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## **LIFT large-scale farmer survey questionnaire**

Irene Tzouramani, Laure Latruffe, Vasilias Konstantidelli, Yann Desjeux, Alastair Bailey, Magdalena Bardouniotti, Andrew Barnes, Geneviève Bigot, K Hervé Dakpo, Sophia Davidova, et al.

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# LIFT

Low-Input Farming and Territories – Integrating knowledge for improving ecosystem based farming

Research and Innovation action: H2020 – 770747

Call: H2020-SFS-2016-2017

Type of action: Research and Innovation Action (RIA)

Work programme topic: SFS-29-2017

Duration of the project: 01 May 2018 – 30 April 2022

## LIFT large-scale farmer survey questionnaire

Irene Tzouramani <sup>1</sup> \*, Laure Latruffe <sup>2</sup>, Vasilia Konstantidelli <sup>1</sup>, Yann Desjeux <sup>2</sup>, Alastair Bailey <sup>3</sup>, Madalena Bardouniotti <sup>1</sup>, Andrew Barnes <sup>4</sup>, Genevieve Bigot <sup>5</sup>, Herve Dakpo <sup>2</sup>, Sophia Davidova <sup>3</sup>, Julie Duval <sup>2</sup>, Theresa Eichhorn <sup>6</sup>, Ludwig Gerner <sup>6</sup>, Stuart Henderson <sup>3</sup>, Nathalie Hostiou <sup>2</sup>, Philippe Jeanneaux <sup>5</sup>, Jochen Kantelhardt <sup>6</sup>, Vincent Larmet <sup>2</sup>, Sophie Legras <sup>2</sup>, Andreas Niedermayr <sup>6</sup>, Maria Luisa Paracchini <sup>7</sup>, Etienne Polge <sup>5</sup>, Carlo Rega <sup>7</sup>, Lena Schaller <sup>6</sup>, Alexandra Solomou <sup>1</sup>, Bethan Thompson <sup>4</sup>, Luiza Toma <sup>4</sup>, Sabine Treguer <sup>2</sup>, Joseph Tzanopoulos <sup>3</sup>, Lionel Vedrine <sup>2</sup>, Peter Walder <sup>6</sup>

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## DELIVERABLE D2.2

**Workpackage N°2**

**Due date:** M18

**Actual delivery date:** 19/08/2019

**Dissemination level:** Public

## About the LIFT research project

Ecological approaches to farming practices are gaining interest across Europe. As this interest grows there is a pressing need to assess the potential contributions these practices may make, the contexts in which they function and their attractiveness to farmers as potential adopters. In particular, ecological agriculture must be assessed against the aim of promoting the improved performance and sustainability of farms, rural environment, rural societies and economies, together.

The overall goal of LIFT is to identify the potential benefits of the adoption of ecological farming in the European Union (EU) and to understand how socio-economic and policy factors impact the adoption, performance and sustainability of ecological farming at various scales, from the level of the single farm to that of a territory.

To meet this goal, LIFT will assess the determinants of adoption of ecological approaches, and evaluate the performance and overall sustainability of these approaches in comparison to more conventional agriculture across a range of farm systems and geographic scales. LIFT will also develop new private arrangements and policy instruments that could improve the adoption and subsequent performance and sustainability of the rural nexus. For this, LIFT will suggest an innovative framework for multi-scale sustainability assessment aimed at identifying critical paths toward the adoption of ecological approaches to enhance public goods and ecosystem services delivery. This will be achieved through the integration of transdisciplinary scientific knowledge and stakeholder expertise to co-develop innovative decision-support tools.

The project will inform and support EU priorities relating to agriculture and the environment in order to promote the performance and sustainability of the combined rural system. At least 30 case studies will be performed in order to reflect the enormous variety in the socio-economic and bio-physical conditions for agriculture across the EU.

## Project consortium

| No. | Participant organisation name   | Country |
|-----|---|---------|
| 1   | <b>INRA – Institut National de la Recherche Agronomique</b>   | FR      |
| 2   | VetAgro Sup – Institut d’enseignement supérieur et de recherche en alimentation, santé animale, sciences agronomiques et de l’environnement | FR      |
| 3   | SRUC – Scotland’s Rural College   | UK      |
| 4   | Teagasc – Agriculture and Food Development Authority  | IE      |
| 5   | KU Leuven – Katholieke Universiteit Leuven  | BE      |
| 6   | SLU – Sveriges Lantbruksuniversitet   | SE      |
| 7   | UNIBO – Alma Mater Studiorum – Università di Bologna  | IT      |
| 8   | BOKU – Universitaet fuer Bodenkultur Wien   | AT      |
| 9   | UBO – Rheinische Friedrich-Wilhelms – Universität Bonn  | DE      |
| 10  | JRC – Joint Research Centre – European Commission   | BE      |
| 11  | IAE-AR – Institute of Agricultural Economics  | RO      |
| 12  | MTA KRTK – Magyar Tudományos Akadémia Közgazdaság – és Regionális Tudományi Kutatóközpont   | HU      |
| 13  | IRWiR PAN – Instytut Rozwoju Wsi i Rolnictwa Polskiej Akademii Nauk   | PL      |
| 14  | DEMETER – Hellinikos Georgikos Organismos – DIMITRA   | GR      |
| 15  | UNIKENT – University of Kent  | UK      |
| 16  | IT – INRA Transfert S.A.  | FR      |
| 17  | ECOZEPT Deutschland   | DE      |



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## List of acronyms and abbreviations

AES: Agri-Environment Schemes

GPS: Global Positioning System

IPM: Integrated Pest Management

IWM: Integrated Weed Management

LFA: Less Favoured Areas

PDO: Protected Designation of Origin

RTK: Real Time Kinetics

UAA: Utilised Agricultural Area

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## 1 Summary

This questionnaire is for the survey to farmers that is to be carried out in the LIFT project, to at least 1,500 farms across the European Union (EU) in the LIFT case study areas. The LIFT large-scale farmer survey represents a key task that provides value added to the LIFT project and informs EU policy analysis as a whole. The innovation is that it collects primary qualitative and quantitative data at the farm level, but also that data will be comparable across a large geographical area, across different production sectors, as well as across different farming practices/systems. The survey aims at collecting information that is not available in existing data sources, and that will be used in the analyses of the project.

## 2 Introduction

This questionnaire is for the survey to farmers that is to be carried out in the LIFT project, to at least 1,500 farms across the European Union in the LIFT case study areas. The survey aims at collecting information that is not available in existing data sources, and that will be used in the analyses of the project. The questionnaire focuses on ecological practices, as defined in the LIFT sense, see Deliverable 1.1. The information gathered relates to the practices used on the farm, the drivers behind the adoption of these practices, the farm's structural and economic characteristics, the on-farm labour force, the farmer's feeling towards future agricultural policies and general characteristics of the farmer and the farm.

## 3 Questionnaire



Please Add  
your Logo  
here

Logo of Partner

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### LIFT large-scale farmer survey questionnaire

|      | Data Collection Information  |
|------|--|
| Q0_0 | <b>Farm ID:</b> _____<br><i>This ID is specific for this survey and is provided by the surveyor. If you do not have, leave blank.</i>  |
| Q0_1 | <b>Who is collecting the data for this survey? (multiple selections allowed)</b><br><input type="checkbox"/> The farmer him/herself<br><input type="checkbox"/> Surveyor from research staff<br><input type="checkbox"/> Student surveyor<br><input type="checkbox"/> Surveyor from survey company |
| Q0_2 | <b>How is the data collected? (multiple selections allowed)</b><br><input type="checkbox"/> Interview face-to-face<br><input type="checkbox"/> Phone interview<br><input type="checkbox"/> Pen and paper<br><input type="checkbox"/> Internet  |
| Q0_3 | <b>When is the data collected? (DD/MM/YYYY)</b><br>_____   |



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## Introductory note

In a changing policy environment, farmers are increasingly being rewarded for farming in a way that provides public goods. Public goods provide environmental benefits such as improved soil or water quality, conserving biodiversity, or reducing greenhouse gas emissions. They also include social benefits such as animal health and welfare, promoting social capital in rural communities, or maintaining the rural landscape and heritage.

Some farming practices have been linked to the generation of public goods more than others such as practices that minimise the use of inputs, for example, pesticides or chemical fertilisers, or that promote biodiversity. These practices are common in organic or agro-ecological farming systems, but also in more conventional farming systems, and include the use of precision technologies or integrated pest management.

We will refer to these practices as **ecological farming practices** throughout this survey.

We are interested in finding out how widespread these practices are across **[Name of the country]**, what factors influence their adoption, and what might encourage their adoption in the future.

The information you provide will enable a better understanding of the benefits and challenges to adopting more ecological practices and what support mechanisms might be required to further enable their uptake.

Please note the information you supply is entirely confidential, your identity remains anonymous, and the data obtained is downloaded onto a secure server and not distributed to third parties.

*[Add thanks and link to GDPR information sheet]*

- ❖ The survey should be answered by the **decision maker of the farm**, or any of the decision makers of the farm if there are several.
- ❖ The questions relate to **the year 2018**. It may be the calendar year (January to December), the seasonal year or the tax year: it is up to you to decide which year is best suited for your case, but the year should be 12 months long.

## Section 1

### General characteristics of the farmer and the farm

#### Farm characteristics

|              |  |  |
|--------------|--|--|
| <b>Q 1</b>   | <b>Where is most of the farm located?</b>                  |  |
| Q1_1         | <b>Country</b>   |  |
| Q1_2         | <b>NUTS3 code or the name of the administrative region</b> |  |
| <i>Notes</i> | <i>To be filled in by surveyor or list of options</i>      |  |

|              |   |  |
|--------------|---|--|
| <b>Q 2</b>   | <b>Is part or all of your farm located in:</b>                        |  |
| Q2_1         | Less favoured areas (LFA)   | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Q2_2         | Natura 2000 area (FADN Code: 190)                                     | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Q2_3         | Water Directive (2000/60/EC) area (FADN Code: 200)                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <i>Notes</i> | <i>Could be filled in by surveyor on the basis of secondary data.</i> |  |

|              |  |  |
|--------------|--|--|
| <b>Q 3</b>   | <b>Indicate the altitude of most of your farm:</b>   |  |
|              | <input type="checkbox"/> Most of the farmland below 300 m<br><input type="checkbox"/> Most of the farmland at 300 m to 600 m<br><input type="checkbox"/> Most of the farmland at 600 m or over |  |
| <i>Notes</i> | <i>Could be filled in by surveyor on the basis of secondary data.</i>  |  |

|              |  |  |
|--------------|--|--|
| <b>Q 4</b>   | <b>Indicate average annual precipitation on your farm from 2016 to 2018:</b>   |  |
|              | <input type="checkbox"/> < 200 mm<br><input type="checkbox"/> 200 – 399 mm<br><input type="checkbox"/> 400 – 599 mm<br><input type="checkbox"/> 600 – 799 mm<br><input type="checkbox"/> 800 - 1000 mm<br><input type="checkbox"/> > 1000 mm |  |
| <i>Notes</i> | <i>Could be filled in by surveyor on the basis of secondary data.</i>  |  |

|              |  |  |
|--------------|--|--|
| <b>Q 5</b>   | <b>Would you say the average soil quality on your farm is:</b>   |  |
|              | <input type="checkbox"/> Very good<br><input type="checkbox"/> Good<br><input type="checkbox"/> Poor<br><input type="checkbox"/> Very poor   |  |
| <i>Notes</i> | <i>Could be filled in by surveyor on the basis of secondary data. If the information is not available beforehand to the surveyor, this is the own perception of the farmer of his/her farm. There may be diverse soil quality on the farm, and we are looking for an average for the whole farm.</i> |  |

|            |  |
|------------|--|
| <b>Q 6</b> | <b>In 2018, what was the management structure of the farm?</b>   |
|            | <input type="checkbox"/> Individual (family) farm / sole holder<br><input type="checkbox"/> Partnership (several business partners manage the farm)<br><input type="checkbox"/> Company (not partnership) with profit objective<br><input type="checkbox"/> Company (not partnership) with non-profit objective<br><input type="checkbox"/> Other; please specify: / _____ / |

|              |   |
|--------------|---|
| <b>Q 7_1</b> | <b>Indicate the main production type of your farm in 2018</b>   |
|              | <input type="checkbox"/> Specialist cereal, oilseed and protein crops<br><input type="checkbox"/> Specialist other fieldcrops (dry pulses, potatoes, sugar beet, fibre crops, hop, tobacco, cotton, sugar can, other industrial crops, root crops, field vegetables)<br><input type="checkbox"/> Specialist horticulture<br><input type="checkbox"/> Specialist wine<br><input type="checkbox"/> Specialist orchards (excluding olives)<br><input type="checkbox"/> Specialist olives<br><input type="checkbox"/> Specialist dairy milk<br><input type="checkbox"/> Specialist cattle<br><input type="checkbox"/> Specialist sheep and goats<br><input type="checkbox"/> Specialist poultry<br><input type="checkbox"/> Specialist pigs<br><input type="checkbox"/> Mixed crops<br><input type="checkbox"/> Mixed livestock<br><input type="checkbox"/> Mixed crops and livestock<br><input type="checkbox"/> Other |
| <b>Q7_2</b>  | <b>Did your farm have livestock in 2018?</b>  |
|              | <input type="checkbox"/> Yes <input type="checkbox"/> No  |
| <b>Q7_2a</b> | If no, do you plan to introduce any livestock in the next 5 years?  |
|              | <input type="checkbox"/> Yes <input type="checkbox"/> No  |
| <b>Notes</b> | <i>Q7_1 and Q7_2 could be filled in by surveyor on the basis of secondary data. If the information is not available beforehand to the surveyor, this is the own perception of the farmer based on the main source of revenue from production.</i>   |

|              |   |                           |                             |                          |
|--------------|---|---------------------------|-----------------------------|--------------------------|
| <b>Q 8</b>   | <b>Have you participated in agri-environment schemes (AES)?</b> |                           |                             |                          |
|              |   | [A] Participating in 2018 | [B] Previously participated | [C] Never Participated   |
| <b>Q8_1</b>  | Organic AES   | <input type="checkbox"/>  | <input type="checkbox"/>    | <input type="checkbox"/> |
| <b>Q8_2</b>  | Other AES   | <input type="checkbox"/>  | <input type="checkbox"/>    | <input type="checkbox"/> |
| <b>Notes</b> | <i>Examples of national AES to be provided by surveyor.</i>     |                           |                             |                          |



| Q 9   |  | Have you participated in any of the following certification schemes? |                                |                           |
|-------|--|--|--------------------------------|---------------------------|
|       |  | [A]<br>Participating in<br>2018                                      | [B] Previously<br>participated | [C] Never<br>participated |
| Q9_1  | European Protected Designation of Origin (PDO)                               | <input type="checkbox"/>   | <input type="checkbox"/>       | <input type="checkbox"/>  |
| Q9_2  | European organic certification   | <input type="checkbox"/>   | <input type="checkbox"/>       | <input type="checkbox"/>  |
| Q9_3  | Other eco labels/standards<br>Specify the scheme: / _____ /                  | <input type="checkbox"/>   | <input type="checkbox"/>       | <input type="checkbox"/>  |
| Notes | <i>Examples of national eco labels/standards to be provided by surveyor.</i> |  |                                |                           |

| Q 10   |  | What was your total farm turnover * in 2018?   |   |
|--------|--|--|---|
| Q10_1  | _____  | Specify the currency:  |   |
|        |  | To whom in the supply chain did you sell your products in 2018?<br>Please estimate the percentage of your turnover * via each channel in 2018. |   |
| Q10_2a | Retailer *   | _____  | % |
| Q10_2b | Processor  | _____  | % |
| Q10_2c | Wholesaler/Merchant *  | _____  | % |
| Q10_2d | Direct to consumer   | _____  | % |
| Q10_2e | Producer organisations/Agricultural cooperatives/Other collectors  | _____  | % |
| Q10_2f | Other  | _____  | % |
| Notes  | <p><i>*Turnover represents farm's income from net sales plus payments/subsidies before costs/taxes.</i></p> <p><i>*Retailers sell directly to end consumers.</i></p> <p><i>*Wholesalers or merchants do not sell directly to end consumers. They are the equivalent position in the supply chain of cooperatives but with a different structure.</i></p> |  |   |



| Q 11   |  | Please indicate your land use for the year 2018          |    |
|--|--|--|----|
| Q11  | <b>TOTAL Utilised Agricultural Area (UAA)</b> (all agricultural area, including arable, grassland, vegetables, orchards etc.)<br>Including (1), (2), (3), (4) and (5) below                  |  | Ha |
| Q11_0  | Do you intend to increase your UAA in the next 5 years?  | <input type="checkbox"/> Yes <input type="checkbox"/> No |    |
| Please specify below the various parts of your area in 2018: |  |  |    |
| Q11_1  | (1) Total <b>arable area</b> (this includes area for arable crops, permanent and temporary grassland, and vegetables and fruits that are not part of perennial crop area, e.g. strawberries) |  | Ha |
| Q11_1a   | ➔ Thereof arable land for temporary grassland-type forage production (such as clover grass, alfalfa, feeding rye, other grass, where arable land is only ploughed every couple of years)     |  | Ha |
| Please specify the use of this temporary grassland:          |  |  |    |
| Q11_1ai  | Type of use (if both apply, select both): <input type="checkbox"/> Cutting <input type="checkbox"/> Grazing  |  |    |
| Q11_1aii   | Intensity*: <input type="checkbox"/> up to 2 uses/year <input type="checkbox"/> more than 2 uses/year  |  |    |
| Q11_2  | (2) Total <b>permanent grassland area</b> * (on permanent grassland no ploughing takes place ever)   |  | Ha |
| Thereof...   |  |  |    |
| Q11_2a   | ➔ (a) permanent grassland area with pure meadows * (only cut) thereof...   |  | Ha |
| Q11_2ai  | ➔ (i) area with meadows with up to 2 cuts per year   |  | Ha |
| Q11_2b   | ➔ (b) permanent grassland area with pure pastures * (only grazed) thereof...   |  | Ha |
| Q11_2bi  | ➔ (i) area with continuous grazing/pasture *   |  | Ha |
| Q11_2bii   | ➔ (ii) area with strip grazing pasture *   |  | Ha |
| Q11_2biii  | ➔ (iii) area with paddock grazing *  |  | Ha |
| Q11_2c   | ➔ (c) permanent grassland area with mixed use (grazed and cut) thereof...  |  | Ha |
| Q11_2ci  | ➔ (i) area with meadows/pastures with up to 2 uses per year  |  | Ha |
| Q11_3  | (3) Total <b>perennial crops area</b> :  |  | Ha |
| Thereof...   |  |  |    |
| Q11_3a   | ➔ (a) area with orchards, excluding olives (e.g. apples, oranges, perennial berries)   |  | Ha |
| Q11_3ai  | Year of plantation of major part of orchards (YYYY)  |  |    |
| Q11_3aii   | Density: average number of trees per Ha  |  |    |
| Q11_3b   | ➔ (b) area with olive groves   |  | Ha |
| Q11_3bi  | Year of plantation of major part of olive groves (YYYY)  |  |    |
| Q11_3bii   | Density: average number of trees per Ha  |  |    |
| Q11_3c   | ➔ (c) area with vineyards  |  | Ha |
| Q11_3ci  | Year of plantation of major part of vineyards (YYYY)   |  | Ha |
| Q11_3cii   | Density: average number of vinestock per Ha  |  |    |
| (4) <b>Fallow area</b> :                                     |  |  |    |
| Q11_4a   | UAA left fallow permanently  |  | Ha |
| Q11_4b   | UAA left fallow in 2018 (i.e. not including UAA left fallow permanently)   |  | Ha |

