

# recenseamento Agrícola 2019

## AUTONOMOUS REGION OF MADEIRA

STRICTLY CONFIDENTIAL MANDATORY SURVEY  
( LEI Nº 22 / 2008, de 13 de Maio )

### A INTERVIEWER'S IDENTIFICATION AND DATE OF INTERVIEW

INTERVIEWER ext. •  •  DATE

### B LOCATION OF THE HOLDING

MUNICIPALITY  PARISH

### C SITUATION OF THE HOLDING

From the field list ..... 1  
 New ..... 2  
 Not existing or below thresholds ..... 3

0010  (If code 0010 = 3 jump to F question)

### D CONDITION BY WHICH THE HOLDING IS SURVEYED

10 ares (0.1 ha) or more of Utilized Agricultural Area (UAA) ..... 1  
 Without the previous condition but above the threshold for a specific crop ..... 2  
 Without any of the previous conditions but with certain livestock production/existence ..... 3

0020

### E HOLDER'S IDENTIFICATION

Has the identification of the agricultural producer changed? ..... (Yes = 1; No = 9)

TAX IDENTIFICATION NUMBER  IACS NUMBER

NAME

#### ADDRESS

(Street, Ave. Sq.)

Type of building

Number  Floor  Side

Place

Locality

Zip code  -

Municipality  Parish

Country  Lives in the holding ..... (Yes = 1; No = 9)

#### CONTACTS

1<sup>st</sup> Tel.  -  2<sup>nd</sup> Tel.  -

e-mail

### F DATA PROVIDED BY

#### REACHABLE:

If data was not provided by the natural person, please fill in:

from  :  to  :

Name

1<sup>st</sup> Tel.  -  2<sup>nd</sup> Tel.  -

e-mail

Relationship status with the holder (do not answer in the case of legal person and other entities) .....

Spouse ..... 1     
  Other family member ..... 2     
  Non-family manager or other responsible ..... 3

Local Technician  on  /  /  Data manager  on  /  /



**5 ADMINISTRATIVE DATA ON OPERATING AID AND SUBSIDIES**

- (Yes = 1; No = 9)
- 5.1 Was the holder included in the IACS during the crop year 2018/2019? ..... 3210
- (Yes = 1; No = 9)
- 5.2 Were there benefits from applications approved under the PRODERAM 2020 in the past 3 years? ..... 3217
- 5.2.1 If so, were there any benefits from the following actions / operations: (Yes = 1)
- Investment in the holding (submeasure 4.1) ..... 9951
  - Investment in processing and marketing of agricultural products (submeasures 4.2, 4.3 and 4.4) ..... 9952
  - Restoring of the productive potential (Submeasure 5.2) ..... 9956
  - Installation of young farmers (Submeasure 6.1) ..... 9903
  - Forestry investment (Submeasures 8.1, 8.2, 8.3, 8.4, 8.5 to 8.6) ..... 9957
  - Agri-environment and climate (Actions 10.1.1, 10.1.2 and 10.1.3) ..... 9901
  - Organic farming (Submeasures 11.1 and 11.2) ..... 3226
  - Forest-environment-climate services and forest conservation (Submeasure 15.1) ..... 9906
  - Natura 2000 Payments (Submeasure 12.2) ..... 9925
  - Maintenance of the agricultural activity in less-favored areas (Submeasure 13.1 to 13.2) ..... 9905
  - Quality schemes for agricultural products, and foodstuffs (Submeasures 3.1 and 3.2) ..... 9908
  - Crop, animal and plant insurance (Submeasure 17.1) ..... 9907
- 5.3 If the holder or any partner (enterprise group), settled as a young farmer state the year ..... 9013

