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The individual data is not
disseminated.



REPUBLIC OF BULGARIA
Ministry of Agricultural and Food
Agrostistics Department

**STRUCTURE OF AGRICULTURAL HOLDINGS
(Fss2016)
STATISTICAL QUESTIONNAIRE**

Field	Code	Data	Field type	Explanation
1. Geographical Codes of the Location of the Farm - identifier				
Administrative region	01		2 digits	Administrative region code 01 to 28
UCATTU	02		5 digits	
No by order	03		5 digits	
Statistical region	04		2 digits	01-Northwest, 02-North central, 03-Northeast, 04-Southeast, 05-Southwest, 06-South Central
2. Conducting the survey				
Surveyor: Name and surname	01		Text	
Surveyor's No	02		6 digits	
Date of survey	03		DD/MM/YY YY	
Names of respondent	04		Text	
Code of respondent	05		1 digit	1-Farmer; 2-Manager; 3-Third person.
3. Holding's name/title and contact address				
Name	01		Text	Natural person
Father's name	02		Text	
Surname	03		Text	
Holding's title	04		Text	Company and Natural person – Sole trader (ST)
ID/BULSTAT code	05		1 digit	1-ID; 2-BULSTAT
ID/BULSTAT No	06		Text	ID-10 digits; BULSTAT-9 or 13 digits.
Street	07		Text	
No	08		No	
Block	09		No	
Entrance	10		Text	
Floor	11		No	
Apartment	12		No	
Resident town/city/village	13		Text	
UCATTU	14		5 digits	
Region	15		Text	Наименование на административната област
Region code	16		2 digits	Код на административната област от 01 до 28
Municipality	17		Text	
Municipality code	18		5 items	
Tel.	19		No	
Mobile	20		No	
Fax	21		No	
E-mail	22		Text	
4. Data of the holding and location				
Resident town/city/village	01		Text	
UCATTU	02		Text	
Municipality	03		текст	
Municipality code	04		5 items	

Field	Code	Data	Field type	Explanation
Activity of the unit	05		code - 1 digit	1-Active (operating); 2-Suspended activities; 3-Temporarily inactive.
Date of termination	06		MM/YYYY	For code 2-Suspended activity, the date of termination is filled in
Is this a new holding?	07		code - 1 digit	1-YES, 0-NO
Commencement date	08		MM/YYYY	For code 1-YES, the date of commencement of the activity is filled in
Farm status for the survey	09		code - 1 digit	0-surveyed; 1-refuses an interview; 2-not found; 3-other.
Farm status for observed activity	10		code - 1 digit	0-с дейност; 1-без дейност.
Holding ID of the successor	11		code - 12 digits	For farms coded in heading 09 with code 3 and in box 10 with code 0, the holding ID of the successor from the sample must be filled in
ID/BULSTAT of the farmer/farm successor to the activity	12		9, 10 or 13 digits	For farms coded in heading 09 with code 3 and in box 10 with code 0, the holding ID/BULSTAT of the successor from the sample must be filled in
Does the holding exist in the census database '2010?	13		code - 1 digit	1-YES, 0-NO
Census ID '2010	14		12 items	When the code 1-YES is entered in code 14, the agrostatistics expert shall fill in the Census ID '2010
5. Legal status of the holding				
Legal status of the holding - Code	01		code - 1 digit (1 to 6)	2-Natural person – Sole trader (ST); 3-Co-operative; 4-Company registered under the Trade Act; 5-Civil associations under art. 357 of the Obligations and Contacts Act; 6-Other.
Explanation for code 6 - Other type of legal status	02		Text	Code 6 - Other, please provide text
6. Interview management				
A. Does the UCATTU code from the list coincide with the UCATTU code from question 4?	01		code - 1 digit	1-YES, 0-NO
B. Does the BULSTAT code or the ID from the list coincide with the one specified in question 3?	02		code - 1 digit	1-YES, 0-NO
6.1. A=YES and B=YES → the farm is the same, continue the interview.				
6.2. A=YES and B=NO → Continue the interview. Describe in detail the reason for the change of the ID or BULSTAT in the Remarks box .				
6.3. A=NO and B=NO → This is not the sought after farm from the list. Continue the interview if the farm was established during the reference/ monitored period and performs activity, subject of the interview. Find the farm as per the list and interview it.				
6.4. A=NO and B=YES → Continue the interview. Describe in detail the reason for the change of the location of the farm in the remarks box.				
B. Use "X" to mark which of the cases above corresponds to the interviewed farm?	03		1 digit	1-the holding is from the sample; 2-the farm has a changed ID/BULSTAT; 3-the farm is new; 4-the farm has a changed location (UCATTU).
For farms coded with code 2 - the holding has a changed ID/BULSTAT in position 03 and with code 4 the farm has changed location (UCATTU) in item 03 of question 6, fill in ID/BULSTAT of the holding of the sample				
Sample Farm ID with changed owner ID/BULSTAT or location (UCATTU)	04		code - 12 digits	For farms coded with code 2, the holding has changed its ID/BULSTAT in position 03 and with code 4 the holding has a different location (UCATTU) in item 03, question 6, the farm ID from the sample to be filled in
ID/BULSTAT of the holder/holding in the sample	05		9, 10 or 13 digits	For farms coded with code 2, the holding has changed its ID/BULSTAT in position 03 and with code 4 the holding has a different location (UCATTU) in item 03, question 6, the ID/BULSTAT of the holder/holding to be filled in
Does the holding replace a denial or an undiscovered farm?	06		code - 1 digit	1-YES, 0-NO
For farms replacing refused interviews or undiscovered holdings (for which there is evidence that they are engaged in farming), ID/BULSTAT from the sample farm to be filled in.				
The sample farm ID - it has declined interview or is not found	07		12 digits	If 1-Yes fill in the farm ID of the sample in code 06
ID/BULSTAT of the holder / holding in the sample who has refused an interview or is undetected	08		code - 9 to 13 digits	If 1-Yes, fill in the ID/BULSTAT of the farmer/farm from the sample

