ANNEXES

to the Proposal for a

REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

on integrated farm statistics and repealing Regulations (EC) No 1166/2008 and (EU) No 1337/2011

**ANNEX I - Livestock unit coefficients**

|  |  |  |
| --- | --- | --- |
| ***Type of animal*** | ***Characteristic of animal*** | ***Coefficient*** |
| **Bovine animals** | Less than 1 year old | 0.400 |
| 1 to less than 2 years old | 0.700 |
| Male, 2 years old and over | 1.000 |
| Heifers, 2 years old and over | 0.800 |
| Dairy cows | 1.000 |
| Non-dairy cows | 0.800 |
| **Sheep and goats** | 0.100 |
| **Pigs** | Piglets, live weight of under 20 kg | 0.027 |
| Breeding sows, live weight 50 kg and over | 0.500 |
| Other pigs | 0.300 |
| **Poultry** | Broilers | 0.007 |
| Laying hens | 0.014 |
| **Other poultry** |  |
| Turkeys | 0.030 |
| Ducks | 0.010 |
| Geese | 0.020 |
| Ostriches | 0.350 |
| Other poultry fowls n.e.c. | 0.001 |
| **Rabbits, breeding females** | 0.020 |

**Annex II – List of the physical thresholds[[1]](#footnote-1)**

|  |  |
| --- | --- |
| ***Item*** | ***Threshold*** |
| Utilised agricultural area | 5 ha |
| Arable land | 2 ha |
| Potatoes | 0.5 ha |
| Fresh vegetables and strawberries | 0.5 ha |
| Aromatic, medicinal and culinary plants, flowers and ornamental plants, seeds and seedlings, nurseries | 0.2 ha |
| Fruit trees, berries, nut trees, citrus fruit trees, other permanent crops excluding nurseries, vineyards and olive trees | 0.3 ha |
| Vineyards | 0.1 ha |
| Olive trees  | 0.3 ha |
| Greenhouses | 100 m2 |
| Cultivated mushrooms | 100 m2 |
| Livestock  | 1.5 livestock units |

**Annex III – Core data: Information to be provided**

| ***General characteristics*** | ***Units/Categories*** |
| --- | --- |
| **Survey information** |  |
| - | Agricultural holding identifier | holding ID |
| **Location of the holding** |  |
| - | Geographical location  | Inspire 1 km Equal Area grid cell code |
| - | NUTS 3 region | NUTS 3 code |
| - | The holding has areas designated as facing natural constraints under Regulation No 1305/2013.  | L/M/O/N[[2]](#footnote-2) |
| **Legal personality of the holding** |  |
| - | Legal and economic responsibility of the holding is assumed by a: |  |
| - | Natural person who is sole holder, where the holding is independent | yes/no |
| - | - | If yes, is the holder also the manager | yes/no |
| - | - | If no, is the manager a member of the holder´s family? | yes/no |
| - | - | If yes, is the manager the spouse of the holder? | yes/no |
| - | One or more natural persons who is/are a partner, where the holding is a holding-group | yes/no |
| - | Legal person | yes/no |
| - | The holding is a common land unit | yes/no |
| The holder is a beneficiary of EU support for land or animals on the holding and thus included in IACS | yes/no |
| **Manager of the holding** |  |
| - | Year of birth | year |
| - | Sex | male/female |
| - | Farm work on the holding (apart from household work) | AWU bands[[3]](#footnote-3) |
| - | Agricultural training of manager | training codes |
| - | Vocational training undertaken during the last 12 months | yes/no |
| **Type of tenure of the utilised agricultural area (in relation to the holder)** |  |
| - | Farming on own land | ha |
| - | Farming on rented land | ha |
| - | Share farming or other tenure modes | ha |
| - | Common land | ha |
| **Organic farming** | yes/no |
| - | Total utilised agricultural area of the holding on which organic farming production methods are applied and certified according to national or European Union rules | ha |
| - | Total utilised agricultural area of the holding that is under conversion to organic production methods to be certified according to national or European Union rules | ha |
| **Participation in other environmental certification schemes** | yes/no |
| **Importance of other gainful activities directly related to the holding** |  |
| - | Percentage of the final economic output of the holding | % bands[[4]](#footnote-4) |

