

Station expérimentale "Veaux de boucherie" Le Rheu

Absence of agricultural land

A - FARM

CHAPTER A0: General information

| ID. | Requisite | Data |
|-----|---|---|
| A01 | Contact person (name, email) | Christophe Martineau Farm Manager |
| A02 | Farm name | Le Rheu veal calf production experimental |
| A03 | Address and Country | Station expérimentale "veaux de boucherie" du Rheu Monvoisin, BP 67, 35652 Le Rheu Cedex |
| A04 | Experience in farm demonstration activities (years) | 40 years |
| A05 | Land drainage if yes, water collectors | <input type="checkbox"/> yes X no <input type="checkbox"/> yes X no |
| A06 | Practicability of fields in case of rain | <input type="checkbox"/> yes X no |

CHAPTER A1: Structure of the farm

| ID. | Requisite | Data |
|-----|---|--------------------------------------|
| A11 | Kind of soil (knowledge on soil analysis and composition) | <input type="checkbox"/> yes X no |
| A12 | Soil slope | Approx % : |
| A13 | Hedges and / or ecological infrastructures | <input type="checkbox"/> yes X no |
| A14 | Stable grassland | <input type="checkbox"/> yes X no |

CHAPTER A2: Focus on farm

| A26 Livestock | Organic | Others (please specify) |
|-------------------|---------|-------------------------|
| Calves 300 places | | Fattening |
| | | |
| | | |
| ... | | |
| Total | | |

| ID. | Requisite | Data |
|-----|--|--|
| A31 | Machines for soil tillage | <input type="checkbox"/> yes <input checked="" type="checkbox"/> no |
| A32 | Machines for weed control | <input type="checkbox"/> yes <input checked="" type="checkbox"/> no |
| A33 | Irrigation system(s) Please specify: | <input type="checkbox"/> yes <input checked="" type="checkbox"/> no |
| | | |
| | | |
| | | |
| A34 | Equipment with remote control Please specify: | <input type="checkbox"/> yes <input checked="" type="checkbox"/> no |
| | | |
| | | |
| | | |
| A35 | Livestock and pastures -Radio frequency ID : Transmit identity data with tags attached to production units (mostly animals) that allow data collection on performance as well as individualized management | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no |
| | -Automated milking, feeding, and monitoring systems : Perform milking or feeding operations automatically with robotic systems, often combined with sensors that collect basic biometric data on animals, thereby reducing labour needs and facilitating individualized animal management | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no |
| A36 | Precision farming facilities | |
| | -Precision Application technologies (If yes specify) -Data acquisition technologies (If yes please specify): -Data analysis & evaluation technologies (If yes specify): | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no Volume of body, weight, water, energy |
| | | |
| | | |
| A36 | -Others (specify) | |
| | | |
| | | |

CHAPTER A3: Description of farm equipment

CHAPTER A4: Description of facilities

| ID. | Requisite | Data | |
|-----|--|---|--|
| A41 | Irrigation connections on field head | <input type="checkbox"/> yes | <input checked="" type="checkbox"/> no |
| A42 | Electricity in field availability | <input checked="" type="checkbox"/> yes | <input type="checkbox"/> no |
| A43 | Electrical generator availability | <input checked="" type="checkbox"/> yes | <input type="checkbox"/> no |
| A44 | Availability of tractors / machines equipped with GPS system | <input type="checkbox"/> yes | <input checked="" type="checkbox"/> no |
| A45 | Availability of machines for harvest. If yes specify for which crop(s): | <input type="checkbox"/> yes | <input checked="" type="checkbox"/> no |
| | | | |
| | | | |
| | | | |
| A46 | Availability of refrigerated cells for storage and conservation | <input checked="" type="checkbox"/> yes | <input type="checkbox"/> no |
| A47 | Availability of mechanical workshop: fixing ups, soldering, etc. | <input checked="" type="checkbox"/> yes | <input type="checkbox"/> no |
| A48 | Availability of a storehouse with latch for equipment... | <input checked="" type="checkbox"/> yes | <input type="checkbox"/> no |
| A49 | Possibility of connection for data transmission (3G, 4G, others) a | <input checked="" type="checkbox"/> yes | <input type="checkbox"/> no |
| A50 | Other devices, data, equipment availability Please specify: | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| | | | |
| | | | |
| | | | |

