

Questionnaire

on agricultural census and survey on agricultural production methods 2010

SECTION 0. IDENTIFYING CHARACTERISTICS

1. Identification number of agricultural holding
2. Legal status
3. Holder's first name and surname or name
4. PESEL (personal identification number)
5. REGON (business register number)

Address of the holder

6. Voivodship
7. Powiat
8. Gmina
9. Town
10. Street
11. House number, flat number
12. Mobile phone number
13. Phone number

Address of the holding

14. Voivodship
15. Powiat
16. Gmina
17. Town
18. Street
19. House number, flat number
20. Phone number

Contact address

21. Voivodship
22. Powiat
23. Gmina
24. Town
25. Street
26. House number, flat number

SECTION I. LAND USE (UG)**NOTE:** Data as of 30 June 2010.**Question 1 (UG1)**

Did the agricultural holding use the land?

- **UG1** – Yes -> **UG2**
- **UG1** – No -> **DG1**

Question 2 (UG2)

What was the total area of land in the agricultural holding?

[ha, a]

- **UG2a** – in total
of which
 - **UG2b** – forests and forest land
 - **UG2c** – other land
 - **UG2d** – agricultural land in total

Question 3 (UG3)

The total area of the agricultural land amounted to:

[ha, a]

- **UG3p** – in total
of which
 - **UG3a** – other agricultural land (not maintained in good agricultural and environmental condition)
 - **UG3b** – agricultural land in good agricultural and environmental condition

Question 4 (UG4)

The area of agricultural land in good agricultural condition amounted to:

[ha, a]

- **UG4p** – in total
of which
 - **UG4a** – permanent meadows
 - **UG4b** – permanent pastures
 - **UG4c** – orchards (plantation of fruit trees and bushes and their nurseries)
 - **UG4d** – kitchen gardens
 - **UG4e** – fallow land
 - **UG4f** – sown area

Question 5 (UG 5)

The total area of agricultural land amounted to:

[ha, a]

- **UG5p** – in total
of which
 - **UG5a** – own land excluding land leased out to third parties (including marital and family co-ownership)
 - **UG5b** – land leased from other persons excluding land leased out to third parties
 - **UG5c** – land used jointly and other types of use (in the part of the user) excluding the land leased out to third parties

Question 6 (UG6)

What was the total area of agricultural land in the holding in conversion hectares? [ha, a]

- **UG6a** – own land excluding land leased out to third parties (including joint property of spouses and family)
- **UG6b** – land leased from other persons excluding land leased out to third parties
- **UG6c** – land used jointly and other types of use (in the part of the user) excluding the land leased out to third parties

Question 7 (UG 7)

The area of the agricultural land in good agricultural and environmental condition in physical hectares amounted to: [ha, a]

- **UG7p** – in total
of which
 - **UG7a** – own land excluding land leased out to third parties (including marital and family co-ownership)
 - **UG7b** – land leased from other persons excluding land leased out to third parties
 - **UG7c** – land used jointly and other types of use (in the part of the user) excluding the land leased out to third parties

Question 8 (UG 8)

How many parcels (separate parts) did the area of agricultural land consist of?

Question 9 (UG9)

What was the distance from the holding seat to the most outlying parcel being the part of the agricultural land of the holding? [km]

Question 10 (UG10)

The area of forests and forest land amounted to: [ha, a]

- **UG10p** – in total
of which
 - **UG10a** – plantation of fast-growing trees and bushes
including:
 - **UG10b** – used for production of renewable energy
of which
 - **UG10c** – salix
 - **UG10d** – poplar
 - **UG10e** – false acacia

Question 11 (UG11)

The area of permanent meadows amounted to: [ha, a]

- **UG11p** – in total
of which
 - **UG11a** – out of production

Question 12 (UG12)

The area of permanent pastures amounted to: [ha, a]

- **UG12p** – in total
of which
 - **UG12a** – rough grazing
 - **UG12b** – out of production

Question 13 (UG13)

The area of orchards amounted to: [ha, a]

- **UG13p** – in total
of which
 - **UG13a** – nurseries of fruit trees and bushes
 - **UG13b** – plantations of fruit trees
 - **UG13c** – plantations of fruit bushes and plantations of berries (excluding strawberries and wild strawberries)

Question 14 (UG14)

The area of plantations of fruit trees amounted to:

[ha, a]

- **UG14p** – in total
 - of which
 - **UG14a** – apple trees
 - **UG14b** – pear trees
 - **UG14c** – plum trees
 - **UG14d** – cherry trees
 - **UG14e** – sweet cherry trees
 - **UG14f** – walnut trees
 - **UG14g** – other trees

Question 15 (UG15)

The area of plantations of fruit bushes and plantations of berries (excluding strawberries and wild strawberries) amounted to:

[ha, a]

- **UG15p** – in total
 - of which
 - **UG15a** – gooseberries
 - **UG15b** – currants
 - **UG15c** – raspberries
 - **UG15d** – grapevine
 - **UG15e** – hazel
 - **UG15f** – other crops
 - of which
 - **UG15g** – high blueberries
 - **UG15h** – chokeberries

Question 16 (UG16)

The cultivated area in kitchen gardens amounted to:

[ha, a]

- **UG16p** – in total
 - of which
 - **UG16a** – potatoes
 - **UG16b** – vegetables
 - **UG16c** – strawberries (including wild strawberries)
 - **UG16d** – other crops

Question 17 (UG17)

The area of fallow land amounted to:

[ha, a]

- **UG17p** – in total
 - of which
 - **UG17a** – subject to single area payment

SECTION II. ECONOMIC ACTIVITY (DG)

NOTE: Data concerns the period from 1 July 2009 to 30 June 2010 unless stated otherwise.

Question 1 (DG1)

Has the holding been involved in agricultural activities on 30 June 2010?

- **DG1** – Yes -> **DG2**
- **DG1** – No -> **end of the interview**

Question 2 (DG2)

Has the holding been engaged in other gainful activities directly related to the holding?

- **DG2a** – agro-tourism
- **DG2b** – handicrafts
- **DG2c** – processing of agricultural products
- **DG2d** – production of renewable energy for sale
- **DG2e** – processing of raw wood in the agricultural holding
- **DG2f** – aquaculture
- **DG2g** – agricultural contractual works using production means of the holding
- **DG2h** – non-agricultural contractual works using production means of the holding
- **DG2i** – forestry
- **DG2j** – other
- **DG2k** – no activity

Question 3 (DG3)

What was the share in the revenues from the sales of products and services from other gainful activity directly related to the holding in the final output?

- **1** – up to 10%
- **2** – 11%-50%
- **3** – over 50%

Question 4 (DG4)

Does the farm holder plan to retire or become a pensioner (including a structural pension) up to 2013?

- **DG4** – Yes -> further part of questions
- **DG4** – No -> **SD1**

Question 5 (DG5)

Who will be the successor to the farm holder?

