

ECONOMIC ACCOUNTS FOR AGRICULTURE FOR 2020 (FIRST ESTIMATE)

According to the first estimate of Economic Accounts for Agriculture the final output at basic prices¹ in 2020 amounted to 7754.0 million BGN, which was by 8.3% lower than in previous year. The decrease was due to the drop in the volumes - by 12.0%.

The value of crop output amounted to 5076.1 million BGN which was 11.8% below than in 2019. The decrease was as a result of drop in the volumes by 16.6% which could not be compensated with the rise in the prices - by 5.8%. The significant decrease in the volumes of crop output is due mainly to the decrease in volumes of cereals - by 21.2%, caused by the lower yields due to the negative impact of prolonged drought.

The animal output was estimated at 2030.1 million BGN and it was almost at the same level as in 2019 with a small increase - by 0.7% as result of an increase of volumes - by 0.1% and rise in prices - by 0.6%.

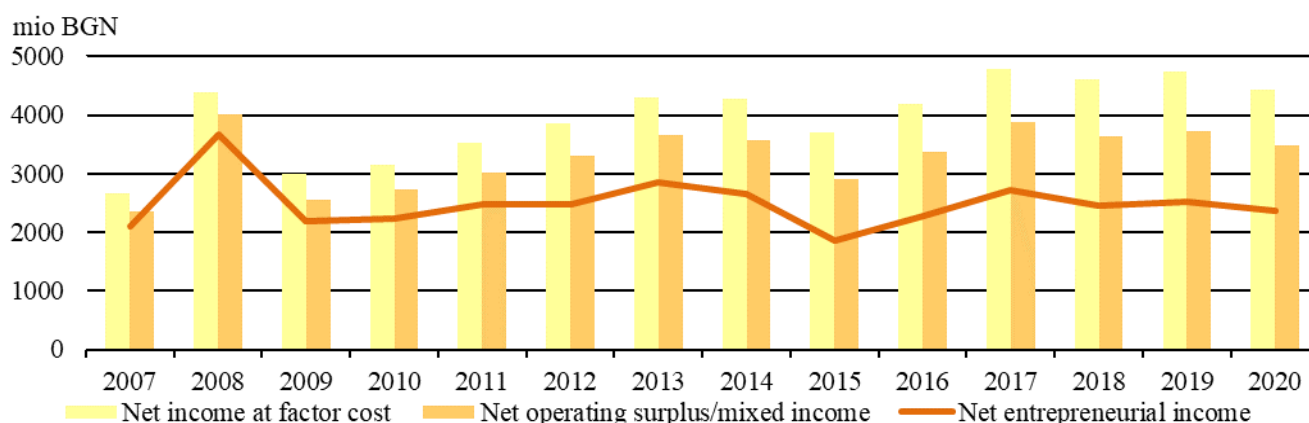
The value of means of production currently consumed in agriculture in 2020 amounted to 4501.2 million BGN, which was by 5.8% lower than the previous year. The decrease was due to the drop in the volumes by 3.7% and drop in the prices - by 2.2%.

Gross value added at basic prices produced in agriculture in 2020 was estimated at 3252.8 million BGN and was by 11.5% lower than in 2019. That was due to fall in the volumes - by 22.8%, which was partially compensated with the rise in the prices - by 14.6%.

The value index² of income at factor cost decreased by 6.3% and net operating surplus - by 6.4%, which was due to the decrease of volume in output compare to 2019.

The value index of net entrepreneurial income in agriculture in 2019 was dropped by 6.3% in comparison to 2019.

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



¹ Basic prices include subsidies on products but do not include taxes on products.

² Value index of the income in agriculture is calculated as the nominal value of 2020 is divided on nominal value of 2019.

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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 of the European Parliament and of the Council 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

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- 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 Agrostistics 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

Final output at basic prices - first estimation for 2020

Table 1

| | Value for 2020 in Million BGN | Volume index | Price index | Value index 2019 = 100 |
|------------------------------------------------------------|----------------------------------------|-----------------|----------------|------------------------------|
| Output of the agricultural 'industry' | 7754.0 | 88.0 | 104.2 | 91.7 |
| Agricultural output | 7551.7 | 87.8 | 104.2 | 91.5 |
| Crop output | 5076.1 | 83.4 | 105.8 | 88.2 |
| Cereal crops | 2451.6 | 78.8 | 106.0 | 83.5 |
| Industrial crops | 1588.3 | 85.5 | 105.6 | 90.3 |
| Fodder crops | 156.8 | 100.1 | 109.3 | 109.4 |
| Vegetables | 383.1 | 83.2 | 108.0 | 89.9 |
| Potatoes | 66.8 | 84.0 | 90.8 | 76.3 |
| Fruit | 399.9 | 101.7 | 108.9 | 110.8 |
| Other crop products | 29.6 | 110.7 | 73.4 | 81.3 |
| Livestock output | 2030.1 | 100.1 | 100.6 | 100.7 |
| Livestock | 1138.5 | 100.1 | 102.2 | 102.3 |
| Livestock products | 891.6 | 100.2 | 98.8 | 99.0 |
| Agricultural services output | 445.5 | 88.5 | 102.3 | 90.5 |
| Non-agricultural secondary activities (inseparable) | 202.3 | 97.1 | 104.8 | 101.8 |
| Total intermediate consumption | 4501.2 | 96.3 | 97.8 | 94.2 |
| Seeds and planting stock | 191.3 | 96.2 | 97.1 | 93.4 |
| Energy and lubricants | 964.6 | 102.7 | 88.4 | 90.8 |
| Fertilisers and soil improvers | 423.1 | 95.1 | 94.8 | 90.2 |
| Plant protection products and pesticides | 304.9 | 92.4 | 98.9 | 91.4 |
| Veterinary expenses | 267.0 | 99.5 | 103.1 | 102.6 |
| Animal feeding stuffs | 984.6 | 96.0 | 102.2 | 98.1 |
| Maintenance of materials | 337.5 | 100.6 | 102.0 | 102.6 |
| Maintenance of buildings | 165.5 | 101.2 | 101.4 | 102.6 |
| Agricultural services | 445.5 | 88.5 | 102.3 | 90.5 |
| FISIM | 78.0 | 94.9 | 102.4 | 97.2 |
| Other goods and services | 339.2 | 87.2 | 102.3 | 89.2 |
| Gross value added at basic prices | 3252.8 | 77.2 | 114.6 | 88.5 |
| Fixed capital consumption | 813.4 | 88.5 | 100.9 | 89.3 |
| Net value added at basic prices | 2439.4 | 73.5 | 120.0 | 88.2 |
| Income at factor cost | 4434.5 | x | x | 93.7 |
| Net operating surplus | 3484.2 | x | x | 93.6 |
| Net entrepreneurial income | 2355.3 | x | x | 93.7 |