



#### A4 Since when have you been farm manager?

Year you assumed position as farm manager

9039

#### A5 Farm owner and manager



##### Sole owner of farm

Please put a cross in the appropriate box

You are sole **owner** and

you manage the farm alone 9040

you manage the farm with your spouse/partner 9041

you manage the farm with another family member (e.g. father, mother, son, daughter) 9042

##### Joint owner of farm

You are **joint owner** of the farm and

you manage the farm together with: spouse, father, brother, uncle, mother, sister, aunt or other 9043

you manage the farm together with a partner from a recognised farming community, an SA, an Sàrl or other 9044

##### Without farm ownership

You are **not owner** and

you manage the farm for your spouse/partner 9045

you manage the farm for another family member 9046

you manage the farm as an employee and you do not belong to the farm owner's family 9047

you manage the farm for an SA, a holding, an Sàrl, a public farm, a cooperative or other 9048

#### A6 Tenant farm (total area farmed and buildings used are in tenancy)

Your farm is rented from someone **outside** of your family 9049

Your farm is rented from someone **within** your family 9050

#### A7 Farm's security plan

Is there a security plan for your farm, e.g. as proposed by SwissGAP? The security plan identifies all risks at work and health hazards on the farm. It also defines preventive measures, such as how to store insecticides, their use (protective clothing), fencing off slurry pits, traffic on the farm, safety when using machinery (safety devices), fire hazards, etc.

**yes** 9051

**no** 9052

#### A8 Farm accounts

Do you keep **simplified accounts** (manual accounting)? 9053

Do you keep financial accounts (**without** cost accounting)? 9054

Do you keep accounts **with** cost accounting? 9055

## B Services provided on the farm by contractors in 2020

### Services provided by contractors and others for the farm's production in the past 12 months.

Please note: if a service is carried out more than once on the same area, then the area must be included for each time, e.g. for plant protection.

Combine harvester (incl. grain maize)	9101	<input type="text"/>	Ares
Beet harvest	9102	<input type="text"/>	Ares
Potato harvest	9103	<input type="text"/>	Ares
Harvest from greenery/whole plants (e.g. chaff, silage)	9104	<input type="text"/>	Ares
Balers for silage, hay and straw	9105	<input type="text"/>	Bales
Ploughs and tilling	9106	<input type="text"/>	Ares
Tilling and sowing (combination, sugar beets, maize and direct seeding)	9107	<input type="text"/>	Ares
Plant protection	9108	<input type="text"/>	Ares
Fertiliser application	9109	<input type="text"/>	Ares
Application of slurry and manure	9110	<input type="text"/>	Ares
Artificial insemination services (AI), <i>estimate</i>	9111	<input type="text"/>	Hours per year
Hoof care, shearing and other animal care, <i>estimate</i>	9112	<input type="text"/>	Hours per year
Vet, <i>estimate</i>	9113	<input type="text"/>	Hours per year
Other services (e.g. transport and maintenance, others), <i>estimate</i>	9114	<input type="text"/>	Hours per year

## C Open field irrigation in 2020



### Irrigated outdoor areas in 2020

Cereals (incl. maize)	9151	<input type="text"/>	Ares
Potatoes	9152	<input type="text"/>	Ares
Sugar beet	9153	<input type="text"/>	Ares
Other arable crops (lentils, rape, turnips, sunflower, fibrous plants, etc.)	9154	<input type="text"/>	Ares
Vegetables and strawberries	9155	<input type="text"/>	Ares
Fruit and berry plantations	9156	<input type="text"/>	Ares
Vineyards	9157	<input type="text"/>	Ares
Agricultural (artificial) and perpetual meadows	9158	<input type="text"/>	Ares

## D Persons working on the farm in 2020

D1 Family members (15 and over)	Year of birth	Sex		Average weekly working hours (incl. weekends)				
		male <input checked="" type="checkbox"/>	female <input checked="" type="checkbox"/>	Employment on the farm		Off-farm employment (e.g. industry, commerce, public administration, self-employed, etc.)	Total	
				On the farm	Farm-related activities (see E, on-farm diversification)			
				Number of hours per week	Number of hours per week	Number of hours per week	Number of hours per week	
1	2	3	4	5	6	7		
Manager	9201	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Spouse*	9202	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Family member	9203	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Family member	9204	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Family member	9205	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Family member	9206	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Family member	9207	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