|       |  |    |
|-------|--|----|
| Q11_5 | (5) <b>Forest/Wooded area</b> on UAA (e.g. tree nursery, energy wood, coppices etc)  | Ha |
| Q11_6 | Forest/wooded area <b>not</b> in UAA (not part of UAA, not part of arable land nor of grassland)   | Ha |
| Notes | <p>* When indicating the intensity of the arable land for temporary grassland-type forage production, please ADD uses for cutting AND uses for grazing (e.g. 1 cutting and 2 grazing: tick “more than 2 uses/year”).</p> <p><b>Permanent grassland:</b> land used permanently (for several - usually more than five - consecutive years) to grow herbaceous forage crops, through cultivation (sown) or naturally (self-seeded); not included in the crop rotation scheme.</p> <p><b>Pure meadow:</b> grassland that has been harvested predominantly by mowing over the last 5 years or since the establishment of the sward if it is less than 5 years old.</p> <p><b>Pure pasture:</b> grassland that has been harvested predominantly by grazing over the last 5 years or since the establishment of the sward if it is less than 5 years old.</p> <p><b>Continuous grazing/pasture:</b> Continuous grazing is a one-pasture system in which livestock have unrestricted access to the pasture area throughout the grazing season. It is a simple system to implement and manage, with minimal capital investment and movement of animals.</p> <p><b>Strip grazing pasture:</b> Strip grazing is a grazing management system that involves giving livestock a fresh allocation of pasture each day. It is usually organised within a paddock grazing system and the animals are controlled by the use of an electric fence.</p> <p><b>Paddock grazing/Intensive rotational grazing:</b> Intensive rotational grazing is a system with many pastures, oftentimes called paddocks or cells. Livestock are moved from paddock to paddock based on forage growth and utilisation. The number of paddocks and frequency of rotation depend upon many factors, including the type (e.g. cattle, sheep) and class (e.g. dairy cows, heifers, bulls) of livestock and production goals of the manager.</p> |    |

|             |  |         |
|-------------|--|---------|
| <b>Q 12</b> | <b>Please specify the amount of utilised agricultural area (UAA) in 2018 that you:</b> |         |
| Q12_1       | Owned  | _____Ha |
| Q12_2       | Rented in  | _____Ha |
| Q12_3       | Rented out   | _____Ha |

|             |  |
|-------------|--|
| <b>Q 13</b> | <b>Do you plan to continue farming on the farm in the next five years?</b>   |
|             | <input type="checkbox"/> Yes, I plan to continue farming on the farm for the next five years<br><input type="checkbox"/> No, the farm will be continued by family member(s)<br><input type="checkbox"/> No, the farm will be continued outside the family<br><input type="checkbox"/> Too early to say |



| Q 14 Composition of total net household income * in 2018   |  |  |         |
|--|--|--|---------|
| [A] Please tick the types of income which was relevant for your household in 2018.<br>Please think of all persons contributing to your household income (e.g. partner, children, etc.)<br>Multiple selections allowed. |  | [B] Please estimate, how much did this component contributed to the total net household income (sum =100%) |         |
| Q14_1  | Net household income from farming (without forestry, agri-tourism and contract work which are listed in Q14_2 to Q14_4)<br><i>(includes all income from on-farm agricultural crop and animal production (e.g. direct sales of products), and all farming-related subsidies (e.g. CAP Pillar 1, CAP Pillar 2, Natura 2000, non EU subsidies, etc.)</i>  | <input type="checkbox"/>   | _____ % |
| Q14_2  | Net household income from forestry<br><i>(includes all income from own forestry, and the forestry-related subsidies)</i>   | <input type="checkbox"/>   | _____ % |
| Q14_3  | Net household income from agri-tourism/gastronomy<br><i>(includes all income from e.g. renting out rooms to tourists, gastronomy, etc.)</i>  | <input type="checkbox"/>   | _____ % |
| Q14_4  | Net household income from agricultural/forestry contract work for others<br><i>(includes e.g. paid agricultural/forestry/municipality work via machinery ring, etc.)</i>   | <input type="checkbox"/>   | _____ % |
| Q14_5  | Net household income from off-farm employment<br><i>(includes all income from paid non-agricultural work e.g. for a company, institution, etc.)</i>  | <input type="checkbox"/>   | _____ % |
| Q14_6  | Other source of net household income<br><i>(e.g. health care, child education, arts and crafts, land/building/machinery rentals, financial earnings, etc.)</i><br><br>(specify: / _____ /)   | <input type="checkbox"/>   | _____ % |
| Notes  | <p>* <b>Total household income</b> is a measure of the combined incomes of all people belonging to the household**. It includes every form of income, e.g. farm income, salaries and wages from off-farm employment, retirement income, investment gains, etc.</p> <p>* <b>Total NET household income</b> is total household income, after taxes and mandatory contributions (e.g. social-security) have been deducted.</p> <p>** A <b>household</b> consists of one or more people who live in the same home and share meals.</p> |  |         |



Human capital of the farm

|              |  |
|--------------|--|
| <b>Q 15</b>  | <b>Besides you, how many family members (paid and unpaid) 16 years or older, worked on the farm in 2018?</b> |
|              | _____  |
| <i>Notes</i> | <i>If none (that is to say if you were the only one working), then indicate 0.</i>                           |

| Family human capital (paid and unpaid)  |   |  |             |  |  |   |   |  |   |   |   |                  |
|---|---|--|-------------|--|--|---|---|--|---|---|---|------------------|
| <i>To be filled only for those family members 16 years or older working on the farm</i> | Q15_1   | Q15_2  | Q15_3       | Q15_4                                      | Q15_5  | Q15_6   | Q15_7   | Q15_8  | Q15_9   | If yes:   |   |                  |
|   | Gender *<br>See codes below   | Education *<br>See codes below   | Age (Years) | Number of years of agricultural experience | Is this person a decision maker on the farm?   | When did you start as a decision maker on this farm? (YYYY) | Number of hours per week (including week-ends) working on farm on average in 2018 | Number of weeks (including week-ends) vacation in 2018 | Was the person paid in 2018?                                | Q15_10  | Q15_11  | Q15_txt          |
|   |   |  |             |  |  |   |   |  |   | Average gross wage (before tax) per week or per month in 2018 | Specify if per week or per month  | Specify currency |
| [A] You   | <input type="checkbox"/> F<br><input type="checkbox"/> M<br><input type="checkbox"/> NR | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3<br><input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6<br><input type="checkbox"/> 7 |             |  | <input type="checkbox"/> Yes, sole<br><input type="checkbox"/> Yes, joint<br><input type="checkbox"/> No |   |   |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |   | <input type="checkbox"/> Per week<br><input type="checkbox"/> Per month |                  |
| [B] Family member   | <input type="checkbox"/> F<br><input type="checkbox"/> M<br><input type="checkbox"/> NR | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3<br><input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6<br><input type="checkbox"/> 7 |             |  | <input type="checkbox"/> Yes, sole<br><input type="checkbox"/> Yes, joint<br><input type="checkbox"/> No |   |   |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |   | <input type="checkbox"/> Per week<br><input type="checkbox"/> Per month |                  |



|                   |   |  |  |  |  |  |  |   |  |   |  |
|-------------------|---|--|--|--|--|--|--|---|--|---|--|
| [C] Family member | <input type="checkbox"/> F<br><input type="checkbox"/> M<br><input type="checkbox"/> NR | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3<br><input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6<br><input type="checkbox"/> 7 |  |  | <input type="checkbox"/> Yes, sole<br><input type="checkbox"/> Yes, joint<br><input type="checkbox"/> No |  |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Per week<br><input type="checkbox"/> Per month |  |
| [D] Family member | <input type="checkbox"/> F<br><input type="checkbox"/> M<br><input type="checkbox"/> NR | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3<br><input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6<br><input type="checkbox"/> 7 |  |  | <input type="checkbox"/> Yes, sole<br><input type="checkbox"/> Yes, joint<br><input type="checkbox"/> No |  |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Per week<br><input type="checkbox"/> Per month |  |
| [E] Family member | <input type="checkbox"/> F<br><input type="checkbox"/> M<br><input type="checkbox"/> NR | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3<br><input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6<br><input type="checkbox"/> 7 |  |  | <input type="checkbox"/> Yes, sole<br><input type="checkbox"/> Yes, joint<br><input type="checkbox"/> No |  |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Per week<br><input type="checkbox"/> Per month |  |
| [F] Family member | <input type="checkbox"/> F<br><input type="checkbox"/> M<br><input type="checkbox"/> NR | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3<br><input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6<br><input type="checkbox"/> 7 |  |  | <input type="checkbox"/> Yes, sole<br><input type="checkbox"/> Yes, joint<br><input type="checkbox"/> No |  |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Per week<br><input type="checkbox"/> Per month |  |
| [G] Family member | <input type="checkbox"/> F<br><input type="checkbox"/> M<br><input type="checkbox"/> NR | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3<br><input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6<br><input type="checkbox"/> 7 |  |  | <input type="checkbox"/> Yes, sole<br><input type="checkbox"/> Yes, joint<br><input type="checkbox"/> No |  |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Per week<br><input type="checkbox"/> Per month |  |
| [H] Family member | <input type="checkbox"/> F<br><input type="checkbox"/> M<br><input type="checkbox"/> NR | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3<br><input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6<br><input type="checkbox"/> 7 |  |  | <input type="checkbox"/> Yes, sole<br><input type="checkbox"/> Yes, joint<br><input type="checkbox"/> No |  |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Per week<br><input type="checkbox"/> Per month |  |
| [I] Family member | <input type="checkbox"/> F<br><input type="checkbox"/> M<br><input type="checkbox"/> NR | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3<br><input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6<br><input type="checkbox"/> 7 |  |  | <input type="checkbox"/> Yes, sole<br><input type="checkbox"/> Yes, joint<br><input type="checkbox"/> No |  |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Per week<br><input type="checkbox"/> Per month |  |
| [J] Family member | <input type="checkbox"/> F<br><input type="checkbox"/> M<br><input type="checkbox"/> NR | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3<br><input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6<br><input type="checkbox"/> 7 |  |  | <input type="checkbox"/> Yes, sole<br><input type="checkbox"/> Yes, joint<br><input type="checkbox"/> No |  |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Per week<br><input type="checkbox"/> Per month |  |

Notes

\* **Gender:** *F: Female, M: Male, NR: Don't prefer to say*

\* **Education codes:** *1: No schooling, 2: Primary school, 3: Middle or secondary school, 4: High school or sixth form college – agricultural, 5: High school or sixth form college – non-agricultural, 6: University – agricultural, 7: University – non-agricultural*



**Q 16** Number of non-family hired workers (including seasonal workers) on the farm in 2018: \_\_\_\_\_

If the answer to Q16 is 0, go directly to  **Q19.**

| Q 17 Farm employment for non-family hired workers (including seasonal workers) |  |   |   |   |  |   |                  |  |
|--|--|---|---|---|--|---|------------------|--|
| Q17_1  | Q17_2  | Q17_3   | Q17_4   | Q17_5   | Q17_6  | Q17_7   | Q17_txt          | Q17_8  |
| Share of non-family workers per gender   | Share of non-family workers per education  | Number of years of agricultural experience: average over all non-family workers | Average number of hours per week (including week-ends) working on farm in 2018: average over all non-family workers | Number of weeks (including week-ends) vacation in 2018: average over all non-family workers | Average gross wage (before tax) per week or per month in 2018: average over all non-family workers | Specify if per week or per month  | Specify currency | Share of non-family workers who travelled from another country |
| _____ % Female<br>_____ % Male<br>_____ % Don't prefer to say                  | _____ % No schooling<br>_____ % Primary school<br>_____ % Middle or secondary school<br>_____ % High school or sixth form college-agricultural<br>_____ % High school or sixth form college-non-agricultural<br>_____ % University – agricultural<br>_____ % University – non-agricultural |   |   |   |  | <input type="checkbox"/> Per week<br><input type="checkbox"/> Per month |                  | _____ %  |

|             |  |  |
|-------------|--|--|
| <b>Q 18</b> | <b>Out of the non-family hired workers, did you employ seasonal workers in 2018?</b> |  |
|             | <input type="checkbox"/> Yes <input type="checkbox"/> No                             |  |
|             | If yes:  |  |
| Q18_1       | In 2018, how many?   | _____ number of seasonal workers                         |
| Q18_2       | In 2018, how long for?   | _____ average number of weeks worked per seasonal worker |

|             |   |                                      |                                      |   |                                   |                                   |
|-------------|---|--------------------------------------|--------------------------------------|---|-----------------------------------|-----------------------------------|
| <b>Q 19</b> | <b>If it were possible, how would you improve the working conditions on the farm?</b> |                                      |                                      |   |                                   |                                   |
|             |   | <b>Strongly disagree</b><br><b>1</b> | <b>Somewhat disagree</b><br><b>2</b> | <b>Neither agree nor disagree</b><br><b>3</b> | <b>Somewhat agree</b><br><b>4</b> | <b>Strongly agree</b><br><b>5</b> |
| Q19_1       | Reduce the workload generally   | <input type="checkbox"/>             | <input type="checkbox"/>             | <input type="checkbox"/>                      | <input type="checkbox"/>          | <input type="checkbox"/>          |
| Q19_2       | Reduce the intensity of work at certain times of the year                             | <input type="checkbox"/>             | <input type="checkbox"/>             | <input type="checkbox"/>                      | <input type="checkbox"/>          | <input type="checkbox"/>          |
| Q19_3       | Reduce the level of physical work   | <input type="checkbox"/>             | <input type="checkbox"/>             | <input type="checkbox"/>                      | <input type="checkbox"/>          | <input type="checkbox"/>          |
| Q19_4       | Reduce the amount of mental workload  | <input type="checkbox"/>             | <input type="checkbox"/>             | <input type="checkbox"/>                      | <input type="checkbox"/>          | <input type="checkbox"/>          |
| Q19_5       | Reduce the isolation from working on the farm   | <input type="checkbox"/>             | <input type="checkbox"/>             | <input type="checkbox"/>                      | <input type="checkbox"/>          | <input type="checkbox"/>          |

## Section 2

### Current and future production practices



Please answer **all questions** with color coded blue. That is to say:

- Q20 to Q25
- Q28
- Q29
- Q38 to Q43



If your farm grew **CROPS** (temporary and permanent grassland excluded) in 2018, please also answer questions colour coded yellow.

That is to say:

- Q26
- Q27

If your farm had **GRASSLAND** (temporary or permanent) in 2018, please also answer questions colour coded green.

That is to say:

- Q30

If your farm had **LIVESTOCK** in 2018, please also answer questions colour coded red.

That is to say:

- Q31 to Q37

*Pest and plant disease management*

| Q 20  | [A] In 2018 did you use the following pest control products to manage pests and plant diseases? |  | [B] When did you start using these products?                                     | [C] Across what % of your UAA did you apply these products in 2018?  | [D] Quantity applied in 2018: on average, was it lower than recommended by manufacturer? | [E] In the next five years do you plan to change the practice that you use? (changes may relate to the UAA across which the practice is applied or the quantity applied) |
|-------|---|--|--|--|--|--|
|       | <p><b>If No ► go to column [E] where you should select between options 3 and 4</b></p>          |  | 1– Less than 5 years ago<br>2– 5-10 years ago<br>3– More than 10 years ago       | 1- ≤5%<br>2- >5% ≤ 25%<br>3- >25% ≤ 50%<br>4- >50% ≤ 75%<br>5- >75% ≤ 100%   |  | 1-Reduce<br>2-Stop<br>3-No change<br>4-Start<br>5-Increase   |
| Q20_1 | Chemical products (insecticides/fungicides)   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> Yes <input type="checkbox"/> No                                 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5                                   |
| Q20_2 | Chemical products allowed by organic regulation   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> Yes <input type="checkbox"/> No                                 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5                                   |



| Q 21  | [A] In 2018 did you use any alternative methods to control pests and plant diseases e.g. biological controls or variety selection?   | [B] When did you start using this practice?                                      | [C] Across what % of your UAA did you apply this practice in 2018?   | [D] What was the origin of input that you used in 2018?                                    | [E] In the next five years do you plan to change the practice that you use? (changes may relate to the UAA across which the practice is applied or the quantity applied) |
|-------|--|--|--|--|--|
|       | <b>If No ► go to column [E] where you should select between options 3 and 4</b>  | 1- Less than 5 years ago<br>2- 5 -10 years ago<br>3- More than 10 years ago      | 1- ≤5%<br>2- >5% ≤ 25%<br>3- >25% ≤ 50%<br>4- >50% ≤ 75%<br>5- >75% ≤ 100%   | 1-From within the farm<br>2- From neighbouring farms<br>3- Elsewhere<br>(Multiple allowed) | 1-Reduce<br>2-Stop<br>3-No change<br>4-Start<br>5-Increase   |
| Q21_1 | Biological controls* <input type="checkbox"/> Yes <input type="checkbox"/> No  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3           | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5                                   |
| Q21_2 | Pest/disease resistant/tolerant varieties <input type="checkbox"/> Yes <input type="checkbox"/> No   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5                                   |
| Q21_3 | Other (specify: / _____ /) <input type="checkbox"/> Yes <input type="checkbox"/> No  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3           | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5                                   |
| Notes | * Examples of <b>biological controls</b> include: beneficial predators / parasitoids, pathogens** (bacteria, fungi, viruses), sexual confusion / use of pheromones, use of trap plants. ** Examples of <b>pathogens</b> include: <i>Bacillus thuringiensis</i> , <i>Ampelomyces quisqualis</i> , <i>Aureobasidium pullulans</i> , <i>Bacillus amyloliquefaciens</i> , <i>Bacillus firmus</i> , <i>Bacillus subtilis</i> , <i>Bacillus pumilis</i> , <i>Coniothyrium minitans</i> , <i>Paecilomyces lilacinus</i> , <i>Pythium oligandrum</i> , <i>Trichoderma harzianum</i> , <i>Streptomyces griseoviridis</i> , <i>Trichoderma asperellum</i> , <i>Trichoderma harzianum</i> . Examples of commercial names: AQ 10 WG, Botector, Amylo-X, Flocter, Serenade Max, Serenade Natria, Contans WG, Bioact WG, Polyversum, MicoSTOP, Patriot Dry, Remedier, Rootshield, Trium G. |  |  |  |  |

| Q 22  | [A] In 2018 did you use any of the following to inform your decision making on pest management?  | [B] When did you start using this practice?                                      | [C] Across what % of your UAA did you apply this practice in 2018?   | [D] In the next five years do you plan to change the practice that you use? (changes relate to the UAA to which the practice is applied) |
|-------|--|--|--|--|
|       | <b>If No ► go to column [D] where you should select between options 3 and 4</b>  | 1- Less than 5 years ago<br>2- 5 -10 years ago<br>3- More than 10 years ago      | 1- ≤5%<br>2- >5% ≤ 25%<br>3- >25% ≤ 50%<br>4- >50% ≤ 75%<br>5- >75% ≤ 100%   | 1-Reduce<br>2-Stop<br>3-No change<br>4-Start<br>5-Increase   |
| Q22_1 | Integrated pest management principles (IPM)* <input type="checkbox"/> Yes <input type="checkbox"/> No  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5   |
| Q22_2 | Precision technologies* <input type="checkbox"/> Yes <input type="checkbox"/> No   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5   |
| Notes | * <b>IPM principles</b> may include use of models to predict pest outbreaks, on field monitoring to detect pest presence and abundance, models to help decide when to apply insecticides e.g. above a certain level of infestation.<br>* <b>Precision technologies</b> include e.g. GPS technologies to map pest infestations and guide spray, Real Time Kinetics (RTK), laser technology, computer guided spray nozzles to precisely target spray and reduce overspray. |  |  |  |