Field	Code	Data	Field type	Explanation
7. Does the holding keep regular accounts?				
Type of farm accountancy	01		code - 1 digit 1 to 4	1-None 2-Statement of comprehensive income (balance-sheet) only 3-Bookkeeping by single entry 4-Bookkeeping by double entry
8. Have you received support for your activities in the period 2014 - 2016 r.?				
Application at SFA-PA for support	01		code - 1 digit	1-YES, 0-NO
Unique Registration Number (URN) in IACS	02		6 digits	If 1-DA fill in the URN of the holding in code 01
<i>If the holding has more than one URN in IACS, please record the URNs of holdings, registered in IACS, whose activity is united in this questionnaire!</i>				
2-Unique Registration Number (URN) in IACS of the associated holdings	03		6 digits	IF 1-YES fill in the URN of the associated holding in code 01
3-Unique Registration Number (URN) in IACS of the associated holdings	04		6 digits	IF 1-YES fill in the URN of the associated holding in code 01
9. Has the manager of the holding acquired any agricultural training and credentials?				
Agricultural training of the manager (including agricultural economics, agricultural mechanization, veterinary medicine, hydro-meliorations, etc.)	01		code - 1 digit 1 to 4	1-No agricultural education - only practical agricultural experience; 2-Basic agricultural training (a course in Agriculture with a minimum of 150 hours); 3-High-school specialization in agricultural training; 4-Higher university degree of agricultural education.
10. Has the manager started an agricultural training course during the past 12 months?				
Vocational training in agriculture started by the manager in the last 12 months	01		code - 1 digit	1-YES, 0-NO
11. Does the holding provide land for collective grazing of animals (common land)?				
Do you provide land for collective grazing of animals?	01		code - 1 digit	1-YES, 0-NO
12. What is the total utilized agricultural area cultivated 2015/2016 under field crops, vegetables, flowers, greenhouses, kitchen gardens, fallow land, permanent crops, meadows and pastures? Please include the abandoned permanent crops up to 5 years, able for restoration.				
100 sq.m. = 0.01 ha		1 dca = 0.10 ha		Area data is recorded in hectares to the second decimal after the decimal separator - 0.00
1000 sq.m. = 0.10 ha		10 dca = 1.00 ha		
		Code	Area (ha)	
TOTAL UTILIZED AGRICULTURAL AREA (UAA) (including arable land, permanent crops (abandoned and renewable crops up to 5 years, incl.), permanent grassland and kitchen gardens)		01		
of which self-owned area		02		
of which area under rent or lease		03		
of any other type of tenure		04		
of which common land		05		
13. Who is the owner of the Utilized Agricultural Area (UAA) of the holding?				
		Code	Area (ha)	
State (State Land Funds, schools, prisons, hospitals incl.)		01		
Municipality (Municipality Land Funds, schools, hospitals incl.)		02		
Private owners	Legal persons	03		
	Legal persons (members of co-operatives incl.)	04		
UAA TOTAL Σ(01÷04)		05		

100 sq.m. = 0.01 ha
 1000 sq.m. = 0.10 ha

1 dca = 0.10 ha
 10 dca = 1.00 ha

Area data is recorded in hectares
 to the second decimal after the decimal separator - 0.00

13.1 Allocation of utilized agricultural area (UAA) by settlements

Region - Code	Region	Settlement	UCATTU	Code	UAA (ha)
				01	
				02	
				03	
				04	
				05	
				06	
				07	
				08	
				09	
				10	
				11	
				12	
				13	
				14	
				15	
				16	
				17	
				18	
				19	
				20	
				21	
				22	
				23	
				24	
				25	
				26	
				27	
				28	
				29	
				30	
UAA TOTAL				999	

14. Does the holding apply organic farming (crops and livestock) ?

Please, tick 1-YES, 0-NO:

01

100 sq.m. = 0.01
1000 sq.m. = 0.10 ha1 dca = 0.10 ha
10 dca = 1.00 haArea data is recorded in hectares
to the second decimal after the decimal separator - 0.00**15. Area under main crops in 2015/2016 r.**

Crop	Code	Sown area	Irrigated area last 12 months	Organic crops area (in transition or certified)
		(ha) 01	(ha) 02	(ha) 03

CEREALS (seeds incl.)**Cereals**

Common wheat	01			
Einkorn wheat and spelt	02			
Durum wheat	03			
Rye (<i>mixtures of rye and other cereal-grain cereals incl. </i>)	04			
Barley	05			
Oats (<i>mixtures of oats and other spring cereals incl.</i>)	06			
Grain and seed maize	07			
Rice	08			
Triticale	09			
Millet	10			
Sorghum	11			
Other cereals (alpista, buckwheat)	12			
Cereals total $\Sigma(01\div 12)$	13			

Grain legumes (seeds incl.)