**6 GENERAL CHARACTERISTICS OF THE HOLDING (CROP YEAR 2018/2019)**

- 6.1 Total area of the holding ..... 0989  ha  ares  
 Consider the entire surface of the holding (agricultural area, fallow, forest, warehouses, livestock facilities, paths, etc.).
- 6.2 Number of discontinuous blocks of utilized agricultural area (UAA) ..... 1159  n°
- 6.3 Utilized Agricultural Area (UAA) ..... 0979  ha  ares  
 Area occupied with agricultural crops, grass and fallow land (also consider crops and grass under canopy cover of forest stands / cork oak and holm oak plantations).
- i* 0979 = 1020+1002+1004+1021+1005 = 0949 + 0959 + 0971 + 0972 + 0973
- 6.3.1 Utilized Agricultural Area (UAA) by ownership or form of land exploitation:
- |   |      | euros/year           | ha                   | ares                 |
|---|------|----------------------|----------------------|----------------------|
| Farming on own land   | 1020 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Fixed tenant farming  | 1101 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Partnership (exploited in association by the owner and the holder with distribution of production and costs to be incurred) | 1002 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Free of charge transfer of land by family members   | 1004 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Free of charge transfer of land by other than family members and other types of tenure                                      | 1021 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
|   | 1005 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
- 6.4 Temporary crops on bare land and under wooded area ..... 0949  ha  ares  
 Annual sowing and non-annual crops that are reseeded at intervals not exceeding 5 years (e.g. temporary grassland, etc.).
- 6.5 Fallow ..... 0959  ha  ares
- 6.6 Kitchen garden ..... 0971  ha  ares  
 Area reserved for the production of vegetables, potatoes, fruits and / or flowers mainly for consumption by the producer's household (self-consumption).
- 6.7 Permanent crops ..... 0972  ha  ares  
 Area occupied with orchards (fresh, tropical, berries, citrus and nuts), vineyards and olive groves.
- 6.8 Grassland on bare land and under wooded area ..... 0973  ha  ares  
 Areas grazed by cattle, sown or spontaneous, not included in a rotation and which occupy the ground for a period exceeding 5 years (including grazing underbrush).
- 6.9 Wooded area not covered by crops ..... 0981  ha  ares  
 Exclude grazed bushland and areas of chestnut or walnut when fruit production is the objective.
- 6.10 Unutilized Agricultural Area (NUAA) ..... 0983  ha  ares  
 Area that is no longer in agricultural use but which, although abandoned, retains its productive potential and may resume production.
- 6.11 Other areas ..... 0984  ha  ares  
 Consider the areas occupied by warehouses, livestock facilities, public places, paths, etc.
- (Yes = 1; No = 9)
- 6.12 Has the farm produced animals in the last year? ..... 1006
- 6.12.1 Is the farm in the sanitary break? ..... 1007
- 6.13 Is the holding certified for organic production (organic farming)? ..... 1008
- 6.14 Does the farm have an irrigation system? ..... 1300

*i* If the irrigation is exclusively for the kitchen garden, indicate No = 9. If, for specific reasons, they have not irrigated in the crop year 2018/19, indicate Yes = 1.

**7 ARABLE LAND (CROP YEAR 2018/2019)**

Of which, for organic production (main area)

	Main area (includes under wooded area)			Secondary area			
	Area 1	Irrigated area 2	Irrigation 3	Successive 4	Under permanent crops 5	In production 6	Under conversion 7
<b>7.1 Temporary crops</b>							
<b>7.1.1 Cereals for grain</b>							
Durum wheat.....	0101	0201		0301	0401	2501	
Rye.....	0103	0203		0303	0403	2503	
Six-row barley (common).....	0105	0205		0305	0405	2505	
Grain Hybrid.....	0108	0208		0308	0408	2508	
maize Regional.....	0109	0209		0309	0409	2509	
Other cereals for grain.....	0118	0218		0318	0418	2518	
• <b>Total cereals for grain</b> .....	<b>0119</b>	<b>0219</b>		<b>0319</b>	<b>0419</b>	<b>2301</b>	
<b>7.1.2 Plants harvested green from arable land</b>							
Temporary grasses and grazing.....	0130	0230			0430	2530	
Fodder leguminous plants.....	0132	0232			0432	2532	
Annual mixtures.....	0133	0233		0332	0433	2533	
Fodder oats.....	0134	0234		0333	0434	2534	
Green maize.....	0135	0235		0334	0435	2535	
Fodder sorghum.....	0137	0237		0335	0437	2537	
Ryegrass.....	0138	0238		0337	0438	2538	
Other fodder crops.....	0139	0239		0338	0439	2539	
• <b>Total Gr.fodder; temp. gras./grazing</b> .....	<b>0140</b>	<b>0240</b>		<b>0340</b>	<b>0440</b>	<b>2303</b>	
<b>7.1.3 Potatoes</b>							
Early potato (marketed after harvest).....	0141	0241			0441	2541	
Old crop potatoes.....	0142	0242		0341	0442	2542	
• <b>Total potatoes</b> .....	<b>0149</b>	<b>0249</b>		<b>0349</b>	<b>0449</b>	<b>2304</b>	
<b>7.1.4 Industrial crops</b>							
Aromatic / medicinal / culinary.....	0157	0257				2557	
Sugarcane.....	0156	0256				2556	
Other industrial crops (including fiber flax).....	0160	0260				2560	
• <b>Total industrial crops</b> .....	<b>0159</b>	<b>0259</b>			<b>0459</b>	<b>2306</b>	
<b>7.1.5 Fresh vegetables</b>							
• <b>Total open field fresh vegetables</b> .....	<b>0166</b>	<b>0266</b>		<b>0366</b>	<b>0466</b>	<b>2566</b>	
Market gardening Under glass/other protective cover.....	0167	0267			0467	2567	
• <b>Total market gardening fresh vegetables*</b> .....	<b>0169</b>	<b>0269</b>				<b>2569</b>	
<b>7.1.6 Flowers and ornamental plants</b>							
Flowers Under glass/other protective cover.....	0174	0274				2574	
• <b>Total flowers</b> .....	<b>0176</b>	<b>0276</b>				<b>2576</b>	
Ornamental plants Under glass/other protective cover.....	0177	0277				2577	
• <b>Total ornamental plants</b> .....	<b>0178</b>	<b>0279</b>				<b>2578</b>	

**(1)** Do not include potatoes from market gardening and kitchen garden.

(\* Including melons and strawberries grown in rotation with horticultural crops)

7.1.7 Seeds and seedlings ..... 0180 ha ares 0280 ha ares 2580 ha ares

(i) Include areas of plants harvested green from arable land for seed, except cereals, and the outdoor/under low protective cover production of seed and seedlings for sale of fresh vegetables, flowers and ornamental plants.