\* Partner

D2 Non-family labour force (regularly employed for a period of at least one month)	Year of birth	Sex		Employment on the farm			Average weekly working hours (incl. weekends)	
		male <input checked="" type="checkbox"/>	female <input checked="" type="checkbox"/>	Breakdown of annual working time (months per year)		Total		
				On the farm	Farm related activities (see E, on-farm diversification)			
				Number of months per year	Number of months per year	Number of months per year		Number of hours per week
1	2	3	4	5	6	7	8	
1st person	9220	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2nd person	9222	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3rd person	9223	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
4th person	9224	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
5th person	9225	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
6th person	9226	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
7th person	9227	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Additional forms can be ordered from the FSO for further persons.

D3 Persons employed on the farm on an irregular basis (less than one month)	Male	Female	Total
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People occasionally employed on the farm per year (e.g. harvest help)

3 people at 50% for 20 days = 3 x 0.5 x 20 = 30 days

Number of full working days	9297	<input type="text"/>	9298	<input type="text"/>	9299	<input type="text"/>
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## E On-farm diversification in 2020

Does the farm manager or other family members carry out any of the following activities that are directly connected to the farm and that have an economic influence upon it?  
(Activities, for which either the farm's resources land, buildings, machinery etc. or farm products are used).

### E1 Activities (several answers possible)

Please put a cross in the appropriate box

#### Tourism: accommodation

All activities related to accommodation/overnight stay (rooms, camping, sleeping in straw).

9301

#### Tourism: leisure activities

All leisure activities (tours of the farm for tourists and other groups, sport and leisure activities for which the land, buildings or other farm resources are used).

9302

#### Food and beverage service activities: Restaurant/meals

Running a restaurant, farm pub or similar.

9303

#### Handcraft

Handcraft products, that are made on the farm by the manager or family members or non-family employees, provided that these also carry out agricultural work, regardless of how the products are sold.

9304

#### Processing of agricultural products

Processing of a primary agricultural product into a processed secondary product, regardless of whether the raw material was produced on-farm or purchased off-farm. This includes among others, meat processing, the production of cheese, wine, fruit juice etc.

9305

#### Direct sale of own or bought-in farm products

Sale of processed or raw products at the farm to consumers. Estimate the percentage of direct sale in total farm turnover.

up to 10% of total farm turnover

9306

between 10–50% of total farm turnover

9307

over 50% of total farm turnover

9308

#### Forestry

Timber from own woodland or woodland belonging to the farm.

9309

#### Processing and transformation of timber

The processing and transformation of raw wood for commercial purposes (sawing of timber, chopping of firewood etc.)  
(→ Further processing, such as the manufacture of furniture etc. comes under the heading "handcraft").

9310

#### Aquaculture

Rearing of fish/crabs that are sold or given away by the farm.

9311

#### Production of renewable energy for commercialisation

Production of renewable energy for commercialisation purposes. Energy produced only for farm own consumption only is not included.

9312

#### Contractual farm work for other farms (wage labour)

Labour using machinery from the holding, e.g. agricultural services (combine harvester etc.).

up to 10% of total farm turnover

9313

between 10–50% of total farm turnover

9314

over 50% of total farm turnover

9315

#### Contractual non-agricultural work

Labour using machinery from the farm, i.e. snow clearing, transport, landscape maintenance (outside of the farm), kerb maintenance etc.

9316

#### Social work

Sheltered accommodation, care and other.

9317

#### Other

All other employment not covered by the above-mentioned categories.