- **1** – member of the family
- **2** – person from outside the family
- **3** – I do not know

SECTION III. INCOME STRUCTURE (SD)

NOTE: Data concerns the period from 1 July 2009 to 30 June 2010.

Question 1 (SD1)

What part of the total income of the holder's household make income from: [%]

- **SD1a** – conducting agricultural activity
- **SD1b** – conducting non-agricultural economic activity
- **SD1c** – hired work
- **SD1d** – pensions and disability pensions
- **SD1e** – other non-gainful income sources apart from pension and disability pension

Question 2 (SD2)

What part of the final production was allocated to the needs of the holder's household?

- **1** – 0%
- **2** – 1%-25%
- **3** – 26%-50%
- **4** – 51%-75%
- **5** – 76%-99%
- **6** – 100%

Question 3 (SD3)

What was the share of the direct sales to final consumers (i.e. in market places, in own shops, sales among neighbours) in the total sales of the holding?

- **1** – 0%
- **2** – 1%-25%
- **3** – 26%-50%
- **4** – 51%-75%
- **5** – over 75%

SECTION IV. SOWN AND OTHER AREA (PZ)

NOTE: Data as of 30 June 2010 unless stated otherwise.

Question 1 (PZ1)

Sown area (including permanent crops other than orchards)

[ha, a]

Question 2 (PZ2)

Did the holding farm cultivate cereals?

- **PZ2** – Yes -> **PZ3**
- **PZ2** – No -> **PZ4**

Question 3 (PZ3)

What was the area of cereals (for grain)?

[ha, a]

- **PZ3a** – winter wheat
- **PZ3b** – spring wheat
- **PZ3c** – rye
- **PZ3d** – winter barley
- **PZ3e** – spring barley
- **PZ3f** – oats
- **PZ3g** – winter triticale
- **PZ3h** – spring triticale
- **PZ3i** – winter cereal mixed
- **PZ3j** – spring cereal mixed
- **PZ3k** – maize for grain
- **PZ3l** – buckwheat
- **PZ3m** – millet
- **PZ3n** – other cereals (sorghum, amaranth, canary grass, etc.)
- **PZ3o** – total

Question 4 (PZ4)

What was the area of potatoes?

[ha, a]

Question 5 (PZ5)

What was the area of sugar beet?

[ha, a]

Question 6 (PZ6)

Did the holding cultivate oilseeds for grain?

- **PZ6** – Yes -> **PZ7**
- **PZ6** – No -> **PZ8**

Question 7 (PZ7)

What was the area of oilseeds for grain? [ha, a]

- **PZ7a** – winter rape and turnip rape
- **PZ7b** – spring rape and turnip rape
- **PZ7c** – sunflower for grain
- **PZ7d** – soya
- **PZ7e** – oilseed flax
- **PZ7f** – other oilseeds (e.g. mustard, oilseed pumpkin, linseed dodder, oilseed turnip)
- **PZ7g** – total

Question 8 (PZ8)

What was the area of edible pulses for dry grain? [ha, a]

- **PZ8a** – peas
- **PZ8b** – beans
- **PZ8c** – broad beans
- **PZ8d** – other pulses (lentil, chickpea, soya, etc., designated for grain consumption)
- **PZ8e** – total

Question 9 (PZ9)

What was the area of mixed winter cereal and pulses for grain? [ha, a]

Question 10 (PZ10)

What was the area of mixed spring cereal and pulses for grain? [ha, a]

Question 11 (PZ11)

Did the holding cultivate fodder pulses for grain?

- **PZ11** – Yes -> **PZ12**
- **PZ11** – No -> **PZ13**

Question 12 (PZ12)

What was the area of fodder pulses for grain? [ha, a]

- **PZ12a** – field peas
- **PZ12b** – vetch
- **PZ12c** – field beans
- **PZ12d** – sweet lupine
- **PZ12e** – other fodder pulses
- **PZ12f** – total

Question 13 (PZ13)

What was the area of fodder pulses for green forage? [ha, a]

Question 14 (PZ14)

What was the area of maize for green forage? [ha, a]

Question 15 (PZ15)

What was the area of papilionaceous crops for forage? [ha, a]

Question 16 (PZ16)

What was the area of temporary grasses for forage? [ha, a]

Question 17 (PZ17)

What was the area of other pulses for forage? [ha, a]

Question 18 (PZ18)

Did the holding cultivate plants intended for ploughing as major crops?

- **PZ18** – Yes -> **PZ19**
- **PZ18** – No -> **PZ20**

Question 19 (PZ19)

What was the area of plants intended for ploughing, cultivated as major crops? [ha, a]

- **PZ19a** – bitter lupine
- **PZ19b** – fodder pulses (field peas, vetch, broad beans, sweet lupine, mixed pulses and cereal pulses, as well as other feed crops)
- **PZ19c** – fodder legumes (clover, lucerne, sainfoin, ornithopus, anthyllis, lotus and sweet clover, purely sown or mixed, etc.)
- **PZ19d** – field grasses (purely sown or mixed)
- **PZ19e** – other crops for ploughing (e.g. cereals)
- **PZ19f** – total

Question 20 (PZ20)

What was the area of fodder plants? [ha, a]

- **PZ20a** – fodder beets
- **PZ20b** – other fodder plants
- **PZ20c** – total

Question 21 (PZ21)

What was the area of fibrous flax? [ha, a]

Question 22 (PZ22)

What was the area of hemp? [ha, a]

Question 23 (PZ23)

What was the area of tobacco? [ha, a]

Question 24 (PZ24)

What was the area of hops? [ha, a]

Question 25 (PZ25)

What was the area of herbs and culinary plants? [ha, a]

Question 26 (PZ26)

What was the area of chicory? [ha, a]

Question 27 (PZ27)

What was the area of other industrial crops? [ha, a]

Question 28 (PZ28)

What was the area of field vegetables? [ha, a]

Question 29 (PZ29)

What was the area of field strawberries and wild strawberries? [ha, a]

Question 30 (PZ30)

Did the holding cultivate crops under covers?

