

ECONOMIC ACCOUNTS FOR AGRICULTURE FOR 2020 (FINAL DATA)

1. PRODUCTION ACCOUNT

1.1. Output

The value of the final output produced in agriculture for 2020 (at current prices) amounted to 7 866.1 million BGN, which was 4.5% less than the previous year. The decrease was mainly due to the decrease in volumes of production - by 11.0%, despite the increase of prices - by 7.3%.

The value of crop output was equal to 5 238.0 million BGN and represented 66.6% of the total value of agricultural output. The majority share of crop output (81.6%) in 2020 was from cereals and industrial crops, whose values were calculated at 2 608.5 million BGN and 1 667.0 million BGN, respectively.

Compared to 2019, the value of the crop output is lower by 7.0%, as a result of a decrease in volumes - by 16.0%, partially compensated by the price increase - by 10.6%. The decrease in the volumes of crop output is mainly due to the decrease in the production of cereals and industrial crops, as a result of lower yields, caused by the prolonged drought.

The value of the livestock output produced in 2020 amounted to 1 962.0 million BGN or 24.9% of the final output in agriculture. Compared to 2019, livestock output increased by 2.7%, which was due to both increase in volumes - by c 2.0% and prices - by 0.7%.

The value of the output of breeding of animals was 988.2 million BGN (50.4% of the output in livestock), while the value of the produced animal products was equal to 973.8 million BGN (49.6%). Compared to 2019, the value of breeding animals increased by 2.6%, which was due to both increase in volumes - by c 1.0% and prices - by 1.6%. Compared to the previous year, the value of produced animal products increased by 2.8%, which was a result of an increase in volumes - by 3.0%, while the prices decreased by 0.2%.

Comparing with 2019, the value of agricultural services output decreased by 6.1%, while the value of output from secondary non-agricultural activities (inseparable) increased by 2.6%. The increase in output from secondary non-agricultural activities is a result of an increase in prices - by 4.6%.

1.2. Intermediate consumption

The value of the goods and services currently consumed in agriculture in 2020 amounted to 4 446.6 million BGN, which was 6.9% lower than the previous year. The decrease was due to the drop both in volumes - by 5.1%, and in prices - by 1.9%.

Compared to 2019, the only increase in goods and services currently consumed in agriculture was recorded in seeds and planting stock - by 5.7% and in the maintenance of materials - by 2.8%. Compared to the previous year the biggest recorded decrease in goods and services currently consumed in agriculture, was in the costs of farms for fuels and motor oils - by 14.6% due to a decrease, both in volumes - by 3.7% and prices - by 11.3%.

1.3. Gross value added

The gross value added produced in 2020 in agriculture (at basic prices) was equal to 3 419.5 million BGN and was 1.1% less than the previous year, as the significant decrease in volumes - by 19.1% was almost compensated by the increase in prices - by 22.3%.

2. GENERATION OF INCOME ACCOUNT

The net operating surplus/mixed-income in agriculture in 2020 was approximately at the level of the previous year - 3 661.1 million BGN. Compared to 2019 the decrease is 0.2% - the same as the registered decrease in net value added.

3. ENTREPRENEURIAL INCOME ACCOUNT

The net entrepreneurial income in agriculture in 2020 amounted to 2 405.7 million BGN and decreased by 2.1% compared to the previous year. The decrease is mainly due to the increase of the rents - by 4.0%, and the higher value of the interest paid by agricultural holdings - by 7.4%.