| ***Land characteristics*** | ***Total main area*** | ***of which organic farming certified and/or under conversion*** |
| --- | --- | --- |
| **Utilised agricultural area (UAA)** | ha | ha |
| **-** | **Arable land** | ha | ha |
| - | - | Cereals for the production of grain (including seed) | ha | ha |
| - | - | - | Common wheat and spelt | ha |  |
| - | - | - | Durum wheat | ha |  |
| - | - | - | Rye and winter cereal mixtures (maslin) | ha |  |
| - | - | - | Barley | ha |  |
| - | - | - | Oats and spring cereal mixtures (mixed grain other than maslin) | ha |  |
| - | - | - | Grain maize and corn-cob mix | ha |  |
| - | - | - | Triticale | ha |  |
| - | - | - | Sorghum | ha |  |
| - | - | - | Other cereals n.e.c. (buckwheat, millet, canary seed, etc.) | ha |  |
| - | - | - | Rice | ha |  |
| - | - | Dry pulses and protein crops for the production of grain (including seed and mixtures of cereals and pulses) | ha | ha |
| - | - | - | Field peas, beans and sweet lupins | ha |  |
| - | - | Root crops | ha | ha |
| - | - | - | Potatoes (including seed potatoes) | ha | ha |
| - | - | - | Sugar beet (excluding seed) | ha | ha |
| - | - | - | Other root crops n.e.c. | ha |  |
| - | - | Industrial crops | ha | ha |
| - | - | - | Oilseeds | ha | ha |
| - | - | - | - | Rape and turnip rape seeds | ha |  |
| - | - | - | - | Sunflower seed | ha |  |
| - | - | - | - | Soya | ha |  |
| - | - | - | - | Linseed (oilflax) | ha |  |
| - | - | - | - | Other oilseed crops n.e.c. | ha |  |
| - | - | - | Fibre crops | ha |  |
| - | - | - | - | Fibre flax | ha |  |
| - | - | - | - | Hemp | ha |  |
| - | - | - | - | Cotton | ha |  |
| - | - | - | - | Other fibre crops n.e.c. | ha |  |
| - | - | - | Tobacco | ha |  |
| - | - | - | Hops | ha |  |
| - | - | - | Aromatic, medicinal and culinary plants | ha |  |
| - | - | - | Energy crops n.e.c. | ha |  |
| - | - | - | Other industrial crops n.e.c. | ha |  |
| - | - | Plants harvested green from arable land | ha | ha |
| - | - | - | Temporary grasses and grazings | ha | ha |
| - | - | - | Leguminous plants harvested green | ha |  |
| - | - | - | Green maize | ha |  |
| - | - | - | Other cereals harvested green (excluding green maize) | ha |  |
| - | - | - | Other plants harvested green from arable land n.e.c. | ha |  |
| - | - | Fresh vegetables (including melons) and strawberries | ha | ha |
| - | - | - | Fresh vegetables (including melons) and strawberries grown in rotation with horticultural crops (market gardening) | ha |  |
| - | - | - | Fresh vegetables (including melons) and strawberries grown in rotation with non-horticultural crops (open field)  | ha |  |
| - | - | Flowers and ornamental plants (excluding nurseries) | ha |  |
| - | - | Seeds and seedlings | ha | ha |
| - | - | Other arable land crops n.e.c. | ha |  |
| - | - | Fallow land | ha |  |
| - | **Permanent grassland** | ha | ha |
| - | - | Pasture and meadow, excluding rough grazings  | ha | ha |
| - | - | Rough grazings  | ha | ha |
| - | - | Permanent grassland no longer used for production purposes and eligible for the payment of subsidies  | ha |  |
| **-** | **Permanent crops (including young and temporarily abandoned plantations, excluding areas producing for own consumption only)** | ha | ha |
| - | - | Fruits, berries and nuts (excluding citrus fruits, grapes and strawberries) | ha | ha |
| - | - | - | Pome fruits | ha |  |
| - | - | - | Stone fruits | ha |  |
| - | - | - | Fruits from subtropical and tropical climate zones | ha |  |
| - | - | - | Berries (excluding strawberries) | ha |  |
| - | - | - | Nuts | ha |  |
| - | - | Citrus fruits | ha | ha |
| - | - | Grapes | ha |  |
| - | - | - | Grapes for wines | ha | ha |
| - | - | - | - | Grapes for wines with protected designation of origin (PDO) | ha |  |
| - | - | - | - | Grapes for wines with protected geographical indication (PGI) | ha |  |
| - | - | - | - | Grapes for other wines n.e.c. (without PDO/PGI) | ha |  |
| - | - | - | Grapes for table use | ha |  |
| - | - | - | Grapes for raisins | ha |  |
| - | - | Olives | ha | ha |
| - | - | Nurseries | ha |  |
| - | - | Other permanent crops including other permanent crops for human consumption | ha |  |
| - | - | - | Christmas trees | ha |  |
| - | **Kitchen gardens** | ha |  |
| **Other farmland** | ha |  |
| - | Unutilised agricultural land | ha |  |
| - | Wooded area | ha |  |
| - | - | Short rotation coppices | ha |  |
| - | Other land (land occupied by buildings, farmyards, tracks, ponds and other non-productive areas) | ha |  |
| **Special holding areas**  |  |  |
| - | Cultivated mushrooms | ha |  |
| **Utilised agricultural area under glass or high accessible cover** (already included in the total main areas above)  | ha |  |
| - | Vegetables, including melons and strawberries under glass or high accessible cover | ha | ha |
| - | Flowers and ornamental plants (excluding nurseries) under glass or high accessible cover | ha |  |
| - | Other arable land crops under glass or high accessible cover |  |  |
| - | Permanent crops under glass or high accessible cover | ha |  |
| - | Other UAA under glass or high accessible cover n.e.c. | ha |  |
| **Irrigation on cultivated outdoor area** |  |  |
| - | Total irrigable area | ha |  |