Beans	14			
Lentils	15			
Fodder peas, broad beans and sweet lupins	16			
Chick-peas	17			
Other grain legumes (vetches seeds etc.)	18			
Grain legumes total $\Sigma(14\div 18)$	19			

INDUSTRIAL CROPS**Oil-seeds (seeds incl.)**

Sunflower	20			
Rape and turnip rape	21			
Soya	22			
Ground-nuts	23			
Oil pumpkinseed	24			
Linseed (oil flax)	25			
Other oil (sesame, castor, carthame, etc.)	26			
Oil-seeds total $\Sigma(20\div 26)$	27	5		

100 sq.m. = 0.01 1000 sq.m. = 0.10 ha	1 dca = 0.10 ha 10 dca = 1.00 ha	Area data is recorded in hectares to the second decimal after the decimal separator - 0.00
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15. Area under main crops during crop year 2015/2016 r.
(ha)
Continued
INDUSTRIAL CROPS

Crop	Code	Sown area	Area irrigated in the last 12 months	Organic crops area (in transition or certified)
		(ha) 01	(ha) 02	(ha) 03

Fibre crops (seeds excl.)

Cotton	28			
Fibre flax	29			
Hemp	30			
Other fibre crops (sisal, jute)	31			
Fibre crops total $\Sigma(28\div31)$	32			

Aromatic, medicinal and culinary plants (seeds excl.)

Oil rose	33			
Lavender	34			
Valerian	35			
Coriander	36			
Cultivated hips	37			
Silibum	38			
Fennel	39			
Other aromatic, medicinal and culinary plants (Caraway, medical poppy, anise, peppermint, melissa, parsley, dill, etc.)	40			
Aromatic, medicinal and culinary plants total $\Sigma(33\div40)$	41			

Other industrial crops (seeds excl.)

Tobacco	42			
Hops	43			
Energy crops for the production of biofuels and others renewable energy sources (miscanthus, canary grass)	44			
Other industrial crops (sorghum for brooms etc.)	45			
Other industrial crops total $\Sigma(42\div45)$	46			

INDUSTRIAL CROPS TOTAL $\Sigma(27+ 32+41+46)$
47
Fodder roots and brassicas (seeds excl.)

Fodder beet	48			
Sugar beet	49			
Other (fodder kale, carrots etc.)	50			
Fodder root and brassicas total $\Sigma(48+50)$	51			

Fodder crops (seeds excl.)

Silage and green maize	52			
Lucerne	53			
Other leguminous and perennial leguminous crops harvested green & for hay (clover, sainfoin, peas, vetches etc.)	54			
Temporary grasses (ryegrasses, cocksfoot etc.)	55			
Other forage crops harvested green& hay (annual cereals, leguminous cereals, etc.)	56			
Forage crops total $\Sigma(52\div56)$	57			

100 sq.m. = 0.01 1000 sq.m. = 0.10 ha		1 dca = 0.10 ha 10 dca = 1.00 ha		Area data is recorded in hectares to the second decimal after the decimal separator - 0.00	
15. Area under main crops in crop year 2015/2016 r.					(ha)
<i>Continued</i>					
Crop	Code	Sown area	Area irrigated in the last 12 months	Organic crops area (in transition or certified)	
		(ha) 01	(ha) 02	(ha) 03	
Potatoes (seeds incl.)	58				
Strawberries open field (seeds excl.)	59				
of which market gardening	60				
Fresh vegetables, incl. melons and watermelons (seeds excl.)					
Open-field vegetables	61				
Market gardening vegetables	62				
Vegetables, cultivated under high-cover greenhouses (strawberries incl.)	63				
Fresh vegetables total Σ (61÷63)	64				
<i>Note: Open-field vegetables are grown in crop-rotation along with agricultural crops other than vegetables. Market gardening vegetables are grown in crop-rotation along with other vegetable crops only. Potatoes, leguminous crops and open-field strawberries are excluded. Green beans, green peas and sweet corn are included.</i>					
Flowers and ornamental plants (seeds excl.)					
Grown on open-field area (incl. under low (not accessible) protective cover)	65				
Grown under glass or other (accessible) protective cov	66				
Flowers total Σ(65÷66)	67				
Seeds and seedlings	68				
<i>Including area for seeds and seedlings for sugar and fodder beet, hops, tobacco, cotton, hemp, flax, aromatic and medicinal plants, herbs, forage plants (cereals excl.), forage vegetables, fresh vegetables, strawberries, flowers, grass mixtures.</i>					
Other crops on arable land (not mentioned elsewhere)	69				
Please, specify:					
Fallow land	70				
of which ploughed	71				
ARABLE LAND Σ(13+19+47+51+57+58+59+64+67+68+69+70)	72				
KITCHEN GARDENS	73				
<i>Kitchen gardens - usually area under crops grown for own consumption by the owner's household.</i>					
PERMANENT GRASSLAND					
Pastures and meadows	74				
Grassland area of low productivity (rough grazing pa	75				
Pastures and meadows no longer used for production purposes and eligible for the payment of subsidies	76				
PERMANENT GRASSLAND TOTAL Σ(74÷76)	77				

100 sq.m. = 0.01
1000 sq.m. = 0.10 ha

1 dca = 0.10 ha
10 dca = 1.00 ha

Area data is recorded in hectares
to the second decimal after the decimal separator - 0.00