7.1.8 Other temporary crops

Sweet potatoes .....	0191									0391										0491																	2591																			
Yam .....	0192									0392										0492																		2592																		
Other temporary crops .....	0193									0393										0493																		2593																		
• Total other temporary crops .....	0195									0395										0495																		2595																		
<b>TOTAL TEMPORARY CROPS</b> .....	0196									0396										0496																		2309																		
7.2 Fallow .....	0197																																					2597																		
<b>TOTAL ARABLE LAND</b> .....	0199																																					2599																		

IRRIGATION METHOD CODES (question 7)

Surface irrigation	Traditional furrows .....	1	Sprinklers	with permanent lateral pipes .....	5	Localized irrigation	Drip irrigation .....	9
	Others (basin, ...)	4						

8 POTATOES

	Early potatoes		Old crop potatoes	
	1	2	1	2
Potatoes in kitchen garden .....				
Potatoes in fresh vegetables .....				
• Total potatoes .....	0533	0536	0534	0537
			0535	0538

9 FRESH VEGETABLES AND FLOWER

	Outdoor/low protective cover		Under glass/other protective cover	
	1	2	1	2
9.1 Fresh vegetables	9.2 Flowers			
Headed cabbage .....	0551	0561	Bird of paradise flower .....	0580
Cauliflower .....	0552	0562	Carnation .....	0571
Broccoli .....	0553	0563	Lilium .....	0572
Old crop Pumpkin .....	0501	0511	Chrysanthemum .....	0573
Pumpkin .....	0502	0512	Gerbera .....	0574
Lettuce .....	0555	0565	Rose .....	0575
Eggplant .....	0503	0513	Proteaceae .....	0581
Carrots .....	0556	0566	Anthurium .....	0582
Onions .....	0557	0567	Boat orchids .....	0583
Green beans .....	0558	0568	Venus Slipper .....	0584
Ripe beans .....	0504	0514	Ruscus .....	0576
Cucumber .....	0559	0569	Ornamental fern .....	0577
Sweet pepper .....	0505	0515	Other ornamentals .....	0578
Tomato .....	0560	0570		

(i) Register total area

**10 PERMANENT CROPS**

	Total area (include new plantations)		Irrigated area	Irrigation method	Of which, for organic production		Isolated trees	Under glass area	
	1	2			3	4			5
	ha	ares	ha	ares	ha	ares	n°	ha	ares
<b>10.1 Fresh fruits</b>									
Apple trees .....	0601		0701		3601		0801		
Regional apple trees .....	0612		0712		3612		0812		
Pear trees .....	0602		0702		3602		0802		
Peach trees .....	0603		0703		3603		0803		
Cherry trees .....	0604		0704		3604		0804		
Plum trees .....	0605		0705		3605		0805		
Apricot trees .....	0606		0706		3606		0806		
Fig trees .....	0608		0708		3608		0808		
Loquat trees .....	0609		0709		3609		0809		
Other fresh fruits .....	0618		0718		3618		0818		
• <b>Total fresh fruits</b> .....	<b>0619</b>		<b>0719</b>		<b>2331</b>		<b>0819</b>		
<b>10.2 Berries (excluding strawberries)</b>									
Blueberries .....	0624		0724		3624		0824		0943
Other berries (elderberries, etc.) .....	0640		0740		3640		0840		0944
• <b>Total berries (excluding strawberries)</b> .....	<b>0625</b>		<b>0725</b>		<b>2332</b>		<b>0825</b>		<b>0945</b>
<b>10.3 Fruits from subtropical and tropical climate zones</b>									
Custard apple tree .....	0627		0727		3627		0827		0946
Banana plantation .....	0628		0728		3628		0828		0947
Passionfruit .....	0629		0729		3629		0829		0948
Papaya tree .....	0630		0730		3630		0830		0953
Avocado tree .....	0631		0731		3631		0831		0954
Mango tree .....	0632		0732		3632		0832		0955
Guava tree .....	0633		0733		3633		0833		0956
Cattley guava .....	0634		0734		3634		0834		0957
Pitanga tree .....	0635		0735		3635		0835		0958
Fig opuntia .....	0613		0713		3613		0813		0960
Other fruits from subtropical and tropical climate zones .....	0638		0738		3638		0838		0961
• <b>Total fruits from subtropical and tropical climate zones</b> .....	<b>0639</b>		<b>0739</b>		<b>2333</b>		<b>0839</b>		<b>0962</b>
<b>10.4 Citrus</b>									
Orange trees .....	0641		0741		3641		0841		0963
Lemon trees .....	0642		0742		3642		0842		0964
Mandarin trees .....	0643		0743		3643		0843		0965
Citron .....	0647		0747		3647		0847		0966
Other citrus .....	0648		0748		3648		0848		0967
• <b>Total citrus</b> .....	<b>0649</b>		<b>0749</b>		<b>2334</b>		<b>0849</b>		<b>0968</b>
<b>10.5 Nuts</b>									
Chestnut trees .....	0652		0752		3652		0852		
Walnut trees .....	0654		0754		3654		0854		
Other nuts .....	0658		0758		3658		0858		
• <b>Total nuts</b> .....	<b>0659</b>		<b>0759</b>		<b>2335</b>		<b>0859</b>		