Weed management

| Q 23  | [A] In 2018 did you use any of the following weed control products to manage weeds?              | [B] When did you start using this practice?                                      | [C] Across what % of your UAA did you apply this practice in 2018?   | [D] Quantity applied in 2018: on average, was it lower than recommended by manufacturer? | [E] In the next five years do you plan to change the practice that you use? (changes may relate to the UAA across which the practice is applied or the quantity applied) |
|-------|--|--|--|--|--|
|       | <p><b>If No ► go to column [E] where you should select between options 3 and 4</b></p>           | 1- Less than 5 years ago<br>2- 5-10 years ago<br>3- More than 10 years ago       | 1- ≤5%<br>2- >5% ≤ 25%<br>3- >25% ≤ 50%<br>4- >50% ≤ 75%<br>5- >75% ≤ 100%   |  | 1-Reduce<br>2-Stop<br>3-No change<br>4-Start<br>5-Increase   |
| Q23_1 | Chemical products (herbicides) <input type="checkbox"/> Yes <input type="checkbox"/> No          | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> Yes <input type="checkbox"/> No                                 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5                                   |
| Q23_2 | Products allowed by organic regulations <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> Yes <input type="checkbox"/> No                                 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5                                   |



| Q 24  | [A] In 2018 did you use any additional practices to manage weeds?  | [B] When did you start using this practice?                                      | [C] Across what % of your UAA did you apply this practice in 2018?   | [D] What was the origin of input that you used in 2018?                                 | [E] In the next five years do you plan to change the practice that you use? (changes may relate to the UAA across which the practice is applied or the quantity applied) |
|-------|--|--|--|---|--|
|       | <b>If No ► go to column [E] where you should select between options 3 and 4</b>  | 1- Less than 5 years ago<br>2- 5-10 years ago<br>3- More than 10 years ago       | 1- ≤5%<br>2- >5% ≤ 25%<br>3- >25% ≤ 50%<br>4- >50% ≤ 75%<br>5- >75% ≤ 100%   | 1-From within the farm<br>2- From neighbouring farms<br>3- Elsewhere (Multiple allowed) | 1-Reduce<br>2-Stop<br>3-No change<br>4-Start<br>5-Increase   |
| Q24_1 | Mulching * with organic/biodegradable material <input type="checkbox"/> Yes <input type="checkbox"/> No  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3        | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5                                   |
| Q24_2 | Mulching * with an inorganic material <input type="checkbox"/> Yes <input type="checkbox"/> No   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3        | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5                                   |
| Q24_3 | Machine weeding <input type="checkbox"/> Yes <input type="checkbox"/> No   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5                                   |
| Q24_4 | Manual weeding <input type="checkbox"/> Yes <input type="checkbox"/> No  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5                                   |
| Q24_5 | Thermal weed control <input type="checkbox"/> Yes <input type="checkbox"/> No  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5                                   |
| Q24_6 | Varieties tolerant * of weeds <input type="checkbox"/> Yes <input type="checkbox"/> No   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5                                   |
| Q24_7 | Other (please specify / _____ /) <input type="checkbox"/> Yes <input type="checkbox"/> No  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3        | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5                                   |
| Notes | <p>* <b>Mulching</b>: a protective covering, usually (but not necessarily) of organic matter such as leaves, straw, or peat, placed around plants to prevent the evaporation of moisture, the freezing of roots, and the growth of weeds. Inorganic mulching includes plastic films, gravel, pebbles, crushed stones.</p> <p>* <b>Tolerance</b> implies ability to outcompete or varieties that grow on a different cycle to minimise competition.</p> |  |  |   |  |



| Q 25  | [A] In 2018 did you use any of the following to inform your decision making on weed management?  |  | [B] When did you start using this practice?                                      | [C] Across what % of your UAA did you apply this practice in 2018?   | [D] In the next five years do you plan to change the practice that you use? (changes relate to the UAA to which the practice is applied) |
|-------|--|--|--|--|--|
|       | <p><b>If No ► go to column [D] where you should select between options 3 and 4</b></p>   |  | 1- Less than 5 years ago<br>2- 5-10 years ago<br>3- More than 10 years ago       | 1- ≤5%<br>2- >5% ≤ 25%<br>3- >25% ≤ 50%<br>4- >50% ≤ 75%<br>5- >75% ≤ 100%   | 1-Reduce<br>2-Stop<br>3-No change<br>4-Start<br>5-Increase   |
| Q25_1 | Integrated weed management (IWM) * principles  | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5   |
| Q25_2 | Precision technologies * to guide herbicide application  | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5   |
| Notes | <p>* <b>IWM</b> principles may include use of models to predict composition of weeds, on field monitoring of weed composition, models to help decide when to apply herbicide e.g. above a certain level of infestation.</p> <p>* <b>Precision technologies</b> include e.g. GPS technologies to map pest infestations and guide spray, Real Time Kinetics (RTK), laser technology, computer guided spray nozzles to precisely target spray and reduce overspray.</p> |  |  |  |  |



Fertilisation and soil management of crop area

| Q 26  | [A] In 2018 did you use the following fertilisation and soil management practices on your crop area?<br><i>Crop area includes area with arable crops and area with perennial crops (excluding temporary and permanent grassland)</i> | [B] When did you start using this practice?                                      | [C] Across what % of your crop area did you apply this practice in 2018?<br><b>Note: for Q26_10 (leaving crop residues on soil), indicate % of arable crop area covered in winter.</b> | [D] What was the origin of input that you used in 2018?                                 | [E] Quantity applied in 2018   | [F] In the next five years do you plan to change the practice that you use? (changes may relate to the crop area to which the practice is applied or the quantity applied where applicable) |
|-------|--|--|--|---|--|---|
|       | <b>If No ► go to column [F] where you should select between options 3 and 4</b>  | 1- Less than 5 years ago<br>2- 5-10 years ago<br>3- More than 10 years ago       | 1- ≤5%<br>2- >5% ≤ 25%<br>3- >25% ≤ 50%<br>4- >50% ≤ 75%<br>5- >75% ≤ 100%   | 1-From within the farm<br>2- From neighbouring farms<br>3- Elsewhere (Multiple allowed) | Aggregate quantity of nitrogen in kg of nitrogen (N) per ha of crop area   | 1-Reduce<br>2-Stop<br>3-No change<br>4-Start<br>5-Increase  |
| Q26_1 | Conventional tillage *<br><input type="checkbox"/> Yes <input type="checkbox"/> No   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5   |   |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5  |
| Q26_2 | Conservation tillage *<br><input type="checkbox"/> Yes <input type="checkbox"/> No   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5   |   |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5  |
| Q26_3 | No tillage *<br><input type="checkbox"/> Yes <input type="checkbox"/> No   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5   |   |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5  |
| Q26_4 | Application of inorganic fertilisers<br><input type="checkbox"/> Yes <input type="checkbox"/> No   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3        | <input type="checkbox"/> 0-50<br><input type="checkbox"/> 50-100<br><input type="checkbox"/> 100-150<br><input type="checkbox"/> > 150 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5  |
| Q26_5 | Application of animal manure<br><input type="checkbox"/> Yes <input type="checkbox"/> No   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3        | <input type="checkbox"/> 0-50<br><input type="checkbox"/> 50-100<br><input type="checkbox"/> 100-150<br><input type="checkbox"/> > 150 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5  |
| Q26_6 | Application of sewage sludge and other sludge *<br><input type="checkbox"/> Yes <input type="checkbox"/> No  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3        | <input type="checkbox"/> 0-50<br><input type="checkbox"/> 50-100<br><input type="checkbox"/> 100-150<br><input type="checkbox"/> > 150 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5  |
| Q26_7 | Application of compost *<br><input type="checkbox"/> Yes <input type="checkbox"/> No   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3        | <input type="checkbox"/> 0-50<br><input type="checkbox"/> 50-100   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5  |



|        |   |  |  |  |  |  |  |
|--------|---|--|--|--|--|--|--|
|        |   |  |  |  |  | <input type="checkbox"/> 100-150<br><input type="checkbox"/> > 150   |  |
| Q26_8  | Application of soil amendments*   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 0-50<br><input type="checkbox"/> 50-100<br><input type="checkbox"/> 100-150<br><input type="checkbox"/> > 150 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q26_9  | Green manuring *  | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q26_10 | Leaving crop residues on soil<br>(Note: in column [C], indicate % of arable crop area covered in winter)  | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q26_11 | Planting of N fixing crops (specify which crops: /_____/)   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q26_12 | Planting of catch crops * (specify which crops: /_____/)  | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q26_13 | Planting of cover crops * (specify which crops /_____/)   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q26_14 | Other (specify /_____/)   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Notes  | <p>* <b>Conventional tillage:</b> applying power to break up and rearrange the entire topsoil structure.</p> <p>* <b>Conservation tillage:</b> a practice used in conventional agriculture to reduce the effects of tillage on soil erosion. However, it still depends on tillage as the structure forming element in the soil.</p> <p>* <b>No tillage/zero tillage:</b> the simple technique of drilling seed into the soil with little or no prior land preparation.</p> <p>* <b>Sludge</b> is muddy or slushy material produced by processing wastewater (sewage sludge) or pit latrine/septic tanks (fecal sludge).</p> <p>* <b>Compost:</b> a mixture of decaying organic matter, as from leaves and manure, used to improve soil structure and provide nutrients. Breaking down organic waste into humus that is reused as a beneficial nutrient can be done in several ways: vermicomposting, which is most beneficial for composting food waste; aerobic composting (with air); and anaerobic composting (without air).</p> <p>* <b>Soil amendments:</b> materials designed to promote plant health and soil structure, to provide a better environment for roots. They provide a foundation for success while improving the physical and chemical properties of soil, such as water infiltration and retention, drainage, aeration, and structure.</p> <p>* <b>Green manuring:</b> refers to a cover crop grown to help maintain soil organic matter and increase nitrogen availability that is subsequently incorporated into the soil. In green manuring, crop residues (from cover crops, N fixing crops etc.) are buried into the soil. Legumes are often used because they have rhizobia bacteria living in their root nodules that are able to fix nitrogen from the air and add it to the soil. Green manure is incorporated into the soil for the purpose of soil improvement. May include spontaneous crops, plants or weeds.</p> |  |  |  |  |  |  |



\* **Catch crop:** a rapidly growing plant that can be intercropped between rows of the main crop; often used as a green manure.  
 \* **Cover crop:** a crop grown to prevent soil erosion by covering the soil with living vegetation and roots that hold on to the soil. Cover crops are also grown to help maintain soil organic matter and increase nitrogen availability (green manure crop), and to “hold on” to excess nutrients (a catch crop) still in the soil, following an economic crop. Other benefits of cover crops include weed suppression and attraction of beneficial insects.

| Q 27  | [A] In 2018 did you use any of the following to inform your decision making on fertiliser application and soil management on farm?   | [B] When did you start using this practice?                                      | [C] Across what % of your UAA did you apply this practice in 2018?   | [D] In the next five years do you plan to change the practice that you use? (changes relate to the UAA to which the practice is applied) |
|-------|--|--|--|--|
|       | <b>If No ► go to column [D] where you should select between options 3 and 4</b>  | 1- Less than 5 years ago<br>2- 5-10 years ago<br>3- More than 10 years ago       | 1- ≤5%<br>2- >5% ≤ 25%<br>3- >25% ≤ 50%<br>4- >50% ≤ 75%<br>5- >75% ≤ 100%   | 1-Reduce<br>2-Stop<br>3-No change<br>4-Start<br>5-Increase   |
| Q27_1 | Precision technologies * to target application rate (variable rate application) <input type="checkbox"/> Yes <input type="checkbox"/> No   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5   |
| Q27_2 | Machine controlled application * <input type="checkbox"/> Yes <input type="checkbox"/> No  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5   |
| Q27_3 | Soil mapping <input type="checkbox"/> Yes <input type="checkbox"/> No  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5   |
| Notes | <p>* <b>Precision technologies</b> include e.g. GPS technologies to map pest infestations and guide spray, Real Time Kinetics (RTK), laser technology, computer guided spray nozzles to precisely target spray and reduce overspray.<br/>           * <b>Machine controlled application</b> means that there is a tool or a device that adjusts the spreading/spraying rate based on e.g. sensors that assess Nitrogen needs and uptake of crops. Such devices are mounted on tractors and connected to the spreader or sprayer: here is an example of existing commercial available products: <a href="https://www.yara.co.uk/crop-nutrition/tools-and-services/n-sensor/">https://www.yara.co.uk/crop-nutrition/tools-and-services/n-sensor/</a></p> |  |  |  |

Seeds

|       |   |   |
|-------|---|---|
| Q 28  | In 2018 where did you get your seeds, cuttings or plantlets, from?<br>(Multiple selections allowed)   | <input type="checkbox"/> Own production<br><input type="checkbox"/> Other farmers / community seed banks *<br><input type="checkbox"/> Commercial providers |
| Notes | <p>* <b>Community seed bank:</b> a community seed system is based on seed saving and aims to conserve existing varieties and make them available to the local community. Traditional seed storage and exchange mechanisms and can take several forms: community seed exchange; organised seed banks; seed saver's networks.</p> |   |



Crop diversification and crop rotation

| Q 29  | [A] In 2018 did you use any of the following practices?  |  | [B] When did you start using this system of practice?                            | [C] What was the number of crops in 2018           | [D] Typical rotation period and typical fallow period  | [E] Across what % of your UAA did you apply this practice in 2018?   | [F] In the next five years do you plan to change the practice that you use? (changes relate to the UAA to which the practice is applied or to the number of crops used) |
|-------|--|--|--|--|--|--|---|
|       | <p><b>If No ► go to column [F] where you should select between options 3 and 4</b></p>   |  | 1- Less than 5 years ago<br>2- 5-10 years ago<br>3- More than 10 years ago       | Number of crops<br>...                             | Typical duration   | 1- ≤5%<br>2- >5% ≤ 25%<br>3- >25% ≤ 50%<br>4- >50% ≤ 75%<br>5- >75% ≤ 100%   | 1-Reduce<br>2-Stop<br>3-No change<br>4-Start<br>5-Increase  |
| Q29_1 | Crop rotation *  | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | ... in a typical rotation: ____                    | ____ years a field is typically planted again with the same crop   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5                                  |
| Q29_2 | Crop diversification *   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | ... grown on the farm: ____                        |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5                                  |
| Q29_3 | Selection of traditional/locally adapted varieties   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | ... from such varieties: ____                      |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5                                  |
| Q29_4 | Mixed cropping * (including intercropping *, alley cropping, relay cropping *, does NOT INCLUDE agroforestry)  | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | ... grown on the same field at the same time: ____ |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5                                  |
| Q29_5 | Do you allow fields to lay fallow in general?  | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | ____ months the field is left fallow on average    | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |   |
| Notes | <p>* <b>Crop rotation:</b> Crop rotation on arable land is the practice of alternating annual crops grown on a specific field in a planned pattern or sequence in successive crop years so that crops of the same species are not grown without interruption on the same field.</p> <p>* <b>Crop diversification:</b> number of crops grown within the same growing season.</p> <p>* <b>Mixed cropping:</b> a system of sowing two or three crops together on the same land, one being the main crop and the others the subsidiaries.</p> <p>* <b>Intercropping:</b> growing two or more crops as a mixture in the same field at the same time. Intercropping can be one way of adding diversity to a crop system. It is a form of mixed cropping.</p> <p>* <b>Alley cropping:</b> growing crops between rows of trees.</p> <p>* <b>Relay cropping:</b> a form of mixed cropping in which the second crop is started amidst the first crop before it has been harvested.</p> |  |  |  |  |  |   |

Grassland management

| Q 30  | [A] In 2018 did you use the following fertilisation and soil management practices on your grassland?<br><i>Note: This question applies to both temporary and permanent grassland (pastures and meadows).</i> |  | [B] When did you start using this practice?                                      | [C] Across what % of your grassland area did you apply this practice in 2018?  | [D] What was the origin of input that you used in 2018?                                 | [E] Quantity applied in 2018  | [F] Typical frequency                 | [G] In the next five years do you plan to change the practice that you use? (changes relate to the pasture area)                       |
|-------|--|--|--|--|---|---|---------------------------------------|--|
|       | <p><b>If No ► go to column [G] where you should select between options 3 and 4</b></p>   |  | 1- Less than 5 years ago<br>2- 5-10 years ago<br>3- More than 10 years ago       | 1- ≤5%<br>2- >5% ≤ 25%<br>3- >25% ≤ 50%<br>4- >50% ≤ 75%<br>5- >75% ≤ 100%   | 1-From within the farm<br>2- From neighbouring farms<br>3- Elsewhere (Multiple allowed) | Aggregate quantity of nitrogen in kg of nitrogen (N) per ha of grassland area<br><input type="checkbox"/> 0-50<br><input type="checkbox"/> 50-100<br><input type="checkbox"/> 100-150<br><input type="checkbox"/> > 150 | Frequency mowing / frequency reseeded | 1-Reduce<br>2-Stop<br>3-No change<br>4-Start<br>5-Increase   |
| Q30_1 | Application of inorganic fertilisers   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3        | <input type="checkbox"/> 0-50<br><input type="checkbox"/> 50-100<br><input type="checkbox"/> 100-150<br><input type="checkbox"/> > 150  |                                       | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q30_2 | Application of animal manure   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3        | <input type="checkbox"/> 0-50<br><input type="checkbox"/> 50-100<br><input type="checkbox"/> 100-150<br><input type="checkbox"/> > 150  |                                       | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q30_3 | Application of sewage sludge or other sludge *   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3        | <input type="checkbox"/> 0-50<br><input type="checkbox"/> 50-100<br><input type="checkbox"/> 100-150<br><input type="checkbox"/> > 150  |                                       | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q30_4 | Application of compost *   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3        | <input type="checkbox"/> 0-50<br><input type="checkbox"/> 50-100<br><input type="checkbox"/> 100-150<br><input type="checkbox"/> > 150  |                                       | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q30_5 | Application of soil amendments *   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3        | <input type="checkbox"/> 0-50<br><input type="checkbox"/> 50-100<br><input type="checkbox"/> 100-150  |                                       | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |





|       |  |  |  |   |  |  |                                |  |
|-------|--|--|--|---|--|--|--------------------------------|--|
|       |  |  |  |   |  | <input type="checkbox"/> > 150<br><input type="checkbox"/> 0-50<br><input type="checkbox"/> 50-100<br><input type="checkbox"/> 100-150<br><input type="checkbox"/> > 150 |                                | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q30_6 | Other (specify: / _____ /)   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4<br><input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 |  |                                | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q30_7 | Mowing   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4<br><input type="checkbox"/> 5 |  |  | Number of mows per year: _____ | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q30_8 | Reseeding  | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4<br><input type="checkbox"/> 5 |  |  | One reseeded each _____ years  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Notes | <p>* <b>Sludge</b> is muddy or slushy material produced by processing wastewater (sewage sludge) or pit latrine/septic tanks (fecal sludge).</p> <p>* <b>Compost</b>: a mixture of decaying organic matter, as from leaves and manure, used to improve soil structure and provide nutrients. Breaking down organic waste into humus that is reused as a beneficial nutrient can be done in several ways: vermicomposting, which is most beneficial for composting food waste; aerobic composting (with air); and anaerobic composting (without air).</p> <p>* <b>Soil amendments</b>: materials designed to promote plant health and soil structure, to provide a better environment for roots. They provide a foundation for success while improving the physical and chemical properties of soil, such as water infiltration and retention, drainage, aeration, and structure.</p> |  |  |   |  |  |                                |  |



Livestock

| Q 31  | [A] How many of the following livestock did you have in 2018?                                     |   | [B] Since when has this been on average the number of livestock heads on your farm? | [C] How many months or days of the year did they spend outdoors in 2018? |  | [D] In the next five years do you plan to change the number of livestock heads?  | [E] How many of livestock traditional breeds typical of your area and local breeds in danger of being lost to farming did you have in 2018? |   | [F] In the next five years do you plan to change the number of animals of traditional breeds and/or of breeds in danger?               |
|-------|---|---|---|--|--|--|---|---|--|
|       | <p><b>If zero ▶ go to columns [D] and [F] where you should select between options 3 and 4</b></p> | Number of livestock heads in 2018<br>(indicate 0 if none) | 1- Less than 5 years ago<br>2- 5-10 years ago<br>3- More than 10 years ago          | Number of months or days in the year                                     | Specify if months or days  | 1-Reduce<br>2-Stop<br>3-No change<br>4-Start<br>5-Increase   | [E_a] Number of livestock heads from traditional breeds typical of your area (indicate 0 if none)   | [E_b] Number of livestock units heads from local breeds in danger of being lost to farming (indicate 0 if none) | 1-Reduce<br>2-Stop<br>3-No change<br>4-Start<br>5-Increase   |
| Q31_1 | Dairy cows  |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3    |  | <input type="checkbox"/> months<br><input type="checkbox"/> days | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |   |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q31_2 | Cull dairy cows   |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3    |  | <input type="checkbox"/> months<br><input type="checkbox"/> days | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |   |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q31_3 | Calves for fattening  |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3    |  | <input type="checkbox"/> months<br><input type="checkbox"/> days | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |   |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q31_4 | Suckler cows  |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3    |  | <input type="checkbox"/> months<br><input type="checkbox"/> days | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |   |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q31_5 | Other cattle  |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3    |  | <input type="checkbox"/> months<br><input type="checkbox"/> days | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |   |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q31_6 | Goats (breeding females)  |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3    |  | <input type="checkbox"/> months<br><input type="checkbox"/> days | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |   |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q31_7 | Other goats   |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3    |  | <input type="checkbox"/> months<br><input type="checkbox"/> days | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |   |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q31_8 | Ewes  |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3    |  | <input type="checkbox"/> months<br><input type="checkbox"/> days | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |   |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |



|        |   |  |  |  |  |
|--------|---|--|--|--|--|
| Q31_9  | Other sheep   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> months<br><input type="checkbox"/> days | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q31_10 | Breeding sows   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> months<br><input type="checkbox"/> days | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q31_11 | Other pigs  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> months<br><input type="checkbox"/> days | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q31_12 | Laying hens   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> months<br><input type="checkbox"/> days | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q31_13 | Other chicken   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> months<br><input type="checkbox"/> days | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q31_14 | Other poultry   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> months<br><input type="checkbox"/> days | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q31_15 | Other animals   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> months<br><input type="checkbox"/> days | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Notes  | According to Regulation 807/2014 art. 7 par 3. The list of breeds in danger is established by national/regional Rural Development Programs. |  |  |  |  |

|             |  |
|-------------|--|
| <b>Q 32</b> | <b>In 2018 did some or all of your livestock share any forage area?</b>              |
| Q32         | <input type="checkbox"/> Yes <input type="checkbox"/> No                             |
| Q32_1       | If yes, number of hectares shared: _____   |
| Notes       | A share forage area is a private pasture area which is used by more than one farmer. |

|             |  |
|-------------|--|
| <b>Q 33</b> | <b>In 2018 did some or all of your livestock graze on common land?</b> |
|             | <input type="checkbox"/> Yes <input type="checkbox"/> No               |