- **PZ30** – Yes -> **PZ31**
- **PZ30** – No -> **PZ32**

Question 31 (PZ31)

What was the area of crops cultivated under covers? [ha, a]

- **PZ31a** – vegetables
- **PZ31b** – flowers and ornamental plants
- **PZ31c** – strawberries and wild strawberries
- **PZ31d** – permanent crops
- **PZ31e** – other crops
- **PZ31f** – total

Question 32 (PZ32)

What was the area of field flowers and ornamental plants? [ha, a]

Question 33 (PZ33)

What was the area of crops for seeds? [ha, a]

- **PZ33a** – papilionaceous crops for fodder
- **PZ33b** – field grasses and other fodder crops
- **PZ33c** – other seed crops
- **PZ33d** – total

Question 34 (PZ34)

What was the area of nurseries of ornamental trees and bushes? [ha, a]

Question 35 (PZ35)

What was the area of forest trees nurseries for commercial purposes? [ha, a]

Question 36 (PZ36)

What was the area of fast-growing trees and bushes cultivated on agricultural land? [ha, a]

- **PZ36a** – total
- of which
 - **PZ36b** – used for energy purposes
 - including
 - **PZ36c** – willow
 - **PZ36d** – poplar
 - **PZ36e** – false acacia

Question 37 (PZ37)

What was the area of osier? [ha, a]

Question 38 (PZ38)

What was the area of fruit-bearing trees grown outside plantations? [ha, a]

Question 39 (PZ39)

What was the area of fruit-bearing bushes grown outside plantations? [ha, a]

Question 40 (PZ40)

What was the area of other permanent crops? [ha, a]

Question 41 (PZ41)

What was the area of other crops? [ha, a]

Question 42 (PZ42)

The area of field vegetables amounted to... [ha, a]

- of which
 - **PZ42a** – cabbage
 - **PZ42b** – cauliflower
 - **PZ42c** – onion
 - **PZ42d** – edible carrot
 - **PZ42e** – red beets
 - **PZ42f** – tomatoes
 - **PZ42g** – cucumbers
 - **PZ42h** – other

Question 43 (PZ43)

The area of fresh vegetables amounted to... [ha, a]

- of which
 - **PZ43a** – as part of crop rotation with agricultural crops
 - **PZ43b** – as part of crop rotation with horticultural crops

Question 44 (PZ44)

The area of field strawberries and wild strawberries amounted to... [ha, a]
of which

- **PZ44a** – as part of crop rotation with agricultural crops
- **PZ44b** – as part of crop rotation with horticultural crops

Question 45 (PZ45)

The area of vegetables cultivated under covers amounted to... [ha, a]
of which

- **PZ45a** – tomatoes
- **PZ45b** – cucumbers
- **PZ45c** – sweet peppers
- **PZ45d** – other

Question 46 (PZ46)

What was the area of successive secondary crops? [ha, a]

- **PZ46a** – spring
- **PZ46b** – winter
- **PZ46c** – total

Question 47 (PZ47)

What was the largest cultivation area of mushrooms in the period from 1 July 2009 to 30 June 2010? [m²]

Question 48 (PZ48)

Did the holding have any area of crops cultivated on arable land for energy purposes (bio-fuels or renewable energy)?

- **PZ48** – Yes -> continue this question
- **PZ48** – No -> **PZ49**

one-year crops [ha, a]

- **PZ48a** – total cereals (except maize)
- **PZ48b** – maize
- **PZ48c** – rape and turnip rape
- **PZ48d** – sugar beets
- **PZ48e** – other crops

▪ **PZ48f** – total

perennial crops [ha, a]

- **PZ48g** – multiflora rose
- **PZ48h** – Virginia fanpetals
- **PZ48i** – Miscanthus giganteus
- **PZ48j** – Jerusalem artichoke
- **PZ48k** – Sakhalin knotweed
- **PZ48l** – reed canary grass
- **PZ48m** – other crops (except fast-growing trees and shrubs cultivated on agricultural land)

▪ **PZ48n** – total

➤ **PZ48o** – total

Question 49 (PZ49)

What was the area of agricultural land that could be irrigated in the period from 1 July 2009 to 30 June 2010 using the existing water resources, as well as irrigating equipment available on the holding? [ha, a]

Question 50 (PZ50)

What was the area irrigated at least once in the period from 1 July 2009 to 30 June 2010? [ha, a]

SECTION V. LIVESTOCK (ZW)

NOTE: Data as of 30 June 2010.

Question 1 (ZW1)

Did the holding deal with livestock breeding (cattle, pigs, sheep, goats, horses, poultry, rabbits, fur-bearing-animals, bees and other animals)?

- **ZW1** – Yes -> **ZW2**
- **ZW1** – No -> **MA1**

Question 2 (ZW2)

Did the holding breed cattle?

- **ZW2** – Yes -> **ZW3**
- **ZW2** – No -> **ZW4**

Question 3 (ZW3)

Number of cattle:

[heads]

- **ZW3a** – male under 1 year
- **ZW3b** – female under 1 year,
of which
 - **ZW3c** –females belonging to a meat breed or crossbreed
- **ZW3d** – male one but less than two years old
- **ZW3e** – female one but less than two years old
of which
 - **ZW3f** – females belonging to a meat breed or crossbreed
- **ZW3g** – male cattle aged 2 years or more
- **ZW3h** – heifers aged 2 years or more,
of which
 - **ZW3i** – heifers belonging to a meat breed or crossbreed
- **ZW3j** – dairy cows
- **ZW3k** – suckling cows
- **ZW3w** – total

Question 4 (ZW4)

Did the holding deal with pig breeding?

- **ZW4** – Yes -> **ZW5**
- **ZW4** – No -> **ZW6**

Question 5 (ZW5)

Number of pigs:

[heads]

- **ZW5a** – piglets up to 20 kg
- **ZW5b** – young pigs from 20 to 50 kg
- **ZW5c** – boars and weaners of 50 kg or more
of which
 - **ZW5d** – breeding boars
- **ZW5e** – sows in pig of 50 kg or more
of which
 - **ZW5f** – sows in pig for the first time
- **ZW5g** – other sows of 50 kg or more
of which
 - **ZW5h** – sows not mated yet
- **ZW5i** – pigs for slaughter of 50 kg or more for fattening
- **ZW5w** – total

Question 6 (ZW6)

Did the holding deal with sheep breeding?

- **ZW6** – Yes -> **ZW7**
- **ZW6** – No -> **ZW8**

Question 7 (ZW7)

Number of sheep:

[heads]

- **ZW7a** – lambs
- **ZW7b** – dairy ewes
- **ZW7c** – other ewes
- **ZW7d** – other adult sheep
- **ZW7w** – total

Question 8 (ZW8)

Did the holding deal with goat breeding?

- **ZW8** – Yes -> **ZW9**
- **ZW8** – No -> **ZW10**

Question 9 (ZW9)

Number of goats:

[heads]

- **ZW9a** – female aged 1 year or more
of which
 - **ZW9b** – female mated for the first time
- **ZW9c** – other goats
- **ZW9w** – total

Question 10 (ZW10)

Did the holding deal with horse breeding?

- **ZW10** – Yes -> **ZW11**
- **ZW10** – No -> **ZW12**

Question 11 (ZW11)

Number of horses:

[heads]

- **ZW11** – total
of which
 - **ZW11a** – aged 3 years or more

Question 12 (ZW12)

Did the holding deal with breeding poultry aged more than 2 weeks?