	ha ares					n°	ha ares													
	1	2	3	4	5		1	2	3	4	5									
10.6 Vineyard																				
For PDO "Madeira" wine	0671					0771					3671					0871				
For PDO "Madeirense" wine	0672					0772					3672					0872				
For PGI "Terras Madeirenses" wine	0674					0774					3674					0874				
For other table wines	0675					0775					3675					0875				
Direct producer	0676					0776					3676					0876				
For production of table grapes	0678					0778					3678					0878				
• <b>Total vineyard</b>	<b>0679</b>					<b>0779</b>					<b>2337</b>					<b>0879</b>				
10.7 Areas of propagating woody crops (nursery)																				
Wine	0681					0781					3681									
Fruit trees/citrus/olive	0682					0782					3682									
Forest	0683					0783					3683									
Ornamental plants	0684					0784					3684									
• <b>Total area of nurseries</b>	<b>0689</b>					<b>0789</b>					<b>3689</b>									
10.8 Other permanent crops																				
Osier	0693					0793					3693									
Other permanent crops (tea,...)	0694					0794					3694									
• <b>Total other permanent crops</b>	<b>0695</b>					<b>0795</b>					<b>3695</b>									
10.9 <b>TOTAL PERMANENT CROPS</b>	<b>0699</b>					<b>0799</b>					<b>2339</b>									

## 11 GRASSLAND

	Total area					Irrigated area					Irrigation method					Of which, for organic production									
	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5					
11.1 Sowed (at intervals of more than 5 years)																									
On bare land	0901																				3901				
Under permanent crop areas	0902																				3902				
Under forest wooded area	0903																				3903				
• <b>Total sowed</b>	<b>0906</b>																				<b>3906</b>				
11.2 Improved natural grassland (subject to technical / agronomic interventions such as fertilization, irrigation, drainage, etc.)																									
On bare land	0907																				3907				
Under permanent crop areas	0908																				3908				
Under forest wooded area	0909																				3909				
• <b>Total improved natural grassland</b>	<b>0912</b>																				<b>3912</b>				
11.3 Rough grazings (without technical/agronomical interventions; include woody pastures (broom, barley, heather) and grazed heathland and rocky outcrops)																									
On bare land	0913																				3913				
Under permanent crop areas	0914																				3914				
Under forest wooded area	0915																				3915				
• <b>Total rough grazing</b>	<b>0916</b>																				<b>2342</b>				
11.4 <b>TOTAL GRASSLAND</b>	<b>0919</b>					<b>0919</b>					<b>0939</b>										<b>2340</b>				

IRRIGATION METHOD CODES (question 10 and 11)	Surface irrigation					Sprinklers					Drip irrigation				
	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Traditional furrows															
Others (basin, ...)															
with permanent lateral pipes															
with portable lateral pipes															
Localized irrigation															
Micro-sprinkler irrigation															

## 12 CULTIVATED MUSHROOMS

Main area ..... 0550 

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 m<sup>2</sup>

## 13 IRRIGATION

### 13.1 Irrigation facilities

Public collective system .....	1311	%			
Private collective system .....	1312				
Individual system .....	1313				
	<table border="1" style="display: inline-table;"><tr><td>1</td><td>0</td><td>0</td></tr></table>	1	0	0	
1	0	0			

### 13.2 Source of irrigation water

			1320	%			
Surface water	{	Levada .....	1320				
		Dam reservoir, pond .....	1321				
		River, watercourse or natural lake .....	1322				
		Other .....	1323				
Ground water	{	Bored or drilled well .....	1324				
		Natural spring .....	1325				
		Other .....	1326				
		Other (public domestic water supply, services,...) .....	1328				
			<table border="1" style="display: inline-table;"><tr><td>1</td><td>0</td><td>0</td></tr></table>	1	0	0	
1	0	0					

### 13.3 Irrigable area

		ha	ares
Arable land (main area) .....	1331		
Permanent crops .....	1332		
Permanent grassland .....	1333		
● <b>Total</b> .....	<b>1339</b>		

## 14 SOIL TILLAGE PRACTICES IN TEMPORARY CROPS (MAIN AREA)

		ha	ares
Conventional tillage .....	1401		
Conventional tillage with hoe .....	1405		
Low tillage .....	1402		
Low tillage with manual labour .....	1406		
● <b>Total area of soil tilling (main area)</b> .....	<b>1409</b>		

i Tillage area (main area) [1409] ≤ temporary crops [0196].