Livestock feed

| Q 34                            | [A] Did you use these types of feed in 2018?<br><i>Answer for each type of livestock on your farm and each type of feed in 2018</i> |  | [B]<br>Duration that feedtype was given in 2018 | [C] When did you start feeding your livestock this way?                          | [D] From where did you source the materials for this practice in 2018?  | [E] In the next five years do you plan to change the duration each feed is given?  |
|---------------------------------|---|--|---|--|---|--|
|                                 | <p><b>If No ► go to column [E] where you should select between options 3 and 4</b></p>  |  | Number of months in 2018                        | 1- Less than 5 years ago<br>2- 5-10 years ago<br>3- More than 10 years ago       | 1-From within the farm<br>2-From neighbouring farms<br>3-Elsewhere<br><br><i>If more than one option applies, please specify the % for each option (e.g. hay might be in part produced in farm and in part purchased outside)</i> | 1-Reduce<br>2-Stop<br>3-No change<br>4-Start<br>5-Increase   |
| <b>Feed for dairy cows</b>      |   |  |   |  |   |  |
| Q34_1a                          | Grazing on pasture  | <input type="checkbox"/> Yes <input type="checkbox"/> No |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___%  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_1b                          | Conserved forage: silage  | <input type="checkbox"/> Yes <input type="checkbox"/> No |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___%  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_1c                          | Conserved forage: hay   | <input type="checkbox"/> Yes <input type="checkbox"/> No |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___%  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_1d                          | Concentrates  | <input type="checkbox"/> Yes <input type="checkbox"/> No |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___%  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_1e                          | Grains  | <input type="checkbox"/> Yes <input type="checkbox"/> No |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___%  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_1f                          | Beets   | <input type="checkbox"/> Yes <input type="checkbox"/> No |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___%  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_1g                          | Grazing on crop residues  | <input type="checkbox"/> Yes <input type="checkbox"/> No |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___%  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_1h                          | Other: _____  | <input type="checkbox"/> Yes <input type="checkbox"/> No |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___%  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| <b>Feed for cull dairy cows</b> |   |  |   |  |   |  |
| Q34_2a                          | Grazing on pasture  | <input type="checkbox"/> Yes <input type="checkbox"/> No |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___%  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_2b                          | Conserved forage: silage  | <input type="checkbox"/> Yes <input type="checkbox"/> No |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___%  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_2c                          | Conserved forage: hay   | <input type="checkbox"/> Yes <input type="checkbox"/> No |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___%  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_2d                          | Concentrates  | <input type="checkbox"/> Yes <input type="checkbox"/> No |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___%  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_2e                          | Grains  | <input type="checkbox"/> Yes <input type="checkbox"/> No |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___%  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_2f                          | Beets   | <input type="checkbox"/> Yes <input type="checkbox"/> No |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___%  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_2g                          | Grazing on crop residues  | <input type="checkbox"/> Yes <input type="checkbox"/> No |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___%  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_2h                          | Other: _____  | <input type="checkbox"/> Yes <input type="checkbox"/> No |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___%  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |



| Feed for calves for fattening     |                          |  |  |  |  |  |  |
|-----------------------------------|--------------------------|--|--|--|--|--|--|
| Q34_3a                            | Grazing on pasture       | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_3b                            | Conserved forage: silage | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_3c                            | Conserved forage: hay    | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_3d                            | Concentrates             | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_3e                            | Grains                   | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_3f                            | Beets                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_3g                            | Grazing on crop residues | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_3h                            | Other: _____             | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Feed for suckler cows             |                          |  |  |  |  |  |  |
| Q34_4a                            | Grazing on pasture       | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_4b                            | Conserved forage: silage | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_4c                            | Conserved forage: hay    | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_4d                            | Concentrates             | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_4e                            | Grains                   | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_4f                            | Beets                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_4g                            | Grazing on crop residues | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_4h                            | Other: _____             | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Feed for other cattle             |                          |  |  |  |  |  |  |
| Q34_5a                            | Grazing on pasture       | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_5b                            | Conserved forage: silage | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_5c                            | Conserved forage: hay    | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_5d                            | Concentrates             | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_5e                            | Grains                   | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_5f                            | Beets                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_5g                            | Grazing on crop residues | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_5h                            | Other: _____             | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Feed for goats (breeding females) |                          |  |  |  |  |  |  |
| Q34_6a                            | Grazing on pasture       | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_6b                            | Conserved forage: silage | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_6c                            | Conserved forage: hay    | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |



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| Q34_6d                      | Concentrates             | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_6e                      | Grains                   | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_6f                      | Beets                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_6g                      | Grazing on crop residues | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_6h                      | Other: _____             | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| <b>Feed for other goats</b> |                          |  |  |  |  |  |
| Q34_7a                      | Grazing on pasture       | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_7b                      | Conserved forage: silage | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_7c                      | Conserved forage: hay    | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_7d                      | Concentrates             | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_7e                      | Grains                   | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_7f                      | Beets                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_7g                      | Grazing on crop residues | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_7h                      | Other: _____             | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| <b>Feed for ewes</b>        |                          |  |  |  |  |  |
| Q34_8a                      | Grazing on pasture       | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_8b                      | Conserved forage: silage | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_8c                      | Conserved forage: hay    | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_8d                      | Concentrates             | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_8e                      | Grains                   | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_8f                      | Beets                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_8g                      | Grazing on crop residues | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_8h                      | Other: _____             | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| <b>Feed for other sheep</b> |                          |  |  |  |  |  |
| Q34_9a                      | Grazing on pasture       | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_9b                      | Conserved forage: silage | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_9c                      | Conserved forage: hay    | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_9d                      | Concentrates             | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_9e                      | Grains                   | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_9f                      | Beets                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_9g                      | Grazing on crop residues | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |



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| Q34_9h                        | Other:_____   | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| <b>Feed for breeding sows</b> |   |  |  |  |  |  |
| Q34_10a                       | Concentrated feed                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_10b                       | Feed grain (wheat, barley, oats, triticale)             | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_10c                       | Mineral feed  | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_10d                       | Soy   | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_10e                       | Feed beans/peas   | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_10f                       | Potato protein  | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_10g                       | Grassfeed (like pellets or such)                        | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_10h                       | Grazing (pasture, forest, crop residues)                | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_10i                       | Other:_____   | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| <b>Feed for other pigs</b>    |   |  |  |  |  |  |
| Q34_11a                       | Concentrated feed                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_11b                       | Feed grain (wheat, barley, oats, triticale)             | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_11c                       | Mineral feed  | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_11d                       | Soy   | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_11e                       | Corn-cob-mix  | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_11f                       | Feed beans/peas   | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_11g                       | Potato protein  | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_11h                       | Supplement feed   | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_11i                       | Grassfeed (like alfalfa, clover or other grass-pellets) | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_11j                       | Grazing (pasture, forest, crop residues)                | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_11k                       | Whey  | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_11l                       | Other:_____   | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| <b>Feed for laying hens</b>   |   |  |  |  |  |  |
| Q34_12a                       | Feed grain (wheat, corn, oats, barley, triticale)       | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |



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|-------------------------------|---|--|--|--|--|
| Q34_12b                       | Feeding lime  | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_12c                       | Concentrated feed                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_12d                       | Supplement feed   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_12e                       | Mineral feed  | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_12f                       | Grassfeed (like alfalfa, clover or other grass-pellets) | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_12g                       | Soy (expeller/cake)                                     | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_12h                       | Linseed (expeller/cake)                                 | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_12i                       | Rapeseed (expeller/cake)                                | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_12j                       | Protein feed (e.g. peas, beans)                         | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_12k                       | Oil   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_12l                       | Potato protein  | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_12m                       | 'Grazing' on pasture                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_12n                       | 'Grazing' on crop residues                              | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_12o                       | Other: _____  | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| <b>Feed for other chicken</b> |   |  |  |  |  |
| Q34_13a                       | Feed grain (wheat, corn, oats, barley, triticale)       | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_13b                       | Concentrated feed                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_13c                       | Supplement feed   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_13d                       | Mineral feed  | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_13e                       | Grassfeed (like alfalfa, clover or other grass-pellets) | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_13f                       | Soy (expeller/cake)                                     | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_13g                       | Linseed (expeller/cake)                                 | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_13h                       | Rapeseed (expeller/cake)                                | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_13i                       | Protein feed (e.g. peas, beans)                         | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_13j                       | Oil   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_13k                       | Potato protein  | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_13l                       | 'Grazing' on pasture                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_13m                       | 'Grazing' on crop residues                              | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q34_13n                       | Other: _____  | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |





| Feed for other poultry |   |  |  |  |  |  |  |
|------------------------|---|--|--|--|--|--|--|
| Q34_14a                | Feed grain (wheat, corn, oats, barley, triticale)       | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_14b                | Feeding lime  | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_14c                | Concentrated feed                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_14d                | Supplement feed   | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_14e                | Mineral feed  | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_14f                | Grassfeed (like alfalfa, clover or other grass-pellets) | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_14g                | Soy (expeller/cake)                                     | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_14h                | Linseed (expeller/cake)                                 | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_14i                | Rapeseed (expeller/cake)                                | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_14j                | Protein feed (e.g. peas, beans)                         | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_14k                | Oil   | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_14l                | Potato protein  | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_14m                | 'Grazing' on pasture                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_14n                | 'Grazing' on crop residues                              | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_14o                | Other: _____  | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Feed for other animals |   |  |  |  |  |  |  |
| Q34_15a                | Grazing on pasture                                      | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_15b                | Conserved forage: silage                                | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_15c                | Conserved forage: hay                                   | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_15d                | Concentrates  | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_15e                | Grains  | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_15f                | Beets   | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_15g                | Grazing on crop residues                                | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |
| Q34_15h                | Other: _____  | <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1: ___% <input type="checkbox"/> 2: ___% <input type="checkbox"/> 3: ___% | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |  |

Livestock disease management

| Q 35  | [A] In 2018 did you use any of the following practices of livestock disease management? | [B] When did you start this practice?                                      | [C] In the next five years do you plan to change this practice? (changes relate to the number of animals to which the practice is applied) |
|-------|---|--|--|
|       | <b>If No ► go to column [C] where you should select between options 3 and 4</b>         | 1- Less than 5 years ago<br>2- 5-10 years ago<br>3- More than 10 years ago | 1-Reduce<br>2-Stop<br>3-No change<br>4-Start<br>5-Increase   |
| Q35_1 | Use of antibiotics for prevention, or for treatment and prevention                      | <input type="checkbox"/> Yes <input type="checkbox"/> No                   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5     |
| Q35_2 | Use of antibiotics only for treatment   | <input type="checkbox"/> Yes <input type="checkbox"/> No                   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5     |
| Q35_3 | Alternative remedies (e.g. homeopathy or essential oils)                                | <input type="checkbox"/> Yes <input type="checkbox"/> No                   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5     |
| Q35_4 | Physical measures (e.g. separation, aeration, minimum days outdoors)                    | <input type="checkbox"/> Yes <input type="checkbox"/> No                   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5     |
| Q35_5 | Trait selection   | <input type="checkbox"/> Yes <input type="checkbox"/> No                   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5     |
| Q35_6 | Other (please specify / _____/)   | <input type="checkbox"/> Yes <input type="checkbox"/> No                   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5     |

Livestock location

| Q 36  | [A] In 2018 did you change the location of your livestock through the year?            | [B] When did you start this pattern of movement this way?                  | [C] What duration in 2018?  | [D] In the next five years do you plan to change the pattern of movement? (changes relate to the number of animals to which the practice is applied) |
|-------|--|--|---|--|
|       | <b>If No ► go to column [D] where you should select between options 3 and 4</b>        | 1- Less than 5 years ago<br>2- 5-10 years ago<br>3- More than 10 years ago | Average number of grazing days per animal for each practice in 2018 | 1-Reduce<br>2-Stop<br>3-No change<br>4-Start<br>5-Increase   |
| Q36_1 | Local rotation around farm *   | <input type="checkbox"/> Yes <input type="checkbox"/> No                   | ___ number of grazing days  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5               |
| Q36_2 | Seasonal movement (stay in summer rangelands, spend grazing on mountainous rangelands) | <input type="checkbox"/> Yes <input type="checkbox"/> No                   | ___ number of grazing days  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5               |
| Notes | * Local rotation refers to moving livestock to different grazing areas of the farm     |  |   |  |

Manure and slurry management

| Q 37  | [A] In 2018 did you use any of the following manure and slurry management practices?  | [B] When did you start using this practice?   | [C] In the next five years do you plan to change this practice? (changes relate to the size of equipment used or the number of animals concerned by the practice) |  |
|-------|---|---|---|--|
|       | <p>If No ► go to column [C] where you should select between options 3 and 4</p>   | <p>1– Less than 5 years ago<br/>2– 5-10 years ago<br/>3– More than 10 years ago</p> | <p>1-Reduce<br/>2-Stop<br/>3-No change<br/>4-Start<br/>5-Increase</p>   |  |
| Q37_1 | Specific bedding type for animals (e.g. straw)  | <input type="checkbox"/> Yes <input type="checkbox"/> No                            | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q37_2 | Specific storage facility to reduce GHG emissions (e.g. covered pit)  | <input type="checkbox"/> Yes <input type="checkbox"/> No                            | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q37_3 | Specific storage facility to reduce leakage   | <input type="checkbox"/> Yes <input type="checkbox"/> No                            | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q37_4 | Digester  | <input type="checkbox"/> Yes <input type="checkbox"/> No                            | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q37_5 | Composting *  | <input type="checkbox"/> Yes <input type="checkbox"/> No                            | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q37_6 | Other   | <input type="checkbox"/> Yes <input type="checkbox"/> No                            | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Notes | <p>* <b>Compost:</b> a mixture of decaying organic matter, as from leaves and manure, used to improve soil structure and provide nutrients. Breaking down organic waste into humus that is reused as a beneficial nutrient can be done in several ways: vermicomposting, which is most beneficial for composting food waste; aerobic composting (with air); and anaerobic composting (without air).</p> |   |   |  |

Landscape features and habitats

| Q 38   | [A] In 2018 was there any of the following features on your UAA?  |  | [B] When did you start maintaining / creating these features?                    | [C] What % of your UAA was covered by these features in 2018?  | [D] In the next five years do you plan to change the features listed? (changes relate to the management of the UAA covered by the features) |
|--------|---|--|--|--|---|
|        | <b>If No ► go to column [D] where you should select between options 3 and 4</b>   |  | 1– Less than 5 years ago<br>2– 5-10 years ago<br>3– More than 10 years ago       | 1- ≤5%<br>2- >5% ≤ 10%<br>3- >10% ≤ 15%<br>4- >15% ≤ 20%<br>5- >20%  | 1-Remove features<br>2-Stop managing features<br>3-No change<br>4-Introduce new features<br>5-Increase features                             |
| Q38_1  | Hedgerows   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5      |
| Q38_2  | Bushes  | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5      |
| Q38_3  | Wet areas   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5      |
| Q38_4  | Tree lines  | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5      |
| Q38_5  | Woodland on UAA (coppice, afforrested areas, woodlots, etc.)  | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5      |
| Q38_6  | Isolated trees  | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5      |
| Q38_7  | Field margins *   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5      |
| Q38_8  | Buffer strips *   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5      |
| Q38_9  | Flower strips *   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5      |
| Q38_10 | Terraces  | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5      |
| Q38_11 | Other   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5      |
| Notes  | <p>* <b>Field margins:</b> herbaceous cover adjacent to cropland with a width between 1 and 20 metres, on which there shall be no agricultural production.</p> <p>* <b>Buffer strips:</b> herbaceous cover adjacent to cropland minimum width 1 meter (but single member states can increase it). They shall be located on or adjacent to a field in such a way that their long edges are parallel to the edge of a water course or water body. Along water courses, they may include strips with riparian vegetation with a width of up to 10 meters. There shall be no agricultural production on buffer strips.</p> <p>* <b>Flower strips:</b> strips where a mixture of flowering plants has been sown to provide forage for pollinators (whilst field margins and buffer strips are usually only grass).</p> |  |  |  |   |

Agroforestry and integrated farming

| Q 39  | [A] In 2018 did you use any of the following agroforestry practices?<br>Only answer options that are relevant to farm. Please skip if not relevant   | [B] When did you start using this system of practice?                      | [C] Across what % of your UAA did you apply this practice in 2018?               | [D] In the next five years do you plan to change the practice that you use? (changes relate to the UAA to which the practice is applied) |  |
|-------|--|--|--|--|--|
|       | <p><b>If No ► go to column [D] where you should select between options 3 and 4</b></p>   | 1- Less than 5 years ago<br>2- 5-10 years ago<br>3- More than 10 years ago | 1- ≤5%<br>2- >5% ≤ 25%<br>3- >25% ≤ 50%<br>4- >50% ≤ 75%<br>5- >75% ≤ 100%       | 1-Reduce<br>2-Stop<br>3-No change<br>4-Start<br>5-Increase   |  |
| Q39_1 | Agroforestry on arable land [silvoarable, hedgerow, windbreak and riparian buffer strips *]  | <input type="checkbox"/> Yes <input type="checkbox"/> No                   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q39_2 | Agroforestry on permanent grassland [silvopastoral practices such as dehesa, montado, wood pasture; and hedgerows, windbreaks, and riparian buffer strips *]   | <input type="checkbox"/> Yes <input type="checkbox"/> No                   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q39_3 | Agroforestry with perennial crops [grazing and intercropping * of perennial crops]   | <input type="checkbox"/> Yes <input type="checkbox"/> No                   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Notes | <p><b>* Buffer strips:</b> herbaceous cover adjacent to cropland minimum width 1 meter (but single member states can increase it). They shall be located on or adjacent to a field in such a way that their long edges are parallel to the edge of a water course or water body. Along water courses, they may include strips with riparian vegetation with a width of up to 10 meters. There shall be no agricultural production on buffer strips.</p> <p><b>* Intercropping:</b> growing two or more crops as a mixture in the same field at the same time. Intercropping can be one way of adding diversity to a crop system. It is a form of mixed cropping **.</p> <p><b>** Mixed cropping:</b> a system of sowing two or three crops together on the same land, one being the main crop and the others the subsidiaries.</p> |  |  |  |  |