9318

### E2 Percentage of turnover from above-mentioned activities in total farm turnover

**Total turnover** = all receipts of the farm including on-farm diversification activities (excl. direct payments).

up to 10% of total farm turnover

9319

between 10–50% of total farm turnover

9320

over 50% of total farm turnover

9321

# F Stall systems/facilities in 2020



## F1 Cattle penning systems



Tie-stalls	Dairy cows	Suckler cows	Breeding	Livestock for fattening	
Total number of places	9401 <input type="text"/>	9411 <input type="text"/>	9421 <input type="text"/>	9431 <input type="text"/>	
Please put a cross in the appropriate box <input checked="" type="checkbox"/>					
Slurry	9402 <input type="checkbox"/>	9412 <input type="checkbox"/>	9422 <input type="checkbox"/>	9432 <input type="checkbox"/>	
Slurry and manure	9403 <input type="checkbox"/>	9413 <input type="checkbox"/>	9423 <input type="checkbox"/>	9433 <input type="checkbox"/>	
Bucket system milking	9404 <input type="checkbox"/>				
Pipeline system milking	9405 <input type="checkbox"/>				
No exercise yard available	9406 <input type="checkbox"/>	9414 <input type="checkbox"/>	9424 <input type="checkbox"/>	9434 <input type="checkbox"/>	
Outside space unpaved (e.g. wood chippings)	9407 <input type="checkbox"/>	9415 <input type="checkbox"/>	9425 <input type="checkbox"/>	9435 <input type="checkbox"/>	
Outside space impermeable or permeable	9408 <input type="checkbox"/>	9416 <input type="checkbox"/>	9426 <input type="checkbox"/>	9436 <input type="checkbox"/>	
Free-stall system	Dairy cows	Suckler cows	Breeding	Livestock for fattening	Fattening calves
Total number of places	9451 <input type="text"/>	9501 <input type="text"/>	9551 <input type="text"/>	9601 <input type="text"/>	9651 <input type="text"/>
Please put a cross in the appropriate box <input checked="" type="checkbox"/>					
Slurry	9452 <input type="checkbox"/>	9502 <input type="checkbox"/>	9552 <input type="checkbox"/>	9602 <input type="checkbox"/>	9652 <input type="checkbox"/>
Slurry and manure	9453 <input type="checkbox"/>	9503 <input type="checkbox"/>	9553 <input type="checkbox"/>	9603 <input type="checkbox"/>	9653 <input type="checkbox"/>
Building with natural ventilation	9454 <input type="checkbox"/>	9504 <input type="checkbox"/>	9554 <input type="checkbox"/>	9604 <input type="checkbox"/>	9654 <input type="checkbox"/>
Building with forced ventilation	9455 <input type="checkbox"/>	9505 <input type="checkbox"/>	9555 <input type="checkbox"/>	9605 <input type="checkbox"/>	9655 <input type="checkbox"/>
Walls and roof of the stall thermally insulated	9456 <input type="checkbox"/>	9506 <input type="checkbox"/>	9556 <input type="checkbox"/>	9606 <input type="checkbox"/>	9656 <input type="checkbox"/>
Walls and roof of the stall thermally insulated Walls not thermally insulated	9457 <input type="checkbox"/>	9507 <input type="checkbox"/>	9557 <input type="checkbox"/>	9607 <input type="checkbox"/>	9657 <input type="checkbox"/>
Walls and roof of the stall not thermally insulated	9458 <input type="checkbox"/>	9508 <input type="checkbox"/>	9558 <input type="checkbox"/>	9608 <input type="checkbox"/>	9658 <input type="checkbox"/>
Lying space with cubicles (lying boxes)	9459 <input type="checkbox"/>	9509 <input type="checkbox"/>	9559 <input type="checkbox"/>	9609 <input type="checkbox"/>	9659 <input type="checkbox"/>