## 15 SOIL TILLAGE PRACTICES IN PERMANENT CROPS

(Yes = 1; No = 9)

Cover cropping between lines of permanent cultures ..... 1430 

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 (Reply if there are permanent crops)

## 16 CONSTRAINTS ON AGRICULTURE ACTIVITY (PAST 12 MONTHS)

		(Yes = 1)		
Soil erosion .....	2361			
Weeds .....	2362			
Proximity to soil depleting trees .....	2363			
Pest attacks	{	Wood pigeon .....	2364	
		Other birds .....	2365	
		Rabbits .....	2366	
		Rats .....	2367	

i Consider just the following weeds: *Semele androgyna*, *Conyza bonariensis*, *Oxalis pes-caprae*, *Hedygium gardnerianum*, *Ricinus communis*, *Pittosporum undulatum*, *Passiflora molissima*, *Solanum mauritianum* and *Nicotiana glauca*.

Comments:



17.1 Livestock production system: Owner farming ..... (Yes = 1) 1890  Exploitation contract ..... (Yes = 1) 1891


17.1.1 If produced under operating contract register tax number of the integrator ..... 1892

17.2 Livestock (consider the animals produced on their own and / or under farm contract - property of the integrator)

		Total	In organic production
		n°	n°
<b>17.2.1 Cattle</b>			
Under one year old	Beef calves for slaughter .....	1901	4001
	Other calves (destination other than slaughter before 12 months) { Male calves .....	1902	4002
		Female calves .....	1903
Aged between one and two years old	Male bovines .....	1904	4004
	Breeding females .....	1905	4005
	Female bovines for slaughter .....	1906	4006
Two years old and over	Male bovines .....	1907	4007
	Breeding heifers .....	1908	4008
	Heifers for slaughter .....	1909	4009
	Dairy cows .....	1910	4010
	Other cows .....	1911	4011
<b>• Total of cattle .....</b>		<b>1912</b>	<b>2351</b>
<b>17.2.2 Pigs</b>			
Piglets (live weight under 20 kg) .....		1913	4013
Pigs with live weight from 20 kg to less than 50 kg .....		1914	4014
Fattening pigs with live weight of 50 kg and more .....		1918	4018
Breeding females with live weight of 50 kg and more .....		1923	4023
Breeding boars .....		1924	4024
<b>• Total of pigs .....</b>		<b>1929</b>	<b>2352</b>
<b>17.2.3 Sheeps</b>			
Dairy ewe lambs (mated for the first time) .....		1931	4031
Other ewe lambs (mated for the first time) .....		1932	4032
Dairy ewes (having already kidded) .....		1933	4033
Other ewes (having already kidded) .....		1934	4034
Other sheep .....		1935	4035
<b>• Total of sheeps .....</b>		<b>1939</b>	<b>2353</b>
<b>17.2.4 Goats</b>			
Dairy goats (mated for the first time, but not kidded yet) .....		1941	4041
Other goats (mated for the first time, but not kidded yet) .....		1942	4042
Dairy goats (having already kidded) .....		1943	4043
Other breeding goats .....		1944	4044
Other goats .....		1945	4045
<b>• Total of goats .....</b>		<b>1949</b>	<b>2354</b>
<b>17.2.5 Equidae</b>			
Horses .....		1951	
Other equidae { Donkeys .....	1952		
	Mules .....	1953	
<b>• Total of equidae .....</b>		<b>1959</b>	
<b>17.2.6 Poultry</b>			
Broilers (including breeding cocks) .....		1961	4061
Laying hens and breeding hens .....		1962	4062
Turkeys .....		1963	4063
Ducks .....		1964	4064
Quails .....		1967	4067
Other poultry .....		1965	4065
<b>• Total of poultry .....</b>		<b>1969</b>	<b>2355</b>
<b>17.2.7 Rabbits</b>			
Breeding females .....		1971	4071
Other rabbits .....		1972	4072
<b>• Total of rabbits .....</b>		<b>1979</b>	<b>3979</b>
<b>17.2.8 Inhabited hives and traditional cork hives</b>			
Inhabited hives .....		1981	4081
Inhabited traditional cork hives .....		1982	4082
<b>• Total of inhabited hives and traditional cork hives .....</b>		<b>1989</b>	<b>2356</b>
<b>17.2.9 Other animals .....</b>			

(Yes = 1; No = 9)

17.2.9 Other animals ..... 1990

 Include breeding of game birds, pigeon keeping.(Exclude pets).

**18 ANIMAL HOUSING (LAST 12 MONTHS)**

18.1 Cattle		Dairy cows	Other bovine
		n°	n°
18.1.1	Average number of animals	2140	2240
18.1.2 Usual number of animals on animal housing:			
Stanchion-tied stable	With production of solid manure	2128	2241
	With production of slurry	2129	2242
Loose housing (with or without cubicles)	With production of solid manure	2130	2243
	With production of slurry	2131	2244
		(Yes = 1)	(Yes = 1)
18.1.2.1	Access to exercise yards contiguous to animal housing	2115	2245
		n° of months	n° of months
18.1.2.2	Grazing (period of time)	2117	2247

*i* 1 day of grazing equivalent to more than 6 hours / day in the grassland.

18.1.3 Usual number of animals always outdoors		n°	n°
		2116	2246
18.2 Pigs		Breeding females	Other pigs
		n°	n°
18.2.1	Average number of animals	2150	2250
18.2.2 Usual number of animals on animal housing			
Type of instalation floor in animal housing	Solid floor	2125	2255
	Solid floor and deep-litter	2121	2251
	Slatted floor	2122	2252
	Partially slatted floor	2123	2253
	Other	2124	2254
		n° of months	n° of months
18.2.2.1	Grazing (period of time)	2127	2257

*i* 1 day of grazing equivalent to more than 6 hours / day in the grassland.