| ***Livestock characteristics*** | ***Total number of animals*** | ***of which organic farming certified and/or under conversion*** |
| --- | --- | --- |
| **Bovine animals** |  | head |
| - | Bovine animals less than one year | head |  |
| - | Bovine animals, 1 to less than 2 years | head |  |
| - | - | Male bovine animals, 1 to less than 2 years | head |  |
| - | - | Heifers, 1 to less than 2 years | head |  |
| - | Male bovine animals two years old and over | head |  |
| - | Female bovine 2 years and over | head |  |
| - | - | Heifers two years old and over | head |  |
| - | - | Cows | head |  |
| - | - | - | Dairy cows | head |  |
| - | - | - | Non-dairy cows | head |  |
| **Sheep and goats** |  | head |
| - | Sheep (all ages) | head |  |
| - | - | Breeding females | head |  |
| - | - | Other sheep | head |  |
| - | Goats (all ages) | head |  |
| - | - | Breeding females | head |  |
| - | - | Other goats | head |  |
| **Pigs** |  | head |
| - | Piglets, live weight of under 20 kg | head |  |
| - | Breeding sows, live weight 50 kg and over | head |  |
| - | Other pigs | head |  |
| **Poultry** |  | head |
| - | Broilers | head |  |
| - | Laying hens | head |  |
| - | - | Laying hens producing egg for consumption | head |  |
| - | - | Other laying hens | head |  |
| - | Other poultry | head |  |
| - | - | Turkeys | head |  |
| - | - | Ducks | head |  |
| - | - | Geese | head |  |
| - | - | Ostriches | head |  |
| - | - | Other poultry fowls n.e.c. | head |  |
| **Rabbits** |  |  |
| - | Breeding females | head |  |
| **Bees** | hives |  |
| **Deer**  | yes/no |  |
| **Fur animals** | yes/no |  |
| **Livestock n.e.c.** | yes/no |  |

**Annex IV – Topics and detailed topics within the module data**

| ***Module*** | ***Topic*** | ***Detailed topic*** |
| --- | --- | --- |
| **Labour force** **and other gainful activities** | **Sustainability of farm management** | Age of the holder  |
| **Other gainful activities** | Labour input in other gainful activities, directly related to the farm activity, as main or secondary activity |
| Importance of other gainful activities directly related to the holding |
| Other gainful activities |
| **Profitability and efficiency of agricultural production** | Farm labour force  |
| **Gender equity** | Sex of the holder  |
| Gender balance of labour force  |
| **Dependency on agricultural income** | Other gainful activity, non-farm work outside the holding, main or subsidiary: |
| Holder  |
| Manager |
| Family labour force |
| **Impact on employment** | Number of persons employed  |
| **Link with agricultural labour input** | Paid labour force  |
| **Labour input measurements** | Number of persons employed  |
| Non-regular labour force employed by the farm  |
| Labour input by contractors |

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| ***Module*** | ***Topic*** | ***Detailed topic*** |
| **Rural development**  | **Holdings supported by Rural development measures** | Advisory, farm management and farm relief services |
| Farm and business development  |
| Quality schemes for agricultural products and foodstuffs |
| Investments in physical assets |
| Restoring agriculture production potential damaged by natural disasters and catastrophic events and introduction of appropriate prevention actions |
| Investments in forest area development and improvement of the viability forests  |
| Agri-environment payments climate  |
| Organic farming  |
| Payments link to Natura 2000 and the water framework directive  |
| Payments to areas facing natural or other specific constraints |
| Animal welfare  |
| Risk management  |