- **ZW12** – Yes -> **ZW13**
- **ZW12** – No -> **ZW14**

Question 13 (ZW13)

Number of poultry aged more than 2 weeks:

[heads]

- **ZW13a** – broilers
- **ZW13b** – adult hens and cocks for slaughter
- **ZW13c** – laying hens producing table eggs
- **ZW13d** – laying hens producing hatching eggs
- **ZW13e** – turkeys
of which
 - **ZW13f** – turkey hens producing hatching eggs
- **ZW13g** – geese
- **ZW13h** – ducks
- **ZW13i** – other poultry
of which
 - **ZW13j** – ostriches
- **ZW13w** – total

Question 14 (ZW14)

Number of rabbits, breeding females

[heads]

Question 15 (ZW15)

Number of beehives

Question 16 (ZW16)

Number of fur animals breeding females

[heads]

Question 17 (ZW17)

Number of other livestock, not mentioned elsewhere

[heads]

SECTION VI. TRACTORS, MACHINES AND EQUIPMENT (MA)**NOTE:** Data as of 30 June 2010 unless stated otherwise**Question 1 (MA1)**

Did the holding have at its disposal any agricultural tractors, whether double-axis wheeled or tracked, owned or co-owned, technically efficient, under repair or intended for repair?

- **MA1** – Yes -> **MA2**
- **MA1** – No -> **MA3**

Question 2_1 (MA2_1)

How many tractors were owned by the holding?

[number]

- **MA2a_1** – up to 14.99 kW (up to 20.4 KM)
- **MA2b_1** – from 15 to 24.99 kW (from 20.4 to 34 KM)
- **MA2c_1** – from 25 to 39.99 kW (from 34 to 54.4 KM)
- **MA2d_1** – from 40 to 59.99 kW (from 54.4 to 81.6 KM)
- **MA2e_1** – from 60 to 99.99 kW (from 81.6 to 136 KM)
- **MA2f_1** – 100 kW or more (136 KM or more)
- **MA2w_1** – total

Question 2_2 (MA2_2)

How many tractors were co-owned by the farm?

[number]

- **MA2a_2** – up to 14.99 kW (up to 20.4 KM)
- **MA2b_2** – from 15 to 24.99 kW (from 20.4 to 34 KM)
- **MA2c_2** – from 25 to 39.99 kW (from 34 to 54.4 KM)
- **MA2d_2** – from 40 to 59.99 kW (from 54.4 to 81.6 KM)
- **MA2e_2** – from 60 to 99.99 kW (from 81.6 to 136 KM)
- **MA2f_2** – 100 kW or more (136 KM or more)
- **MA2w_2** – total

Question 3 (MA3)

Did the holding have at its disposal any trucks or trailers, whether owned or co-owned, technically efficient, under repair or intended for repair?

- **MA3** – Yes -> **MA4**
- **MA3** – No -> **MA5**

Question 4 (MA4)

How many trucks or trailers were on the farm? [number]

- **MA4a** – trucks and road tractors with semi-trailers? (if there are more semi-trailers, they should be indicated under the heading “trailers”)
 - **MA4b** – with loading capacity of up to 2 tonnes
- **MA4c** – trailers (single- or multi-axis dump tractors and trucks, as well as semi-trailers with loading capacity exceeding 1 tonne),
 - **MA4d** – tractor trailers

Question 5 (MA5)

Did the holding have at its disposal any agricultural machinery and equipment, whether owned or co-owned, technically efficient, under repair or intended for repair?

- **MA5** – Yes -> **MA6**
- **MA5** – No -> **MA7**

Question 6 (MA6)

How many machines were on the farm? [number]

- **MA6a** – tillage machines
- **MA6b** – combine harvesters
- **MA6c** – forage harvesters
 - **MA6d** – self-propelled forage harvesters
- **MA6e** – tractor mowers
- **MA6f** – self-loading trailers
- **MA6g** – loaders
- **MA6h** – gripping and frontal trucks
- **MA6i** – other green forage and grain harvesters
- **MA6j** – potato harvesters
- **MA6k** – sugar-beet harvesters
- **MA6l** – potato diggers
- **MA6m** – other root diggers
- **MA6n** – fertiliser and lime spreaders
- **MA6o** – manure spreaders
- **MA6p** – potato planters
- **MA6q** – cultivation units
- **MA6r** – tractor-mounted field sprayers
- **MA6s** – tractor-mounted orchard sprayers
- **MA6t** – can milker
- **MA6u** – pipeline milker
- **MA6w** – can milk coolers
- **MA6x** – tank milk coolers

Question 7 (MA7)

Did the holding use any renewable energy generators in the period from 1 July 2009 to 30 June 2010?

- **MA7** – Yes -> continue this question
- **MA7** – No -> **NA1**
 - using
 - **MA7a** – wind
 - **MA7b** – biomass
 - **MA7c** – bio-methane
 - **MA7d** – solar energy
 - **MA7e** – water energy
 - **MA7f** – other renewable energy sources

SECTION VII. USE OF FERTILISERS (NA)

NOTE: Data concerns the period from 1 July 2009 to 30 June 2010.

Question 1 (NA1)

Did the holding use any mineral, lime or organic fertilisers of animal origin?

- **NA1** – Yes -> **NA2**
- **NA1** – No -> **AE**

Question 2 (NA2)

Did the holding use any nitrogen fertilisers?

- **NA2** – Yes -> **NA3**
- **NA2** – No -> **NA4**

Question 3 (NA3)

What amount of nitrogen fertilisers was used on the agricultural land? [dt]

- **NA3a** – urea (46% N)
- **NA3b** – ammonium nitrate (34% N)
- **NA3c** – urea-ammonium nitrate solution (30% N) (in liquid fertilisers it should be assumed that 100l=1.3dt, i.e. 130 kg)
- **NA3d** – nitro-chalk, salmag (28% N)
- **NA3e** – ammonium sulphate (21% N)
- **NA3f** – potassium nitrate (14% N)

Question 4 (NA4)

Did the farm use any phosphorus fertilisers?

- **NA4** – Yes -> **NA5**
- **NA4** – No -> **NA6**

Question 5 (NA5)

What amount of phosphorus fertilisers was used on the agricultural land? [dt]

- **NA5a** – triple superphosphate (46% P₂O₅)
- **NA5b** – boron superphosphate (20% P₂O₅)
- **NA5c** – powder and granular superphosphate (19% P₂O₅)
- **NA5d** – phosmag (15% P₂O₅)
- **NA5e** – magnesium superphosphate (14% P₂O₅)

Question 6 (NA6)

Did the holding use any potassium fertilisers?

- **NA6** – Yes -> **NA7**
- **NA6** – No -> **NA8**

Question 7 (NA7)

What amount of potassium fertilisers was used on the agricultural land? [dt]

- **NA7a** – potassium salt (58-60% K₂O)
- **NA7b** – potassium sulphate (52% K₂O)
- **NA7c** – Kamex (40% K₂O)
- **NA7d** – kainite (14% K₂O)
- **NA7e** – Kalimagnezja (30% K₂O)

Question 8 (NA8)

Did the farm use any multi-component fertilisers?