18.2.3 Usual number of animals always outdoors		n°	n°
		2126	2256
18.3 Laying hens and broilers		Laying hens	Broilers
		n°	n°
18.3.1	Average number of animals	2160	2260
18.3.2 Usual number of animals on animal housing			
Small poultry houses		2161	2261
In pavillions:			
Deep litter		2171	2271
Several tiers without cages:			
Without manure belt	without drying	2162	2262
	with drying	2163	2263
With manure belt	without drying	2164	2264
	with drying	2165	2265
		(Yes = 1)	(Yes = 1)
Access to exercise yards contiguous to animal housing		2166	2266
Enriched battery cages:			
Without manure belt	without drying	2167	
	with drying	2168	
With manure belt	without drying	2169	
	with drying	2170	
Other types of poultry houses		2134	2274
18.3.3	Usual number of animals always outdoors (free range)	2135	2275

Comments:

19 MANURE/SLURRY MANAGEMENT AND APPLICATION TECHNIQUES/USE OF FERTILIZERS (LAST 12 MONTHS)

19.1	Manure/slurry management produced in the holding	Cattle	Other grazing livestock	Pigs	Poultry
		1	2	3	4
		%	%	%	%
19.1.1	Percentage of manure/slurry produced by all animals	2450			

*i* The sum of manure / slurry produced by all of the animals must be equal to 100%.

19.1.2 Percentage of manure/slurry managed/stored by the stored facilities/destinations:

			%	%	%	%
No management or storage is made	Small facilities	2451				
	Without housing	2452				
Management is performed without storage	Daily removal from the holding	2453				
	Applied to soil (up to 24h after excretion)	2454				
Manure	In deep litters	2455				
	In piles or stacks	2456				
	In dry lots (trench silos, other silos, etc.)	2457				
	In compost piles (under controlled conditions)	2458				
	Pit storage below animal confinement	2459				
Slurry	In tanks or ponds	Uncovered	2461			
		With permeable cover	2462			
		With impermeable cover	2463			
	In lagoons	Uncovered	2464			
		With permeable cover	2465			
		With impermeable cover	2466			

*i* Management / storage of manure/slurry is usually conducted by a sequential flow between storage structures. Record the percentage of effluent, by type of animal, in the several management / storage structures in each of the flow stages, with reference to the total quantity. What is intended is not the distribution of the amount of effluent across the several structures to get 100%, but the percentage of the total manure/slurry managed / stored in each structure at the various stages of the flow.

19.2 Maximum capacity and storage time of manure / slurry storage structures

		Maximum capacity	Storage time
		1	2
		n° of months	n° of months
Manure	In deep litters	2467	
	In piles or stacks	2468	
	In dry lots (trench silos, other silos, etc.)	2469	
	In compost piles (under controlled conditions)	2470	
	Pit storage below animal confinement	2471	
Slurry	In tanks or ponds	Uncovered	2473
		With permeable cover	2474
		With impermeable cover	2475
	In lagoons	Uncovered	2476
		With permeable cover	2477
		With impermeable cover	2478

*i* - Maximum installed storage capacity in number of months: period of time required to reach the maximum capacity of the structure, considering the usual production of manure and / or slurry from the holding and without any discharge;  
 - Storage time of storage structures in number of months in the last year: usual period (in the last year), in months, between the start of manure accumulation / slurry filling in a storage structure and its removal / emptying.  
 - If there are several production units on the holding with animal housing and dispersed manure / slurry storage structures, consider the most representative in terms of herd.

19.3	Separation of solid fraction from slurry (use of sieve)	(Yes = 1)	2480
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Comments:

19.4 Volume of manure imported to and exported from the agricultural holding t  
 Volume of manure exported that is produced in the holding (sold / donated) ..... 2482 

--	--	--	--

  
 Volume of manure imported by the holding (sold/donated) to be used in agricultural activity ..... 2483 

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19.5 Volume of slurry imported to and exported from the agricultural holding m<sup>3</sup>  
 Volume of manure exported that is produced in the holding (sold / donated) ..... 2484 

--	--	--	--

  
 Volume of manure imported by the holding (sold/donated) to be used in agricultural activity ..... 2485 

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19.6 Volume of other organic fertilizers used on the holding (other than manure and slurry) t  
 Sludge ..... 2486 

--	--	--	--

  
 Compost ..... 2487 

--	--	--	--

  
 Other organic fertilizers ..... 2488 

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**i** Sludge and compost resulting from the storage / treatment of animal effluents are considered as manure / slurry and should therefore not be accounted for in this matter.