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| ***Module*** | ***Topic*** | ***Detailed topic*** |
| **Animal housing and manure management** | **Animal housing** | Bovine housing  |
| Pig housing |
| Laying hen housing. |
| **Nutrient use and manure production on the farm** | UAA fertilised  |
| Manure available for use |
| Organic and waste based fertilizers other than manure |
| **Manure application techniques** | Type of spread  |
| Incorporation time  |
| **Facilities for manure**  | Manure treatment facilities |
| Manure storage facilities |

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| ***Module*** | ***Topic*** | ***Detailed topic*** |
| **Irrigation**  | **Irrigation practices**  | Availability of irrigation  |
| Irrigation methods  |
| Sources of irrigation water  |
| Technical parameters of the irrigation equipment  |
| **Crops irrigated during a 12 months period** | Cereals for the production of grain  |
| Dry pulses and protein crops for the production of grain  |
| Root crops  |
| Industrial crops  |
| Plants harvested green from arable land  |
| Other arable land crops  |
| Permanent grassland  |
| Permanent crops  |

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| ***Module*** | ***Topic*** | ***Detailed topic*** |
| **Soil Management practices** | **Soil Management practices on outdoor land** | Tillage methods  |
| Soil cover on arable land  |
| Crop rotation on arable land  |
| Ecological focus area  |

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| ***Module*** | ***Topic*** | ***Detailed topic*** |
| **Machinery and equipment** | **Machinery**  | Internet facilities  |
| Basic machinery  |
| Use of precision farming  |
| Machinery for livestock management  |
| Storage for agricultural products  |
| **Equipment**  | Equipment used for production of renewable energy on agricultural holdings  |

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| ***Module*** | ***Topic*** | ***Detailed topic*** |
| **Orchard** | **Pome fruits** | Apples: Area by age of plantations and density of trees  |
| Pears: Area by age of plantations and density of trees |
| **Stone fruits** | Peaches: Area by age of plantations and density of trees |
| Nectarines: Area by age of plantations and density of trees |
| Apricots: Area by age of plantations and density of trees |
| **Citrus fruits** | Oranges: Area by age of plantations and density of trees |
| Small citrus fruit: Area by age of plantations and density of trees |
| Lemons: Area by age of plantations and density of trees |
| **Olives** | Area by age of plantations and density of trees |
| **Grapes for table use and raisins** | Grapes for table use: Area by age of plantations and density of vines |
| Grapes for raisins: Area by age of plantations and density of vines |

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| ***Module*** | ***Topic*** | ***Detailed topic*** |
| **Vineyard** | **Grapes for wine** | Area and age |
| **Grape varieties**  | Number of varieties |
| Code and area |

**Annex V – Precision requirements**

The core data (in 2023 and 2026) and the module data shall be statistically representative for the relevant populations of agricultural holdings as defined in the precision table below at the level of NUTS 2 regions in terms of the size and the type of the agricultural holdings, in accordance with Council Regulation (EC) No 1217/2009[[5]](#footnote-5), Commission Delegated Regulation (EU) No 1198/2014 and Commission Implementing Regulation (EU) 2015/220[[6]](#footnote-6).

The precision requirements apply to the characteristics in the table below.

The data in the frame extension in 2020 shall be statistically representative for the relevant population at the level of NUTS 2 regions as defined in the precision table below.

In addition, the precision requirements defined in the table apply to all NUTS 2 regions with at least:

* 5 000 holdings in the relevant population for the ''Orchard'' and "Vineyard'' modules;
* 10 000 holdings in the relevant population for the core data, for all other modules and for the data in the frame extension.

For NUTS 2 regions with fewer holdings the precision requirements defined in the table apply to the associated NUTS 1 regions with at least:

* 500 holdings in the relevant population for the ''Orchard'' and "Vineyard'' modules;
* 1 000 holdings in the relevant population for core data, all other modules and the data in the frame extension.

A national precision of maximum 5% relative standard error is required for those characteristics of the "Orchard" and "Vineyard" modules with no applicable precision requirement for any NUTS 2 and NUTS 1 regions.

A national precision of maximum 7,5% relative standard error is required for all characteristics of the other modules with no applicable precision requirement for any NUTS 2 and NUTS 1 regions for any characteristic.