16. Area under permanent crops in the crop year 2015/2016 r.

(ha)

Crop	Code	Fruit-bearing and young plantations	Abandoned perennials up to 5 years (2012-2016), with a recovery option	Area irrigated in the last 12 months	Organic crops area (in transition or certified)
		(ha) 01	(ha) 02	(ha) 03	(ha) 04

FRUIT TREES

Pip and stone fruit

Apples	01				
Pears	02				
Peaches and nectarines	03				
Apricots	04				
Plum and wild plum	05				
Cherries	06				
Sour cherries	07				
Other (quince, medlars, dogwood etc.)	08				
Pip and stone fruit total $\Sigma(01\div08)$	09				

Nuts

Walnuts	10				
Almonds	11				
Hazelnuts	12				
Other (chestnuts)	13				
Nuts total $\Sigma(10\div13)$	14				

Berries

Raspberries	15				
Aronia	16				
Blackberries	17				
Goji berry	18				
Other berries (kiwi, black currant, currants, mulberry, figs, etc.)	19				
Berries total $\Sigma(15\div19)$	20				

TOTAL PERMANENT CROPS $\Sigma(09+14+20)$

21

NURSERIES (open field)

Main area

Area irrigated in the last 12 months

Organic crops area (in transition or certified)

Vine seedling	22				
Fruit-tree nurseries	23				
Ornamental tree nurseries	24				
Forest tree nurseries	25				
NURSERIES TOTAL $\Sigma(22\div25)$	26				

100 sq.m. = 0.01
1000 sq.m. = 0.10 ha

1 dca = 0.10 ha
10 dca = 1.00 ha

Area data is recorded in hectares
to the second decimal after the decimal separator - 0.00

16. Area under permanent crops in the crop year 2015/2016 r.

(ha)

Continued

Crop	Code	Fruit-bearing and young plantations	Abandoned perennials up to 5 years (2012-2016), with a recovery option	Area irrigated in the last 12 months	Organic crops area (in transition or certified)
		(xa) 01	(xa) 02	(xa) 03	(xa) 04
Vines with grape varieties for wines with Protected designation of origin (PDO)	27				
Vines with grape varieties for wines with Protected geographical indication (PGI)	28				
Vines with grape varieties for other wines	29				
Vines for wine grapes $\Sigma(27+28+29)$	30				
Vineyard with grape varieties for table grapes	31				
Vineyards with grape varieties for raisins	32				
VINEYARDS TOTAL $\Sigma(30+31+32)$	33				
Other permanent crops (osier willows, frail etc.)	34				
<i>of which Christmas trees</i>	35				
Permanent crops under glass or other (accessible) protective cover <i>Please specify the type of permanent plantations</i>	36				
PERMAMENT CROPS - TOTAL $\Sigma(21+26+33+34+36)$	37				
UAA OF THE HOLDING - TOTAL Σ[question 15, code 72+73+77 + question 16, code 37]	38	Question 15 (col. 01) + Question 16 (col. 01 + col. 02)		Question 15 (col. 02) + Question 16 (col. 03)	Question 15 (col. 03) + Question 16 (col. 04)

17. Other land and total area of the holding

	Code	Area (ha)
Area occupied by farm buildings and farmyard (100 m ² =0.01 ha)	01	
Unutilized agricultural area (<i>permanent crops abandoned for more than 5 years incl.</i>)	02	
Forests and wooded area	03	
<i>of which in short rotation cycle</i>	04	
Other non-agricultural area (roads, lakes, etc.)	05	
AREA TOTAL $\Sigma(01+02+03+05)$	06	
TOTAL HOLDING AREA Σ[question 16, code 38 + question 17, code 06]	07	

18. What part of the UAA of the holding is certified or is in the process of certification of organic production?

	Code	UAA (ha)
Area, certified for organic production	01	
Area in certification process	02	
Total area under organic production $\Sigma(01+02)$	03	

19. Vine trees in the farm

Vine trees (trellis)	(Number)	01	
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20. Areas of bags, beds or similar surfaces for the production of cultivated mushrooms

	Code	Area (sq. m.)
Area for the production of cultivated mushrooms	01	
Area for the production of other cultivated mushrooms	02	
Total areas for the production of cultivated mushrooms $\Sigma(03=01+02)$	03	
Organic area incl. (in transition or certified)	04	

Possibilities of the agricultural holding for irrigation of the utilized agricultural area during the crop year

100 sq.m. = 0.01
1000 sq.m. = 0.10 ha

1 dca = 0.10 ha
10 dca = 1.00 ha

Area data is recorded in hectares
to the second decimal after the decimal separator - 0.00

21. What area can be irrigated by the existing installations and water sources?

(the entire area of kitchen gardens and greenhouses incl.)

Total irrigated area	(ha)	01	
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22. Which irrigation methods can be applied (for irrigation of kitchen gardens and greenhouses incl.)?

(please fill in code 1-YES or 0-NO, more than one response with code 1-YES possible)

Irrigation methods	Code	Answer (code 1-YES, 0-NO)
Surface irrigation (flooding, furrows)	01	
Sprinkler irrigation <i>(by propelling the water under high pressure as rain)</i>	02	
Drop irrigation <i>(by placing the water low by the plants drop by drop or with micro-sprinklers or by forming fog-like conditions)</i>	03	

23. Main source of irrigation water?

(for irrigation of kitchen gardens and greenhouses incl.)