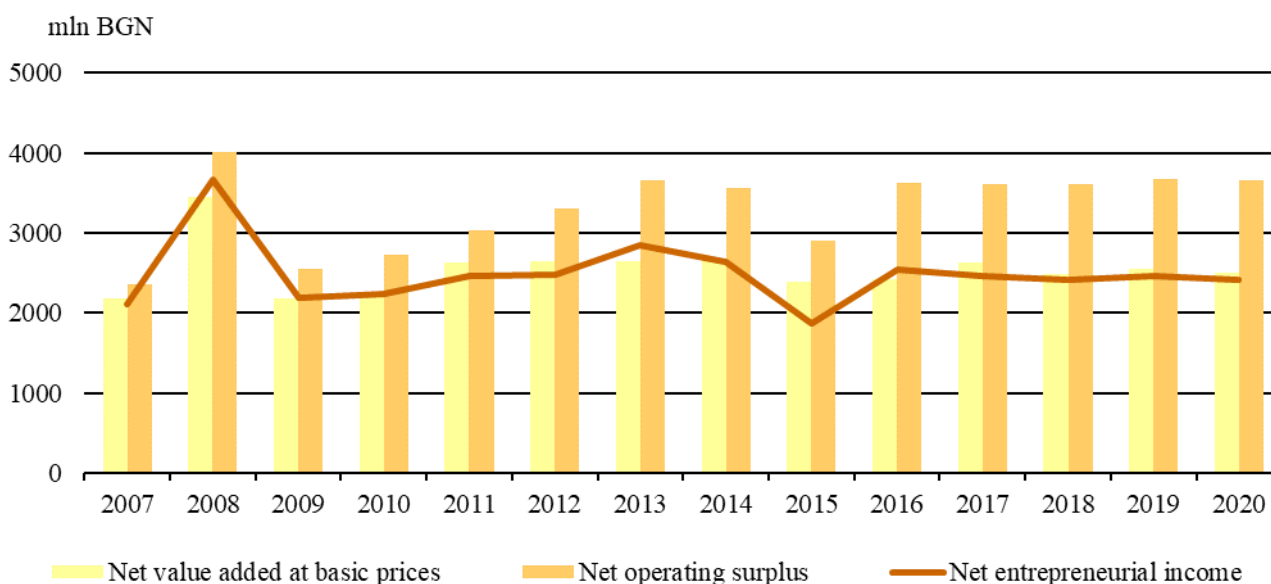
4. CAPITAL ACCOUNT

Gross fixed capital formation in agriculture in 2020 was equal to 777.1 million BGN and was 2.6% higher than the previous year.

The bigger part of it - 630.6 million BGN (81.1%) represented gross fixed capital formation in non-agricultural products, of which in agricultural machinery, equipment and vehicles - 463.9 million BGN (59.7%), and in buildings - 165.8 million BGN (21.3%).

Gross fixed capital formation in agricultural products (permanent crops and productive animals) amounted to 146.5 million BGN.

Figure 1. Variation of agricultural income indicators during the period 2007 - 2020



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 the 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

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

- Output of units engaged in the production of seeds upstream and downstream of multiplication for research or certification and propagation material for crops and livestock

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- 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 the previous year. Data are elaborated at a 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 Department 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 - final data for 2020

	Value for 2020 in million BGN	Volume index	Price index	Value index 2019 = 100
Output of the 'agricultural industry'	7866.1	89.0	107.3	95.5
Agricultural output	7662.0	88.8	107.4	95.3
Crop output	5238.0	84.0	110.6	93.0
Cereal crops	2608.5	81.0	109.8	88.9
Industrial crops	1667.0	87.1	114.2	99.5
Fodder crops	131.2	80.3	114.1	91.6
Vegetables	373.8	83.6	104.9	87.7
Potatoes	73.1	99.1	85.8	85.0
Fruit	343.5	90.8	113.4	103.0
Other crop products	40.9	111.9	103.3	115.5
Livestock output	1962.0	102.0	100.7	102.7
Livestock	988.2	101.0	101.6	102.6
Livestock products	973.8	103.0	99.8	102.8
Agricultural services output	462.0	91.6	102.5	93.9
Non-agricultural secondary activities (inseparable)	204.1	98.1	104.6	102.6
Total intermediate consumption	4446.6	94.9	98.1	93.1
Seeds and planting stock	216.5	104.0	101.7	105.7
Energy and lubricants	907.5	96.3	88.7	85.4
Fertilisers and soil improvers	455.0	103.4	93.7	96.9
Plant protection products and pesticides	319.7	97.0	98.8	95.8
Veterinary expenses	251.7	93.5	103.4	96.7
Animal feeding stuffs	918.4	89.3	102.5	91.5
Maintenance of materials	338.1	100.6	102.1	102.8
Maintenance of buildings	146.0	89.2	101.5	90.5
Agricultural services	462.0	91.6	102.5	93.9
FISIM	74.4	90.4	102.5	92.7
Other goods and services	357.3	91.7	102.5	94.0
Gross value added at basic prices	3419.5	80.9	122.3	98.9
Fixed capital consumption	922.6	100.7	100.7	101.3
Net value added at basic prices	2496.9	73.8	132.8	98.0
Net income at factor cost	4772.6	-	-	100.8
Net operating surplus	3661.1	-	-	99.8
Net entrepreneurial income	2405.7	-	-	97.9