19.7 Fertilizer application Utilized Agricultural Area (UAA)  
1  

Utilized Agricultural Area (UAA)	
1	
ha	ares

  
 Inorganic fertilizers ..... 2489 

--	--	--	--

  
 Manure ..... 2490 

--	--	--	--

  
 Slurry ..... 2491 

--	--	--	--

  
 Sludge ..... 2492 

--	--	--	--

  
 Compost ..... 2493 

--	--	--	--

  
 Other organic fertilizers ..... 2494 

--	--	--	--

**i** Sludges and compost resulting from the storage / treatment of animal effluents are accounted for in manure and / or slurry.

19.8 Application of manure and slurry used on the farm (with or without previous storage) %  
 Broadcast without incorporation into the soil (or if the incorporation is not made within 24 hours after broadcast) ..... 1623 

--	--	--

  
 Broadcast with incorporation into the soil between 4 and 24 hours after application ..... 1624 

--	--	--

  
 Broadcast with incorporation into the soil within 4 hours after application ..... 1625 

--	--	--

  
 Band spread without a trailing shoe spreader ..... 1626 

--	--	--

  
 Band spread with a trailing shoe spreader ..... 1627 

--	--	--

  
 Injected into shallow slits ..... 1628 

--	--	--

  
 Injected into deep slits ..... 1629 

--	--	--

  
1 0 0

19.9 Destination of manure / slurry produced on the holding

	Manure		Slurry																	
	In the holding	Out of the holding	In the holding	Out of the holding																
	1	2	3	4																
Unknown	%	%	%	%																
Used in agriculture as fertilizer	2651 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td><td></td><td></td></tr></table>					2660 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td><td></td><td></td></tr></table>					2671 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td><td></td><td></td></tr></table>					2680 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td><td></td><td></td></tr></table>				
Livestock waste composting plant		2661 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td><td></td><td></td></tr></table>						2681 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td><td></td><td></td></tr></table>												
WWTP		2662 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td><td></td><td></td></tr></table>						2685 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td><td></td><td></td></tr></table>												
Other destinations	2656 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td><td></td><td></td></tr></table>					2666 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td><td></td><td></td></tr></table>					2676 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td><td></td><td></td></tr></table>					2686 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td><td></td><td></td></tr></table>				

**i** The sum of both manure and slurry destinations is 100%.

## 20 FERTILIZERS AND PESTICIDES

20.1 Storage of fertilizers and pesticides ..... 1630 

--	--

(Yes = 1; No = 9)

20.1.1 If so, please state if it is: (Yes = 1)  
 Over 10 m away from natural springs, watercourses, bored or drilled wells, furrows or drainage facilities ..... 1631 

--	--

  
 In dry, covered structure with waterproofed floor ..... 1632 

--	--

20.2 Handling and application of plant protection product (Yes = 1; No = 9)  
 Do you use protective equipment (suit, mask and gloves) during treatments? ..... 1642 

--	--

  
 Is there any protected area for equipment and package washing? ..... 1643 

--	--

20.2.1 Who applies the plant protection products: ..... 1644 

--	--

**i** Producer / manager of the holding ..... **1**  
 Holder's family member ..... **2**  
 Other ..... **3**

**21 MACHINERY AND SAFETY CONDITIONS**

**21.1 Tractors, agricultural equipment and warehouses**

	Belonging to the holding					Not belonging but used in the last 12 months 6
	Total	Less than 5 years	From 5 to less than 10 years	From 10 to less than 20 years	20 and more years	
	1	2	3	4	5	
	n°	n°	n°	n°	n°	(Yes = 1)
21.1.1 Tractors	2410					
From which:						
Registered	2440					
With protective structure (cabin, frame, arch)	2441					
Equipped with GPS	2442					
21.1.2 Self-propelled farming machines						
Walking cultivators	2412					
Motor hoes (rotovator)	2413					
Motormowers	2414					
21.1.3 Back equipment						
Backpack sprayers	2420					
Backpack atomizers	2421					
Brushcutter	2422					
Chainsaws	2423					
21.1.4 Self-propelled equipments						
Self-propelled mower	2424					
Self-propelled sprayer	2425					
21.1.5 Warehouses	2426					

**21.1.6 Plant protection product application equipment**

	Hanging	Towed	Self-propelled
	1	2	3
	n°	n°	n°
Hydraulic sprayer with horizontal bars	2433		
Hydraulic sprayer with vertical bars	2434		
Air blast sprayer	2435		
Pneumatic sprayer	2436		
Other sprayers	2439		

**21.2 Work safety**

(Yes = 1; No = 9)

21.2.1 Is there a written safety plan with a risk assessment in place to reduce workplace accidents? ..... 2437

(Yes = 1)

21.2.2 Do tractor drivers have skilled driver training? ..... 2438

Comments:

**i** Include all household members of the holder and other family members who regularly work on the holding (on the interviewer's day of passing).