Lying surface of deep bedding or straw (dung only)	9460 <input type="checkbox"/>	9510 <input type="checkbox"/>	9560 <input type="checkbox"/>	9610 <input type="checkbox"/>	9660 <input type="checkbox"/>
Lying space permeable surface	9461 <input type="checkbox"/>	9511 <input type="checkbox"/>	9561 <input type="checkbox"/>	9611 <input type="checkbox"/>	9661 <input type="checkbox"/>
Permeable walkways (walking space)	9462 <input type="checkbox"/>	9512 <input type="checkbox"/>	9562 <input type="checkbox"/>	9612 <input type="checkbox"/>	9662 <input type="checkbox"/>
Impermeable walkways (walking space)	9463 <input type="checkbox"/>	9513 <input type="checkbox"/>	9563 <input type="checkbox"/>	9613 <input type="checkbox"/>	9663 <input type="checkbox"/>
Milking with bucket milker	9464 <input type="checkbox"/>				
Milking in milking parlour	9465 <input type="checkbox"/>				
Milking with milking robots	9466 <input type="checkbox"/>				
Automated feeding concentrate	9467 <input type="checkbox"/>	9517 <input type="checkbox"/>	9567 <input type="checkbox"/>	9617 <input type="checkbox"/>	9667 <input type="checkbox"/>
Automated feeding roughage	9468 <input type="checkbox"/>	9518 <input type="checkbox"/>	9568 <input type="checkbox"/>	9618 <input type="checkbox"/>	9668 <input type="checkbox"/>
Manure collection from alleys with mobile scraper/manually	9469 <input type="checkbox"/>	9519 <input type="checkbox"/>	9569 <input type="checkbox"/>	9619 <input type="checkbox"/>	9669 <input type="checkbox"/>
Manure collection from alleys with mobile scraper/robot	9470 <input type="checkbox"/>	9520 <input type="checkbox"/>	9570 <input type="checkbox"/>	9620 <input type="checkbox"/>	9670 <input type="checkbox"/>
Manure collection from exercise yard with mobile scraper/ manually	9471 <input type="checkbox"/>	9521 <input type="checkbox"/>	9571 <input type="checkbox"/>	9621 <input type="checkbox"/>	9671 <input type="checkbox"/>
Manure collection from exercise yard with mobile scraper/robot	9472 <input type="checkbox"/>	9522 <input type="checkbox"/>	9572 <input type="checkbox"/>	9622 <input type="checkbox"/>	9672 <input type="checkbox"/>
No exercise yard available	9473 <input type="checkbox"/>	9523 <input type="checkbox"/>	9573 <input type="checkbox"/>	9623 <input type="checkbox"/>	9673 <input type="checkbox"/>
Exercise yard adjacent to stall	9474 <input type="checkbox"/>	9524 <input type="checkbox"/>	9574 <input type="checkbox"/>	9624 <input type="checkbox"/>	9674 <input type="checkbox"/>
Exercise yard integrated in stall	9475 <input type="checkbox"/>	9525 <input type="checkbox"/>	9575 <input type="checkbox"/>	9625 <input type="checkbox"/>	9675 <input type="checkbox"/>
Outside space unpaved (e.g. wood chippings)	9476 <input type="checkbox"/>	9526 <input type="checkbox"/>	9576 <input type="checkbox"/>	9626 <input type="checkbox"/>	9676 <input type="checkbox"/>
Impermeable exercise yard surface	9477 <input type="checkbox"/>	9527 <input type="checkbox"/>	9577 <input type="checkbox"/>	9627 <input type="checkbox"/>	9677 <input type="checkbox"/>
Permeable exercise yard surface	9478 <input type="checkbox"/>	9528 <input type="checkbox"/>	9578 <input type="checkbox"/>	9628 <input type="checkbox"/>	9678 <input type="checkbox"/>