Water management

| Q 40  | [A] In 2018 did you irrigate your land?<br>Only answer options that are relevant to farm. Please skip if not relevant | [B] When did you start irrigating?   | [C] What was the extent of irrigation on your farm in 2018? |   | [D] From where did you source your water in 2018?<br>(Multiple answers allowed)   | [E] In the next five years do you plan to change irrigation on your land? (changes relate to the area that is irrigated or to the water quantity) |
|-------|---|--|---|---|---|---|
|       | <b>If No ► go to column [E] where you should select between options 3 and 4</b>                                       | 1- Less than 5 years ago<br>2- 5-10 years ago<br>3- More than 10 years ago       | Water consumption from irrigation in 2018 in litres         | Percentage of UAA that is irrigated in 2018 (%) | 1-Rainfall storage<br>2-Natural surface water courses<br>3-Artificial surface water courses<br>4-Ground water<br>5-Mains water supply<br>6-Other                  | 1-Reduce<br>2-Stop<br>3-No change<br>4-Start<br>5-Increase  |
| Q40_1 | Irrigation (arable and perennial crop area) <input type="checkbox"/> Yes <input type="checkbox"/> No                  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 |   |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5            |
| Q40_2 | Irrigation (pasture area) <input type="checkbox"/> Yes <input type="checkbox"/> No                                    | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 |   |   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5            |

| Q 41  | [A] In 2018 did you use precision technologies to determine the application rate or frequency of irrigation? | [B] When did you start using this practice?                                      | [C] Across what % of your irrigated area (NOT the % of your UAA) did you apply this practice in 2018?                                  | [D] In the next five years do you plan to change the practice that you use? (changes relate to the area to which the practice is applied) |
|-------|--|--|--|---|
|       | <b>If No ► go to column [D] where you should select between options 3 and 4</b>                              | 1- Less than 5 years ago<br>2- 5-10 years ago<br>3- More than 10 years ago       | 1- ≤5%<br>2- >5% ≤ 25%<br>3- >25% ≤ 50%<br>4- >50% ≤ 75%<br>5- >75% ≤ 100%   | 1-Reduce<br>2-Stop<br>3-No change<br>4-Start<br>5-Increase  |
| Q41_1 | Soil mapping <input type="checkbox"/> Yes <input type="checkbox"/> No  | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5    |
| Q41_2 | Soil moisture sensing <input type="checkbox"/> Yes <input type="checkbox"/> No                               | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5    |
| Q41_3 | Variable rate irrigation <input type="checkbox"/> Yes <input type="checkbox"/> No                            | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5    |



Mechanisation

| Q 42   | Please provide the following information for your machinery:                                 | [A] Value and quantity in year 2018 | [B] Specify currency | [C] In the next five years do you intend to change the value or quantity?  |
|--------|--|-------------------------------------|----------------------|--|
|        |  |                                     |                      | 1-Reduce<br>2-Stop<br>3-No change<br>4-Start<br>5-Increase   |
| Q42_1  | Depreciation value of the machinery owned (aggregated value for the whole farm)              |                                     |                      | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q42_2  | Amount paid for machinery rented * in (aggregated value for the whole farm)                  |                                     |                      | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q42_3a | Quantity of total fuel consumed for machinery  | _____ Litres                        |                      | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 |
| Q42_3b | <b>AND (OR, if impossible to answer both)</b><br>Cost of total fuel consumed for machinery   | _____ Currency                      |                      |  |
| Notes  | * Cost for machinery rented is only for the machinery and does not include the drivers' fee. |                                     |                      |  |

Energy management

| Q 43            | [A] In 2018 did you use a listed energy management practice on your farm? (family house is excluded)   | [B] When did you start using this practice?                                | [C] In the next five years do you plan to change this practice? (changes relate to the size of equipment to which the practice is applied) |
|-----------------|--|--|--|
|                 | <b>If No ► go to column [C] where you should select between options 3 and 4</b>  | 1- Less than 5 years ago<br>2- 5-10 years ago<br>3- More than 10 years ago | 1-Reduce<br>2-Stop<br>3-No change<br>4-Start<br>5-Increase   |
| Q43_1           | Specific buildings (e.g. thermal insulation, passive energy building) <u>with</u> recognised energetic certification   | <input type="checkbox"/> Yes <input type="checkbox"/> No                   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3   |
| Q43_2           | Specific buildings (e.g. thermal insulation, passive energy building) <u>without</u> recognised energetic certification  | <input type="checkbox"/> Yes <input type="checkbox"/> No                   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5     |
| Q43_3           | Photovoltaic panels (electricity production)   | <input type="checkbox"/> Yes <input type="checkbox"/> No                   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5     |
| Q43_4           | Solar panels (heat production)   | <input type="checkbox"/> Yes <input type="checkbox"/> No                   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5     |
| Q43_5           | Wind turbines  | <input type="checkbox"/> Yes <input type="checkbox"/> No                   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5     |
| Q43_6<br>Q43_6a | Biomass combustion<br>If yes, specify if biomass from (multiple selections allowed):<br><input type="checkbox"/> own farm, <input type="checkbox"/> neighbouring farm, <input type="checkbox"/> other farm | <input type="checkbox"/> Yes <input type="checkbox"/> No                   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5     |
| Q43_7           | Geothermal   | <input type="checkbox"/> Yes <input type="checkbox"/> No                   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5     |
| Q43_8           | Other  | <input type="checkbox"/> Yes <input type="checkbox"/> No                   | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5     |



## Section 3

### Drivers of practices' adoption

This section will ask you about factors that influence the farming practices that you use.

It may sometimes refer to **ecological farming practices**. As described in the introduction this term refers to farming practices understood to have environmental and / or social benefits.

Environmental benefits might include, but are not limited to: improved soil or water quality, conserving biodiversity, or reducing greenhouse gas emissions. Social benefits may include, but are not limited to: animal health and welfare, promoting social capital in rural communities, or maintaining the rural landscape and heritage.

| Q 44 Do you discuss your farming practices with the buyers of your products? |   |                          |                          |                                 |                          |                          |
|--|---|--------------------------|--------------------------|---------------------------------|--------------------------|--------------------------|
|  |   | Strongly disagree<br>1   | Disagree<br>2            | Neither agree nor disagree<br>3 | Agree<br>4               | Strongly agree<br>5      |
| Q44_1  | I discuss the environmental and social benefits of my farming practices with those who buy my products                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Q44_2  | My farming practices are regularly assessed against environmental and/or social farming practice standards by those who buy my products | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Q44_3  | The requirements of those who buy my products restrict my ability to farm using more ecological farming practices                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Q44_4  | The buyers of my products have little interest in the farming practices that I use  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Q44_5  | The buyers of my products and me share information about product quality but not farming practices                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Notes  | <i>Ecological farming practices are those understood to promote environmental and/or social benefits.</i>                               |                          |                          |                                 |                          |                          |

| Q 45  |   | How would you describe your relationship with the buyers of your products? |                          |                                 |                          |                          |
|-------|---|--|--------------------------|---------------------------------|--------------------------|--------------------------|
|       |   | Strongly disagree<br>1   | Disagree<br>2            | Neither agree nor disagree<br>3 | Agree<br>4               | Strongly agree<br>5      |
| Q45_1 | Our relationship is truthful and frank  | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Q45_2 | Our relationship is fair and equal      | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Q45_3 | We have a long-term relationship        | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Q45_4 | We have a partnership                   | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Q45_5 | I always deal with the same individuals | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |

*Informal institutional conditions and social norms*

| Q 46_A |   | How often do you consult the following sources of information to get ideas for farming practices? |                          |                          |                          |                          |                          |
|--------|---|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|        |   | At least monthly  | Several times per year   | Once a year              | Less than once a year    | Never                    |                          |
| Q46_1  | Family and friends  | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |
| Q46_2  | Business partners (in the farm)   | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |
| Q46_3  | Agricultural advisors*  | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |
| Q46_4  | Environmental advisors *  | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |
| Q46_5  | Supplier representatives *  | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |
| Q46_6  | Buyer representatives   | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |
| Q46_7  | Open days, demonstration activities, training   | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |
| Q46_8  | Other farmers   | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |
| Q46_9  | Press/Radio/TV  | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |
| Q46_10 | Internet (including social media)   | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |
| Q 46_B |   | Same question for organisations of which you are a member   |                          |                          |                          |                          |                          |
|        | Tick last column if you are not a member  | At least monthly  | Several times per year   | Once a year              | Less than once a year    | Never                    | I am not a member        |
| Q46_11 | Conservation and farming NGO  | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Q46_12 | Farmer/grower organisation  | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Q46_13 | Farmers union   | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Q46_14 | Landowners association  | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Q46_15 | Cooperative   | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Q46_16 | Certification body  | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Q46_17 | Other (please specify / _____/)   | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Notes  | <p>* Advisors include extension agents, private consultants, associations.</p> <p>* Supplier representatives may include sales representatives or consultants provided by those from whom you purchase feed, seed, pesticides etc., including veterinary service providers.</p> |   |                          |                          |                          |                          |                          |

| Q 47  |  | How do you think other people view the use ecological practices *? |                          |                                 |                          |                          |
|-------|--|--|--------------------------|---------------------------------|--------------------------|--------------------------|
|       |  | Strongly disagree<br>1   | Disagree<br>2            | Neither agree nor disagree<br>3 | Agree<br>4               | Strongly agree<br>5      |
| Q47_1 | The sources of information I consult regularly (see previous question) promote the use of ecological practices                         | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Q47_2 | People whose opinions I value are supportive of using ecological practices   | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Q47_3 | There is societal expectation for farmers to use practices that generate environmental and / or social benefits beyond food production | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Notes | * Ecological farming practices are those understood to promote environmental and/or social benefits.                                   |  |                          |                                 |                          |                          |

| Q 48  |  | How do other farmers you know view the adoption of ecological farming practices *? |                          |                                 |                          |                          |
|-------|--|--|--------------------------|---------------------------------|--------------------------|--------------------------|
|       |  | Strongly disagree<br>1   | Disagree<br>2            | Neither agree nor disagree<br>3 | Agree<br>4               | Strongly agree<br>5      |
| Q48_1 | There is a lot of agreement amongst farmers I know that using ecological farming practices is a good thing to do     | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Q48_2 | Most farmers I know question using more ecological farming practices   | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Q48_3 | Few farmers I know are using ecological practices  | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Q48_4 | Most farmers I know have not considered applying ecological farming practices beyond what is required by regulations | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Q48_5 | Most farmers that I know have adopted at least one practice that could be considered ecological                      | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Notes | * Ecological farming practices are those understood to promote environmental and/or social benefits.                 |  |                          |                                 |                          |                          |

| Q 49  | To what extent do you agree with the following statement about farmers and farming? |                          |                          |                                 |                          |                          |
|-------|---|--------------------------|--------------------------|---------------------------------|--------------------------|--------------------------|
|       |   | Strongly disagree<br>1   | Disagree<br>2            | Neither agree nor disagree<br>3 | Agree<br>4               | Strongly agree<br>5      |
| Q49_1 | Being a farmer is an important reflection of who I am                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Q49_2 | What happens to farmers as a whole will have an effect on what happens in my life   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Q49_3 | I have a strong sense of belonging to the farming community                         | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Q49_4 | I see myself as a farmer who prioritises the environment                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Q49_5 | Understanding the ecology of the farm is what farming is about                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Q49_6 | Farming in a way that preserves the environment is part of who I am                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |

| Q 50  | Which of the following are important when you make decisions about the farming practices you use? |                           |                          |  |                          |                          |
|-------|---|---------------------------|--------------------------|--|--------------------------|--------------------------|
|       |   | Not at all important<br>1 | Unimportant<br>2         | Neither important nor unimportant<br>3 | Important<br>4           | Very important<br>5      |
| Q50_1 | Seeing the practice implemented on another farm   | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q50_2 | Knowing the practice is widespread on farms like mine   | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q50_3 | Knowing the practice is innovative  | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |

*Individual motivational factors*

| Q 51   |   | How important are the following objectives to you? |                          |  |                          |                          |
|--------|---|--|--------------------------|--|--------------------------|--------------------------|
|        |   | Not at all important<br>1                          | Unimportant<br>2         | Neither important nor unimportant<br>3 | Important<br>4           | Very Important<br>5      |
| Q51_1  | Maximising profits                                | <input type="checkbox"/>                           | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q51_2  | Producing high quality products                   | <input type="checkbox"/>                           | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q51_3  | Maximising production                             | <input type="checkbox"/>                           | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q51_4  | Expanding the business                            | <input type="checkbox"/>                           | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q51_5  | Being innovative e.g. using new technologies      | <input type="checkbox"/>                           | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q51_6  | Meeting challenges                                | <input type="checkbox"/>                           | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q51_7  | Minimising financial risk                         | <input type="checkbox"/>                           | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q51_8  | Being fit and healthy                             | <input type="checkbox"/>                           | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q51_9  | Providing a satisfying lifestyle                  | <input type="checkbox"/>                           | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q51_10 | Farming in a way that enhances the environment    | <input type="checkbox"/>                           | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q51_11 | Improving the condition of the land               | <input type="checkbox"/>                           | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q51_12 | Protecting the environment for future generations | <input type="checkbox"/>                           | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |

| <b>Q 52</b> |  | <b>To what extent do you agree with the following statements?</b> |                          |   |                          |                             |
|-------------|--|---|--------------------------|---|--------------------------|-----------------------------|
|             |  | <b>Strongly disagree<br/>1</b>                                    | <b>Disagree<br/>2</b>    | <b>Neither agree nor disagree<br/>3</b> | <b>Agree<br/>4</b>       | <b>Strongly agree<br/>5</b> |
| Q52_1       | Taking steps to protect the environment only makes sense to the extent that they benefit agricultural production | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/>    |
| Q52_2       | Natural areas are important to maintain or create only if they provide productivity benefits for my farm         | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/>    |
| Q52_3       | Protecting the environment is an important part of my job  | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/>    |
| Q52_4       | It is important to adopt farming practices that provide environmental or social benefits                         | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/>    |
| Q52_5       | It is important to continuously assess the environmental and social impact of my farm                            | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/>    |

| <b>Q 53</b> |  | <b>To what extent do the following statements describe your management style?</b> |                          |   |                          |                             |
|-------------|--|---|--------------------------|---|--------------------------|-----------------------------|
|             |  | <b>Strongly disagree<br/>1</b>  | <b>Disagree<br/>2</b>    | <b>Neither agree nor disagree<br/>3</b> | <b>Agree<br/>4</b>       | <b>Strongly agree<br/>5</b> |
| Q53_1       | I like to mull over a decision before acting                                   | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/>    |
| Q53_2       | Keeping records and calculating outcomes before making a decision is important | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/>    |
| Q53_3       | I do not like to take risky decisions  | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/>    |
| Q53_4       | I tend to postpone investment decisions until they really need to be done      | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/>    |
| Q53_5       | I tolerate mistakes when making changes  | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/>    |
| Q53_6       | Trialling new practices is exciting  | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/>    |
| Q53_7       | Making changes to well-established practices is a real pain                    | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/>    |
| Q53_8       | I try to take a preventative rather than a remedial approach                   | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/>    |

| <b>Q 54</b> |  | <b>In the last 5 years (or since you began farming if sooner than 5 years) have you observed, in your area, an increase or a decrease in the following:</b> |                              |  |                              |                             |
|-------------|--|---|------------------------------|--|------------------------------|-----------------------------|
|             |  | <b>Large decrease<br/>1</b>   | <b>Slight decrease<br/>2</b> | <b>Have not noticed a change<br/>3</b> | <b>Slight increase<br/>4</b> | <b>Large increase<br/>5</b> |
| Q54_1       | Number of extreme weather events   | <input type="checkbox"/>  | <input type="checkbox"/>     | <input type="checkbox"/>               | <input type="checkbox"/>     | <input type="checkbox"/>    |
| Q54_2       | Number of beneficial insects e.g. pollinators                                | <input type="checkbox"/>  | <input type="checkbox"/>     | <input type="checkbox"/>               | <input type="checkbox"/>     | <input type="checkbox"/>    |
| Q54_3       | Number of species of birds   | <input type="checkbox"/>  | <input type="checkbox"/>     | <input type="checkbox"/>               | <input type="checkbox"/>     | <input type="checkbox"/>    |
| Q54_4       | Number of species of mammals (excluding invasive species)                    | <input type="checkbox"/>  | <input type="checkbox"/>     | <input type="checkbox"/>               | <input type="checkbox"/>     | <input type="checkbox"/>    |
| Q54_5       | Soil erosion   | <input type="checkbox"/>  | <input type="checkbox"/>     | <input type="checkbox"/>               | <input type="checkbox"/>     | <input type="checkbox"/>    |
| Q54_6       | Number of flooding events  | <input type="checkbox"/>  | <input type="checkbox"/>     | <input type="checkbox"/>               | <input type="checkbox"/>     | <input type="checkbox"/>    |
| Q54_7       | Soil quality   | <input type="checkbox"/>  | <input type="checkbox"/>     | <input type="checkbox"/>               | <input type="checkbox"/>     | <input type="checkbox"/>    |
| Q54_8       | Other changes observed to land and the environment (please specify / _____/) | <input type="checkbox"/>  | <input type="checkbox"/>     | <input type="checkbox"/>               | <input type="checkbox"/>     | <input type="checkbox"/>    |

| <b>Q 55</b>   |   | <b>How easy or difficult is it to achieve the following objectives on your farm?</b> |                          |   |                          |                          |
|---|---|--|--------------------------|---|--------------------------|--------------------------|
| <b>If you feel you have already met this objective please answer in relation to how easy or difficult it WAS to achieve. Otherwise, please reflect on how easy or difficult the objective is likely to achieve.</b> |   | <b>Very difficult<br/>1</b>  | <b>Difficult<br/>2</b>   | <b>Neither difficult nor easy<br/>3</b> | <b>Easy<br/>4</b>        | <b>Very easy<br/>5</b>   |
| Q55_1   | Improve the soil condition on your farm (i.e. organic matter content and biological activity)                     | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/> |
| Q55_2   | Find effective alternatives to synthetic products (fertilisers, pesticides, herbicides)                           | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/> |
| Q55_3   | Recycle more biomass from your farm   | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/> |
| Q55_4   | Minimise resource losses from soil or water on your farm  | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/> |
| Q55_5   | Maintain or create wildlife habitats on your farm   | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/> |
| Q55_6   | Integrate different agro-ecosystems on your farm (i.e. crop and livestock systems, or different cropping systems) | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/> |
| Q55_7   | Increase genetic diversity (crops or livestock) on your farm  | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/> |
| Q55_8   | Farm in a more extensive manner   | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/> |

| Q 56  | How prepared do you feel to use more ecological farming practices * in the next 5 years?                                  | Strongly disagree<br>1   | Disagree<br>2            | Neither agree nor disagree<br>3 | Agree<br>4               | Strongly agree<br>5      |
|-------|---|--------------------------|--------------------------|---------------------------------|--------------------------|--------------------------|
| Q56_1 | I feel well prepared to use more ecological farming practices   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Q56_2 | I always meet the goals I set for myself (the farm)   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Q56_3 | I have access to good advice and support on ecological farming practices  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Q56_4 | There are not many opportunities open to me in the market that would enable me to adopt more ecological farming practices | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Q56_5 | I do not have the knowledge and skills to adopt more ecological farming practices   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Q56_6 | Ecological farming practices are easy to use  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Q56_7 | Ecological farming practices are easy to understand   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Notes | * Ecological farming practices are those understood to promote environmental and/or social benefits.                      |                          |                          |                                 |                          |                          |

*Benefits, triggers and barriers*

| Q 57   | What effect has adoption of ecological farming practices * had on the following outcomes?<br><br>If you do not currently use ecological farming practices, please consider the effect you believe their adoption WOULD have. | Large decrease<br>1      | Slight decrease<br>2     | No change<br>3           | Slight increase<br>4     | Large increase<br>5      |
|--------|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Q57_1  | Profitability of your farm   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Q57_2  | Production of your farm  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Q57_3  | Labour requirements for your farm  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Q57_4  | Your ability to meet current and future farm support payment requirements  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Q57_5  | Your ability to meet your farming objectives   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Q57_6  | Your time spent working on the farm  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Q57_7  | Soil quality on your farm  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Q57_8  | Your farm's dependence on external inputs *  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Q57_9  | Biodiversity on your farm  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Q57_10 | Intensity of seasonal peaks of work during the year (for you and the other farm workers)   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Q57_11 | Physical nature of work (for you and the other farm workers)   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Q57_12 | Mental workload (for you and the other farm workers)   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Notes  | * Ecological farming practices are those understood to promote environmental and/or social benefits.<br>* External inputs include anything brought onto the farm such as fertiliser or feed.                                 |                          |                          |                          |                          |                          |



| <b>Q 58</b><br><b>Thinking about the last time you changed the farming practices you use, how important were the following factors?</b><br><br><b>If you have never made any changes to your farming practices, please consider how important the following factors WOULD be if you were to make a change.</b> |  |                           |                          |  |                          |                          |
|--|--|---------------------------|--------------------------|--|--------------------------|--------------------------|
|  |  | Not at all important<br>1 | Unimportant<br>2         | Neither important nor unimportant<br>3 | Important<br>4           | Very important<br>5      |
| Q58_1  | Ability to cope with pests and diseases                      | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q58_2  | Ability to cope with changing weather                        | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q58_3  | Ability to observe and measure benefits of the practice      | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q58_4  | Fit with the way you currently farm                          | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q58_5  | Cost of adoption   | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q58_6  | Market reward  | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q58_7  | Supply chain contract restrictions                           | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q58_8  | Ability to meet product quality or safety standards          | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q58_9  | Amount of skilled labour required (hired labour or training) | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q58_10   | Personal challenge and interest                              | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q58_11   | Availability of advice and support                           | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |

| <b>Q 59</b><br><b>Thinking about the last time you have made a decision to change the farming practices you use, which of the following events were important?</b><br><br><b>If you have never made any changes to your farming practices, please consider whether these events WOULD likely be an important influence on future changes.</b> |   |                           |                          |  |                          |                          |
|---|---|---------------------------|--------------------------|--|--------------------------|--------------------------|
|   |   | Not at all important<br>1 | Unimportant<br>2         | Neither important nor unimportant<br>3 | Important<br>4           | Very important<br>5      |
| Q59_1   | Changes in input prices                       | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q59_2   | Changes in product prices                     | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q59_3   | Financial difficulties                        | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q59_4   | Availability of skilled labour                | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q59_5   | Land availability                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q59_6   | Changes in weather patterns                   | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q59_7   | Changes to regulations                        | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q59_8   | Availability of new technologies              | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q59_9   | Planning for succession                       | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q59_10  | Inheriting farm                               | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |
| Q59_11  | New market opportunities (domestic or export) | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>               | <input type="checkbox"/> | <input type="checkbox"/> |

| <b>Q 60</b><br><b>Thinking about the last time you have adopted one or some ecological farming practices *, how have the farm's labour requirements changed?</b><br><br><b>If you have never adopted ecological farming practices, please consider whether these WOULD likely change.</b> |  | Large decrease<br>1      | Slight decrease<br>2     | No change<br>3           | Slight increase<br>4     | Large increase<br>5      |
|---|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Q60_1   | Farm managers' labour  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Q60_2   | Family full time labour (exclude farm managers if they fall in this category)                        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Q60_3   | Family part time labour (exclude farm managers if they fall in this category)                        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Q60_4   | Hired full time labour   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Q60_4a  | Thereof: hired full time labour from workers from another country                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Q60_5   | Hired part time labour   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Q60_5a  | Thereof: hired part time labour from workers from another country                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Notes   | * Ecological farming practices are those understood to promote environmental and/or social benefits. |                          |                          |                          |                          |                          |

| <b>Q 61</b><br><b>Thinking about the last time you have adopted one or some ecological farming practices *, how have the skill requirements for farm work and management changed?</b><br><br><b>If you have never adopted ecological farming practices, please consider whether these WOULD likely change.</b> |  | Large decrease<br>1      | Slight decrease<br>2     | No change<br>3           | Slight increase<br>4     | Large increase<br>5      |
|--|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Q61_1  | Skill requirements for farm work and management: change for farm manager(s)                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Q61_2  | Skill requirements for farm work and management: change for other farm workers                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Notes  | * Ecological farming practices are those understood to promote environmental and/or social benefits. |                          |                          |                          |                          |                          |

## Section 4

### Farm structural and economic information

All questions relate to the year 2018 or to the timespan 2016-2018 (the indication is given in each question), unless otherwise indicated.

