



**Sample characterization survey in pig farms involved in Futur Agrari.**

## CHARACTERIZATION SURVEY IN FARMS

Identifier:

Date:

Interviewer:

GRANJA			
Farm		Owner	
Location		Main production	
Description			
Is it the main economic activity?			Photo farm
Who takes care of farm?			
Are you willing to improve management by making changes in feeding, facilities and management on farm?: <input type="checkbox"/> YES <input type="checkbox"/> NO			
Comments:			
Enterprise system:			
<input type="checkbox"/> Free <input type="checkbox"/> Cooperative: Name: <input type="checkbox"/> Integrated system: Name of integrative:			

**SIR data (Livestock Information System):**

<b>ID</b>	
<b>FARM NAME</b>	
<b>FARM ADDRESS</b>	
<b>ZIP CODE</b>	
<b>TERRITORIAL SERVICE</b>	
<b>X COORDINATE:</b>	
<b>Y COORDINATE:</b>	
<b>LENGTH:</b>	
<b>LATITUDE:</b>	
<b>KIND OF FARM:</b>	
<b>OWNERS NAME</b>	
<b>ADDRESS NAME</b>	
<b>ZIP CODE</b>	
<b>OWNERS TOWN</b>	
<b>PHONE</b>	
<b>EMAIL</b>	
<b>ANIMAL ESPECIES</b>	
<b>ZOOTECNICAL CLASSIFICATION</b>	

<b>PRODUCTIVE STATUS</b>	<b>HEAD OF LIVESTOCK NUMBER</b>
<b>Capacity Others</b>	
<b>Census Others</b>	
<b>Capacity Breeding</b>	
<b>Census Breeding</b>	
<b>Capacity Fattening</b>	
<b>Census Fattening</b>	
<b>Capacity sows</b>	
<b>Census Sows</b>	
<b>Capacity Males</b>	
<b>Census Males</b>	
<b>Capacity Isowean</b>	
<b>Census Isowean</b>	
<b>Capacity Replacement</b>	
<b>Census Replacement</b>	
<b>UPDATE CAPACITY</b>	
<b>CENSUS UPDATE</b>	





Drinker type: 1: Multidirectional action/ 2: with protection/ 3: Duck billed type/ 4: diffuser/ 5: equipped with a ball/ 6: arato-80/ 7: Hanging from the ceiling.

Photo outside building:	Photo silos:
Photo inside:	Photo pig group:
Photo feeding facilities:	Photo drinkers:



DESCRIPTION MANURE FACILITIES							
<b>Fattening</b>	<b>Building description</b>	Surface area type	Slat total <sup>2</sup> : m2				
			Slat partial m2		without Slat : <input type="checkbox"/>		
		Slat type	<b>Pit 1</b>	<b>Pit 2</b>	<b>Pit 3</b>	<b>Pit 4</b>	
			Concrete: <input type="checkbox"/> Plastic : <input type="checkbox"/> Iron: <input type="checkbox"/> Others:	Concrete: <input type="checkbox"/> Plastic : <input type="checkbox"/> Iron: <input type="checkbox"/> Others:	Concrete: <input type="checkbox"/> Plastic : <input type="checkbox"/> Iron: <input type="checkbox"/> Others:	Concrete: <input type="checkbox"/> Plastic : <input type="checkbox"/> Iron: <input type="checkbox"/> Others:	
	Pit dimensions	Perpendicular wall <input type="checkbox"/> / Diagonal <input type="checkbox"/>	Perpendicular wall <input type="checkbox"/> / diagonal <input type="checkbox"/>	Perpendicular wall <input type="checkbox"/> / diagonal <input type="checkbox"/>	Perpendicular wall <input type="checkbox"/> / diagonal <input type="checkbox"/>		
		Length: m	Length: m	Length: m	Length: m		
		Height : m	Height : m	Height : m	Height : m		
		Width: : m	Width: : m	Width: : m	Width: : m		
<b>Pond description</b>	Manure ponds type	<b>Pond 1</b>		<b>Pond 2</b>			
		Concrete: <input type="checkbox"/> Polyethylene: <input type="checkbox"/> Others: Open <input type="checkbox"/> Closed <input type="checkbox"/>		Concrete: <input type="checkbox"/> Polyethylene: <input type="checkbox"/> Others: Open <input type="checkbox"/> Closed <input type="checkbox"/>		Concrete: <input type="checkbox"/> Polyethylene: <input type="checkbox"/> Others: Open <input type="checkbox"/> Closed <input type="checkbox"/>	
	Pond Dimensions	Length: m	Length: m	Length: m			
		Height : m	Height : m	Height : m			
	Width: : m	Width: : m	Width: : m				
	Do you have separator?	<input type="checkbox"/> No <input type="checkbox"/> Yes      What kind?:					

<sup>2</sup> This section will be repeated for each building.