## F2 Stall systems for pigs



Do you have more than one stall?

Yes 9701

No 9702

Number of pig spaces

Lactating sows

Weaned piglets

Gilts, non-lactating sows

Fattening pigs  
and breeding boars

Total number of places

9721

9741

9761

9781

Please put a cross in the appropriate box

Slurry	9722 <input type="checkbox"/>	9742 <input type="checkbox"/>	9762 <input type="checkbox"/>	9782 <input type="checkbox"/>
Slurry and manure	9723 <input type="checkbox"/>	9743 <input type="checkbox"/>	9763 <input type="checkbox"/>	9783 <input type="checkbox"/>
Building with natural ventilation	9724 <input type="checkbox"/>	9744 <input type="checkbox"/>	9764 <input type="checkbox"/>	9784 <input type="checkbox"/>
Buildings with forced ventilation	9725 <input type="checkbox"/>	9745 <input type="checkbox"/>	9765 <input type="checkbox"/>	9785 <input type="checkbox"/>
Air purification with biofilter	9726 <input type="checkbox"/>	9746 <input type="checkbox"/>	9766 <input type="checkbox"/>	9786 <input type="checkbox"/>
Air purification with chemical scrubber	9727 <input type="checkbox"/>	9747 <input type="checkbox"/>	9767 <input type="checkbox"/>	9787 <input type="checkbox"/>
Air purification with bioscrubber	9728 <input type="checkbox"/>	9748 <input type="checkbox"/>	9768 <input type="checkbox"/>	9788 <input type="checkbox"/>
Group pen <b>with</b> access to outside space	9729 <input type="checkbox"/>	9749 <input type="checkbox"/>	9769 <input type="checkbox"/>	9789 <input type="checkbox"/>
Group pen <b>without</b> access to outside space	9730 <input type="checkbox"/>	9750 <input type="checkbox"/>	9770 <input type="checkbox"/>	9790 <input type="checkbox"/>
Single surface group pen with 2% or 5% perforated surface	9731 <input type="checkbox"/>	9751 <input type="checkbox"/>	9771 <input type="checkbox"/>	9791 <input type="checkbox"/>
Impermeable individual pen	9732 <input type="checkbox"/>	9752 <input type="checkbox"/>	9772 <input type="checkbox"/>	9792 <input type="checkbox"/>
Stall area with deep bedding	9733 <input type="checkbox"/>	9753 <input type="checkbox"/>	9773 <input type="checkbox"/>	9793 <input type="checkbox"/>
Outside space unpaved (e.g. wood chippings)	9734 <input type="checkbox"/>	9754 <input type="checkbox"/>	9774 <input type="checkbox"/>	9794 <input type="checkbox"/>
Impermeable exercise yard surface	9735 <input type="checkbox"/>	9755 <input type="checkbox"/>	9775 <input type="checkbox"/>	9795 <input type="checkbox"/>
Permeable exercise yard surface	9736 <input type="checkbox"/>	9756 <input type="checkbox"/>	9776 <input type="checkbox"/>	9796 <input type="checkbox"/>
Free-range rearing	9737 <input type="checkbox"/>	9757 <input type="checkbox"/>	9777 <input type="checkbox"/>	9797 <input type="checkbox"/>
NP reduced feeding (NPr feed)	9738 <input type="checkbox"/>	9758 <input type="checkbox"/>	9778 <input type="checkbox"/>	9798 <input type="checkbox"/>
Phase feeding			9779 <input type="checkbox"/>	9799 <input type="checkbox"/>

## F3 Stall systems for poultry farming



Do you have more than one stall?

Yes 9810

No 9811

Poultry places

Laying hens

Pullet rearing

Broilers

Total number of places

9821

9831

9841

Please put a cross in the appropriate box

Air purification with biofilter	9822 <input type="checkbox"/>	9832 <input type="checkbox"/>	9842 <input type="checkbox"/>
Air purification with chemical scrubber	9823 <input type="checkbox"/>	9833 <input type="checkbox"/>	9843 <input type="checkbox"/>
Air purification with bioscrubber	9824 <input type="checkbox"/>	9834 <input type="checkbox"/>	9844 <input type="checkbox"/>
Barn or manure pit	9825 <input type="checkbox"/>	9835 <input type="checkbox"/>	
Manure band <b>without</b> air drying	9826 <input type="checkbox"/>	9836 <input type="checkbox"/>	
Manure band <b>with</b> air drying	9827 <input type="checkbox"/>	9837 <input type="checkbox"/>	
Porch (covered outside access)	9828 <input type="checkbox"/>	9838 <input type="checkbox"/>	9848 <input type="checkbox"/>
Free-range farming, grass-covered area with vegetation	9829 <input type="checkbox"/>	9839 <input type="checkbox"/>	9849 <input type="checkbox"/>

## G Grazing on the farm in 2020 (cattle)

	Average hours grazed per grazing day	Number of grazing days per year (excluding days spent in summer pastures)
Dairy cows	9850 <input type="text"/> <input type="text"/>	9855 <input type="text"/> <input type="text"/> <input type="text"/>
Suckler cows	9851 <input type="text"/> <input type="text"/>	9856 <input type="text"/> <input type="text"/> <input type="text"/>
Breeding	9852 <input type="text"/> <input type="text"/>	9857 <input type="text"/> <input type="text"/> <input type="text"/>
Livestock for fattening	9853 <input type="text"/> <input type="text"/>	9858 <input type="text"/> <input type="text"/> <input type="text"/>
Fattening calves	9854 <input type="text"/> <input type="text"/>	9859 <input type="text"/> <input type="text"/> <input type="text"/>