**Precision table**

| **Relevant population** | **Characteristics for which precision requirements apply** | **Prevalence of each characteristic in the relevant population**  | **Relative standard error** |
| --- | --- | --- | --- |
| **Core data** in 2023 and 2026 and**Labour force and other gainful activities module** |
| As defined by Article 5 for the core data and by Article 7 for the ‘Labour force and other gainful activities module’. | *Land characteristics* * Cereals for the production of grain (including seed)
* Oilseeds
* Plants harvested green from arable land
* Fresh vegetables (including melons), strawberries, flowers and ornamental plants (excluding nurseries)
* Permanent grassland excluding rough grazings
* Fruits, berries, nuts and citrus fruits (excluding grapes and strawberries)
* Grapes
* Olives
 | 7,5 % or more of the utilised agricultural area in the region | < 5 % |
| *Livestock characteristics** Dairy cows
* Non-dairy cows
* Other bovine animals (bovine animals less than 1 year, bovine animals 1 to less than 2 years, male bovine animals 2 years old and over, heifers 2 years old and over)
* Breeding sows live weight 50 kg and over
* Piglets live weight of under 20 kg and other pigs
* Sheep and goats
* Poultry
 | 7,5 % or more of the livestock units in the region and 5% or more of the characteristic in the country | < 5 % |
| **Core data for frame extension** in 2020 |
| As defined by Article 6 | *Land characteristics** Arable land
* Permanent grassland excluding rough grazings
* Permanent crops
 | 7,5 % or more of the utilised agricultural area in the region | < 7.5 % |
| *Livestock characteristic** Total livestock units
 | 5% or more of the characteristic in the country | < 7.5 % |
| **Rural development module** and**Machinery and equipment module** |
| As defined by Article 7 | *Land characteristics* as for Labour force and other gainful activities module | 7,5 % or more of the utilised agricultural area in the region | < 7,5 % |
| *Livestock characteristics* as for Labour force and other gainful activities module | 7,5 % or more of the livestock units in the region and 5% or more of the characteristic in the country | < 7,5 % |
| **Animal housing and manure management module** |
| The subset of the population of holdings defined by Article 7 with at least one of the following: bovine animals, pigs, sheep, goats, poultry | *Livestock characteristics* as for Labour force and other gainful activities module | 7,5 % or more of the livestock units in the region and 5% or more of the characteristic in the country | < 7,5 % |
| **Irrigation module** |
| The subset of the population of holdings defined by Article 7 with irrigable area | *Land characteristics** Total irrigable area
 | 7,5 % or more of the utilised agricultural area in the region | < 7,5 % |
| **Soil management practices module** |
| The subset of the population of holdings defined by Article 7 with arable land | *Land characteri*stics* Arable land
 | 7,5 % or more of the utilised agricultural area in the region | < 7,5 % |

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| --- |
| **Orchard module** |
| The subset of the population of holdings defined by Article 7 with any of the individual orchard characteristics that meet the threshold specified in Article 7(5) | *Orchard characteristics** The orchard characteristics among apples, pears, apricots, peaches, nectarines, oranges, small citrus fruits, lemons, olives, grapes for table use, grapes for raisins that meet the threshold specified in Article 7(5)
 | 5 % or more of the utilised agricultural area in the region | < 7,5 % |
| **Vineyard module** |
| The subset of the population of holdings defined by Article 7 with grapes for wine | *Vineyard characteristics** Grapes for wine
 | 5 % or more of the utilised agricultural area in the region | < 7,5 % |

1. The thresholds are applicable to the group of items as listed. [↑](#footnote-ref-1)
2. L - Areas other than mountain areas facing significant natural constraints; M- less-favoured mountainous area; O - Other areas affected by specific constraints; N- normal area (non-LFA) This classification may be adapted in the future in the light of developments on CAP. [↑](#footnote-ref-2)
3. Annual Work Unit (AWU) percentage band 2: (> 0-< 25), (≥ 25-< 50), (≥ 50-< 75), (≥ 75-< 100), (100) [↑](#footnote-ref-3)
4. Percentage bands: (≥ 0-≤ 10), (> 10-≤ 50), (> 50-< 100) [↑](#footnote-ref-4)
5. Council Regulation (EC) No 1217/2009 of 30 November 2009 setting up a network for the collection of accountancy data on the incomes and business operation of agricultural holdings in the European Community (OJ L 328, 15.12.2009, p. 27). [↑](#footnote-ref-5)
6. Commission Implementing Regulation (EU) 2015/220 of 3 February 2015 laying down rules for the application of Council Regulation (EC) No 1217/2009 setting up a network for the collection of accountancy data on the incomes and business operation of agricultural holdings in the European Union (OJ L 46, 19.02.2015, p. 1). [↑](#footnote-ref-6)