock (Cantaloupe), 72: Melon, water, 73: Mint, 74: Nono (Noni), 75: Okra, 76: Parsley, 77: Passionfruit, purple, 78: Passionfruit, yellow, 79: Pawpaw, pink lady, 80: Pawpaw, solo sunrise, 81: Pawpaw, solo waimanalo, 82: Pili nut (Canarium), 83: Pineapple, champarka, 84: Pineapple, MD2, 85: Pineapple, ripley queen, 86: Pineapple, smooth cayenne, 87: Pomegranate (Remuna), 88: Pumpkin, butternut, 89: Pumpkin, crown, 90: Pumpkin, local, 91: Radish, 92: Rambutan, 93: Rollinia, 94: Rosemary, 95: Rukau, taro, 96: Rukau, tarua, 97: Sapodilla, 98: Sapote, pink (Mamey), 99: Sapote, ross, 100: Sapote, white, 101: Silk Squash (Luffa), 102: Silverbeet (Swiss chard), 103: Snowpeas, 104: Soursop (Guanabana), 105: Spinach, 106: Spring Onion, 107: Starfruit (Carambola), 108: Surinam cherry, 109: Sweetsop (Naponapo, Tapotapo), 110: Tamarind, 111: Taro, 112: Tarua, 113: Tawa (Pometia), 114: Tomato, cherry, 115: Tomato, fresh, 116: Turmeric (Renga), 117: Vanilla, 118: Watercress, 119: Yam bean (Jicama), 120: Yam, apirika (African yam), 121: Yam, etene, 122: Yam, pacific (Pacific yam), 123: Yam, parai, 124: Yam, toka, 999: Other Specify

[4] [two\\_fads: S802.a.i - Name the two FADs you fish on the most.](#)

Categories: 1: Rarotonga-Arorangi-Edgewater-Shallow, 2: Rarotonga-Nikao-Seawall-Shallow (Met Office), 3: Rarotonga-Avarua-Avarua Harbour-Shallow, 4: Rarotonga-Arorangi-Arorangi Primary School-Shallow, 5: Rarotonga-Ngatangiia-Avana-Deep, 6: Rarotonga-Nikao-Panama-Deep, 7: Rarotonga-Arorangi-TheRarotongan-Deep, 8: Rarotonga-Arorangi-Edgewater-Deep, 9: Rarotonga-Avarua-Kiikii-Deep, 10: Rarotonga-Titikaveka-Tikioki-Deep, 11: Rarotonga-Titikaveka-QR-Shallow, 12: Rarotonga-Tupapa-Tupi-Shallow, 13: Aitutaki-Maina-Deep, 14: Aitutaki-Motikitiu-Deep, 15: Aitutaki-Airport-Deep, 16: Aitutaki-Atua Tane-Deep, 17: Aitutaki-Maunga Pu-Deep, 18: Aitutaki-Amuri-Shallow, 19: Aitutaki-Mangere-Shallow, 20: Aitutaki-Pacific Resort-Shallow, 21: Aitutaki-Maunga Pu-Shallow, 22: Mangaia-Makuru-Shallow, 23: Mangaia-Avarua Harbour-Shallow, 24: Atiu-Vaipiki-Shallow, 25: Atiu-Taunga Roro Point-Deep, 26: Mauke-Totu Tai-Shallow, 27: Mitiaro-Au o Mutu-Deep, 28: Palmerston-Three Tree-Shallow, 29: Palmerston-Palmerston Point-Shallow, 30: Palmerston-Kira-Deep, 31: Palmerston-Big Stone-Deep, 32: Pukapuka-FAD One-Shallow, 33: Pukapuka-FAD Two-Shallow, 34: Nassau-FAD One-Shallow (Western side of the Island), 35: Manihiki-Murihiti-Deep, 36: Manihiki-Avanui-Deep, 37: Rakahanga-Pahonu-Deep, 38: Rakahanga-Ninavo

## APPENDIX D — VARIABLES

[1] [Q1\\_4\\_Age:](#)

```
// If the date of birth is complete, check validity of the date (IsAnswered(S104_Day) && IsAnswered(S104_Month) && IsAnswered(S104_Year)) ?  
(S104_Year != 9999) ? (S104_Month != 99) ? (S104_Day != 99) ? // DOB is complete, check using all data  
(IsDate(S104_Year,S104_Month,S104_Day)) ? // Check age as of the date of interview INTSTART.FullYearsSince(new DateTime((int) S104_Year,  
(int) S104_Month,(int) S104_Day)).ToString() : "" // DOB is not valid, Accept here because it has been checked in B4_Year : // Day is Don't Know,  
check against month and year (S104_Month == INTSTART.Value.Month) ? // check if the interview happens on the same month as DOB Month  
(S104_Month.InList(1,3,5,7,8,10,12)) ? // Assume Birth day is between 1 - 31 INTSTART.FullYearsSince(new DateTime((int) S104_Year,(int)  
S104_Month,31)).ToString() + " - " + INTSTART.FullYearsSince(new DateTime((int) S104_Year,(int) S104_Month,1)).ToString() : (S104_Month != 2)  
? INTSTART.FullYearsSince(new DateTime((int) S104_Year,(int) S104_Month,30)).ToString() + " - " + INTSTART.FullYearsSince(new  
DateTime((int) S104_Year,(int) S104_Month,1)).ToString() : INTSTART.FullYearsSince(new DateTime((int) S104_Year,(int)  
S104_Month,28)).ToString() + " - " + INTSTART.FullYearsSince(new DateTime((int) S104_Year,(int) S104_Month,1)).ToString() : // Interview  
happened on a different DOB Month, Age == computed Age INTSTART.FullYearsSince(new DateTime((int) S104_Year,(int)  
S104_Month,15)).ToString() : // Month is Don't Know, assume Birth date is within yyyy/1/1 to yyyy/12/31 INTSTART.FullYearsSince(new  
DateTime((int) S104_Year,12,31)).ToString() + " - " + INTSTART.FullYearsSince(new DateTime((int) S104_Year,1,1)).ToString() : "" // accept if year  
is Don't Know : "" // User has already been warned about DOB not being complete
```

[2] [LandUseAcres:](#)

```
(S410a_dec>0?S410a_dec:0) + (S411a_dec>0?S411a_dec:0) + (S412a_dec>0?S412a_dec:0) + (S413a_dec>0?S413a_dec:0) + (S414a_dec>0?  
S414a_dec:0) + (S415a_dec>0?S415a_dec:0) + (S416a_dec>0?S416a_dec:0) + (S417a_dec>0?S417a_dec:0)
```

# LEGEND

Legend and structure of information in this file

Name of section	Enabling condition for this section	Type of question, scope	Variable name
<p><b>SECTION 5: OTHER INCOME SOURCES</b></p> <p>E s4_other_sources_which.Contains(98)</p>	<p><b>Question title</b></p> <p><b>Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur?</b></p> <p>I This refers to family relations E s3_time_other &gt; 0 V1 s4_re1_leaders_which.Contains(98) M1 Can not be itself V2 (s3_time_other_breeding_advice &lt;= (50 - s3_time_art_insem_advice))    s3_time_other_breeding_advice == 0 M2 This person is not in the list F optioncode != s5_ignored_option_code</p>	<p><b>Answer options</b></p> <p>MULTI-SELECT SCOPE: PREFILLED</p> <p>01 <input type="checkbox"/> Community animal health workers 02 <input type="checkbox"/> Private 03 <input type="checkbox"/> Government 04 <input type="checkbox"/> Livestock keepers association 05 <input type="checkbox"/> NGO</p> <p>And 5 other [13]</p>	<p>s4_re1_leaders_other</p>
<p><b>Additional information:</b></p> <p>"I" – Question instruction "E" – Enabling condition "V1" – Validation condition №1 "M1" – Message for validation №1 "F" – Filter in Categorical questions</p>	<p><b>Link to full set in appendix</b></p>		

## Breadcrumbs

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

List items