## H Farmyard manure in 2020

### H1 Slurry



#### Slurry storage

Slurry tank*:	Volume in m <sup>3</sup>	Average depth in meters
Concrete or wooden cover	9860 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	9864 <input type="text"/> , <input type="text"/>
With other cover such as suspended or floating plastic	9861 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	9865 <input type="text"/> , <input type="text"/>
With permeable cover	9862 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	9866 <input type="text"/> , <input type="text"/>
Without cover	9863 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	9867 <input type="text"/> , <input type="text"/>

\* (If more than one tank is available for the same category (coverage): please indicate total volume and average depth of the tanks for each category).

#### Application methods by total amount of slurry

Applied with splash plate/spreader	9870 <input type="text"/> <input type="text"/> <input type="text"/>	as a % of total slurry
Applied with dribble bar	9871 <input type="text"/> <input type="text"/> <input type="text"/>	as a % of total slurry
Applied with trailing shoe	9872 <input type="text"/> <input type="text"/> <input type="text"/>	as a % of total slurry
Applied with manure drill	9873 <input type="text"/> <input type="text"/> <input type="text"/>	as a % of total slurry

### H2 Solid manure



#### Solid manure storage

Stock	Volume	Surface
Manure stock	9880 <input type="text"/> <input type="text"/> <input type="text"/> m <sup>3</sup>	9883 <input type="text"/> <input type="text"/> <input type="text"/> m <sup>2</sup>
Deep litter manure	9881 <input type="text"/> <input type="text"/> <input type="text"/> m <sup>3</sup>	9884 <input type="text"/> <input type="text"/> <input type="text"/> m <sup>2</sup>
Manure compost	9882 <input type="text"/> <input type="text"/> <input type="text"/> m <sup>3</sup>	9885 <input type="text"/> <input type="text"/> <input type="text"/> m <sup>2</sup>

#### Application of solid manure

Dug in within 4 hours maximum after application	9886 <input type="text"/> <input type="text"/> <input type="text"/>	as a % of total quantity of solid manure
Dug in within one day maximum after application	9887 <input type="text"/> <input type="text"/> <input type="text"/>	as a % of total quantity of solid manure
Not dug in or after more than one day after application	9888 <input type="text"/> <input type="text"/> <input type="text"/>	as a % of total quantity of solid manure

### H3 Type of fertilisation of utilised agricultural area (UAA)

Areas fertilised with mineral fertilisers	9890 <input type="text"/> <input type="text"/> <input type="text"/> ha
Areas fertilised with farm fertilisers (slurry, manure, manure compost)	9891 <input type="text"/> <input type="text"/> <input type="text"/> ha
Other organic fertiliser applied to UAA (commercial fertiliser and fertiliser from waste)	9892 <input type="text"/> <input type="text"/> <input type="text"/> tonnes

## 11 Do you use digital technologies?

“Digital technologies” include IT equipment, software, mobile applications, sensor technology and big data applications, e.g. using communication technologies or electronic measuring and monitoring systems, or the use of robots and the automation of work processes. Exception: do not include entries in the animal tracing database (BDTA) and in cantonal systems for direct payments.

- Yes, I use digital technologies (even if they are only used by the contractor) 9901
- No, go to **question 18** on the following page 9902

## 12 Smartphone for decisions concerning the farm (several answers possible)

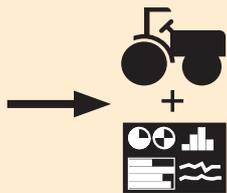
Do you use a smartphone for decisions concerning the farm? Not only to communicate, but also to help you make decisions about agricultural production?

