



## ECONOMIC ACCOUNTS FOR AGRICULTURE FOR 2019 (FIRST ESTIMATION)

According to the first estimate of Economic Accounts for Agriculture the final output at basic prices<sup>1</sup> of the agricultural industry in 2019 amounted to 8 318.0 million BGN, which was by 1.7% lower than in previous year. The decrease was mainly due to drop in the volumes - by 1.9%.

The value of crop output amounted to 5 708.7 million BGN which was 1.1% below than in 2018. The decrease was in result of drop in the volumes by 0.8% and drop in the prices by 0.3%. The animal output was estimated at 1 917.8 million BGN and that was also below than in 2018 - by 3.6%. The decrease was due to the drop in volumes - by 5.6%.

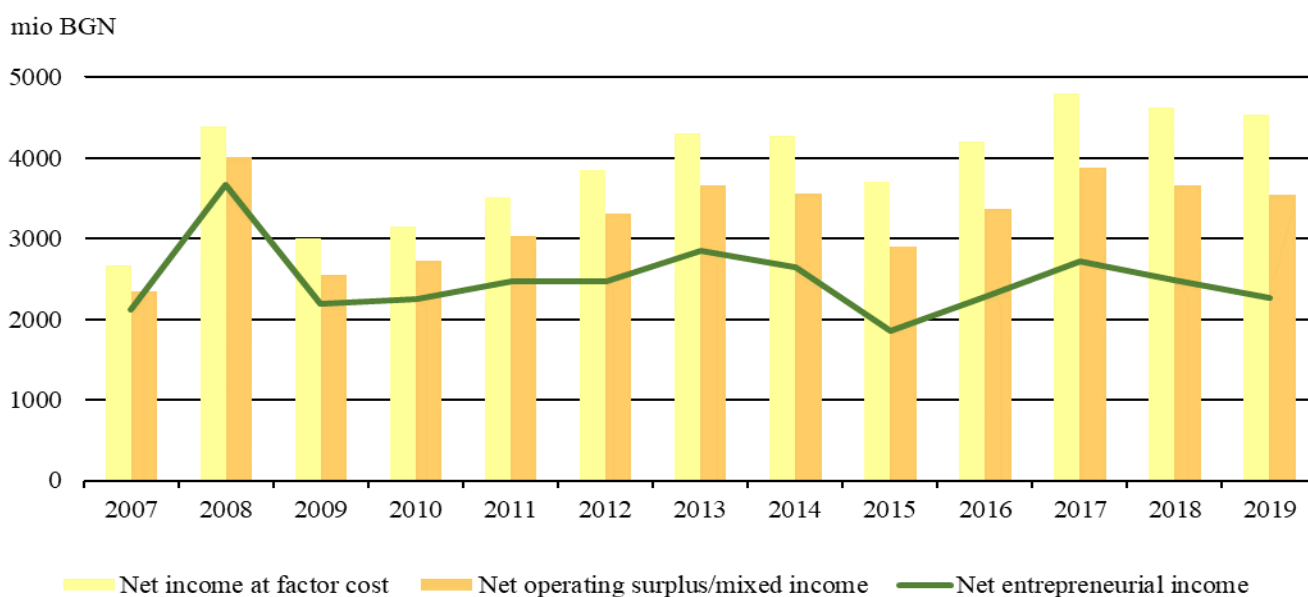
The value of means of production currently consumed in agriculture in 2019 amounted to 4 577.4 million BGN, which was by 4.5% lower than the previous year and it was due to the drop in the volumes by 6.2%.

Gross value added at basic prices produced in agriculture in 2019 was estimated at 3 740.6 million BGN and was by 2.1% higher than in 2018. The growth was as result of increase in the volumes - by 3.8%, which compensated the fall in the prices - by 1.6%, and increase in the volumes.

The value index<sup>2</sup> of income at factor cost decreased by 1.9% and net operating surplus/mixed income - by 3.2%, which was due to the decrease of volume in output and received subsidies in agriculture compare to 2018.

In comparison to 2018 the value index of net entrepreneurial income in agriculture in 2019 was dropped by 8.8%.

**Fig.1 Development of the income indicators in agriculture during the period 2007 -2019**



<sup>1</sup> Basic prices include subsidies on products but do not include taxes on products.

<sup>2</sup> Value index of the income in agriculture is calculated as the nominal value of 2019 is divided on nominal value of 2018.



## METHODOLOGICAL NOTES

**The Economic accounts** for Agriculture are satellite accounts in the framework of the National Accounts providing complementary information and concepts adapted to the particular nature of the agricultural industry. They are elaborated according to the Regulation (EC) 138/2004 and adopted by Eurostat methodology presented in the Manual on the Economic Accounts for Agriculture and Forestry, 1997 (Rev. 1.1). The following accounts build up the architecture of the accounts: there are three current accounts - Production account, Generation of income account, Entrepreneurial income account and one for accumulation account - Capital account so that the sequence and exhaustiveness are provided for according to the European System of Accounts (ESA).