<i>Please enter a code 1 to 5 (only one answer is possible)</i>		Main source of irrigation water (code 1 to 5)
Type of source	Code	
On-farm ground water (wells, drills and springs)	1	
On-farm surface water <i>(Small natural ponds or artificial dams, situated entirely on the holding or used only by one holding)</i>	2	
Off-farm surface water <i>извън стопанството (lakes, small water reservoirs, rivers, other watercourses, not artificially created for irrigation purposes).</i>	3	
Off-farm water from common water supply networks - a source, accessible to at least two holdings <i>(dams, pipelines and canals for irrigation)</i>	4	
Other sources <i>(reclaimed waste water, desalinated water etc.)</i>	5	

100 sq.m. = 0.01
1000 sq.m. = 0.10 ha

1 dca = 0.10 ha
10 dca = 1.00 ha

Area data is recorded in hectares
to the second decimal after the decimal separator - 0.00

Soil management and manure management in the holding

24. Outdoor arable land

(ha)

01

24.1 Tillage methods on outdoor arable land

Code

Area (ha)

Conventional tillage (*with a mouldboard or a disc plough*), which involves **inversion of the soil and burying of crop residues** (*conventional tillage*)

01

Conservation tillage (tined tillage, ridge tillage), with equipment which does not invert the soil where the surface normally remains with a good cover of residues on the surface (*conservation (low) tillage*)

02

Zero tillage (no tillage is applied between harvests and sowing, the crop is sown directly into soil not tilled since the harvest of the previous crop; **outdoor arable land areas which are covered by multi-annual plants excl.**)

03

Outdoor arable land areas which are covered by **multi-annual plants** (hops, strawberries, oil rose, lavender, cultivated brier hips, valerian, alfalfa, clover, ryegrass, etc.), not sown or cultivated in the reference year and/or green manure (green fallow) (not ploughed during the reference year)

04

24.2. Soil cover on outdoor arable land

Code

Area (ha)

Normal winter crop (normal winter crops, such as winter wheat, *barley, rye, triticale, rape etc.*)

01

02

Plant residues (plant residues and stubble of the previous crop season)

03

Bare soil (arable land that is ploughed or otherwise tilled in autumn after harvesting and is not sown or covered during winter with any plant residues, remaining bare)

04

Outdoor arable land areas which are covered by **multi-annual plants** (hops, strawberries, oil rose, lavender, cultivated brier hips, valerian, alfalfa, clover, ryegrass, etc.), not sown or cultivated in the reference year and/or **green manure (green fallow)** (not ploughed during the reference year)

05

25. Crop rotation on outdoor arable land

Outdoor arable land, market gardening vegetables and strawberries excl.

(ha)

01

Share of arable land included in crop rotation	Code	Area (ha)	Group from the auxiliary table (code 1 to 5)	An auxiliary table for crop rotation coding for crops on the farm <table border="1"> <thead> <tr> <th>Crop rotation</th> <th>Group</th> </tr> </thead> <tbody> <tr> <td>0%</td> <td>1</td> </tr> <tr> <td>>0% и <25%</td> <td>2</td> </tr> <tr> <td>>=25% и < 50%</td> <td>3</td> </tr> <tr> <td>>=50% и < 75%</td> <td>4</td> </tr> <tr> <td>>= 75%</td> <td>5</td> </tr> </tbody> </table>	Crop rotation	Group	0%	1	>0% и <25%	2	>=25% и < 50%	3	>=50% и < 75%	4	>= 75%	5
Crop rotation	Group															
0%	1															
>0% и <25%	2															
>=25% и < 50%	3															
>=50% и < 75%	4															
>= 75%	5															
Outdoor arable land (market gardening vegetables and strawberries excl.), included in crop rotation in 2015/2016 r.	02															

$$\text{Share of arable land, included in crop rotation (\%)} = \frac{\text{Outdoor arable land (market gardening vegetables and strawberries excl.), included in crop rotation in 2015/2016 r.}}{\text{Outdoor arable land, market gardening vegetables and strawberries excl.}} * 100$$

Crop rotation is the practice of alternating crops grown on a specific field in a planned pattern or sequence in successive crop years so that crops of the same species are not grown without interruption for two crop years on the same field.

26. Landscape features

(only for holding with arable land > 15 xa)

Code

Area (ha)

Ecological focus area – total area of field margins, buffer strips, hedges, trees, fallow land, biotopes, afforested area and landscape features

01

27. Has the holding manure storage facilities?

Please mark the answer with code 1-YES or 0-NO

	01	
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If yes, please specify the type of manure storage facility

Type of facility:	Code	Answer code 1 - YES or 0 - NO
Common dunghill	02	
Special watertight storage facilities for:		
Solid manure	03	
Liquid manure	04	
Slurry manure	05	
Lagoons	06	

28. Manure quantity imported/exported from the holding during the last 12 months

	Code	Quantity (tonnes)
The total produced manure	01	
The amount of manure brought to the holding (regardless if paid for or received for free, to be used in agriculture)	02	
Manure applied on the farm	03	
The amount of manure (code 01) transported away from the holding - regardless if paid for or received for free.	04	