- Yes, to obtain information (e.g. applications enabling detection of diseases or to determine market prices). 9903
- Yes, to monitor and steer (e.g. stall temperature, feeding, fertilisation, irrigation). 9904
- Yes, to simplify document management (e.g. field notebook, herd management, working hours). 9905
- Non, I do not use a smartphone to help me make decisions or manage the farm. 9906

## 13 Degree of digital networking on your farm Please allocate your farm to one of the following levels of digitalisation:



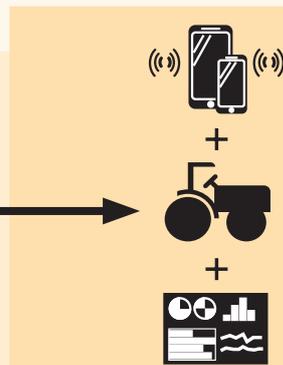
### 1. Intelligent product



9907

Sensors, software, etc.

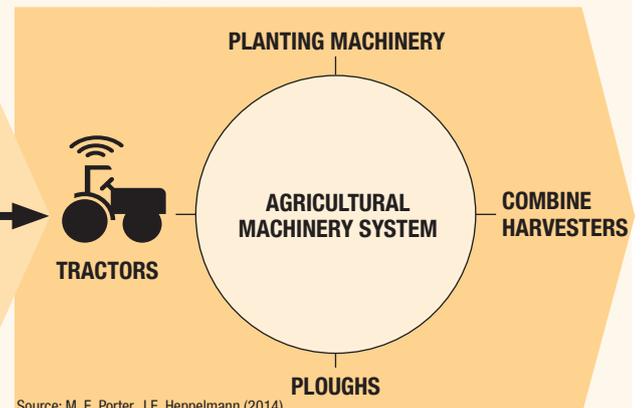
### 2. Intelligent and connected product



9908

Connection to user via interface

### 3. Production system



Source: M. E. Porter, J.E. Heppelmann (2014)

9909

A central system manages several products  
– also for different agricultural sectors  
(animal and plant production)

## 14 Digital technologies in arable farming (several answers possible)

Do you use digital technologies for arable farming, e.g. a GPS steering system or do you send orders to contractors from a fleet of machines equipped with digital technologies?

- Yes, for soil tillage 9910
- Yes, for fertilisation 9911
- Yes, to apply plant protection products 9912
- Yes, for irrigation 9913
- Yes, for protected vegetable growing 9914
- Yes, I use drones 9915
- Yes, for other areas than those mentioned above 9916
- No, I do not use any digital technology for arable farming 9917

## 15 Digital technologies in animal husbandry/in stall management (several answers possible)

Do you use digital technologies in animal husbandry and stall management?

- Yes, for livestock identification: with collar 9920
- with ear tag 9921
- with pedometer 9922

