



Republic of Macedonia  
State Statistical Office

**Modul ZEM.P.2**

Law on Agricultural Census in the Republic of Macedonia,  
2007 ("Gazette" N.39/2006 i 113/2006)

**Confidential**

## AGRICULTURAL CENSUS, 2007

### AGRICULTURAL BUSINESS ENTITIES

Data gathered with this questionnaire represent individual data, protected by the Law on Agricultural Census in the Republic of Macedonia, 2007, and by the Law on State Statistics and will be used for statistical purpose only

#### 1. IDENTIFICATION DATA

Name of the business entity (full name) \_\_\_\_\_

*(if the questionnaire is filled in by the enterprises' local unit, it records the full name of the main business entity and its name)*

Unified identification number of the business entity \_\_\_\_\_

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Order number of the local unit \_\_\_\_\_

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#### 2. DATA ON THE HEADQUARTER

Municipality \_\_\_\_\_

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Settlement \_\_\_\_\_

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Street and house number \_\_\_\_\_

Settlement on the territory of which the production is performed \_\_\_\_\_

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Telephone \_\_\_\_\_

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Fax \_\_\_\_\_

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#### 3. OTHER DATA

Form of organization of the business entity \_\_\_\_\_

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Ownership of the business entity \_\_\_\_\_

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Main economic activity (according NKD Rev.1)

a) Of the business entity \_\_\_\_\_

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b) Of the local unit \_\_\_\_\_

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#### 4. USED AGRICULTURAL LAND BY THE BUSINESS ENTITY (31.05.2007)

	ha	m <sup>2</sup>
a) Owned land -----	<input type="text"/>	<input type="text"/>
b) rented from other -----	<input type="text"/>	<input type="text"/>
c) Given for use to other -----	<input type="text"/>	<input type="text"/>
<b>d) Total used agricultural land (a+b-c) -----</b>	<input type="text"/>	<input type="text"/>

#### 5. 5.TOTAL NUMBER ON SEPARATE PARTS O F USED LAND (refer to q.4 d) (31.05.2007)

Number

6 ARABLE LAND AND GARDENS (01.06.2006-31.05.2007) -----	<input type="text"/>	<input type="text"/>
7. ORCHARDS, TOTAL (31.05.2007) ----- (Q.18. 11v)	<input type="text"/>	<input type="text"/>
8. VINEYARDS, TOTAL (31.05.2007) ----- Q.19. 3v)	<input type="text"/>	<input type="text"/>
9. MEADOWS (31.05.2007) -----	<input type="text"/>	<input type="text"/>
10. PASTURES (31.05.2007) -----	<input type="text"/>	<input type="text"/>
11. NURSERIES, TOTAL (31.05.2007) -----	<input type="text"/>	<input type="text"/>
12. FOREST LAND (31.05.2007) -----	<input type="text"/>	<input type="text"/>
13. OTHER LAND (31.05.2007) -----	<input type="text"/>	<input type="text"/>
14. TOTAL AVAILABLE LAND OF THE BUSINESS ENTITY (31.05.2007) ----- (14=4.4+12+13))	<input type="text"/>	<input type="text"/>

#### 15. AREA OF USED ARABLE LAND, GARDENS AND KITCHEN GARDENS (01.06.2006-31.05.2007)

	ha	m <sup>2</sup>		ha	m <sup>2</sup>
1 Wheat -----	<input type="text"/>	<input type="text"/>	14 Clover -----	<input type="text"/>	<input type="text"/>
2 Maize -----	<input type="text"/>	<input type="text"/>	15 Forage maize -----	<input type="text"/>	<input type="text"/>
3 Barley -----	<input type="text"/>	<input type="text"/>	16 Forage mixtures -----	<input type="text"/>	<input type="text"/>
4 Rice -----	<input type="text"/>	<input type="text"/>	17 Other forage crops -----	<input type="text"/>	<input type="text"/>
5 Other cereals -----	<input type="text"/>	<input type="text"/>	18 Aromatic, medical plants -----	<input type="text"/>	<input type="text"/>
6 Soya -----	<input type="text"/>	<input type="text"/>	19 Total vegetable -----	<input type="text"/>	<input type="text"/>
7 Sunflower -----	<input type="text"/>	<input type="text"/>	20 Flower and decorative plants ---	<input type="text"/>	<input type="text"/>
8 Rape -----	<input type="text"/>	<input type="text"/>	21 Seeds and seedings -----	<input type="text"/>	<input type="text"/>
9 Tobacco -----	<input type="text"/>	<input type="text"/>	22 Fallow land and other uncultivated arable land and gardens -----	<input type="text"/>	<input type="text"/>
10 Sugar beet -----	<input type="text"/>	<input type="text"/>	<b>23 Used arable land and gardens (1-22) -----</b>	<input type="text"/>	<input type="text"/>
11 Other industrial crops -----	<input type="text"/>	<input type="text"/>	(=q.6)		
12 Forage beet -----	<input type="text"/>	<input type="text"/>			
13 Alfalfa -----	<input type="text"/>	<input type="text"/>			

**16. VEGETABLE, FLOWERS AND DECORATIVE PLANTS (01.06.2006-31.05.2007)**

	Total		On open		Under protection area	
	ha	m <sup>2</sup>	ha	m <sup>2</sup>	ha	m <sup>2</sup>
	a		a		b	
1 Tomatoes -----						
2 Peppers -----						
3 Cucumbers -----						
4 Beans -----						
5 Potatoe -----						
6 Onion -----						
7 Garlic -----						
8 Carrot -----						
9 Cabbage -----						
10 Watermelons -----						
11 Melons -----						
12 Straw berries-----						
13 Other vegetable -----						
<b>14 Vegetable, total (1-13) -----</b> (=q.15, row 19)						
15 Flowers and decorative plants (w ithout nurseries) - (=q.15, row 20)						

**17. INTERFIELD CROPS, COMBINED AND SUCCESSIVE SECONDARY CROPS (01.06.2006-31.05.2007)**

	ha	m <sup>2</sup>
1 Beans -----		
2 Potatoes -----		
3 Alfalfa -----		
4 Clover -----		
5 Maize -----		
6 Cabbage -----		
7 Other crops -----		

**18. ORCHARDS (31.05.2007)**

	Number of fruit trees		From that plantation		Total area		From that plantation	
	total	fruit bearing	total	fruit bearing	ha	m <sup>2</sup>	ha	m <sup>2</sup>
	1	2	3	4	5		6	
1 Apples -----								
2 Pears -----								
3 Plums -----								
4 Sour cherries ----								
5 Cherries -----								
6 Peaches -----								
7 Apricots -----								
8 Walnuts -----								
9 Almonds -----								
10 Other orchards plantation -----								
<b>11 Total orchards plantation (1-10)</b>								
					equal to q. 7			

### 19. VINEYARDS (31.05.2007)

	Number of grape-vines		From that plantation		Total area		From that plantation	
	total	fruit bearing		fruit bearing	ha	m <sup>2</sup>	ha	m <sup>2</sup>
	1	2		4	5		6	
1 Vineyards vine sorts	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2 Vineyards table sorts	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3 Total vineyards	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	equal to q. 8		<input type="text"/>	<input type="text"/>

### 20. LIVESTOCK BY TYPES AND CATEGORIES

	Number		Number
<b>1 Horses, total</b> -----	<input type="text"/>	<b>20 Goats, total (17-19)</b> -----	<input type="text"/>
<i>Horses to 1 year</i>			
2 Male -----	<input type="text"/>	21 Piglets under 20 kg -----	<input type="text"/>
3 Female -----	<input type="text"/>	22 Pigs from 21 to 50 kg -----	<input type="text"/>
<i>Cattle from 1 to 2 years</i>		23 Pigs from 51 to 80 kg -----	<input type="text"/>
4 Male -----	<input type="text"/>	24 Pigs from 81 to 110 kg -----	<input type="text"/>
5 Fattening female heads -----	<input type="text"/>	25 Pigs over 110 kg -----	<input type="text"/>
6 Breeding female heads -----	<input type="text"/>	26 Gilts -----	<input type="text"/>
<i>Cattle over 2 years</i>		27 Farrow gilts -----	<input type="text"/>
7 Male (bulls, oxen) -----	<input type="text"/>	28 Sows -----	<input type="text"/>
8 Heifers -----	<input type="text"/>	29 Boars -----	<input type="text"/>
9 Heifers in calf -----	<input type="text"/>	<b>30 Pigs, total (21-29)</b> -----	<input type="text"/>
10 Dairy cows -----	<input type="text"/>	<b>31 Hares, total,</b> -----	<input type="text"/>
11 Other cows -----	<input type="text"/>	32 Broilers -----	<input type="text"/>
<b>12 Cattle, total (2-11)</b> -----	<input type="text"/>	33 Egg-laying hens -----	<input type="text"/>
13 Lambs and yearlings -----	<input type="text"/>	34 Geese -----	<input type="text"/>
14 Sheep, breeding female heads -----	<input type="text"/>	35 Turkeys -----	<input type="text"/>
15 Rams and other sheep -----	<input type="text"/>	36 Other poultry -----	<input type="text"/>
<b>16 Sheep, total (13-15)</b> -----	<input type="text"/>	<b>37 Poultry, total (32-36)</b> -----	<input type="text"/>
17 Kiddy -----	<input type="text"/>	<b>38 Beehives, total</b> -----	<input type="text"/>
18 Goats, breeding female -----	<input type="text"/>		
19 Hegoats and other goats -----	<input type="text"/>		

### 21. FACILITIES FOR LIVESTOCK AND POULTRY (31.05.2007)

	Total number	Of which with age to 20 years	Area m <sup>2</sup>	Capacity m <sup>3</sup>
1 Facilities for bovine animals and equines -----	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2 Facilities for pigs, sheep and goats -----	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3 Poultry houses -----	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
4 Facilities for other animals -----	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
5 Breeding houses registered in the system for identification and registration			Number of the breeding house/ facility in the system for identification and registration	
a) breeding house I -----			<input type="text"/>	<input type="text"/>
a) breeding house II -----			<input type="text"/>	<input type="text"/>
a) breeding house III -----			<input type="text"/>	<input type="text"/>
a) breeding house IV -----			<input type="text"/>	<input type="text"/>
a) breeding house V -----			<input type="text"/>	<input type="text"/>

## 22. FACILITIES FOR ORGANIC FERTILIZER (31.05.2007)

	Total number	Of w hich w ith age to 20 years	Area m <sup>2</sup>	Capacity m <sup>3</sup>
1 Solid dung .....	<input type="text"/>	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
2 Liquid manure .....	<input type="text"/>	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

## 23. OTHER FACILITIES ON THE HOLDING (31.05.2007)

	Total number	Of w hich w ith age to 20 years	Area m <sup>2</sup>	Capacity m <sup>3</sup>
1 Facilities for agricultural products .....	<input type="text"/>	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
2 Facilities for other products .....	<input type="text"/>	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
3 Facilities for agricultural machines and equipment .....	<input type="text"/>	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
4 Fishpond .....	<input type="text"/>	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
5 Facilities for production of mushrooms .....	<input type="text"/>	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
6 Glasshouses .....	<input type="text"/>	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
7 Plasticouses .....	<input type="text"/>	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

## 24. AREA TREATED WITH FERTILIZERS (01.06.2006-31.05.2007)

	ha	m <sup>2</sup>
1 Area treated w ith mineral fertilizers .....	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
2 Area treated w ith organic fertilizers .....	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

## 25. PLANT PROTECTION (01.06.2006-31.05.2007)

	ha	m <sup>2</sup>
1 Area treated w ith pesticides .....	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
<i>Of which:</i>		
2 Area treated w ith herbicides .....	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
3 Area treated w ith insecticides .....	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
4 Area treated w ith fungicides .....	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
5 Area treated w ith rodenticides .....	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

## 26. MECHANIZATION AND EQUIPMENT OF THE HOLDING

1kS = 0.735kW	Ow ned (number)	From ow ned with age		From others (number)
	31.05.2007	to 10 years	11-20 years	01.06.2006-31.05.2007
1 Cultivators -----	<input type="text"/>	----- <input type="text"/>	----- <input type="text"/>	<input type="text"/>
2 Four-w heel -----	<input type="text"/>	----- <input type="text"/>	----- <input type="text"/>	<input type="text"/>
Of which:				
a) To 40 kW -----	<input type="text"/>	----- <input type="text"/>	----- <input type="text"/>	<input type="text"/>
b) from 41 to 60 kW -----	<input type="text"/>	----- <input type="text"/>	----- <input type="text"/>	<input type="text"/>
c) from 61 to 80 kW -----	<input type="text"/>	----- <input type="text"/>	----- <input type="text"/>	<input type="text"/>
d) from 81 to 100 kW -----	<input type="text"/>	----- <input type="text"/>	----- <input type="text"/>	<input type="text"/>
e) over 101 kW -----	<input type="text"/>	----- <input type="text"/>	----- <input type="text"/>	<input type="text"/>
3 Combine for cereals -----	<input type="text"/>	----- <input type="text"/>	----- <input type="text"/>	<input type="text"/>
4 Machines for collecting agricultural products -----	<input type="text"/>	-----	-----	<input type="text"/>
5 Machines for sow ing, planting and transplanting -----	<input type="text"/>	-----	-----	<input type="text"/>
6 Other machines -----	<input type="text"/>	-----	-----	<input type="text"/>
7 Equipment for irrigation -----	<input type="text"/>	-----	-----	<input type="text"/>
8 Milking equipment -----	<input type="text"/>	-----	-----	<input type="text"/>
9 Grape presses -----	<input type="text"/>	-----	-----	<input type="text"/>
10 Other equipment -----	<input type="text"/>	-----	-----	<input type="text"/>
11 Vehicles - -----	<input type="text"/>	----- <input type="text"/>	----- <input type="text"/>	<input type="text"/>
12 Tractor trailers -----	<input type="text"/>	-----	-----	<input type="text"/>

## 27. AGRICULTURAL SERVICE (01.06.2006-31.05.2007)

	Services from other (x)	Given service to other (x)
1 Services for crop production -----	<input type="text"/>	<input type="text"/>
2 Services for cattle production -----	<input type="text"/>	<input type="text"/>

## 28. PROCESSING ON AGRICULTURAL PRODUCTS (01.06.2006-31.05.2007)

	Yes	No
1 Processing on animal products -----	<input type="text"/>	<input type="text"/>
2 Processig on crop products -----	<input type="text"/>	<input type="text"/>

## 29. IRRIGATED AREA (01.06.2006-31.05.2007)

	ha	m²
1 Irrigated area total	<input type="text"/>	<input type="text"/>
Of w hich:		
a) Cereals -----	<input type="text"/>	<input type="text"/>
b) Industrial crops -----	<input type="text"/>	<input type="text"/>
c) Vegetable -----	<input type="text"/>	<input type="text"/>
d) Fodder crops -----	<input type="text"/>	<input type="text"/>
e) Orchards -----	<input type="text"/>	<input type="text"/>
f) Vineyards -----	<input type="text"/>	<input type="text"/>
g) Meadow s -----	<input type="text"/>	<input type="text"/>
h) Others -----	<input type="text"/>	<input type="text"/>

### 30. THE MOST COMMON MANNER FOR IRRIGATION (01.06.2006-31.05.2007)

- 1 On the surface ..... ☐ (h)
- 2 Irrigating ..... ☐
- 3 System drop by drop ..... ☐

### 31. THE MOST COMMON WATER SOURCES FOR IRRIGATION (01.06.2006-31.05.2007)

- 1 Undersurface water ..... ☐ (h)
- 2 Surface water ..... ☐
- from rivers ..... ☐
- from natural or artificial accumulations ..... ☐

### 32. EMPLOYEES BY EDUCATION, AGE AND GENDER (01.06.2006-31.05.2007)

Education skills	Total	age and gender											
		< 25		25-34		35-44		45-54		55-64		65 and more	
		total	women	total	women	total	women	total	women	total	women	total	women
1 Total													
2 Without education													
3 Incomplete primary and lower secondary education													
4 Primary and lower secondary education													
5 3 years of secondary agricultural education													
6 3 year other secondary education													
7 4 year of secondary agricultural education													
8 4 year of other secondary education													
9 Higher or University level education in Agriculture													
10 Other higher or University level education													
11 Master's degree, Doctor's degree in Agriculture													
12 Master's degree, Doctor's degree (other)													

### 33. EMPLOYEES ACCORDING WITH WORKING HOURS (01.06.2006-31.05.2007)

		Employees on indefinite period of time		Employees on definite period of time		Seasonally engaged persons	
		Number of persons	Number of working hours	Number of persons	Number of working hours	Number of persons	Number of working hours
1	Men						
2	Women						
3	Total (1+2)						

### 45. ENERGY CONSUMPTION (01.06.2006-31.05.2007)

	(x)	Quantity
1 Coal.....	<input type="checkbox"/>	<input type="text"/>
2 Heavy fuel oils .....	<input type="checkbox"/>	<input type="text"/>
3 Other liquid fuels, tons .....	<input type="checkbox"/>	<input type="text"/>
4 Geothermal heat .....	<input type="checkbox"/>	<input type="text"/>
5 Firewood, wood waste and other plant waste .....	<input type="checkbox"/>	<input type="text"/>
6 Other waste (other than plant waste) .....	<input type="checkbox"/>	<input type="text"/>
7 Electricity, kWh .....	<input type="checkbox"/>	<input type="text"/>
8 Other, non-mentioned, tons .....	<input type="checkbox"/>	<input type="text"/>

(more answers are possible)

35. DO YOU HAVE A STEAM BOILER ..... ☐ Yes ☐ No

Place and date .....

(M.P.)

Manager

Name and surname of the person who filled the questionnaire in