MANURE FACILITIES DESCRIPTION		
<b>Fattening</b>	Manure heap description	Kind Concrete: <input type="checkbox"/> Others: Is there Wall? :
	Dimensions	Wall height :            m Length:                    m Width: :                    m

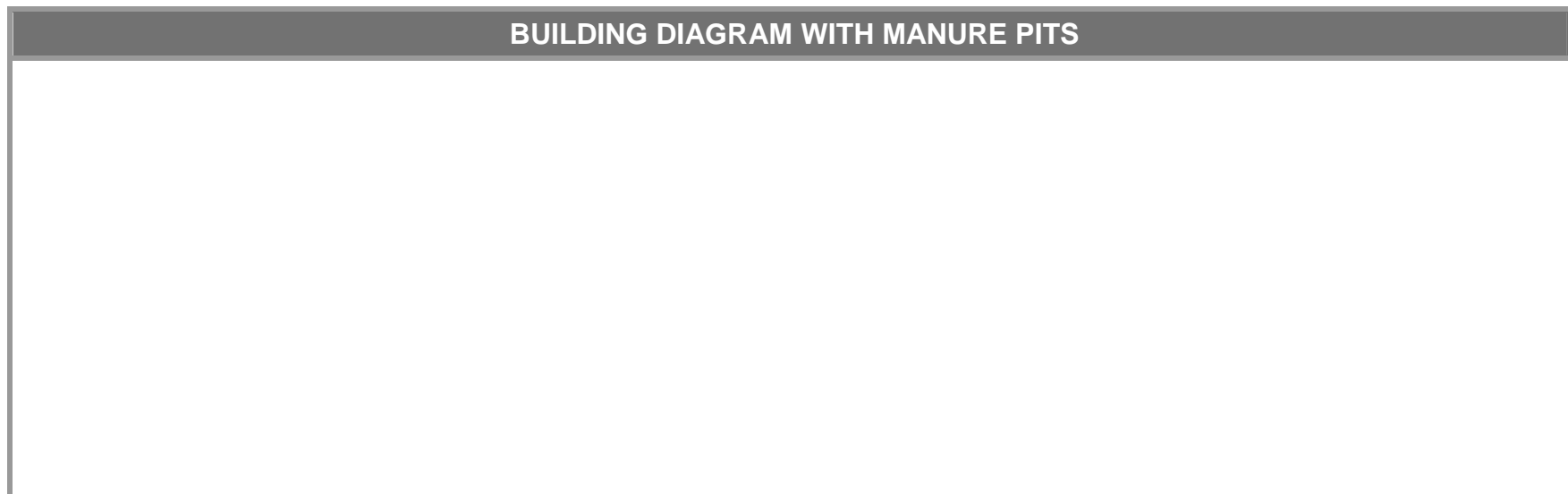


Photo building floor	Photo building slat
Photo pits:	Photo ponds:
Photo separator S/L	Photo manure heap:





FARM			
LIVESTOCK	Genetics	Genetic line used:	
		Average weight entrance: <span style="float: right;">Average weight way out:</span>	
		Does the carcass classification: <input type="checkbox"/> Yes <input type="checkbox"/> No Comments:	
	Health	Biosecurity measures	Mandatory step with shower: <input type="checkbox"/> Yes <input type="checkbox"/> No Comments: Vehicle disinfection <input type="checkbox"/> Yes <input type="checkbox"/> No Comments: Existence of fence: around the farm: <input type="checkbox"/> Yes <input type="checkbox"/> No around the slurry pond <input type="checkbox"/> Yes <input type="checkbox"/> No Manure separation <input type="checkbox"/> Yes <input type="checkbox"/> No Comments:
		Circovirus vaccination plan.	<input type="checkbox"/> Yes <input type="checkbox"/> No Comments:
		Mycoplasma vaccination plan	<input type="checkbox"/> Yes <input type="checkbox"/> No Comments:
PRRS:		<input type="checkbox"/> Yes <input type="checkbox"/> No Comments:	