Degree of kinship	Manager		Gender	Age	Education level	Agricultural training	Vocational training	Paid farm work on the holding Yes = 1	Farm work on the holding	Other gainful activities	
	Yes = 1	Year started								As his/her major occupation	As his/her subsidiary occupation
	1	2								10	11

Holder household members

Holder	2601	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spouse	2602	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2603	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2604	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2605	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2606	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2607	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2608	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2609	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2610	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2611	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2612	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Holder's family members who do not belong to their household but regularly work on the holding

	2613	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2614	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2615	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2616	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2617	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2618	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2619	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

• Total number of the holder's family members ..... 2629

**i** Do not consider income that does not result from an activity (e.g. pensions, interest, income).

**CODES TO BE USED IN QUESTIONS 22 and 23**

**GENDER**

- Male ..... 1
- Female ..... 2

**EDUCATION LEVEL**

- No formal education
  - Cannot read or write ..... 1
  - Can read and write ..... 2
- Basic
  - 1st cycle of primary education ..... 3
  - 2nd cycle of primary education ..... 4
  - Lower secondary education ..... 5
- Upper secondary education/ post-secondary non-tertiary education
  - Agricultural / Forestry ..... 6
  - Non agricultural / Non forestry ..... 7
- Higher
  - Agricultural / Forestry ..... 8
  - Non agricultural / Non forestry ..... 9

**AGRICULTURAL VOCATIONAL TRAINING COURSES OR ACTIONS**

- Never attended courses of professional training related with agriculture ..... 1
- Attended courses of professional training related with agriculture in the last 12 months ..... 2
- Attended courses of professional training related with agriculture more than 12 months ago ..... 3

**FARM WORK ON HOLDING (crop year 2018/2019)**

- Partial time
  - > 0 - < 25% ..... 1
  - 25 - < 50% ..... 2
  - 50 - < 75% ..... 3
  - 75 - < 100% ..... 4
- Full time (225 days or 1,800 hours/year) ..... 5

**i** Exclude non-farm work on the farm (forestry, processing, ...).

**AGRICULTURAL TRAINING**

- Only practical agricultural experience ..... 1
- Courses of professional training related with agriculture ..... 2
- Full agricultural training (secondary and superior level) ..... 3

**OTHER GAINFUL ACTIVITIES (other than the holding's agricultural activity)**

- Directly related to the agricultural holding ..... 1
- Not directly related to the agricultural holding ..... 2



## 25 DESTINATION OF AGRICULTURAL PRODUCTION

Importance of monetary value of agricultural production by destination:

		%		
Sale through centrals / cooperatives .....	9002	<input type="text"/>	<input type="text"/>	<input type="text"/>
Direct sales to the distribution sector .....	9003	<input type="text"/>	<input type="text"/>	<input type="text"/>
Retail sale .....	9004	<input type="text"/>	<input type="text"/>	<input type="text"/>
Sale to wholesalers .....	9005	<input type="text"/>	<input type="text"/>	<input type="text"/>
Sale to the manufacturing industry .....	9006	<input type="text"/>	<input type="text"/>	<input type="text"/>
Direct sale to final consumer .....	9007	<input type="text"/>	<input type="text"/>	<input type="text"/>
Export to European Union countries .....	9008	<input type="text"/>	<input type="text"/>	<input type="text"/>
Export to third countries .....	9009	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other forms of marketing .....	9010	<input type="text"/>	<input type="text"/>	<input type="text"/>
Shipment to mainland Portugal and/or Autonomous Region of Azores .....	9020	<input type="text"/>	<input type="text"/>	<input type="text"/>
Self-consumption .....	9011	<input type="text"/>	<input type="text"/>	<input type="text"/>
		1	0	0

## 26 INCOME

		%		
26.1 Importance of aid / subsidy on holding income .....	3310	<input type="text"/>	<input type="text"/>	<input type="text"/>
26.2 Source of holding income				
Farming activity (include aid / subsidies) .....	3321	<input type="text"/>	<input type="text"/>	<input type="text"/>
Annualised forestry activity (include aids / subsidies) (Without using production means of the agricultural holding) .....	3322	<input type="text"/>	<input type="text"/>	<input type="text"/>
(Using production means of the agricultural holding) .....	3323	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other gainful activities of the holding (except forest production) .....	3324	<input type="text"/>	<input type="text"/>	<input type="text"/>
		1	0	0
26.3 Source of household income of the natural person				
Agricultural holding .....	3331	<input type="text"/>	<input type="text"/>	<input type="text"/>
Primary sector wages .....	3332	<input type="text"/>	<input type="text"/>	<input type="text"/>
Secondary sector wages .....	3333	<input type="text"/>	<input type="text"/>	<input type="text"/>
Tertiary sector wages .....	3334	<input type="text"/>	<input type="text"/>	<input type="text"/>
Business activity .....	3335	<input type="text"/>	<input type="text"/>	<input type="text"/>
Pensions and retirement .....	3336	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other origins .....	3337	<input type="text"/>	<input type="text"/>	<input type="text"/>
		1	0	0

## 27 CONTINUITY OF THE AGRICULTURAL HOLDING (ADDRESSED TO THE NATURAL PERSON)

		(Yes = 1; No = 9)
27.1 Does the holder intend to continue farming on the next 2 years? .....	3410	<input type="text"/>
27.1.1 If so, state the main reason for continuing the agricultural holding .....	3411	<input type="text"/>
Economical viability .....		1
Supplement to family income .....		2
Emotional value .....		3
Without professional alternative .....		4
Other .....		5
		(Yes = 1; No = 9)
27.1.2 If not, state if there is a successor .....	3412	<input type="text"/>

Comments: