

# SENEGAL DAIRY GENETICS PROJECT

## BASELINE HOUSEHOLD SURVEY – ADULT FEMALE

This questionnaire should be filled out with the wife (or first wife in polygamous households) or other adult female knowledgeable about household livelihood activities and food consumption. If need be, you will need to ask some questions to the other women.

### 1. GENERAL INFORMATION

Date of survey (DD/MM/YYYY)		
Enumerators name		
Head of household name		
Time interview started:	HH:	MM:
<b>Information on site and household</b>		
Site name		
Village name		
Name of survey respondent		
Relationship of respondent to household head (code a)		
Is this the same respondent as for the 'baseline household head' survey (0=no, 1=yes)		
Household ID (code b)	[ __ AF __ ] [ ____ ] [ ____ ] Survey-type site household	
<b>Respondent relationship (code a)</b>	<b>Household ID (code b)</b>	
1 = household head 2 = wife / spouse 3 = other family member 4 = other non-family member	<u>Survey type</u> AF = adult female baseline  <u>Site code</u> 1 = Thies / Tivaouane 2 = Touba /Mbacke	

**2. INFORMATION ON THE DAIRY PRODUCTION SYSTEM**

**If the respondent is the same as for the 'baseline household head' survey, then go to Q3**

**2.1 Dairy breed-types**

2.1.1 Does the respondent know more than one cattle breed-type? (0=non, 1= yes)

If no, go to the next question.

If yes, fill the table below relation to the most and least preferred breed-type

2.1.2 What are the cattle breed types owned, managed or known by the respondent?

- Local breeds: ; ;

- Cross breeds: ; ;

- Exotic breeds: ; ;

Breed-type	Preference code (code a)	Reason for preference, indicate all (code b)	Inconvenience, indicate all (code c)
Local breeds (pure)			
Cross breeds			
Exotic breeds (pure)			
Preference (code a)	Reason for preference (code b)	Inconvenience (code c)	
1 = high preference 2= moderate preference 3= low preference 4= indifferent	0= no particular reason 1 = high milk yield 2 = good milk quality 3 = high sale value of calves 4 = well adapted to local conditions 5 = good disease resistance 6 = easy to manage 7 = low feed intake 8 = good reproductive rates 9 = low calf mortality 10 = nice coat colour 11 = adequate conformation of the udder 12 = weight and conformity of the animal 13 = fast growth 14 = adapted to long to walk -77 = other, specify below <input type="text"/>	0= no inconvenience 1 = low milk yield 2 = poor milk quality 3 = low sale value of calves 4 = poorly adapted to local conditions 5 = poor disease resistance 6 = hard to manage 7 = high feed intake 8 = poor reproductive rates 9 = high calf mortality 10 = bad skin colour 11= inadequate shape and size of the udder 12= inadequate weight and conformity of the cow 13 = poor growth rate 14 = not adapted to long walk -77 = other, specify below <input type="text"/>	

**2.2 Constraints to dairy**

Indicate the three main constraints in relation to the dairy enterprise

Primary constraint (code a)	Secondary constraint (code a)	Tertiary constraint (code a)
<b>Code a</b>		
0= no constraint	7 = animal health problems	12 = no access to information
1 = lack of feed	8 = cross-breeds / exotics are difficult to keep	13 = no space to start up a dairy cattle farm
2 = high cost of feed	9 = low price for milk and milk products	14 = animal theft
3 = lack of labour	10 = unable to sell all products produced	15 = I do not know
4 = high cost of labour	11 = no access to credit	16 = problem with marketing of milk
5 = lack of access to AI / good breeding animals		17 = problem with capacity building
6 = high cost of AI / good breeding animals		-77 others (Specify)
		[ _____ ]
		_____ ]

**2.3 Responsibilities in relation to dairy farming**

Fill the following in relation to who has different responsibility on dairy activities, and who pays for expenses, or controls income. If one activity does not apply, indicate 99 in the column "Main decision maker". If the household has more than one herd, fill the table for the first herd only (the one close to the house)

Activity	Main decision maker	Main labourer	Who pays for expenses associated with this activity	Who controls the income associated with this activity
Feeding of animals				<i>(do not fill)</i>
Watering of animals				
Health-care of animals				
Breeding of animals (when an animal is mated, who the animal will be mated to, whether AI is used)				
Purchase of new animals				
Milking of animals (frequency, when to stop etc.)				
Processing of milk (whether to process, what to process into)				
Membership of groups, such as dairy co-operatives		<i>(do not fill)</i>		
Hire of labourers				
Sale of milk / processed milk products			<i>(do not fill)</i>	
Sale of live animals				
Sale of manure (leave row blank if manure is not sold)				
Training on dairy		<i>(do not fill)</i>		<i>(do not fill)</i>
<b>Codes</b>				
1 = unsure 2 = male household adult (> 15 years) 3 = female household adult (> 15 years) 4 = jointly between male and female household adults 5 = male household child (<15 years) 6 = female household child (<15 years) 7 = jointly between male and female household children		8 = any household member 9 = non-household member such as relative, friend, neighbour 10 = hired male labourer 11 = hired female labourer -77 = other, specify below [ _____ ]		

**2.4 Training needs in relation to dairy**

Indicate the top two training needs in relation to dairy

<b>Top two training needs (code a)</b>	
[ ] [ ]	
<b>Training needs (code a)</b>	
1 = no training 2 = animal health 3 = milking and milk hygiene 4 = animal feeding 5 = keeping of cross-breed / exotic animals	6 = in relation to reproduction, such as heat detection 7 = milk processing 8 = marketing of milk / milk products 9 = other, specify below [ ]

### 3. INFORMATION ON THE HOUSEHOLD

#### 3.1. Household assets

##### 3.1.1. Fill the following in relation to main house

Home ownership (code a)	Number of rooms	Floor material (code b)	Wall material (code c)	Roofing material (code d)
<b>Home ownership (code a)</b>	<b>Floor material (code b)</b>	<b>Wall material (code c)</b>	<b>Roofing material (code d)</b>	
1 = owned 2 = rented 3 = borrowed (no taxes) -77 = other, specify below [ ]	1 = earth 2 = cement 3 = tiles 4 = earth and cement 5 = earth and tiles 6 = cement and tiles -77 = other, specify below [ ]	1 = earth / mud 2 = wood / bamboo / iron sheets 3 = cement / bricks 4 = earth/mud and wood / bamboo / iron sheets 5 = earth/mud and cement / bricks 6 = wood / bamboo / iron sheets and cement / bricks -77 = other, specify below [ ]	1 = grass 2 = iron sheet / asbestos 3 = cement 4 = tiles / slates 5 = grass and iron sheet / asbestos 6 = grass and cement 7 = iron sheet / asbestos and cement -77 = other, specify below [ ]	

##### 3.1.2. Fill the following in relation to household farm and domestic assets

Asset name	Total number	Numbers by ownership and age of asset								
		Owned by men			Owned by women			Jointly owned		
		< 3 years	3-7 years	>7 years	< 3 years	3-7 years	>7 years	< 3 years	3-7 years	>7 years
<b>Domestic</b>										
Cooker / gas stove										
Refrigerator										
Radio										
Television										
DVD player										
Mobile phone										
Sofa set										
Sewing machine										
Mosquito nets										
Air conditioner										
<b>Transport</b>										
Car / Truck										
Motorcycle										
Bicycle										
Cart (animal drawn)										
<b>Farm</b>										
Small equipments (Hoes, spades, rake etc)										
Ploughs										
Sprayer pump										
Water pump										
Automated milker										
Electric generator										
Fan										
Other, specify below [ _____ ]										

1. Where it is possible all women should participate in the questionnaire. If this not possible, the enumerator should mention as a comment.

**3.2 Livelihood activities and income**

3.2.1. What are the 3 main sources of livelihood for this household over the last 12 months, that female household members have been involved in

Primary livelihood source	Secondary livelihood source	Tertiary livelihood source
<b>Codes</b>		
0 = nothing or no control or checks on household income	9 = own business related to livestock or agriculture (such as livestock trader, feed supplier, agricultural extension)	
1 = food crop production (both own consumption and sale e.g. gardening, fruits, vegetable production)	10 = own business not related to livestock or agriculture	
2 = cash crop production (e.g. coffee, cotton, sisal etc.)	11 = formal salaried employment (non-farming)	
3 = animal feed and fodder production	12 = rent out land / sharecropping (cash value of rent or share crop)	
4 = beef cattle keeping	13 = remittances	
5 = dairy cattle keeping	14 = pension	
6 = sheep and goat keeping	-77 = other, specify below	
7 = poultry keeping	[ _____ ]	
8 = working for someone on another farm		

3.2.2. Fill the following in relation to dairy related income

How much of the total annual income from dairy (sale of dairy products, sale of animals etc.) is controlled by household females (%)	
What is this dairy related income mainly spent on – give the three main expense types (code)	[ _____ ] [ _____ ] [ _____ ]
<b>Codes</b>	
1 = food for the household	5 = dairy farm activities
2 = school fees	6 = other farm activities
3 = health care (human)	7 = non-farm activities (such as other business)
4 = other household expenses	8 = other, specify below
	[ _____ ]

#### 4. HOUSEHOLD FOOD SECURITY

##### 4.1. Household diet and adequacy of food provisioning

Fill the below in relation to household diet

Types of foods	In the last 24 hours, have you consumed these? (0=no, 1=yes)	In the last 7 days, how many <b>days</b> have you consumed these?
Staples or food made from staples including millet, sorghum, maize, rice, wheat, or other local grains, e.g. bread, rice, noodles, biscuits, or other foods		
Potatoes, yams, cassava or any other foods made from roots or tubers		
Vegetables		
Fruits		
Beans, peas, lentils, or nuts?		
Red meat-beef, pork, lamb, goat, rabbit wild game, liver, kidney, heart, or other organ meats?		
Poultry including chicken, duck, other poultry		
Eggs		
Fresh or dried fish or shellfish?		
Milk, cheese, yogurt, or other milk product		
Oils and fats?		
Sweets, sugar, honey		
Any other foods, such as condiments, coffee, tea including milk in tea?		

4.2. Indicate the months where the household food was adequate

In the last 12 months, did you have enough food to eat during all the months? (0=no, 1=yes)	
If no, which were the months in the last 12 months that you <b>did have</b> enough food to meet your family's needs	January [ ]      July [ ] February [ ]      August [ ] March [ ]      September [ ] April [ ]      October [ ] May [ ]      November [ ] June [ ]      December [ ]
Do not read the list of months. Work backwards from the current month, and place a '1' next to the month if the respondent indicate that was sufficient food to meet household needs in that month	

Head of household name	HH:	MM:
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Quality Assurance Aspects



**Enumerator:** enter your comments here AFTER you have administered the questionnaire

Date \_\_\_\_\_ Name \_\_\_\_\_ Signature \_\_\_\_\_

**Supervisor:** enter your comments here AFTER you have inspected the WHOLE questionnaire

Date \_\_\_\_\_ Name \_\_\_\_\_ Signature \_\_\_\_\_

**Data entry agent:** enter your comments here AFTER you have entered the data

Date \_\_\_\_\_ Name \_\_\_\_\_ Signature \_\_\_\_\_