- **NA8** – Yes -> **NA9**
- **NA8** – No -> **NA10**

Question 9 (NA9)

What amount of multi-component fertilisers was used on the agricultural land? [dt]

- **NA9a** – ammonium phosphate (18% N, 46% P₂O₅)
- **NA9b** – Polifoska (8% N, 24% P₂O₅, 24% K₂O)
- **NA9c** – Polymag 306 (6% N, 19% P₂O₅, 19% K₂O)
- **NA9d** – Agrafoska (21% P₂O₅, 32% K₂O)
- **NA9e** – fertilizer PKMg (12% P₂O₅, 18% K₂O)
- **NA9f** – fertilizer NPKMgO – Lubofoska (4% N, 12% P₂O₅, 12% K₂O)
- **NA9g** – Florovit (3% N, 0,7% P₂O₅, 2,4% K₂O)
- **NA9h** – Azofoska (13,6% N, 6,4% P₂O₅, 19,1% K₂O)
- **NA9i** – Vitaflor-1 (9,5% N, 14,5% P₂O₅, 28,5% K₂O)
- **NA9j** – Mikroflor-1 (19,5% N, 19,5% K₂O)
- **NA9k** – Flora (8,2% N, 12,4% P₂O₅, 23,1% K₂O)
- **NA9l** – Vitaflor-2 (13,5% N, 16,5% P₂O₅, 34% K₂O)
- **NA9m** – Mikroflor-2 (23% N, 23% K₂O)
- **NA9n** – fertilizer NPKMg (12%N, 5% P₂O₅, 5% K₂O)
- **NA9o** – Polymag 309 (9% N, 17% P₂O₅, 12% K₂O)

Question 10 (NA10)

Did the farm use any lime fertilisers?

- **NA10** – Yes -> **NA11**
- **NA10** – No -> **NA12**

Question 11 (NA11)

What amount of lime fertilisers was used on the agricultural land? [dt]

- **NA11a** – calcium-oxide (75% CaO)
- **NA11b** – calcium-carbonate (40% CaO)
- **NA11c** – calcium-magnesium (50% CaO)
- **NA11d** – dolomite (30% CaO)

Question 12 (NA12)

Did the holding use any organic fertilisers of animal origin?

- **NA12** – Yes -> **NA13**
- **NA12** – No -> **AE**

Question 13 (NA13)

What amount of manure solid, liquid manure and slurry was used on the agricultural land?

- **NA13a** – solid manure [dt]
- **NA13b** – liquid manure [m³]
- **NA13c** – slurry [m³]

SECTION VIII. LABOUR FORCE (AE)

NOTE: Data on permanent activity concerns the period from 01.07.2009 to 30.06.2010.
Data on current activity concerns the week from 24 to 30 June 2010.

Holder**Question 1 (AE1)**

Please provide data on the holder

- PESEL
- first name and surname
- gender
 - male
 - female
- year of birth

Question 2 (AE2)

In the week from 24 to 30 June did the holder:

a) perform for at least 1 hour of any work providing earnings or income, or help without any contractual remuneration, in the family-owned economic activity (including agricultural one)?

- **1–** Yes -> **AE 3**
- **2–** No -> continue this question

b) have a job but did not temporarily perform it (e.g. due to sickness, holiday, etc.)?

- **1–** Yes -> **AE 3**
- **2–** No -> **AE 5**

Question 3 (AE3)

Did the holder work or have a job on his/her own (family) holding in the week from 24 to 30 June?

- **1 –** Yes, exclusively
- **2 –** Yes, mainly
- **3 –** Yes, additionally
- **4 –** No

Question 4 (AE4)

Did the holder perform work or have any job other than agricultural production conducted in his/her own (family) holding in the week from 24 to 30 June?

- **1–** Yes -> **AE 7a**
- **2–** No -> **AE 7a**

Question 5 (AE5)

Was the holder actively looking for a job in the period from 1 to 30 June?

- **1 –** Yes -> **AE 6**
- **2 –** No, he/she had already arranged for a job and was waiting for it to start within 3 months (i.e. from July to September) -> **AE 6**
- **3 –** No, he/she had already arranged for a job and was waiting for it to start after 3 months (i.e. from October) -> **AE 7a**
- **4 –** No -> **AE 7a**

Question 6 (AE6)

In the period from 1 to 14 July was the holder ready to take up a job?

- **1–** Yes -> **AE 7a**
- **2–** No -> **AE 7a**

Question 7 (AE7)

Within 12 months preceding the survey, i.e. from 1 July 2009 to 30 June 2010?

a) did the holder work on his/her own (family) holding dealing with agricultural production?

- **1–** Yes -> continue this question -> **AE 7b**

- **2– No -> AE 10**
- b) what was annual working time?
 - **1 – less than 0.25 of a full-time job (0-530 hours, i.e. 0-66 days)**
 - **2 – from 0.25 to less than 0.5 of a full-time job (531-1060 hours, i.e. 67-132 days)**
 - **3 – from 0.5 to less than 0.75 of a full-time job (1061-1590 hours, i.e. 133-198 days)**
 - **4 – from 0.75 to less than 1 of a full-time job (1591-2119 hours, i.e. 199-264 days)**
 - **5 – 1 full-time or more (2120 hours or more, i.e. 265 days or more)**

Question 8 (AE8)

Did the holder perform any other gainful activity (other than agricultural production on his/her own farm) from 1 July 2009 to 30 June 2010?

- **1– Yes -> AE 9a**
- **2– No -> AE 10**

Question 9 (AE9)

a) Was the work performed within other gainful activity:

- **1– main -> AE 9b**
- **2 – additional -> AE 9b**

b) Was it directly related to the holding?

- **1– Yes -> AE 10**
- **2– No -> AE 10**

Question 10 (AE10)

Did the holder have a spouse (partner) on 30 June 2010?

- **1– Yes -> AE 11**
- **2– No -> AE 21a**

Question 11 (AE11)

Was the spouse (partner) living with the holder?

- **1– Yes**
- **2– No**

Spouse (partner) of the holder

Question 12 (AE12)

Please provide data on the spouse

- PESEL
- first name and surname
- gender
 - male
 - female
- year of birth

Question 13 (AE13)

In the week from 24 to 30 June:

- a) did the spouse perform any job for at least 1 hour generating earnings or income or help without any contractual remuneration in the family business (including agriculture)?
 - **1– Yes -> AE 14**
 - **2– No -> continue this question**
- b) did the spouse have a job but did not temporarily perform it (e.g. due to sickness, holiday, etc.)?
 - **1– Yes -> AE 14**
 - **2– No -> AE 16**

Question 14 (AE14)

In the week from 24 to 30 June did the spouse work or have a job on his/her own (family) holding?

- **1** – Yes, exclusively
- **2** – Yes, mainly
- **3** – Yes, additionally
- **4** – No

Question 15 (AE15)

In the week from 24 to 30 June did the spouse perform or have any job other than agricultural production conducted on his/her own (family) holding?

- **1**– Yes -> **AE 18a**
- **2**– No -> **AE 18a**

Question 16 (AE16)

In the period from 1 to 30 June did the spouse actively look for a job?