### Main indicators

The main purpose of the elaboration of the economic accounts is the calculation of the entrepreneurial income for the agricultural 'industry'. The calculation of the income is realized in the frame of the mentioned three current accounts, where next methodological links were followed:

	Crop output
+	Livestock output
+	Agricultural services
+	Non-agricultural secondary activities (inseparable)
=	Output of the agricultural 'industry'
-	Intermediate consumption
=	Gross value added at basic prices
-	Fixed capital consumption
=	Net value added at basic prices
-	Compensation of employees
-	Other taxes on production
+	Other subsidies on production
=	Net operating surplus/Mixed income
-	Rents paid
-	Interest paid
+	Interest received
=	Net entrepreneurial income

**Output of the agricultural 'industry'** represents all of the services and products produced by all units with agricultural activity. Data refer to the final output, which does not include goods and services produced and consumed by the same unit for the same period.

According to the requirements of the Appendix XI of the EAA '97, Rev. 1.1 the economic accounts for agriculture do not include:



- Output of units engaged in production of seeds upstream and downstream of multiplication for research or certification and propagation material for crops and livestock
- Output of the certain activities which are considered as agricultural services - operation or irrigation systems, design, planting and maintenance of gardens, parks and green areas for sports facilities and like tree pruning and hedge trimming
- Output of the form of agricultural work-in-progress for crops whose production is treated as a continuous process for the accounting period or for two calendar years
- Non-agricultural output of agricultural units when the activities are separable

**The Net income at factor cost** (calculated as net value added at basic prices less other taxes on production plus other subsidies on production) measures the remuneration of all factors of production (land, capital, labour).

The **net operating surplus/net mixed income** (calculated after deduction of compensation of employees and other taxes on production and adding other subsidies on production from the net value added at basic prices) measures the income of the use of land, capital and non-salaried labour input.

The **net entrepreneurial income** (calculated after adding to the net operating surplus/net mixed income the interests, received by agricultural holdings, operating as companies and deducting the interests and rents, paid by them) measures the compensation of non-salaried labour, the remuneration from land, belonging of agricultural holdings and the income from the use of capital.

Data on the economic accounts for agriculture are elaborated for the calendar year at current and at constant prices based on previous year. Data are elaborated at regional NUTS2 level.

### Sources of information

The main sources of information are the statistical surveys conducted by the NSI and surveys, carried out by the Agrostatistics Division at the Ministry of Agriculture, Food and Forestry, as well. There are used data of State fund 'Agriculture' (Paying agency) about financial support in agriculture.



Annex

Table 1

Final output at basic prices - first estimation for 2019

	Value for 2019 in Million BGN	Volume index	Price index	Value index 2018 = 100
<b>Output of the agricultural 'industry'</b>	<b>8318.0</b>	<b>98.1</b>	<b>100.2</b>	<b>98.3</b>
<b>Agricultural output</b>	<b>8118.7</b>	<b>98.0</b>	<b>100.2</b>	<b>98.2</b>
<b>Crop output</b>	<b>5708.7</b>	<b>99.2</b>	<b>99.7</b>	<b>98.9</b>
Cereal crops	2843.9	101.8	98.9	100.7
Industrial crops	1760.7	100.5	95.8	96.3
Fodder crops	198.5	98.2	114.3	112.2
Vegetables	416.8	91.4	108.6	99.3
Potatoes	73.1	59.5	120.8	71.9
Fruit	386.3	93.6	107.5	100.6
Other crop products	29.4	87.7	87.5	76.7
<b>Livestock output</b>	<b>1917.8</b>	<b>94.4</b>	<b>102.1</b>	<b>96.4</b>
Livestock	1025.7	91.1	102.2	93.1
Livestock products	892.1	98.6	102.0	100.6
<b>Agricultural services output</b>	<b>492.2</b>	<b>99.5</b>	<b>98.6</b>	<b>98.1</b>
<b>Non-agricultural secondary activities (inseparable)</b>	<b>199.3</b>	<b>101.3</b>	<b>102.0</b>	<b>103.3</b>
<b>Total intermediate consumption</b>	<b>4577.4</b>	<b>93.8</b>	<b>101.8</b>	<b>95.5</b>
Seeds and planting stock	178.3	96.8	101.9	98.6
Energy and lubricants	1106.8	94.0	99.2	93.2
Fertilisers and soil improvers	429.5	89.4	106.7	95.4
Plant protection products and pesticides	298.3	88.4	99.6	88.0
Veterinary expenses	234.3	89.4	105.1	94.0
Animal feeding stuffs	967.5	95.2	102.2	97.3
Maintenance of materials	296.2	90.7	100.9	91.5
Maintenance of buildings	145.2	89.4	102.4	91.5
Agricultural services	492.2	95.6	102.6	98.1
FISIM	83.1	97.5	102.6	100.0
Other goods and services	346.0	103.1	102.6	105.8
<b>Gross value added at basic prices</b>	<b>3740.6</b>	<b>103.8</b>	<b>98.4</b>	<b>102.1</b>
Fixed capital consumption	998.7	105.3	105.7	111.3
<b>Net value added at basic prices</b>	<b>2741.9</b>	<b>103.3</b>	<b>95.9</b>	<b>99.1</b>
<b>Income at factor cost</b>	<b>4529.0</b>	<b>x</b>	<b>x</b>	<b>98.1</b>
<b>Net operating surplus</b>	<b>3543.0</b>	<b>x</b>	<b>x</b>	<b>96.8</b>
<b>Net entrepreneurial income</b>	<b>2259.9</b>	<b>x</b>	<b>x</b>	<b>91.2</b>