<b>15 Digital technologies in animal husbandry/in stall management</b> ( <i>several answers possible</i> )		
Do you use digital technologies in animal husbandry and stall management?		
Yes, for automated feed (concentrate) distribution	9923	<input type="checkbox"/>
Yes, to sort livestock	9924	<input type="checkbox"/>
Yes, to record livestock weights	9925	<input type="checkbox"/>
Yes, to record milk quality	9926	<input type="checkbox"/>
Yes, to monitor udder health	9927	<input type="checkbox"/>
Yes, to detect oestrus	9928	<input type="checkbox"/>
Yes, to observe births	9929	<input type="checkbox"/>
Yes, to regulate stall temperature	9930	<input type="checkbox"/>
Yes, for manure removal	9931	<input type="checkbox"/>
Yes, for other areas than those mentioned above	9932	<input type="checkbox"/>
No, I do not use any digital technology in the stall	9933	<input type="checkbox"/>
<b>16 Do you use special software in the office?</b> ( <i>several answers possible</i> )		
Do not include entries in the animal tracing database (BDTA) and in cantonal systems for direct payments.		
Yes, for herd management	9934	<input type="checkbox"/>
Yes, for treatment log	9935	<input type="checkbox"/>
Yes, for field notebooks	9936	<input type="checkbox"/>
Yes, for other tasks than those mentioned above	9937	<input type="checkbox"/>
No, I do not use any special software in the office	9938	<input type="checkbox"/>
<b>17 What are the main reasons you use digital technologies?</b> ( <i>several answers possible</i> )		
To increase the farm's financial results, e.g. by improving use of the farm's resources	9939	<input type="checkbox"/>
To improve flexibility and organisation at work	9940	<input type="checkbox"/>
To reduce burden of physical work	9941	<input type="checkbox"/>
To improve livestock health and/or well-being	9942	<input type="checkbox"/>
To reduce the ecological footprint, e.g. by reducing use of pesticides or regulating stall temperature	9943	<input type="checkbox"/>
Out of interest in digital technologies	9944	<input type="checkbox"/>
For other reasons than those mentioned above	9945	<input type="checkbox"/>
<b>18 Can you see any risks, obstacles or difficulties in using digital technologies?</b> ( <i>several answers possible</i> )		
Digital technologies are not yet fit for purpose	9946	<input type="checkbox"/>
Distrust of digital technologies	9947	<input type="checkbox"/>
High acquisition costs	9948	<input type="checkbox"/>
User-unfriendly	9949	<input type="checkbox"/>
Insufficient knowledge (e.g. lack of support service, no overview of available systems)	9950	<input type="checkbox"/>
Doubtful benefit	9951	<input type="checkbox"/>
Reliance	9952	<input type="checkbox"/>
Lack of necessary infrastructure (e.g. poor connection)	9953	<input type="checkbox"/>
At odds with the professional image (that is not a farmer's work)	9954	<input type="checkbox"/>
Apprehension/lack of interest in these technologies	9955	<input type="checkbox"/>
I see neither risk, nor obstacle, nor difficulty	9956	<input type="checkbox"/>
<b>19 Do you intend to use these technologies in the next three years?</b> ( <i>several answers possible</i> )		
This question refers to the first acquisition, but also to later/additional acquisitions		
Yes, in the area of field work	9957	<input type="checkbox"/>
Yes in the area of animal husbandry and stall management	9958	<input type="checkbox"/>
Yes, in the office	9959	<input type="checkbox"/>
Yes, in other areas than those mentioned above	9960	<input type="checkbox"/>
No, I do not intend to acquire this type of technology	9961	<input type="checkbox"/>

## Purpose of the survey

This survey provides data on farm structures, capacity and production methods and collects data on the economic circumstances of farm managers.

This questionnaire enables information to be collected on specific topics to complete the annual structural data (survey at cantonal level as part of the “Coordinated survey of agricultural data”).

The 2020 Farm Census appears in the multi-annual programme for federal statistics 2020–2023.

## Explanations and remarks

### A Information about the farm manager in 2020

#### A5 Farm manager

**Farm manager:** natural person, responsible for the usual and daily financial and production activities in relation to managing the farm.

**Farmer:** natural or legal person in whose name the farm is run, regardless of individual conditions of ownership. The farmer may be an owner, leaseholder, sitting tenant (Lessee, long-term inheritor), usufructuary or trustee.

### C Open field irrigation in 2020

Indicate the areas that have been irrigated **once** or **several times** in 2020.

### D Persons working on the farm in 2020

#### D1/D2 Family members (aged 15 or over) and non-family labour

**Farm managers of a farming community** in which members of their family work should register themselves and the members of their family at **D1**. The partner of the farming community and the members of their family are recorded in the survey as non-family labour, at **D2**.

**Columns 4 and 5** concern the number of hours worked on the farm (excluding housework). **Column 5** is for diversification activities on the farm. These are activities in which the production factors (land, buildings, machinery) and/or farm products are used.

**Column 6** is for paid work outside the farm. Such work may be:

- work as an employee, or
- freelance/self-employed work, e.g. as owner of a business or with profit sharing or on a commission basis, without influence on the farm’s turnover.

### F Stall systems/facilities in 2020

In principle, stall systems should only be mentioned here when animals of the species mentioned are actually kept, otherwise the chapter should be left empty.

With “**Total number of places**” (F1/F2/F3) we mean the number of animals that could be kept in each stall. Stabling places that are empty from time to time, are to be counted.

### H Farmyard manure in 2020

#### H1 Slurry storage

#### H2 Solid manure storage

Do not indicate unused manure storage sites or slurry reservoirs.