CHAPTER A5: Other conditions

| ID. | Requisite | Data |
|---|--|---|
| A51 | Demo site profile: <ul style="list-style-type: none"> - Implementation of a solution in living conditions simply with practical feedbacks - Experimentation and test of the solution with technical/scientific support and assessment feed-backs - Existence of a formalized service offer | <p>X yes <input type="checkbox"/> no</p> <p>X yes <input type="checkbox"/> no</p> <p>X yes <input type="checkbox"/> no</p> |
| A52 | Conditioned access to particular equipment (please specify) In case of special equipments requiring a certified experience, the final user/SME should demonstrate a specific training / license to use it in compliance with National/local laws | <input type="checkbox"/> yes X no |
| | | |
| | | |
| A53 | Availability of experienced staff to carry out and support field test trials | X yes <input type="checkbox"/> no |
| | How many experimentation/demonstration activities are developed on average /year? | 6 |
| | How many qualified experts (technicians/researchers) are available? | 2 technicians 3 researchers |
| In case of field management by third part: | | |
| A54 | Possibility to lose part of the production based on reimbursement | X yes <input type="checkbox"/> no |
| A55 | Possibility to apply experimental protocols supplied by third parts | <input type="checkbox"/> yes X no |
| A56 | Possibility to host visitors during tests | X yes <input type="checkbox"/> no |
| A57 | Possibility to sign confidentiality contracts | X yes <input type="checkbox"/> no |
| A58 | | |

Presentation of the owner: introduction of the site and presentation of the owner motivation

A collective demo-tool for the professionals of the calves sector : Located near Rennes, the veal calf production experimental farm is part of an agronomic complex located around the laboratories of INRA (French National Institute for Agricultural Research). IDELE, the French Livestock Institute is at the head of the experimental program, in cooperation with all partners of the calves sector. Main working areas of the farm are: calves nutrition & breeding, health & animal welfare, products quality, environment, working conditions, livestock farmers' income. The farm also offers services to companies wishing to be accompanied in their innovation process, from the creation to the final evaluation, within the framework of private services. One future objective of the station is to be an example for the sector with a new building that is under study. This digital project aims to contribute to the development of prototypes, to test commercial solutions and to evaluate their technical and economic impact for the benefit of veal calf farmers. Today, the farm have 300 calves places divided into 5 experimental units from 56 to 70 places. The farm is equipped with 2 solar power stations to produce hot water and electricity, and an anaerobic digestion station.

B - POST-HARVEST PROCESSING UNITS & OTHERS

CHAPTER B0: General information

| ID. | Requisite | Data |
|-----|--|------|
| B01 | Contact person (name, email) | |
| B02 | Unit name | |
| B03 | Address and Country | |
| B04 | Experience in demonstration activities (years) | |
| B05 | Kind of units | |

CHAPTER B1: Structure of the unit

| ID. | Requisite | Data |
|-----|---|------|
| B11 | Physical description of the unit (location, geographical data, etc...) | |
| | | |

CHAPTER B2: Data about products/services

| Requisite | | | Data | |
|---|-----------------------|-------------------|-----------------------|-------------------|
| Description of products, semi-products, service or any output of your process | | | | |
| B21 Product | Production industry | | Experimental Industry | |
| | Organic origin (unit) | ICM Origin (unit) | Organic origin (unit) | ICM Origin (unit) |
| Product 1 | | | | Tomato sauces |
| Product 2 | | | | Fruit juices |
| Product 3 | | | | Wine |
| ... | | | | |
| Total (ha) | | | | |
| Particular standards / certification system (specify) | | | | |
| Other useful details (specify and describe) | | | | |