A year may be the calendar year (January to December), the seasonal year or the tax year: it is up to you to decide which year is best suited for your case, but one year should be 12 months long.

#### *Factors of production – Land*

| Q 62 In case you know it, how much was the average price for rented agricultural land in your area in 2018? |   |  |                  |
|---|---|--|------------------|
|   |   | Average price for 1 Ha rented land in your area in 2018 (in national currency per hectare) | Specify currency |
| Q62_1   | Arable land   | / Ha   |                  |
| Q62_2   | Pastures/Meadows                                      | / Ha   |                  |
| Q62_3   | Orchards excluding olives (if relevant in the region) | _____/ Ha<br><input type="checkbox"/> Not relevant in the area                             |                  |
| Q62_4   | Olives (if relevant in the region)                    | _____/ Ha<br><input type="checkbox"/> Not relevant in the area                             |                  |
| Q62_5   | Vineyards (if relevant in the region)                 | _____/ Ha<br><input type="checkbox"/> Not relevant in the area                             |                  |
| Q62_6   | Forest (if relevant in the region)                    | _____/ Ha<br><input type="checkbox"/> Not relevant in the area                             |                  |

Factors of production – Farm buildings

| Q 63         |  | Please describe farm buildings for agricultural purposes FULLY or PARTIALLY owned (not rented) (at the end of 2018. Please consider only such sheds with a firm building foundation! (e.g. made out of concrete, wood... No tents, no huts...)) |  |   | As we assume the average use of a building is 30 years, please describe the investment costs for construction and major re-constructions of the buildings. For sheds, please describe costs only for the building, we'll ask for equipment (milking technique, installations) in the next question |                      |   |
|--------------|--|---|--|---|--|----------------------|---|
|              |  | [A]<br>Total size   | [B]<br>Specify unit for size                                   | [C]<br>% of size of owned buildings in full ownership | [D]<br>Total investment costs in this building-type since 1988 (Construction and reconstruction cost, at the time of the investment)   | [E] Specify currency | [F]<br>Majority of investment costs since 1988 occurred...  |
| <b>Sheds</b> |  |   |  |   |  |                      |   |
| Q63_1a       | Cow shed(s); Specify type (e.g. playpen, tethering, ...):<br>/ _____ /                               |   | <input type="checkbox"/> places<br><input type="checkbox"/> m2 |   |  |                      | <input type="checkbox"/> in the last 10 years<br><input type="checkbox"/> 11-20 years ago<br><input type="checkbox"/> more than 20 years ago<br><input type="checkbox"/> equally distributed over the last 30 years |
| Q63_1b       | Sheep shed(s)  |   | <input type="checkbox"/> places<br><input type="checkbox"/> m2 |   |  |                      | <input type="checkbox"/> in the last 10 years<br><input type="checkbox"/> 11-20 years ago<br><input type="checkbox"/> more than 20 years ago<br><input type="checkbox"/> equally distributed over the last 30 years |
| Q63_1c       | Goat shed(s)   |   | <input type="checkbox"/> places<br><input type="checkbox"/> m2 |   |  |                      | <input type="checkbox"/> in the last 10 years<br><input type="checkbox"/> 11-20 years ago<br><input type="checkbox"/> more than 20 years ago<br><input type="checkbox"/> equally distributed over the last 30 years |
| Q63_1d       | Pig shed(s); Specify type and system (e.g. outdoor climate houses, slatted floor, ...):<br>/ _____ / |   | <input type="checkbox"/> places<br><input type="checkbox"/> m2 |   |  |                      | <input type="checkbox"/> in the last 10 years<br><input type="checkbox"/> 11-20 years ago<br><input type="checkbox"/> more than 20 years ago<br><input type="checkbox"/> equally distributed over the last 30 years |
| Q63_1e       | Chicken shed(s)  |   | <input type="checkbox"/> places<br><input type="checkbox"/> m2 |   |  |                      | <input type="checkbox"/> in the last 10 years<br><input type="checkbox"/> 11-20 years ago<br><input type="checkbox"/> more than 20 years ago<br><input type="checkbox"/> equally distributed over the last 30 years |
| Q63_1f       | Turkey shed(s)   |   | <input type="checkbox"/> places<br><input type="checkbox"/> m2 |   |  |                      | <input type="checkbox"/> in the last 10 years<br><input type="checkbox"/> 11-20 years ago   |

|  |   |  |  |    |  |  |   |
|--|---|--|--|----|--|--|---|
|  |   |  |  |    |  |  | <input type="checkbox"/> more than 20 years ago<br><input type="checkbox"/> equally distributed over the last 30 years  |
| Q63_1g                                 | Other poultry shed(s)                                       |  | <input type="checkbox"/> places<br><input type="checkbox"/> m2 |    |  |  | <input type="checkbox"/> in the last 10 years<br><input type="checkbox"/> 11-20 years ago<br><input type="checkbox"/> more than 20 years ago<br><input type="checkbox"/> equally distributed over the last 30 years |
| Q63_1h                                 | Other sheds; Specify: / _____ /                             |  | <input type="checkbox"/> places<br><input type="checkbox"/> m2 |    |  |  | <input type="checkbox"/> in the last 10 years<br><input type="checkbox"/> 11-20 years ago<br><input type="checkbox"/> more than 20 years ago<br><input type="checkbox"/> equally distributed over the last 30 years |
| <b>Storage and machinery buildings</b> |   |  |  |    |  |  |   |
| Q63_2a                                 | Buildings for crop storage                                  |  |  | m2 |  |  | <input type="checkbox"/> in the last 10 years<br><input type="checkbox"/> 11-20 years ago<br><input type="checkbox"/> more than 20 years ago<br><input type="checkbox"/> equally distributed over the last 30 years |
| Q63_2b                                 | Silo(s)   |  |  | m3 |  |  | <input type="checkbox"/> in the last 10 years<br><input type="checkbox"/> 11-20 years ago<br><input type="checkbox"/> more than 20 years ago<br><input type="checkbox"/> equally distributed over the last 30 years |
| Q63_2c                                 | Machinery building(s)                                       |  |  | m2 |  |  | <input type="checkbox"/> in the last 10 years<br><input type="checkbox"/> 11-20 years ago<br><input type="checkbox"/> more than 20 years ago<br><input type="checkbox"/> equally distributed over the last 30 years |
| Q63_2d                                 | Greenhouses   |  |  | m2 |  |  | <input type="checkbox"/> in the last 10 years<br><input type="checkbox"/> 11-20 years ago<br><input type="checkbox"/> more than 20 years ago<br><input type="checkbox"/> equally distributed over the last 30 years |
| Q63_2e                                 | Other farm buildings (e.g. feed storage) Specify: / _____ / |  |  | m2 |  |  | <input type="checkbox"/> in the last 10 years<br><input type="checkbox"/> 11-20 years ago<br><input type="checkbox"/> more than 20 years ago<br><input type="checkbox"/> equally distributed over the last 30 years |

Factors of production – Machinery

| Q 64   |   |   |                                       |   |   |   |                          |                      |
|--|---|---|---------------------------------------|---|---|---|--------------------------|----------------------|
| What kind of agricultural equipment FULLY OWNED and PARTIALLY OWNED (SHARED) do you normally/typically use (average over years 2016 – 2018)? |   |   |                                       |   |   |   |                          |                      |
|  |   | Fully owned machinery use                                   |                                       | Partially owned (i.e. shared*) machinery use                |   | For leading machinery (self-propelled machinery such as tractors/harvesters but also big investments such as hay drying machinery, milking system or robots), please specify year of acquisition and costs of acquisition |                          |                      |
| Types of agricultural equipment  |   | [A] Do you use own machinery?                               | [B] If yes, number of machinery owned | [C] Do you use shared* machinery?                           | [D] If yes, number of machinery shared* | [E] Year of acquisition   | [F] Costs of acquisition | [G] Specify currency |
| <b>Tractor and other towing vehicles</b>   |   |   |                                       |   |   |   |                          |                      |
| Q64_1ai  | Tractor   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |                                       | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |   | Tractor 1   |                          |                      |
| Q64_1aii   |   |   |                                       |   |   | Tractor 2:  |                          |                      |
| Q64_1aiiii   |   |   |                                       |   |   | Tractor 3:  |                          |                      |
| Q64_1aiv   |   |   |                                       |   |   | Tractor 4:  |                          |                      |
| Q64_1av  |   |   |                                       |   |   | Tractor 5:  |                          |                      |
| Q64_1ai0<br>Q64_1ai1   |   |   |                                       |   |   | Power of strongest tractor: _____<br>Specify unit: _____ <input type="checkbox"/> KW or <input type="checkbox"/> HP   |                          |                      |
| Q64_1b   | Lorry, truck  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |                                       | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |   |   |                          |                      |
| Q64_1c   | ATV, Quad bike  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |                                       | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |   |   |                          |                      |
| Q64_1d   | Other tractor and other towing vehicles (please specify /_____ /) | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |                                       | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |   |   |                          |                      |
| <b>Soil tillage machinery</b>  |   |   |                                       |   |   |   |                          |                      |
| Q64_2a   | Plough  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |                                       | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |   |   |                          |                      |
| Q64_2b   | Cultivator  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |                                       | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |   |   |                          |                      |



|  |   |   |  |   |  |             |
|--|---|---|--|---|--|-------------|
| Q64_2c   | Other soil tillage machinery (please specify / _____ /)                 | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |
| <b>Planting machinery</b>                      |   |   |  |   |  |             |
| Q64_3a   | Conventional seed drill   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |
| Q64_3b   | Precision seed drill  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |
| Q64_3c   | Direct seed drill   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |
| Q64_3d   | Mulch seed drill  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |
| Q64_3e   | Machinery for planting trees, vineyards                                 | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |
| Q64_3f   | Other planting machinery (please specify / _____ /)                     | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |
| <b>Fertilising and pest control machinery</b>  |   |   |  |   |  |             |
| Q64_4a   | Chemical spraying equipment (pesticides)                                | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |
| Q64_4b   | Chemical fertiliser spreader  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |
| Q64_4c   | Liquid manure/slurry spreader equipment                                 | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |
| Q64_4d   | Dry manure spreader   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |
| Q64_4e   | Other fertilising and pest control machinery (please specify / _____ /) | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |
| <b>Irrigation equipment</b>                    |   |   |  |   |  |             |
| Q64_5a   | Drip irrigation system  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |
| Q64_5b   | Sprinkler system  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |
| Q64_5c   | Other irrigation equipment (please specify / _____ /)                   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |
| <b>Harvesting machinery (crops and fruits)</b> |   |   |  |   |  |             |
| Q64_6ai  | Self-propelled harvester (grain and corn)                               | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | Harvester 1 |
| Q64_6aia                                       |   |   |  |   |  |             |
| Q64_6aib                                       |   |   |  |   |  |             |
| Q64_6aia                                       |   |   |  |   |  | Harvester 2 |
| Q64_6aib                                       |   |   |  |   |  |             |
| Q64_6bi  | Self-propelled vegetable harvester                                      | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | Harvester 1 |
| Q64_6bia                                       |   |   |  |   |  |             |
| Q64_6bib                                       |   |   |  |   |  |             |
| Q64_6bii                                       |   |   |  |   |  | Harvester 2 |

|   |   |   |  |   |  |             |  |  |
|---|---|---|--|---|--|-------------|--|--|
| Q64_6ci                                 | Harvesting machine for fruits, olives, grapes   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | Harvester 1 |  |  |
| Q64_6cii                                |   |   |  |   |  | Harvester 2 |  |  |
| Q64_6di                                 | Self-propelled shredding machine (corn)   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | Shredder 1  |  |  |
| Q64_6dii                                |   |   |  |   |  | Shredder 2  |  |  |
| Q64_6e                                  | Baler (silage corn)   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |  |  |
| Q64_6f                                  | Other harvesting machinery for crops or fruits (please specify / _____ /)   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |  |  |
| <b>Harvesting machinery (grassland)</b> |   |   |  |   |  |             |  |  |
| Q64_7a                                  | Disc mower  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |  |  |
| Q64_7b                                  | Bar mower   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |  |  |
| Q64_7c                                  | Baler (hay)   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |  |  |
| Q64_7d                                  | Baler (silage grass)  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |  |  |
| Q64_7e                                  | Hay drying: dehumidifier  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |  |  |
| Q64_7f                                  | Hay drying: hot air dryer   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |  |  |
| Q64_7g                                  | Hay drying: cold air dryer  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |  |  |
| Q64_7h                                  | Other harvesting machinery for grassland (please specify / _____ /)   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |  |  |
| <b>Animal husbandry equipment</b>       |   |   |  |   |  |             |  |  |
| Q64_8a                                  | Milking system (e.g. fishbone parlour, tandem parlour, bucket milker, piped milking machine):<br>Specify: / _____ / | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |  |  |
| Q64_8b                                  | Stable system, such as ventilation system, manure handling system, stabling (resting pens, etc.)                    | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |  |  |
| Q64_8c                                  | Other specific machinery for pig/poultry husbandry:<br>Specify: / _____ /   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |  |  |
| Q64_8d                                  | Other animal husbandry equipment:<br>Specify: / _____ /   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |             |  |  |





| Robots          |   |   |  |   |  |  |  |
|-----------------|---|---|--|---|--|--|--|
| Q64_9a          | Milking robot   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |  |  |
| Q64_9b          | Driverless tractor  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |  |  |
| Q64_9c          | Fieldwork robot (e.g. harvesting, weed control)   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |  |  |
| Other machinery |   |   |  |   |  |  |  |
| Q64_10a         | Specify: / _____ /  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |  |  |
| Q64_10b         | Specify: / _____ /  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |  |  |
| Notes           | <i>* SHARED equipment is jointly owned with other farmers. We will separately ask for outsourced production processes in the next question.</i> |   |  |   |  |  |  |

| Q 65   |   |  |   |  |  |   |
|--|---|--|---|--|--|---|
| Please indicate for the following production processes <b>whether they are usually done on your farm, and whether you usually give some away via contract work</b> (outsourcing e.g. hiring from machinery ring) (“usually” means that you should think of how you did these works in the years 2016 – 2018) |   |  |   |  |  |   |
| Production process   | [A] In 2016-2018 were the following production processes done on your farm? | [B] If yes to [A], did you give them away (partly or fully) via contract work? ( <i>machinery and added driver against payment e.g. machinery ring</i> ) | If yes to [B]   |  |  |   |
|  |   |  | [C] Please indicate the proportion of work <b>you gave away via contract work</b> (e.g. 33% if 1/3 of work is done through contract work) | [D] Indicate the usual costs for the contract work per year (including machinery and driver fee) * | [E] <i>Please specify the currency</i> |   |
| <b>Soil tillage</b>  |   |  |   |  |  |   |
| Q65_EX   | EXAMPLE: Work is done 2/3 by farmer, 1/3 through contract work              | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No   | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No  | 33 %   | 5,000                                  | € |
| Q65_1a   | Ploughing   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No   | %  |  |   |
| Q65_1b   | Soil tillage with cultivator  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No   | %  |  |   |
| Q65_1c   | Other soil tillage work (please specify / _____ /)                          | <input type="checkbox"/> Yes<br><input type="checkbox"/> No  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No   | %  |  |   |
| <b>Planting</b>  |   |  |   |  |  |   |
| Q65_2a   | Conventional seed drilling  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No   | %  |  |   |
| Q65_2b   | Precision seeding   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No   | %  |  |   |
| Q65_2c   | Direct seed drilling  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No   | %  |  |   |
| Q65_2d   | Mulch seed drilling *   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No   | %  |  |   |
| Q65_2e   | Planting of orchards, vineyards, etc.                                       | <input type="checkbox"/> Yes<br><input type="checkbox"/> No  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No   | %  |  |   |
| Q65_2f   | Other planting work (please specify / _____ /)                              | <input type="checkbox"/> Yes<br><input type="checkbox"/> No  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No   | %  |  |   |
| <b>Fertilising and pest control</b>  |   |  |   |  |  |   |
| Q65_3a   | Chemical spraying (pesticides)  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No   | %  |  |   |
| Q65_3b   | Chemical fertilising  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No   | %  |  |   |

|                                      |   |   |   |   |  |  |
|--------------------------------------|---|---|---|---|--|--|
| Q65_3c                               | Liquid manure/slurry spreading  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | % |  |  |
| Q65_3d                               | Dry manure spreading  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | % |  |  |
| Q65_3e                               | Other fertilising/pest control work (please specify / _____/)   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | % |  |  |
| <b>Harvesting (crops and fruits)</b> |   |   |   |   |  |  |
| Q65_4a                               | Grain and corn harvesting (e.g. with a self-propelled harvester)  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | % |  |  |
| Q65_4b                               | Vegetable harvesting (e.g. with a self-propelled harvester)   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | % |  |  |
| Q65_4c                               | Harvesting fruits, olives, grapes   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | % |  |  |
| Q65_4d                               | Silage maize harvesting (e.g. with a self-propelled shredding machine)  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | % |  |  |
| Q65_4e                               | Baling (silage maize)   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | % |  |  |
| Q65_4f                               | Other harvesting work for crops and fruits (please specify / _____/)  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | % |  |  |
| <b>Harvesting (grassland)</b>        |   |   |   |   |  |  |
| Q65_5a                               | Disc mowing   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | % |  |  |
| Q65_5b                               | Bar mowing  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | % |  |  |
| Q65_5c                               | Baling (hay)  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | % |  |  |
| Q65_5d                               | Baling (silage grass)   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | % |  |  |
| Q65_5e                               | Loading/transporting grass/hay  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | % |  |  |
| <b>Other works</b>                   |   |   |   |   |  |  |
| Q65_6a                               | Specify: /_____/  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | % |  |  |
| Q65_6b                               | Specify: /_____/  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | % |  |  |
| Q65_6c                               | Specify: /_____/  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | % |  |  |
| Q65_6d                               | Specify: /_____/  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | <input type="checkbox"/> Yes<br><input type="checkbox"/> No | % |  |  |
| Notes                                | <p><i>Paying modalities for contract work may differ across countries. E.g. in some countries costs are paid by hours, in others by quantity of harvesting yield. Here to specify the best fitting option for the case study area (and to sum up to costs per year).</i></p> <p><i>* Mulch sowing is a ploughless sowing method in which the plant remains of a catch crop or the straw from the previous crop cover the soil surface before and after sowing, thus protecting it from soil erosion and silting up.</i></p> |   |   |   |  |  |