- **1** – Yes -> **AE 17**
- **2** – No, he/she had already arranged for a job and was waiting for it to start within 3 months (i.e. from July to September) -> **AE 17**
- **3** – No, he/she had already arranged for a job and was waiting for it to start after 3 months (i.e. from October) -> **AE 18a**
- **4** – No -> **AE 18a**

Question 17 (AE17)

In the period from 1 to 14 July was the spouse ready to take up a job?

- **1**– Yes -> **AE18a**
- **2**– No -> **AE18a**

Question 18 (AE18)

Within 12 months preceding the survey, i.e. from 1 July 2009 to 30 June 2010

a) did the spouse work on his/her own (family) holding?

- **1**– Yes -> continue this question
- **2**– No -> **AE 21a**

b) what was annual working time?

- **1** – less than 0.25 of a full-time job (0-530 hours, i.e. 0-66 days)
- **2** – from 0.25 to less than 0.5 of a full-time job (531-1060 hours, i.e. 67-132 days)
- **3** – from 0.5 to less than 0.75 of a full-time job (1061-1590 hours, i.e. 133-198 days)
- **4** – from 0.75 to less than 1 of a full-time job (1591-2119 hours, i.e. 199-264 days)
- **5** – 1 full-time or more (2120 hours or more, i.e. 265 days or more)

Question 19 (AE19)

In the period from 1 July 2009 to 30 June 2010 did the spouse perform any other activity than agricultural production on his/her own farm?

- **1**– Yes -> **AE20**
- **2**– No -> **AE21a**

Question 20 (AE20)

Was the work performed (other than agricultural production on his/her farm)

a) treated as:

- **1**– main -> **AE 20b**
- **2**– additional-> **AE 20b**

b) was it directly related to the holding?

- **1**– Yes -> **AE 21a**
- **2**– No -> **AE 21a**

Question 21 (AE21)

a) Were other family members aged 15 years or more residing together with the farm holder on 30 June?

- **1**– Yes -> **AE 21b**

➤ **2– No -> AE 31a**

b) Please provide the number of people aged 15 years or more (except the holder's spouse) who were residing together with the farm holder

For each person (residing together with the holder) specified in AE 21b questions AE 22 - AE 30 are to be completed

Question 22 (AE22)

Please provide data on the reference person

a) did the person form a household with the holder on 30 June?

➤ Yes-> **AE24**

➤ No -> **AE23** continue this question

b) PESEL

c) first name and surname

e) gender

1. male

2. female

f) year of birth

Question 23 (AE23)

a) did the person perform for at least 1 hour any work providing earnings or income, or help without any contractual remuneration in the family-owned economic activity (including agricultural) in the week from 24 to 30 June?

➤ Yes -> **AE24**

➤ No -> continue this question

b) did the person have a job but did not temporarily perform it (e.g. due to sickness, holiday, etc.)?

➤ Yes -> **AE24**

➤ No -> **AE26**

Question 24 (AE24)

Did the person work or have a job on his/her own (family) holding in the week from 24 to 30 June?

➤ **1** – Yes, exclusively

➤ **2** – Yes, mainly

➤ **3** – Yes, additionally

➤ **4** – No

Question 25 (AE25)

Did the person perform or have any job other than agricultural production conducted on his/her own (family) holding in the week from 24 to 30 June?

➤ Yes -> **AE28a**

➤ No -> **AE28a**

Question 26 (AE26)

Was the person actively looking for a job in the period from 1 to 30 June?

➤ **1** – Yes -> **AE27**

➤ **2** – No, he/she had already arranged for a job and was waiting for it to start within 3 months (i.e. from July to September) -> **AE27**

➤ **3** – No, he/she had already arranged for a job and was waiting for it to start after 3 months (i.e. from October) -> **AE28a**

➤ **4** – No -> **AE28a**

Question 27 (AE27)

Would the person be willing to take up a job in the period from 1 to 14 July?

➤ **1**– Yes -> **AE28a**

➤ **2**– No -> **AE28a**

Question 28 (AE28)

a) Did the person work on his/her own (family) holding from 1 July 2009 to 30 June 2010?

- **1.** Yes
- **2.** No -> **AE22a** (proceed to another person)
-> **AE31a** (in case all relevant persons have been enumerated)

b) What was annual working time?

- **1** – less than 0.25 of a full-time job (0-530 hours, i.e. 0-66 days)
- **2** – from 0.25 to less than 0.5 of a full-time job (531-1060 hours, i.e. 67-132 days)
- **3** – from 0.5 to less than 0.75 of a full-time job (1061-1590 hours, i.e. 133-198 days)
- **4** – from 0.75 to less than 1 of a full-time job (1591-2119 hours, i.e. 199-264 days)
- **5** – 1 full-time or more (2120 hours or more, i.e. 265 days or more)

Question 29 (AE29)

Did the person perform any other activity providing earnings (other than agricultural production on his/her own farm) from 1 July 2009 to 30 June 2010?

- **1.** Yes -> **AE22a** (proceed to another person)
- **2.** No -> **AE31a** (in case all relevant persons have been enumerated)

Question 30 (AE30)

a) Was the work performed as a part of other activity providing earnings treated as:

- **1**– main -> **AE30b**
- **2**– additional -> **AE30b**

b) Was it directly related to the holding?

- **1.** Yes -> **AE31a**
- **2.** No -> **AE22a** (proceed to another person)
-> **AE31a** (in case all relevant persons have been enumerated)

Question 31 (AE31)

a) Did any other family members not residing together with the holder perform work on the holding from 1 July 2009 to 30 June 2010?

- **1**– Yes -> **AE31b**
- **2**– No -> **AE36**

b) Please specify the number of family members aged 15 years or more not residing together with the holder of the holding, but who performed work in this farm

For each person (working on the holder's farm) specified in AE 21b, questions AE32-AE35 are to be completed.

Question 32 (AE32)

Please give the data of the person:

- PESEL
- first name and surname
- gender
 - male
 - female
- year of birth

Question 33. (AE33)

What was the annual working time of the person involved in agricultural production from 1 July 2009 to 30 June 2010?

- **1**– less than 0.25 of a full-time job (0-530 hours, i.e. 0-66 days)
- **2** – from 0.25 to less than 0.5 of a full-time job (531-1060 hours, i.e. 67-132 days)
- **3** – from 0.5 to less than 0.75 of a full-time job (1061-1590 hours, i.e. 133-198 days)
- **4** – from 0.75 to less than 1 of a full-time job (1591-2119 hours, i.e. 199-264 days)
- **5** – 1 full-time or more (2120 hours or more, i.e. 265 days or more)

Question 34 (AE34)

Did the person perform other activity providing earnings (other than agricultural production on his/her own farm) from 1 July 2009 to 30 June 2010?

- **1** – Yes -> **AE35**
- **2** – No -> **AE32a** (proceed to another person)
-> **AE36** (in case all relevant persons have been enumerated)

Question 35 (AE35)

a) Was the work performed as a part of other activity providing earnings treated as:

- main?
- additional?

b) Was it directly related to the holding?