29. Manure application techniques

Code	Group (code 1 to 6)	An auxiliary table for share coding (%) for manure application technique	
Broadcast over the surface of an area of land or crop (solid, liquid and slurry)			
No incorporation (where no incorporation into the soil wa	01		
Incorporation within 4 hours	02		
Incorporation after 4 hours	03		
Band-spread		Manure, % group	Group
Trailing hose	04	0%	1
Trailing shoe	05	>0% и <25%	2
Injection		>=25% и < 50%	3
Shallow/open-slot	06	>=50% и < 75%	4
Deep/closed-slot	07	>= 75% и <100%	5
		100%	6

100 sq.m. = 0.01 1 dca = 0.10 ha Area data is recorded in hectares
 1000 sq.m. = 0.10 ha 10 dca = 1.00 ha to the second decimal after the decimal separator - 0.00

30. Outdoor area of the holding to which manure was applied (UAA, greenhouses excl.)

	Code	Area (ha)
Farm open area with manure application	01	

31. Farm open area with mineral fertilizers application (UAA, greenhouses excl.)

Mineral fertilizers	Code	Area (ha)
Total open area fertilized with mineral fertilizers	01	

32. Farm open area with plant protection products application (UAA, greenhouses excl.)

Plant protection products	Code	Area (ha)
Open area application with herbicides	01	
Open area application with fungicides	02	
Open area application with insecticides	03	

LIVESTOCK

33. Do you breed any livestock (birds and bee families incl.)?

Please, tick the answer code 1-YES or 0-NO:

01

If NO, please skip to question 37!

34. Number of animals on 1th september 2016

(animals taken for breeding incl. and animals given for breeding to another holding excl.)

Bovines	Code	Number of heads
Calves of less than 1 year	01	
Other male calves under 1 year (for breeding incl.)	02	
Other female calves under 1 year (for breeding incl.)	03	
Males of 1 to 2 years old	04	
Heifers for fattening of 1 to 2 years old	05	
Other heifers of 1 to 2 years old (for breeding)	06	
Males 2 years old and over	07	
Heifers for fattening 2 years old and over	08	
Other heifers 2 years old and over (for breeding)	09	
Dairy cows	10	
Other cows (for meat incl.)	11	
Bovines total $\Sigma(01+11)$	12	

Buffaloes		
Male buffalo-calves of less than 1 year	13	
Female buffalo-calves of less than 1 year	14	
Males 1 to 2 years old	15	
Female buffalo-calves 1 to 2 years old	16	
Female buffalo-calves 1 to 2 years old	17	
Female buffalo-calves over 1 year old	18	
Dairy buffalos	19	
Buffalos total $\Sigma(13+19)$	20	

Equidae		
Mares 3 years old and over for work	21	
Mares and ponies 3 years old and over for sport and tourism	22	
Stud-horses 3 years old and over	23	
Young horses and ponies of less than 3 years	24	
Geldings (castrated animals)	25	
Donkeys	26	
Mules	27	
Equidae total $\Sigma(21+27)$	28	

Goats		
Goats which have already kidded	29	
Goats mated for the first time 1 year old and over	30	
Billy-goats, young incl.	31	
Other goats	32	
Goats total $\Sigma(29+32)$	33	

Sheep		
Milk ewes	34	
Ewes for meat	35	
Ewe lambs put to the ram 1 year old and over	36	
Rams, young incl.	37	
Other sheep (<i>lambs and weaned lambs</i>)	38	
Sheep total $\Sigma(34+38)$	39	

34. Number of animals on 1st september 2016*(animals taken for breeding incl. and animals given for breeding to another holding excl.)**Continued*

Pigs	Code	Number of heads
Piglets having a live weight of under 20 kilograms	40	
Pigs with a live weight from 20 kilograms to less than 50 kilograms	41	
Fattening pigs (<=50 kg>=80 kg)	42	
Fattening pigs (<=80 kg>=110 kg)	43	
Fattening pigs (>=110 kg)	44	
Breeding boars of a live weight of 50 kilograms and more	45	
Mated sows	46	
Sows covered for the first time	47	
Other sows	48	
Young female pigs (>50 kg)	49	
Pigs total $\Sigma(40+49)$	50	

Poultry	Code	Number of heads
Laying hens	51	
Breeding hens	52	
Pullets	53	
Broilers for fattening	54	
Turkeys	55	
Ducks	56	
Geese	57	
Ostriches	58	
Other poultry (quails, pheasants, guinea-fowl etc.)	59	
Poultry total $\Sigma(51+59)$	60	

Rabbits	Code	Number of heads
Breeding rabbits - females	61	
Other rabbits	62	
Rabbits total $\Sigma(61+62)$	63	

Apiculture	Code	Number of heads
Number of bee hives	64	

	Code	Answer Code 1-YES; 0-NO
Livestock not mentioned elsewhere <i>(nutria, mink, angora rabbits, angora goats, etc.)</i>		
Please, specify: <input type="text"/>	65	

*Californian worms and snails are not included in question 34, code 65!***35. Is the holding certified for organic animal production or in certification process?**

Organic farming	Code	Answer Code 1-YES; 0-NO
Certified organic farming	01	
In certification process	02	

If YES in code 01 and 02, question 35, please give the number of animals!