*Fixed assets and investments*

| Q 66 In case you know the figures, please indicate for the years 2016 – 2018, for your farm’s owned assets (including those IN FULL AND IN SHARED ownership), the... |   |           |                          |                                      |
|--|---|-----------|--------------------------|--------------------------------------|
|  |   | [A] Value | [B] Specify the currency | [C] Tick if you don’t know the value |
| Q66_1  | ... average <b>asset value</b> of your farm’s own assets  |           |                          | <input type="checkbox"/> Don’t know  |
|  | Thereof (in case you know):   |           |                          |                                      |
| Q66_1a   | → (a) average <b>asset value</b> of your farm’s owned agricultural <b>buildings</b> only  |           |                          | <input type="checkbox"/> Don’t know  |
| Q66_1b   | → (b) average <b>asset value</b> of your farm’s owned agricultural <b>machinery</b> only  |           |                          | <input type="checkbox"/> Don’t know  |
| Q66_1c   | → (c) average <b>asset value</b> of your farm’s owned <b>orchards, olive groves and vineyards</b> only  |           |                          | <input type="checkbox"/> Don’t know  |
| Q66_2  | ... average total <b>liabilities</b> of your farm   |           |                          | <input type="checkbox"/> Don’t know  |
|  | Thereof (in case you know):   |           |                          |                                      |
| Q66_2a   | → (a) average total liabilities of agricultural <b>buildings</b> only   |           |                          | <input type="checkbox"/> Don’t know  |
| Q66_2b   | → (b) average total liabilities of agricultural <b>machinery</b> only   |           |                          | <input type="checkbox"/> Don’t know  |
| Q66_3  | ... average <b>depreciation</b> (i.e. indicate what is the annual depreciation)   |           |                          | <input type="checkbox"/> Don’t know  |
|  | Thereof (in case you know):   |           |                          |                                      |
| Q66_3a   | → (a) average depreciation of agricultural <b>buildings</b> only  |           |                          | <input type="checkbox"/> Don’t know  |
| Q66_3b   | → (b) average depreciation of agricultural <b>machinery</b> only  |           |                          | <input type="checkbox"/> Don’t know  |
| Q66_3c   | → (c) average depreciation of <b>orchards, olive groves and vineyards</b> only  |           |                          | <input type="checkbox"/> Don’t know  |
| Q66_4  | ... average <b>replacement investments</b> (yearly costs for replacing/repairing existing buildings, machinery, equipment)  |           |                          | <input type="checkbox"/> Don’t know  |
|  | Thereof (in case you know):   |           |                          |                                      |
| Q66_4a   | → (a) average replacement investments for agricultural <b>buildings</b> only  |           |                          | <input type="checkbox"/> Don’t know  |
| Q66_4b   | → (b) average replacement investments for agricultural <b>machinery</b> only  |           |                          | <input type="checkbox"/> Don’t know  |
| Q66_5  | ... total value of major <b>new investments</b> * (investments in <b>additional</b> agricultural buildings, agricultural machinery, equipment over the years 2016-2018)   |           |                          | <input type="checkbox"/> Don’t know  |
|  | Thereof (in case you know):   |           |                          |                                      |
| Q66_5a   | → (a) total value of major new investments for agricultural <b>buildings</b> only   |           |                          | <input type="checkbox"/> Don’t know  |
| Q66_5b   | → (b) total value of major new investments for agricultural <b>machinery</b> only   |           |                          | <input type="checkbox"/> Don’t know  |
| Notes  | * A <b>new investment</b> means an investment which enlarges the number of machinery/equipment/buildings or the size of equipment/buildings. It is different than a replacement investment, which represents the costs for replacing machinery or for repair machinery each year. |           |                          |                                      |

| Q 67 In the case of new investments, or big replacement investments, what was the share of equity* used in 2016-2018? |  |
|---|--|
|   | _____ % of equity capital  |
| Note  | * Equity means capital raised from own resources to finance an investment. Not loan capital. |



Variable inputs

| Q 68 Please describe the regular inputs needed for your agricultural production (Average per year over the years 2016, 2017, 2018)  |  |  |   |   |  |              |   |   |
|---|--|--|---|---|--|--------------|---|---|
|   | [A] TOTAL USED =<br>PURCHASE + OWN PRODUCTION<br>FOR OWN USE | PURCHASE: External inputs purchased for own use            |   |   |  |              | OWN PRODUCTION for own use (not for sale)                     |   |
|   |  | Average quantity of purchased inputs per year              |   | Average purchase price  |  |              | Average quantity of inputs produced on your own farm per year |   |
|   |  | [B] Quantity   | [C] Unit  | [D] Price   | [E] For which quantity (per unit or for total quantity <b>per year</b> ) | [F] Currency | [G] Quantity  | [H] Unit  |
| <b>Inputs for crop production</b>   |  |  |   |   |  |              |   |   |
| Seeds, seedlings, plantlets, and other plant materials ( <b>conventional</b> ), please specify for your 10 most important crops, as regards contribution to farm income (please also think of forage for animals) |  |  |   |   |  |              |   |   |
| Q68_1a  | Specify crop: _____  | <input type="checkbox"/> kg<br><input type="checkbox"/> m3 | <input type="checkbox"/> ton<br><input type="checkbox"/> number | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity |  |              | <input type="checkbox"/> kg<br><input type="checkbox"/> m3    | <input type="checkbox"/> ton<br><input type="checkbox"/> number |
| Q68_1b  | Specify crop: _____  | <input type="checkbox"/> kg<br><input type="checkbox"/> m3 | <input type="checkbox"/> ton<br><input type="checkbox"/> number | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity |  |              | <input type="checkbox"/> kg<br><input type="checkbox"/> m3    | <input type="checkbox"/> ton<br><input type="checkbox"/> number |
| Q68_1c  | Specify crop: _____  | <input type="checkbox"/> kg<br><input type="checkbox"/> m3 | <input type="checkbox"/> ton<br><input type="checkbox"/> number | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity |  |              | <input type="checkbox"/> kg<br><input type="checkbox"/> m3    | <input type="checkbox"/> ton<br><input type="checkbox"/> number |
| Q68_1d  | Specify crop: _____  | <input type="checkbox"/> kg<br><input type="checkbox"/> m3 | <input type="checkbox"/> ton<br><input type="checkbox"/> number | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity |  |              | <input type="checkbox"/> kg<br><input type="checkbox"/> m3    | <input type="checkbox"/> ton<br><input type="checkbox"/> number |
| Q68_1e  | Specify crop: _____  | <input type="checkbox"/> kg<br><input type="checkbox"/> m3 | <input type="checkbox"/> ton<br><input type="checkbox"/> number | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity |  |              | <input type="checkbox"/> kg<br><input type="checkbox"/> m3    | <input type="checkbox"/> ton<br><input type="checkbox"/> number |
| Q68_1f  | Specify crop: _____  | <input type="checkbox"/> kg<br><input type="checkbox"/> m3 | <input type="checkbox"/> ton<br><input type="checkbox"/> number | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity |  |              | <input type="checkbox"/> kg<br><input type="checkbox"/> m3    | <input type="checkbox"/> ton<br><input type="checkbox"/> number |
| Q68_1g  | Specify crop: _____  | <input type="checkbox"/> kg<br><input type="checkbox"/> m3 | <input type="checkbox"/> ton<br><input type="checkbox"/> number | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity |  |              | <input type="checkbox"/> kg<br><input type="checkbox"/> m3    | <input type="checkbox"/> ton<br><input type="checkbox"/> number |



|  |                     |   |   |   |
|--|---------------------|---|---|---|
| Q68_1h   | Specify crop: _____ | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> number | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> number |
| Q68_1i   | Specify crop: _____ | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> number | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> number |
| Q68_1j   | Specify crop: _____ | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> number | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> number |
| Seeds, seedlings, plantlets, and other plant materials ( <b>organic</b> ), please specify for your 10 most important crops, as regards contribution to farm income (please also think of forage for animals) |                     |   |   |   |
| Q68_2a   | Specify crop: _____ | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> number | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> number |
| Q68_2b   | Specify crop: _____ | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> number | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> number |
| Q68_2c   | Specify crop: _____ | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> number | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> number |
| Q68_2d   | Specify crop: _____ | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> number | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> number |
| Q68_2e   | Specify crop: _____ | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> number | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> number |
| Q68_2f   | Specify crop: _____ | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> number | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> number |
| Q68_2g   | Specify crop: _____ | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> number | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> number |
| Q68_2h   | Specify crop: _____ | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> number | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> number |
| Q68_2i   | Specify crop: _____ | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> number | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> number |
| Q68_2j   | Specify crop: _____ | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> number | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> number |



| Fertilisers, pest management, etc.        |   |  |  |  |   |  |  |
|---|---|--|--|--|---|--|--|
| Q68_3a                                    | Animal manure (liquid)  |  | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> litre |  | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity |  | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> litre |
| Q68_3b                                    | Animal manure (solid)   |  | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> litre |  | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity |  | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> litre |
| Q68_3c                                    | Chemical fertiliser   |  | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> litre |  | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity |  |  |
| Q68_3d                                    | Compost   |  | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> litre |  | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity |  | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> litre |
| Q68_3e                                    | Chemical pesticides   |  | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> litre |  | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity |  |  |
| Q68_3f                                    | Pesticides allowed in organic production                                      |  | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> litre |  | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity |  | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> litre |
| Q68_3g                                    | Biological control (e.g. traps, predators, etc.); If used, specify: / _____ / |  |  |  | For total quantity  |  |  |
| Q68_3h                                    | Other soil conditioners (microbial inoculant, mineral supplements)            |  | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> litre |  | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity |  | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> litre |
| Q68_3i                                    | Irrigation water  |  |  |  | <input type="checkbox"/> For total quantity   |  |  |
| Inputs for animal husbandry               |   |  |  |  |   |  |  |
| Feed for ruminants (cattle, sheep, goats) |   |  |  |  |   |  |  |
| Q68_4a                                    | Hay (conventional)  |  | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3                                |  | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity |  | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3                                |
| Q68_4b                                    | Silage (conventional)   |  | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3                                |  | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity |  | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3                                |
| Q68_4c                                    | Other forage (conventional)   |  | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3                                |  | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity |  | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3                                |



|                      |   |   |   |   |
|----------------------|---|---|---|---|
| Q68_4d               | Hay (organic)                                       | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 |
| Q68_4e               | Silage (organic)                                    | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 |
| Q68_4f               | Other forage (organic)                              | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 |
| Q68_4g               | Feed grain (conventional)                           | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 |
| Q68_4h               | Feed grain (organic)                                | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 |
| Q68_4i               | Concentrated feed (conventional)                    | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 |
| Q68_4j               | Concentrated feed (organic)                         | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 |
| Q68_4k               | Mineral feed  | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 |
| Q68_4l               | Protein feed (e.g. soy, peas, beans) (conventional) | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 |
| Q68_4m               | Protein feed (e.g. soy, peas, beans) (organic)      | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 |
| <b>Feed for pigs</b> |   |   |   |   |
| Q68_5a               | Feed grain (conventional)                           | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 |
| Q68_5b               | Feed grain (organic)                                | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 |
| Q68_5c               | Concentrated feed (conventional)                    | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 |





|                         |   |   |   |   |
|-------------------------|---|---|---|---|
| Q68_5d                  | Concentrated feed (organic)   | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 |
| Q68_5e                  | Mineral feed  | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 |
| Q68_5f                  | Soy (conventional) (e.g. soy oilcake, extracted meal, etc.) Specify:<br>/ _____ / | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 |
| Q68_5g                  | Soy (organic) (e.g. soy oilcake, extracted meal, etc.) Specify:<br>/ _____ /      | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 |
| Q68_5h                  | Potato protein (conventional)   | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 |
| Q68_5i                  | Potato protein (organic)  | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 |
| Q68_5j                  | Feed peas (conventional)  | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 |
| Q68_5k                  | Feed peas (organic)   | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 |
| <b>Feed for poultry</b> |   |   |   |   |
| Q68_6a                  | Feed grain (conventional)   | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 |
| Q68_6b                  | Feed grain (organic)  | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 |
| Q68_6c                  | Concentrated feed (conventional)  | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 |
| Q68_6d                  | Concentrated feed (organic)   | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 |
| Q68_6e                  | Mineral feed  | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 |



|                    |   |  |   |  |
|--------------------|---|--|---|--|
| Q68_6f             | Protein feed (e.g. soy, peas, beans) (conventional)     | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3                                | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3                                |
| Q68_6g             | Protein feed (e.g. soy, peas, beans) (organic)          | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3                                | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3                                |
| Q68_6h             | Oil (conventional)                                      | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> litre | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> litre |
| Q68_6i             | Oil (organic)   | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> litre | <input type="checkbox"/> Per unit specified left<br><input type="checkbox"/> For total quantity | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> litre |
| <b>Energy</b>      |   |  |   |  |
| Q68_7a             | Electricity   | Kilowatt hours (KWh)   | For total quantity  | Kilowatt hours (KWh)   |
| Q68_7b             | Fuel for agricultural production                        | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> litre | For total quantity  |  |
| Q68_7c             | Fuel for other processes (e.g. hay drying, etc.)        | <input type="checkbox"/> kg <input type="checkbox"/> ton<br><input type="checkbox"/> m3 <input type="checkbox"/> litre | For total quantity  |  |
| <b>Other costs</b> |   |  |   |  |
| Q68_8a             | Veterinary drugs and services                           |  | For total quantity  |  |
| Q68_8b             | Insurances (crops, livestock, buildings, equipment)     |  | For total quantity  |  |
| Q68_8c             | Certification costs (for labels, organic farming, etc.) |  | For total quantity  |  |
| Q68_8d             | Other costs (please specify):<br>_____                  |  | For total quantity  |  |

*Outputs – Crops and horticulture*

| <b>Q 69 Crop and horticulture production. If not relevant, please skip.<br/>Averages per year over 2016-2017-2018</b> |   |                             |    |   |   |  |   |                          |
|---|---|-----------------------------|----|---|---|--|---|--------------------------|
|   | Product   | [A] Average cultivated area |    | [B] UNIT =<br>Specify the quantity unit for yield and quantity sold | [C] Average yield (in UNIT per Ha per year) | [D] Average quantity sold (in UNIT per year) | [E] Average sale price (in currency per UNIT) | [F] Specify the currency |
| Q69_1   | Wheat   |                             | Ha | <input type="checkbox"/> kg <input type="checkbox"/> ton            |   |  |   |                          |
| Q69_2   | Maize for grain                                 |                             | Ha | <input type="checkbox"/> kg <input type="checkbox"/> ton            |   |  |   |                          |
| Q69_3   | Maize for silage                                |                             | Ha | <input type="checkbox"/> kg <input type="checkbox"/> ton            |   |  |   |                          |
| Q69_4   | Barley  |                             | Ha | <input type="checkbox"/> kg <input type="checkbox"/> ton            |   |  |   |                          |
| Q69_5   | Other cereals                                   |                             | Ha | <input type="checkbox"/> kg <input type="checkbox"/> ton            |   |  |   |                          |
| Q69_6   | Oilseeds (sunflower, rapeseed, etc.)            |                             | Ha | <input type="checkbox"/> kg <input type="checkbox"/> ton            |   |  |   |                          |
| Q69_7   | Fodder excluding silage maize (beet, pea, etc.) |                             | Ha | <input type="checkbox"/> kg <input type="checkbox"/> ton            |   |  |   |                          |
| Q69_8   | Sugar beets                                     |                             | Ha | <input type="checkbox"/> kg <input type="checkbox"/> ton            |   |  |   |                          |
| Q69_9   | Potatoes  |                             | Ha | <input type="checkbox"/> kg <input type="checkbox"/> ton            |   |  |   |                          |
| Q69_10  | Pulses (beans, lentils etc.)                    |                             | Ha | <input type="checkbox"/> kg <input type="checkbox"/> ton            |   |  |   |                          |
| Q69_11  | Greenhouse vegetables                           |                             | Ha | <input type="checkbox"/> kg <input type="checkbox"/> ton            |   |  |   |                          |
| Q69_12  | Field vegetables                                |                             | Ha | <input type="checkbox"/> kg <input type="checkbox"/> ton            |   |  |   |                          |
| Q69_13  | Grapes  |                             | Ha | <input type="checkbox"/> kg <input type="checkbox"/> ton            |   |  |   |                          |
| Q69_14  | Apples and other orchard fruits                 |                             | Ha | <input type="checkbox"/> kg <input type="checkbox"/> ton            |   |  |   |                          |
| Q69_15  | Olives  |                             | Ha | <input type="checkbox"/> kg <input type="checkbox"/> ton            |   |  |   |                          |
| Q69_16  | Other fruits and berries                        |                             | Ha | <input type="checkbox"/> kg <input type="checkbox"/> ton            |   |  |   |                          |
| Q69_17  | Hops  |                             | Ha | <input type="checkbox"/> kg <input type="checkbox"/> ton            |   |  |   |                          |
| Q69_18  | Tobacco   |                             | Ha | <input type="checkbox"/> kg <input type="checkbox"/> ton            |   |  |   |                          |
| Q69_19  | Hemp  |                             | Ha | <input type="checkbox"/> kg <input type="checkbox"/> ton            |   |  |   |                          |
| Q69_20  | Herbs and flowers                               |                             | Ha | <input type="checkbox"/> kg <input type="checkbox"/> ton            |   |  |   |                          |
| Q69_21  | Nurseries                                       |                             | Ha | <input type="checkbox"/> kg <input type="checkbox"/> ton            |   |  |   |                          |
| Q69_22  | Other   |                             | Ha | <input type="checkbox"/> kg <input type="checkbox"/> ton            |   |  |   |                          |

*Outputs – Livestock*

| <b>Q 70 Livestock purchases and sales. If not relevant, please skip.<br/>Yearly averages over 2016-2017-2018</b> |                          |   |  |   |  |   |   |   |
|--|--------------------------|---|--|---|--|---|---|---|
|  | Type of livestock        | PURCHASES   |  |   | SALES  |   |   | [G]<br>Specify the currency for both prices |
|  |                          | [A]<br>Average number of animals purchased per year | [B]<br>Average weight of purchased animal (in Kg per head) | [C]<br>Average purchase price per animal (in currency per head) | [D]<br>Average number of animals sold per year | [E]<br>Average weight of sold alive animal (in Kg per head) | [F]<br>Average sale price per animal (in currency per head) |   |
| Q70_1  | Dairy cows               |   |  |   |  |   |   |   |
| Q70_2  | Cull dairy cows          |   |  |   |  |   |   |   |
| Q70_3  | Calves for fattening     |   |  |   |  |   |   |   |
| Q70_4  | Suckler cows             |   |  |   |  |   |   |   |
| Q70_5  | Other cattle             |   |  |   |  |   |   |   |
| Q70_6  | Goats (breeding females) |   |  |   |  |   |   |   |
| Q70_7  | Other goats              |   |  |   |  |   |   |   |
| Q70_8  | Ewes                     |   |  |   |  |   |   |   |
| Q70_9  | Other sheep              |   |  |   |  |   |   |   |
| Q70_10   | Breeding sows            |   |  |   |  |   |   |   |
| Q70_11   | Other pigs               |   |  |   |  |   |   |   |
| Q70_12   | Laying hens              |   |  |   |  |   |   |   |
| Q70_13   | Other chicken            |   |  |   |  |   |   |   |
| Q70_14   | Other poultry            |   |  |   |  |   |   |   |
| Q70_15   | Other animals            |   |  |   |  |   |   |   |