- Yes
- No -> **AE32a** (proceed to another person)
-> **AE36** (in case all relevant persons have been enumerated)

Question 36 (AE36)

Who managed the holding on 30 June 2010?

- **1** – holder -> **AE 38a**
- **2** – other family member (including the spouse) -> **AE 37_1**
- **3** – paid employee -> **AE 37_2**

Question 37_1 (AE 37_1) (in case of other family member AE36 2)

Please, indicate the person managing the holding

Question 37_2 (AE 37_2) (in case of a paid employee AE36 3)

Please provide data of the person managing the holding:

- PESEL
- first name and surname
- gender
 - male
 - female
- year of birth

Question 38 (AE38)

What is the education level of the person managing the holding?

- **AE 38 a** – general
 - 1 – tertiary
 - 2 – post-secondary
 - 3 – vocational secondary
 - 4 – general secondary
 - 5 – basic vocational
 - 6 – primary, lower secondary
 - 7 – primary incomplete or no education
- **AE 38b** – agricultural
 - 1 – tertiary
 - 2 – post-secondary agricultural
 - 3 – agricultural vocational secondary
 - 4 – basic vocational agricultural
 - 5 – agricultural course
 - 6 – no agricultural education

Question 39 (AE39)

Did the managing person participate in additional training courses from 1 July 2009 to 30 June 2010?

- **1** – Yes
- **2** – No

Question 40 (AE40)

How many years the manager had been running the holding?

Question 41 (AE41) (in case of paid employee AE36 3)

What was the annual working time of the manager involved in the agricultural production from 1 July 2009 to 30 June 2010?

- **1** – less than 0.25 of a full-time job (0-530 hours, i.e. 0-66 days)
- **2** – from 0.25 to less than 0.5 of a full-time job (531-1060 hours, i.e. 67-132 days)
- **3** – from 0.5 to less than 0.75 of a full-time job (1061-1590 hours, i.e. 133-198 days)
- **4** – from 0.75 to less than 1 of a full-time job (1591-2119 hours, i.e. 199-264 days)
- **5** – 1 full-time or more (2120 hours or more, i.e. 265 days or more)

Question 42 (AE42) (in case of paid employee AE36 3)

a) Did the manager perform any other gainful activity directly related to the holding?

- **1** – Yes -> **AE42b**
- **2** – No -> **AE43**

b) Was this activity treated as:

- **1** – main -> **AE43**
- **2** – additional -> **AE43**

Employees

Question 43 (AE43)

In the period from 1 July 2009 to 30 June 2010 did any paid employees or not family members work in agricultural production? (does not concern paid manager)

- **1** – Yes -> **AE44**
- **2** – No -> **MP1**

Question 44 (AE44)

In the period from 1 July 2009 to 30 June 2010 did the following persons work in agricultural production? (does not concern paid manager):

- **a** – permanent employees -> **AE45**
- **b** – seasonal employees -> **AE49**
- **c** – contractual employees -> **AE49**
- **d** – neighbour assistance -> **AE49** (concerns natural persons' holdings only)
- **e** – other persons working on the farms run by legal persons (concerns legal persons' holdings only)

Question 45 (AE45)

What was the total number of permanent employees involved in agricultural production on the farm?

- **AE 45_1** – men
- **AE 45_2** – women

Question 46_1 (AE 46_1) – men; Question 46_2 (AE 46_2) - women

What was the number of permanent employees involved in agricultural production on the holding?

- **a** – less than 0.25 of a full-time job (0-530 hours, i.e. 0-66 days)
- **b** – from 0.25 to less than 0.5 of a full-time job (531-1060 hours, i.e. 67-132 days)
- **c** – from 0.5 to less than 0.75 of a full-time job (1061-1590 hours, i.e. 133-198 days)
- **d** – from 0.75 to less than 1 of a full-time job (1591-2119 hours, i.e. 199-264 days)
- **e** – 1 full-time or more (2120 hours or more, i.e. 265 days or more)
- **f** – total

Question 47 (AE47)

Did the permanent employees involved in agricultural production on the farm also perform any other gainful activity directly related to the holding?

- **1** – Yes -> **AE48**

➤ **2– No -> AE49**

Question 48_1 (AE 48_1) – men; Question 48_2 (AE 48_2) - women

What was the number of permanent employees dealing with agricultural production on the farm who also performed any other gainful activity directly related to the holding, treated as:

- **a – main**
 - **b – additional**
- **c – total**

Question 49_1 (AE 49_1) – men; Question 49_2 (AE 49_2) - women

What was the number of working days worked on the holding connected with agricultural production in the period from 1 July 2009 to 30 June 2010 by:

- **a–** employees hired on a temporary basis
- **b–** contractual employees
- **c–** as part of neighbour assistance (concerns natural persons' holdings only)
- **d–** other persons working on the farms run by legal entities (concerns legal persons' holdings only)

Section IX. AGRICULTURAL PRODUCTION METHODS (MP)

NOTE: Data concerns the period from 1 July 2009 to 30 June 2010 unless otherwise specified.

Question 1 (MP1)

On what area of arable land were the following methods used: [ha, a]

- **MP1a –** ploughing with a mouldboard or rotary plough
- **MP1b –** conservation tillage (low tillage)
- **MP1c –** non-ploughing tillage (direct seeding)

Question 2 (MP2)

What area of arable land in the winter season was covered with: [ha, a]

- **MP2a –** winter crops
- **MP2b –** cover crops or after-crops
- **MP2c –** plant residues
- **MP2d –** bare soil

Question 3a (MP3a)

Was the entire arable land on the holding covered with crop rotation?

- **MP3a – Yes -> MP4**
- **MP3a – No -> MP3b**

Question 3b (MP3b)

What part of the arable land of the holding was excluded from crop rotation?

(no crop rotation – the same crop for at least 3 years)

- **MP3b_1 –** from 1% to 24%
- **MP3b_2 –** from 25% to 49%
- **MP3b_3 –** from 50% to 74%
- **MP3b_4 –** 75% or more

Question 4 (MP4)

Were any linear elements of landscape present and cultivated on the holding within the open agricultural landscape in the last 3 years?

hedges:

- **MP4a – Yes -> MP4b**
- **MP4a – No -> MP4b**

tree lines:

- **MP4b** – Yes -> **MP5**
- **MP4b** – No -> **MP5**

Question 5 (MP5)

Has any linear elements of landscape been established during the last 3 years?

hedges:

- **MP5a** – Yes -> **MP5b**
- **MP5a** – No -> **MP5b**

tree lines:

- **MP5b** – Yes -> **MP6**
- **MP5b** – No -> **MP6**

Question 6 (MP6)

Was animal grazing conducted on pastures?

- **MP6** – Yes -> **MP7**
- **MP6** – No -> **MP13**

Question 7 (MP7)

Was animal grazing conducted on holding's land?