Species	Code	Number of heads
Cattle/Bovine animals	03	
Pigs	04	
Sheep and goats	05	
Poultry	06	
Beehives	07	
Other	08	

36. Grazing of animals on the farm during the reference period

36.1. Do the farm animals graze on holding's grassland?

1-YES; 0-NO

01

If YES, please specify:

	Code		
Grassland grazed by the animals (area of question 15 codes 55, 74 and 75 incl.) (area of question 15, code 76 - permanent grassland not used for production purposes subject to subsidies excl.)	02	ha	
Time during which animals were grazing on farm area	03	Number months	

36.2. Do the animals graze on common grassland?

1-YES; 0-NO

01

If YES, please specify:

Grazing farm animals grazing on common pastures	02	Number	
Time during which animals were grazing on common land	03	Number months	

100 sq.m. = 0.01
1000 sq.m. = 0.10 ha

1 dca = 0.10 ha
10 dca = 1.00 ha

Area data is recorded in hectares
to the second decimal after the decimal separator - 0.00

37. Is the crop production and/or animals on the farm insured during the reference period?

Please mark the answer with code 1-YES or 0-NO

01

Crop	Code	Area (ha)
Cereals	02	
Industrial crops	03	
Fodder and other field crops	04	
Fresh vegetables, potatoes, strawberries and flowers	05	
Orchards	06	
Vineyards	07	
Nurseries and other permanent crops	08	

Species	Code	Number
Cattle	09	
Equidae	10	
Sheep and goats	11	
Pigs	12	
Poultry	13	
Rabbits	14	
Bee hives	15	

38. Other gainful activities?

Please, tick the answer code 1-YES or 0-NO:	01	
<i>If YES, please tick code 1-YES or code 0-NO</i>		
Other activities directly related to the holding	Code	Answer code 1-YES or 0-NO
Provision of health, social or educational services	02	
Agricultural mechanized services (<i>plothing, sowing, digging, harvesting etc.</i>)	03	
Non-agricultural mechanized services (<i>snow-cleaning etc.</i>)	04	
Rural tourism (<i>hotel and restaurant services</i>)	05	
Craftsmanship (<i>pottery, weaving, cutlery etc.</i>)	06	
Processing of farm products (<i>processing of agricultural products produced on the farm, processing of grapes for wine excl.</i>)	07	
Forestry	08	
Wood processing	09	
Production of renewable energy for the market (<i>from wind, hydropower, biogas, etc.</i>)	10	
Production of fish and aqua-crops, <i>please specify</i>	11	
Other gainful activities, <i>please specify</i>	12	

39. Percentage of income from other gainful activities directly related to the holding (q.38), in the total turnover of the holding (direct payments incl., investments excl.)

Please tick the answer by filling in a code 1 to 4:		
Percentage of income from other gainful activities	Code	Answer code 1 to 4
No other gainful activities, directly related to the holding	1	
0% to 10%	2	
11% to 50%	3	
51% to 100%	4	

RATIO	=	$\frac{\text{Turnover of other gainful activities directly related to the holding}}{\text{(Total holding turnover (agricultural and OGA directly related to the holding) + direct payments)}}$
-------	---	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

40. Does the household consume more than 50% of the total value of the farm produce of the holding? (Only for the holdings of natural persons - codes 1 and 2 of question 5)

Please tick the answer by filling in a code 1 or 0:		
	Code	Answer code 1-YES or 0-NO
Household consumption > 50%	01	

Households are two or more people who live in a home or part of a home, have a common budget and eat together.

Household is also a person who lives in a separate dwelling, room or part of a dwelling and has an autonomous budget in terms of meal costs and the cost of meeting other needs.

The **use by the household** is meant to be consumed as food only. **Gifts to family and relatives** without remuneration should be **considered as household consumption**.

41. Does the direct sale to final consumers represent more than 50% of the total sales of the holding?

Please tick the answer by filling in a code 1 or 0:		
	Code	Answer code 1-YES or 0-NO
Direct sales >50%	01	

NOTE!

Direct sale to final consumer means the sale by the holding of self-produced agricultural products, processed or not, directly to consumers for their own consumption.

The rent distributed by cooperatives, the production sold through intermediaries (resellers) **are not direct sales**.

LABOUR FORCE IN THE HOLDINGS OF NATURAL PERSONS AND CIVIL ASSOCIATIONS

42. Holder, manager and family labour on a regular pay-roll in the holdings of natural persons (code 1 and 2 of question 5) and holder who is manager of civil associations (code 05 question 5)

Employed persons	Code	Relation to holder	Sex	Age group	Working time <i>man-days equivalent to a working day of 8 hours</i>	Importance of the work in the farm	Does the person has other gainful activities?	Relevance and type of other gainful activities	
		(Code from Tabl. 1)	M=1 F=2	(Code from Tabl.2)		(Code from Tabl. 3)	(Code 1-YES; 0-NO)	(Code from Tabl.5)	(Code from Tabl.6)
		01	02	03	04	05	06	07	08
Holder and manager of the holding	01	0							
Holder, not manager of the holding	02	0							
Manager, not holder of the farm	03								
Spouse to the holder, not manager of the holding (regardless of whether he/she works at the farm)	04	1							
Other family members of the holder's family, working on the holding	05	2							
	06	2							
	07	2							
	08	2							
	09	2							
	10	2							

Number of additional sheets for question 42

43. Non-family labour force employed on a regular pay-roll in the holdings of natural persons (code 1 and 2, question 5) and labour force of civil groups (code 5 of question 5)