*Outputs – Agricultural products*

| Q 71 Agricultural products. If not relevant, please skip.<br>Yearly averages over 2016-2017-2018. |   |  |                        |  |                           |                             |                           |                            |
|---|---|--|------------------------|--|---------------------------|-----------------------------|---------------------------|----------------------------|
|   | Product                                     | [A]<br>Average quantity<br>produced per year |                        | [B]<br>Average quantity<br>sold per year |                           | Average sale price per year |                           |                            |
|   |   | Quantity                                     |                        | Quantity                                 |                           | [C]<br>Price                | [D]<br>Unit               | [E]<br>Specify<br>currency |
| Q71_1   | Cow milk                                    |  | Litres                 |  | Litres                    |                             | / Litre                   |                            |
| Q71_2   | Sheep milk                                  |  | Litres                 |  | Litres                    |                             | / Litre                   |                            |
| Q71_3   | Goat milk                                   |  | Litres                 |  | Litres                    |                             | / Litre                   |                            |
| Q71_4   | Cheese                                      |  | Kg                     |  | Kg                        |                             | / Kg                      |                            |
| Q71_5   | Butter                                      |  | Kg                     |  | Kg                        |                             | / Kg                      |                            |
| Q71_6   | Yoghurt                                     |  | Kg                     |  | Kg                        |                             | / Kg                      |                            |
| Q71_7   | Cream                                       |  | Kg                     |  | Kg                        |                             | / Kg                      |                            |
| Q71_8   | Eggs  |  | Pieces                 |  | Pieces                    |                             | / Piece                   |                            |
| Q71_9   | Meat, raw or transformed<br>except sausages |  | Kg                     |  | kg                        |                             | / Kg                      |                            |
| Q71_10  | Sausages                                    |  | Kg                     |  | Kg                        |                             | / Kg                      |                            |
| Q71_11  | Pickled vegetables                          |  | Kg                     |  | Kg                        |                             | / Kg                      |                            |
| Q71_12  | Jam   |  | Kg                     |  | Kg                        |                             | / Kg                      |                            |
| Q71_13  | Wine  |  | Litres                 |  | Litres                    |                             | / Litre                   |                            |
| Q71_14  | Spirits                                     |  | Litres                 |  | Litres                    |                             | / Litre                   |                            |
| Q71_15  | Flour                                       |  | Kg                     |  | Kg                        |                             | / Kg                      |                            |
| Q71_16  | Olive oil                                   |  | Litres                 |  | Litres                    |                             | /Litre                    |                            |
| Q71_17  | Honey                                       |  | Kg                     |  | Kg                        |                             | / Kg                      |                            |
| Q71_18  | Timber                                      |  | m3                     |  | m3                        |                             | / m3                      |                            |
| Q71_19  | Other (specify / _____ /)                   |  | Specify<br>unit: _____ |  | Specify<br>unit:<br>_____ |                             | Specify<br>unit:<br>_____ |                            |

## Section 5

### Subsidies and income

| Q 72 How much public subsidies did you receive for your farm in 2018?<br>In case payment modalities are frequent (e.g. quarterly), please sum up to annual payments. |  |       |                      |
|--|--|-------|----------------------|
|  |  | Value | Specify the currency |
| Q72_tot  | <b>Total amount of public subsidies in 2018</b><br>(this includes subsidies (a), (b), (c) and (d) below)     | _____ |                      |
| If possible, please describe the <b>details of the subsidies</b> you received in 2018  |  |       |                      |
| Q72_a  | (a) Total amount of EU subsidies <b>from CAP 1st Pillar</b><br>→ Thereof:                                    | _____ |                      |
| Q72_ai   | (i) Basic Scheme Payment, and/or Single Farm Payment, and/or Single Area Payment                             | _____ |                      |
| Q72_aii  | (ii) Coupled subsidies   | _____ |                      |
| Q72_b  | (b) Total amount of EU subsidies <b>from CAP 2nd Pillar</b><br>→ Thereof:                                    | _____ |                      |
| Q72_bi   | (i) Less Favoured Area (LFA) payments  | _____ |                      |
| Q72_bii  | (ii) Subsidies for organic farming   | _____ |                      |
| Q72_biii   | (iii) Other agri-environmental and climate change payments (without forestry payments)                       | _____ |                      |
| Q72_biv  | (iv) Other rural development payments (e.g. for physical investments, modernisation, quality standards etc.) | _____ |                      |
| Q72_c  | (c) Total amount of EU Payments linked to <b>Natura 2000</b> and the <b>Water Framework Directive</b>        | _____ |                      |
| Q72_d  | (d) Total amount of <b>non-EU public subsidies</b> (State, local government)                                 | _____ |                      |

|   |   |  |  |  |  |  |
|---|---|--|--|--|--|--|
| <b>Q 73</b>   | <b>Could you please indicate your total net household income in 2018?</b>   |  |  |  |  |  |
| Q73_A   | Value: _____ (specify currency: _____)  |  |  |  |  |  |
| Q73_B   | <p><b>If you can't tell us the figure, please indicate a range your income lies within.</b><br/> <i>Notes: bands and currency to be adapted before survey per case study area.</i></p> <table border="1"> <tr> <td style="text-align: center;"> <b>Very low</b><br/>           &lt; xx,xxx<br/> <input type="checkbox"/> </td> <td style="text-align: center;"> <b>Low</b><br/>           xx,xxx – xx,xxx<br/> <input type="checkbox"/> </td> <td style="text-align: center;"> <b>Medium</b><br/>           xx,xxx – xx,xxx<br/> <input type="checkbox"/> </td> <td style="text-align: center;"> <b>High</b><br/>           xx,xxx – xx,xxx<br/> <input type="checkbox"/> </td> <td style="text-align: center;"> <b>Very high</b><br/>           &gt; xx,xxx<br/> <input type="checkbox"/> </td> </tr> </table> | <b>Very low</b><br>< xx,xxx<br><input type="checkbox"/>      | <b>Low</b><br>xx,xxx – xx,xxx<br><input type="checkbox"/>  | <b>Medium</b><br>xx,xxx – xx,xxx<br><input type="checkbox"/> | <b>High</b><br>xx,xxx – xx,xxx<br><input type="checkbox"/> | <b>Very high</b><br>> xx,xxx<br><input type="checkbox"/> |
| <b>Very low</b><br>< xx,xxx<br><input type="checkbox"/> | <b>Low</b><br>xx,xxx – xx,xxx<br><input type="checkbox"/>   | <b>Medium</b><br>xx,xxx – xx,xxx<br><input type="checkbox"/> | <b>High</b><br>xx,xxx – xx,xxx<br><input type="checkbox"/> | <b>Very high</b><br>> xx,xxx<br><input type="checkbox"/>     |  |  |
| Notes   | <p><b>Total household income</b> is a measure of the combined incomes of all people belonging to the household*. It includes every form of income, e.g. farm income, salaries and wages from off-farm employment, retirement income, investment gains, etc.</p> <p><b>Total NET household income</b> is total household income, after taxes and mandatory contributions (e.g. social-security) have been deducted.</p> <p>* A household consists of one or more people who live in the same home and share meals.</p>   |  |  |  |  |  |

|   |   |  |  |  |  |  |
|---|---|--|--|--|--|--|
| <b>Q 74</b>   | <b>Could you please indicate your net household income from farming in 2018?</b>  |  |  |  |  |  |
| Q74_A   | Value: _____ (specify currency: _____)  |  |  |  |  |  |
| Q74_B   | <p><b>If you can't tell us the figure, please indicate a range your income lies within.</b><br/> <i>Notes: bands and currency to be adapted before survey per case study area.</i></p> <table border="1"> <tr> <td style="text-align: center;"> <b>Very low</b><br/>           &lt; xx,xxx<br/> <input type="checkbox"/> </td> <td style="text-align: center;"> <b>Low</b><br/>           xx,xxx – xx,xxx<br/> <input type="checkbox"/> </td> <td style="text-align: center;"> <b>Medium</b><br/>           xx,xxx – xx,xxx<br/> <input type="checkbox"/> </td> <td style="text-align: center;"> <b>High</b><br/>           xx,xxx – xx,xxx<br/> <input type="checkbox"/> </td> <td style="text-align: center;"> <b>Very high</b><br/>           &gt; xx,xxx<br/> <input type="checkbox"/> </td> </tr> </table> | <b>Very low</b><br>< xx,xxx<br><input type="checkbox"/>      | <b>Low</b><br>xx,xxx – xx,xxx<br><input type="checkbox"/>  | <b>Medium</b><br>xx,xxx – xx,xxx<br><input type="checkbox"/> | <b>High</b><br>xx,xxx – xx,xxx<br><input type="checkbox"/> | <b>Very high</b><br>> xx,xxx<br><input type="checkbox"/> |
| <b>Very low</b><br>< xx,xxx<br><input type="checkbox"/> | <b>Low</b><br>xx,xxx – xx,xxx<br><input type="checkbox"/>   | <b>Medium</b><br>xx,xxx – xx,xxx<br><input type="checkbox"/> | <b>High</b><br>xx,xxx – xx,xxx<br><input type="checkbox"/> | <b>Very high</b><br>> xx,xxx<br><input type="checkbox"/>     |  |  |
| Notes   | <p><b>Total household income</b> is a measure of the combined incomes of all people belonging to the household*. It includes every form of income, e.g. farm income, salaries and wages from off-farm employment, retirement income, investment gains, etc.</p> <p><b>Total NET household income</b> is total household income, after taxes and mandatory contributions (e.g. social-security) have been deducted.</p> <p><b>Net household income from farming</b> is agricultural income, without forestry, agri-tourism, contract work, off farm employment.</p> <p>* A household consists of one or more people who live in the same home and share meals.</p>   |  |  |  |  |  |

## Section 6

### Contracting for agricultural outputs

|             |  |
|-------------|--|
| <b>Q 75</b> | <b>Which one of the following option best represents your marketing behaviour for your agricultural output?</b>  |
|             | <input type="checkbox"/> <b>[A]</b> You decide to sell your next year's production in advance by contract and for this you are assured of a guaranteed price   |
|             | <input type="checkbox"/> <b>[B]</b> You decide to wait and sell your production later knowing that the price at the time of sales may be either higher or lower than the contract price in alternative [A] |
|             | <input type="checkbox"/> <b>[C]</b> You are indifferent between the two options [A] and [B]  |

|             |   |
|-------------|---|
| <b>Q 76</b> | <b>In 2018 did you have at least one contract for your output?</b>  |
| Q76_1       | <input type="checkbox"/> Yes <input type="checkbox"/> No  |
| Q76_2       | If yes, the selling contract that generated the largest turnover * to you, was ( <i>one answer only</i> ):  |
|             | <input type="checkbox"/> An individual contract concluded on a stand-alone basis ( <i>where a farmer is contracting directly with the firm</i> )  |
|             | <input type="checkbox"/> A collective framework contract ( <i>where e.g. a producers' group or agricultural cooperative is contracting with a downstream firm, and each farmer has an individual contract with the producers' group or agricultural cooperative</i> ) |
| Notes       | * Turnover represents farm's income from net sales plus payments/subsidies before costs/taxes.  |

**For this contract, please answer the following questions.**

**If you did not have a contract for your output in 2018, please go directly to next section.**





|             |  |
|-------------|--|
| <b>Q 77</b> | <b>With whom did you, as a farmer, had this contract?</b><br><i>Multiple selections are allowed</i>  |
|             | <input type="checkbox"/> Group of farmers<br><input type="checkbox"/> Agricultural cooperative<br><input type="checkbox"/> Processing firm<br><input type="checkbox"/> Retailer<br><input type="checkbox"/> Other ( <i>please specify: / _____ /</i> ) |

|             |  |
|-------------|--|
| <b>Q 78</b> | <b>Did this contract specify any quality requirements you were bound to?</b>   |
| Q78_1       | <input type="checkbox"/> Yes <input type="checkbox"/> No   |
| Q78_2       | If yes, what were they based on? ( <i>multiple selections are allowed</i> ):<br><input type="checkbox"/> Origin of the input procurement<br><input type="checkbox"/> Input quality specification<br><input type="checkbox"/> Specific production process or technology adoption<br><input type="checkbox"/> Labour conditions<br><input type="checkbox"/> Environmental specification  |
| Q78_3       | If it was based on environmental specification, what did it concern? ( <i>multiple selections are allowed</i> ):<br><input type="checkbox"/> Pesticides use<br><input type="checkbox"/> Antibiotics use<br><input type="checkbox"/> Energy use<br><input type="checkbox"/> Soil quality<br><input type="checkbox"/> Biodiversity<br><input type="checkbox"/> Other environmental requirements ( <i>please specify: / _____ /</i> ) |

|             |  |
|-------------|--|
| <b>Q 79</b> | <b>Did this contract specify any quantity requirements you were bound to? (<i>multiple selections are allowed</i>)</b>   |
|             | <input type="checkbox"/> Fixed quantity ( <i>The contract specified the amount to be delivered under the contract. It may be the total quantity produced.</i> )<br><input type="checkbox"/> A minimum quantity ( <i>The contract specified a minimal production volume to be delivered.</i> )<br><input type="checkbox"/> No quantity requirements |



| Q 80 | Did this contract specify any price formula? Please select below what was true for this contract. (multiple selections are allowed)  |
|------|--|
|      | <input type="checkbox"/> Fixed price (Such contract specifies a pre-determined price for which the product is delivered. If the market price is higher than the fixed price, the farmer will not benefit from this higher market price.) |
|      | <input type="checkbox"/> Minimum price (Such contract guarantees a minimum price. If the market prices at the moment of delivery are higher than the specified minimum price, the farmer will benefit from this higher price.)           |
|      | <input type="checkbox"/> Spot market price (In this case, the price a farmer receives depends on the market price at the moment of delivery.)  |
|      | <input type="checkbox"/> Pooling price (Pool contracts average the market value of a commodity over a specified period. The price received reflects the average price over months of market activities.)                                 |
|      | <input type="checkbox"/> No price formula  |

| Q 81  | Did this contract specify any duration?   |
|-------|---|
| Q81_1 | <input type="checkbox"/> Yes <input type="checkbox"/> No  |
| Q81_2 | If yes, what was the specification? (multiple selections are allowed)<br><input type="checkbox"/> One year or less<br><input type="checkbox"/> Multiple years |
| Q81_3 | If multiple years, please specify the number of years: _____ years  |

| Q 82 | Was this contract tacitly renewed?                       |
|------|--|
|      | <input type="checkbox"/> Yes <input type="checkbox"/> No |

| Q 83  | Did you have to make some investment to subscribe the contract?  |
|-------|--|
| Q83_1 | <input type="checkbox"/> Yes <input type="checkbox"/> No   |
| Q83_2 | If yes, what types of investment? (multiple selections are allowed)<br><input type="checkbox"/> Equipment<br><input type="checkbox"/> Training<br><input type="checkbox"/> Other (please specify: / _____ /) |

| Q 84 | What other requirements did this contract enforce you to do?  |
|------|---|
|      | <input type="checkbox"/> Other requirements (please specify: / _____ /)<br><input type="checkbox"/> No other requirements |

## Section 7

### Future policies

|             |  |
|-------------|--|
| <b>Q 85</b> | <b>According to you, should CAP Pillar I direct payments be more tightly linked with mandatory requirements on the adoption of ecological practices *?</b>   |
| Q_85        | <input type="checkbox"/> Yes <input type="checkbox"/> No   |
| Q85_a       | <p>If yes, what type of environmental requirements do you think should be mandatory to receive Pillar I direct payments? (<i>multiple selections are allowed</i>)</p> <p><input type="checkbox"/> Achieving a given level of crop rotation</p> <p><input type="checkbox"/> Preserving permanent grassland</p> <p><input type="checkbox"/> Maintaining some land specifically devoted to biodiversity-friendly practices</p> <p><input type="checkbox"/> Compliance with a farm sustainability tool on nutrient management **</p> <p><input type="checkbox"/> Protecting wetland/peatland</p> |
| Notes       | <p>* Ecological farming practices are those understood to promote environmental and/or social benefits.</p> <p>**As part of the new CAP proposals for 2021-2027, a new tool is being developed to help farmers manage the use of nutrients on their farm: the Farm Sustainability Tool for Nutrients (FaST), a nutrient management plan, which gives customised recommendations on crop fertilisation for the farm selected.</p>   |

| <b>Q 86</b> | <b>To what extent do these statements describe your attitude and beliefs?</b>   |                          |                           |                                  |                          |                          |
|-------------|---|--------------------------|---------------------------|----------------------------------|--------------------------|--------------------------|
|             |   | <b>Strongly disagree</b> | <b>Some what disagree</b> | <b>Neither agree or disagree</b> | <b>Some what agree</b>   | <b>Strongly agree</b>    |
|             |   | <b>1</b>                 | <b>2</b>                  | <b>3</b>                         | <b>4</b>                 | <b>5</b>                 |
| Q86_1       | Collaborative efforts in the adoption of ecological practices between neighbouring farmers should be rewarded   | <input type="checkbox"/> | <input type="checkbox"/>  | <input type="checkbox"/>         | <input type="checkbox"/> | <input type="checkbox"/> |
| Q86_2       | I can think of ecological practices * for which adoption by a sufficient share of neighbouring farmers would lower my cost of adoption                          | <input type="checkbox"/> | <input type="checkbox"/>  | <input type="checkbox"/>         | <input type="checkbox"/> | <input type="checkbox"/> |
| Q86_3       | I am keen to participate in an agri-environmental scheme in which the amount of subsidy I receive depends on both me and my neighbours' uptake of new practices | <input type="checkbox"/> | <input type="checkbox"/>  | <input type="checkbox"/>         | <input type="checkbox"/> | <input type="checkbox"/> |
| Q86_4       | The environmental impact of my uptake of an ecological practice * can be impeded by my neighbours' decisions  | <input type="checkbox"/> | <input type="checkbox"/>  | <input type="checkbox"/>         | <input type="checkbox"/> | <input type="checkbox"/> |
| Notes       | * Ecological farming practices are those understood to promote environmental and/or social benefits.  |                          |                           |                                  |                          |                          |



|             |   |  |
|-------------|---|--|
| <b>Q 87</b> | <b>Have you ever engaged in service provision arrangements with an environmental focus funded by:</b>   |  |
| Q87_1       | <b>Public funds (excluding AES; e.g. funded by municipality)</b>  | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Q87_1a      | If yes, what environmental issue(s) did it relate to? <i>(multiple selections are allowed)</i><br><input type="checkbox"/> Water quality<br><input type="checkbox"/> Soil erosion<br><input type="checkbox"/> Biodiversity<br><input type="checkbox"/> Flood control<br><input type="checkbox"/> Other (please specify: / _____ / ) |  |
| Q87_2       | <b>Private funds</b>  | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Q87_2a      | If yes, what environmental issue(s) did it relate to? <i>(multiple selections are allowed)</i><br><input type="checkbox"/> Water quality<br><input type="checkbox"/> Soil erosion<br><input type="checkbox"/> Biodiversity<br><input type="checkbox"/> Flood control<br><input type="checkbox"/> Other (please specify: / _____ / ) |  |

|             |   |  |
|-------------|---|--|
| <b>Q 88</b> | <b>Have you ever benefited from <i>de minimis</i> aid *?</b>  |  |
|             | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> I don't know  |  |
| Q88_a       | If yes, what environmental issue(s) did it relate to? <i>(multiple selections are allowed)</i><br><input type="checkbox"/> Water quality<br><input type="checkbox"/> Soil erosion<br><input type="checkbox"/> Biodiversity<br><input type="checkbox"/> Flood control<br><input type="checkbox"/> Other (please specify: / _____ / )   |  |
| Notes       | <i>* The overall aim of the de minimis principle is allow comparatively small amounts of support to be offered without being caught by State aid rules. In the agricultural sector, de minimis aid is "aid granted to a single undertaking over a given period of time that does not exceed a certain fixed amount, is deemed not to meet all the criteria laid down in Article 107(1) of the Treaty and is therefore not subject to the notification procedure." (CE regulation 1408/2013, paragraph 2) (see <a href="https://eur-lex.europa.eu/legal-content/fr/ALL/?uri=CELEX%3A32013R1408">https://eur-lex.europa.eu/legal-content/fr/ALL/?uri=CELEX%3A32013R1408</a>). French exemples include: 'crédit d'impôt en faveur de l'agriculture biologique', 'exonération de la Taxe Foncière sur le Non Bâti au bénéfice de l'agriculture biologique'.</i> |  |

**THANK YOU FOR YOUR TIME!**