- **MP7** – Yes -> **MP8**
- **MP7** – No -> **MP10**

Question 8 (MP8)

What was the area intended for grazing on the holding?

[ha, a]

Question 9 (MP9)

How long (in months per year) does the grazing season usually last on the holding?

Question 10 (MP10)

Was animal grazing conducted on any common land?

- **MP10** – Yes -> **MP11**
- **MP10** – No -> **MP13**

Question 11 (MP11)

What was the number of animals grazed on common land?

[heads]

Question 12 (MP12)

Amount of time (in months per year) when animals were grazing on common land

Question 13 (MP13)

Did the holding have the following animal housing: cattle barns, pigsties and poultry houses?

- **MP13** – Yes -> **MP14**
- **MP13** – No -> **MP23**

Question 14 (MP14)

Did the farm have any cattle barns?

- **MP14** – Yes -> **MP15**
- **MP14** – No -> **MP16**

Question 15 (MP15)

Number of places for cattle:

- **MP15a** – in stanchion-tied stable - with solid dung and liquid manure
- **MP15b** – in stanchion-tied stable - with slurry
- **MP15c** – in loose housing - with solid dung and liquid manure
- **MP15d** – in loose housing - with slurry
- **MP15e** – other types not specified above

Question 16 (MP16)

Did the farm have any pigsties?

- **MP16 – Yes -> MP17**
- **MP16 – No -> MP18**

Question 17 (MP17)

Number of places for pigs:

- **MP17a – on partially slatted floors**
- **MP17b – on completely slatted floors**
- **MP17c – on straw beds**
- **MP17d – other types not specified above**

Question 18 (MP18)

Did the holding have any poultry houses for laying hens?

- **MP18 – Yes -> MP19**
- **MP18 – No -> MP23**

Question 19 (MP19)

Number of places for laying hens on straw beds (deep litter-loose housing)

Question 20 (MP20)

Did the holding have any battery cages for laying hens?

- **MP20 – Yes -> MP21**
- **MP20 – No -> MP22**

Question 21 (MP21)

Number of places for laying hens in the battery cages:

- **MP21a – in battery cages with manure belt**
- **MP21b – in battery cages with deep pit**
- **MP21c – in battery cages with stilt house**

Question 22 (MP22)

Number of places for laying hens poultry houses of other type

Question 23 (MP23)

What part of agricultural land maintained in good agricultural and environmental condition was fertilised?

a) solid manure

- **MP23a_1 – 0%**
- **MP23a_2 – 1%-24%**
- **MP23a_3 – 25%-49%**
- **MP23a_4 – 50%-74%**
- **MP23a_5 – 75% or more**

b) solid manure with immediate incorporation

- **MP23b_1 – 0%**
- **MP23b_2 – 1%-24%**
- **MP23b_3 – 25%-49%**
- **MP23b_4 – 50%-74%**
- **MP23b_5 – 75% or more**

c) liquid manure/slurry:

- **MP23c_1 – 0%**
- **MP23c_2 – 1%-24%**
- **MP23c_3 – 25%-49%**
- **MP23c_4 – 50%-74%**
- **MP23c_5 – 75% or more**

d) liquid manure/slurry with immediate incorporation or injection

- **MP23d_1 – 0%**
- **MP23d_2 – 1%-24%**

- **MP23d_3** – 25%-49%
- **MP23d_4** – 50%-74%
- **MP23d_5** – 75% or more

Question 24 (MP24)

What part of produced manure and slurry exported from the holding?

- **MP24_1** – 0%
- **MP24_2** – 1%-24%
- **MP24_3** – 25%-49%
- **MP24_4** – 50%-74%
- **MP24_5** – 75% or more

Question 25 (MP25)

Did the holding have any solid dung storage facilities?

- **MP25** – Yes -> **MP26**
- **MP25** – No -> **MP28**

Question 26 (MP26)

Were the solid dung storage facilities covered?

- **MP26** – Yes -> **MP27**
- **MP26** – No -> **MP27**

Question 27 (MP27)

What was the area of solid dung covers ?

[m²]

Question 28 (MP28)

Did the holding have any slurry storage facilities?

- **MP28** – Yes -> **MP29**
- **MP28** – No -> **MP31**

Question 29 (MP29)

Were the slurry storage facilities covered?

- **MP29** – Yes -> **MP30**
- **MP29** – No -> **MP30**

Question 30 (MP30)

What was the capacity of slurry tanks?

[m³]

Question 31 (MP31)

Did the holding use following slurry storage facilities?

a)tanks:

- **MP31a** – Yes -> **MP31b**
- **MP31a** – No -> **MP31b**

b) lagoons:

- **MP31b** – Yes -> **MP32**
- **MP31b** – No -> **MP32**

Question 32 (MP32)

Were the slurry storage facilities covered?

a)tanks

- **MP32a** – Yes -> **MP32b**
- **MP32a** – No -> **MP32b**

b) lagoons

- **MP32b** – Yes -> **MP33**
- **MP32b** – No -> **MP33**

Question 33 (MP33)

What was the total capacity of tanks and lagoons?

[m³]

Question 34 (MP34)

Did the holding use pesticides?

- **MP34** – Yes -> continue this question
- **MP34** – No -> **MP35**
- **MP34a** – insecticides
- **MP34b** – fungicides and seed treatment
- **MP34c** – herbicides
- **MP34d** – rodenticides
- **MP34e** – other

Question 35 (MP35)

What was the average area of agricultural land irrigated in the last 3 years? [ha, a]

Question 36 (MP36)

Area of crops irrigated at least once: [ha, a]

- **MP36p** – total
 - **MP36a** – cereals for grain (except maize)
 - **MP36b** – maize for grain and green forage
 - **MP36c** – legumes
 - **MP36d** – potatoes
 - **MP36e** – sugar beets
 - **MP36f** – rape and turnip rape
 - **MP36g** – sunflower
 - **MP36h** – fibrous plants (flax, hemp)
 - **MP36i** – field vegetables and strawberries as part of crop rotation with agricultural crops
 - **MP36j** – field grasses for green forage
 - **MP36k** – other crops including fallow land
 - **MP36l** – plantations of fruit-bearing trees and bushes including area of fruit-bearing trees and shrubs grown outside plantations, of which
 - **MP36m** – grapevine
 - **MP36n** – permanent grass land (except permanent meadows and pastures excluded from production, as well as non-cultivated grazing land)

Question 37 (MP37)

What irrigation methods were applied on the holding?

- **MP37a** – surface irrigation
- **MP37b** – sprinkler irrigation
- **MP37c** – drop irrigation

Question 38 (MP38)

What was the main source of water used for irrigation on the holding?

- **MP38a** – ground water
- **MP38a** – on-farm water (ponds or dams)
- **MP38a** – off-farm surface water (lakes, rivers, watercourses)
- **MP38a** – off-farm water from common water supply systems
- **MP38a** – other sources

Question 39 (MP39)

How many water has been used on the holding for irrigation? [m³]