FARM							
Feeding	General	Number of feeds by cycle:					
		Number of times the silo is filled by fattening					
		Number of silos by building:		Volume of silos:			
		System control feed consumption:					
		Manual <input type="checkbox"/> Automatic <input type="checkbox"/> Brief description:      Frequency:					
		Dry food <input type="checkbox"/> Semi-moist feed <input type="checkbox"/>					
	Do you have assigned a level of reduction? <input type="checkbox"/> Yes <input type="checkbox"/> No    Which?      %						
	Pensos		<b>Feed 1:</b>	<b>Feed 2:</b>	<b>Feed 3</b>	<b>Feed 4</b>	<b>Feed 5</b>
		Trade name feed					
		Feed presentation	Flour <input type="checkbox"/> Granulated <input type="checkbox"/> Extruded <input type="checkbox"/>	Flour <input type="checkbox"/> Granulated <input type="checkbox"/> Extruded <input type="checkbox"/>	Flour <input type="checkbox"/> Granulated <input type="checkbox"/> Extruded <input type="checkbox"/>	Flour <input type="checkbox"/> Granulated <input type="checkbox"/> Extruded <input type="checkbox"/>	Flour <input type="checkbox"/> Granulated <input type="checkbox"/> Extruded <input type="checkbox"/>
		Crude protein content (PB)					
		Phosphorus content (P)					
		Period of application (days)					
Consumption (animal/day)(kg)							



		Can you have the formulation and composition of feed used	<input type="checkbox"/> Yes <input type="checkbox"/> No Comments:	<input type="checkbox"/> Yes <input type="checkbox"/> No Comments:	<input type="checkbox"/> Yes <input type="checkbox"/> No Comments:	<input type="checkbox"/> Yes <input type="checkbox"/> No Comments:	<input type="checkbox"/> Yes <input type="checkbox"/> No Comments:
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FARM			
<b>Water</b>	<b>General</b>	Water source:	
		Have you done some analytical? <input type="checkbox"/> Yes <input type="checkbox"/> No    When the last time was?    What it was studied?	
		Does water meter?: <input type="checkbox"/> Yes <input type="checkbox"/> No    Where?: - In every building: <input type="checkbox"/> / one only in the farm <input type="checkbox"/>	
		What more water use on the farm? - Cooling <input type="checkbox"/> Yes <input type="checkbox"/> No;    is there any control?	
	<b>Water management</b>	Control	<input type="checkbox"/> NO    Why?
			<input type="checkbox"/> Yes    How?
		Cleaning system building	
		Does the cleaning is outsource? <input type="checkbox"/> NO <input type="checkbox"/> Yes    With who?	
		How often you clean?	
		Is used water for cooling? <input type="checkbox"/> NO <input type="checkbox"/> Yes    With whom?	
Water storm Separation of slurry pits <input type="checkbox"/> NO <input type="checkbox"/> Yes    If yes, Do they take advantage?			

FARM	
Manure	General
	Frequency of emptying of pits:
	Have you done some analytical? <input type="checkbox"/> Yes <input type="checkbox"/> No      When was the last time?      What it was studied?
	Frequency of cleaning of pits:
	Additive application into the pit: <input type="checkbox"/> Yes <input type="checkbox"/> No
	What kind of additives: Physic-chemical <input type="checkbox"/> Biological <input type="checkbox"/> Others <input type="checkbox"/> Trade name:
	Frequency of application:
	Reason for applying additives to the slurry:
	Do you know the slurry content generated annually into the farm: <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, how?: theoretical <input type="checkbox"/> ; Make a note of number of tanks <input type="checkbox"/> ; Others:
	Do you have problems with odors? <input type="checkbox"/> Yes <input type="checkbox"/> No <ul style="list-style-type: none"> <li>- Into the buildings <input type="checkbox"/></li> <li>- Around the farm <input type="checkbox"/></li> <li>- Have you had any neighbourhood complaints? <input type="checkbox"/></li> </ul>
Volume management	
Do you plan manure management? <input type="checkbox"/> NO <input type="checkbox"/> Yes How do you perform? :	
Is the planning suited with the daily manure management? <input type="checkbox"/> NO <input type="checkbox"/> Yes      What percentages match?	
Is the manure management outsourced? <input type="checkbox"/> NO <input type="checkbox"/> Yes      If yes, What percentage?      With who?	
Do you perform management outside agricultural framework: <input type="checkbox"/> NO <input type="checkbox"/> Yes      What amount?:      m <sup>3</sup> & kg N      With who?	

		Do you perform management inside agricultural framework: <input type="checkbox"/> NO <input type="checkbox"/> Yes What amount?: m <sup>3</sup> & kg N With who?
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PRÁCTICAS AGRÍCOLAS		
Fertilization	Do you calculate nutrients content when manure is applied?	<input type="checkbox"/> Yes <input type="checkbox"/> NO; If yes, How?
	Is the regulation of applicator/tractor according to crop needs and slurry concentration?	<input type="checkbox"/> Yes <input type="checkbox"/> NO; If yes, How?
	Do you make feed analysis?	<input type="checkbox"/> Yes <input type="checkbox"/> NO; If yes, How?