Employed persons	Code	Sex	Age group	Working time <i>man-days equivalent to a working day of 8 hours</i>	Importance of the work in the farm	If according to question 38 the holding has another gainful activity, does the person participate in it?	Relevance of the other gainful activities in column 5
		M=1 F=2	(Code from Tabl.2)		(Code from Tabl.3)	(Code 1-YES; 0-NO)	(Code from Tabl.5)
		01	02	03	04	05	06
	01						
	02						
	03						
	04						
	05						
	06						
	07						
	08						
	09						
	10						
	11						
	12						
	13						
	14						
	15						

Number of additional sheets for question 43

LABOUR FORCE IN THE HOLDINGS OF LEGAL PERSONS

44. Permanent labour on a regular payroll in holdings of legal persons

Remarks:

Name / Function	Code	Sex	Age group	Time worked on the farm
		M=1 F=2	(Code from Tabl. 2)	<i>man-days equivalent to a working day of 8 hours</i>
		01	02	03
Manager	01			
	02			
	03			
	04			
	05			
	06			
	07			
	08			
	09			
	10			
	11			
	12			
	13			
	14			
	15			
	16			
	17			
	18			
	19			
	20			
	21			
	22			
	23			
	24			
	25			

Number of additional sheets for question 44

45. Part-time or seasonal workers in the holding in the crop year 2015/2016 r.

Work period	Code	Number of persons		Number working days, equivalent to a working day of 8 hours	Total number of working man-days (01+02)*03
		Male	Female		
		01	02		
	01				
	02				
	03				
	04				
	05				
	06				
	07				

Total number of man-days

46. Data collection method

Please tick the answer <u>1</u> to <u>8</u> :		Code	Answer code 1 to 8
Personal interview on the farm		1	
Personal interview in the regional office		2	
Personal interview in the Regional Agricultural Advisory Service		3	
Online questionnaire		4	
Telephone interview		5	
E-mail		6	
Post		7	
Other (please, specify):		8	

47. Which data collection method you prefer?

Моля, отбележете един отговор с код от <u>1</u> до <u>8</u> :		Code	Answer code 1 to 8
Personal interview on the farm		1	
Personal interview in the regional office		2	
Personal interview in the Regional Agricultural Advisory Service		3	
Online questionnaire		4	
Telephone interview		5	
E-mail		6	
Post		7	
Other (please, specify):		8	

48. Data collection duration?

Answer		The duration of the interview is recorded in minutes.
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Auxiliary tables questions 42 to 44

Table 1. Relation to holder		Table 2. Age group			Table 3. Working contribution and significance	
Relation	Code	Age group	Code	Born between	Occupation	Code
Holder	0	15 to 24 years of age	1	1992 - 2001	Sole occupation	1
Spouse	1	25 to 34 years of age	2	1982 - 1991	Major occupation	2
Family members (parents, children, siblings, other relatives and relatives by law)	2	35 to 39 years of age	3.1.	1977 - 1981	Subsidiary occupation	3
		40 to 44 years of age	3.2.	1972 - 1976	Unemployed with agricultural activity	4
		45 to 54 years of age	4	1962 - 1971	Retired with agricultural activity	5
		55 to 64 years of age	5	1952 - 1961	Does not work on the holding	9
65 to 74 years of age	6	1942 - 1951				
No relation to holder	9	75 and over	7	up to 01.01.1942		

Table 4. Time worked on the holding		
Time worked on the holding in % of the full time	Working time in hours	Equivalent of full time employment (8 hours per day)
1% to 24.9%	under 464 hours	up to 58 days
25% to 49.9%	from 464 to 927 hours	from 58 to 115 days
50% to 74.9%	from 928 to 1391 hours	from 116 to 173 days
75% to 99.9%	from 1392 to 1855 hours	from 174 to 231 days
100%	1856 hours and more	232 days and more

Table 5. Working contribution of the other activities of the persons	
Occupation	Code
Major occupation	2
Subsidiary occupation	3
No other activities	9

Table 6. Type of other activities of persons	
	Code
Activities within the holding (question 38)	1
Activities, not related to the holding	2
No other activities	9

At the end of 2016, the Ministry of Agriculture and Foods conducted a sample survey on the structure of agricultural holdings in Bulgaria, according to the European legislation. The purpose of this survey is to obtain relevant and reliable information on the changes that occur in the number, size and technical and economic orientation of the agricultural holdings. The list (sample) with holdings to be surveyed is compiled based on information from the Agricultural census in 2010, the product surveys on agricultural statistics and the registers under Decree № 3/1999 and IACS.

The statistical questionnaire for the farm structure survey in 2016 was prepared on the basis of Regulation (EC) No 1166/2008 of the European Parliament and of the Council, Commission Regulation (EC) No 1200/2009, Commission Regulation (EU) No 715 / 2014 and Commission Regulation (EU) No 2015/1391. The questions included in the questionnaire are based on the list of characteristics that EU member states should monitor when conducting their structural surveys in 2016.

The regional experts on agrostistics are responsible for the correct and accurate completion of the questionnaires by the interviewers and will assist them in the case of problems and difficulties on the spot.

The farm data is used for statistical purposes only, is not provided to tax and social authorities and has no legal value in court. Surveyors and experts are subject to administrative and criminal liability upon disclosure of individual farm information.

Notes:

Start of the interview hour minutes
End of the interview hour minutes

Auxilliory information for Question 48!