



~ Methodology ~

EXPECTED YIELDS OF EARLY CROPS AND FRUIT

LEGAL BASIS

Data on expected yields of early crops and fruit on farms in Republika Srpska are provided through the “Annual survey on sown areas at the end of spring sowing and estimates of yields of early crops”, a survey implemented in accordance with the current:

- Work Plan of the Republika Srpska Institute of Statistics for 2024,
- Statistical Programme of Republika Srpska for the period 2022-2025 (“Official Gazette of Republika Srpska”, No 102/21),
- Law on Statistics of Republika Srpska (“Official Gazette of Republika Srpska”, No 85/03), and
- Commission Delegated Regulation (EU) 2015/1557 amending Regulation (EC) No 543/2009 of the European Parliament and of the Council concerning crop statistics on statistical surveys on total sown and harvested areas.

METHODOLOGICAL BASIS

AIM AND CONTENT

Published data on sown areas of early crops, fruit bearing areas and the assessment of expected average yields and total production were obtained through the “Annual survey on sown areas at the end of spring sowing and estimates of yields of early crops”.

The survey was conducted in accordance with Eurostat’s recommendations and standards and it has fully replaced the previous methodology of collecting data on agricultural production of family farms, which was based on estimates made by officials of local self-government units and data on sowing provided by legal entities.

OBSERVATION UNITS

Observation units are farms (family farms and farms owned by legal entities and entrepreneurs).

COVERAGE

The survey was carried out based on a random representative sample of family farms located in the territory of Republika Srpska and all farms owned by legal entities and entrepreneurs, which are engaged in crop production. The “Register of Farms”, established on the basis of the results of the Census of Population 2013, was used as the sample frame. In the “Annual survey on sown areas at the end of spring sowing and estimates of yields of early-season crops”, the data for 2024 were collected through telephone interviews with agricultural farms, while for farms owned by legal entities and entrepreneurs the reporting method is used. The survey is annual and it was implemented between 23 May and 15 June, as on 25 May.

METHOD AND PERIOD OF DATA COLLECTION

In the “Annual survey on sown areas at the end of spring sowing and estimates of yields of early-season crops”, the data for 2024 were collected through telephone interviews with agricultural farms, while for farms owned by legal entities and entrepreneurs the reporting method is used. The survey is annual and it was implemented between 23 May and 15 June, as on 25 May.

PROTECTION OF CONFIDENTIAL DATA

Aggregate data on expected average yields and total production by individual crops at the level of Republika Srpska are published based on the survey results. Confidential data are protected pursuant to Articles 25 and 27 of the Law on Statistics of Republika Srpska (“Official Gazette of Republika Srpska”, No 85/03) and in accordance with the Rules of protection of confidential data.

DEFINITIONS OF MAIN FEATURES – INDICATORS

Sown areas - areas that have been cultivated and sown with a crop.

Fruit bearing area – an area that, given its age and development, can bear fruit.

Average yield -- obtained by dividing the total production of a crop/plantation by the sown/fruit bearing area.

Total production – the quantity of yield available when harvesting is finished, that is, it is the yield at normal humidity obtained after deducting the quantities lost during harvest and transport.

LEVEL OF DATA REPRESENTATIVENESS

Data on expected yields of early crops and fruit obtained through the survey are representative for the level of Republika Srpska.

COMPLIANCE WITH INTERNATIONAL RECOMMENDATIONS AND STANDARDS

“Annual survey on sown areas at the end of spring sowing and estimates of yields of early-season crops” fully complies with Commission Delegated Regulation (EU) 2015/1557 amending Regulation (EC) No 543/2009 of the European Parliament and of the Council concerning crop statistics. Thus, the data obtained through the survey are fully internationally comparable.

IMPLEMENTATION ORGANISATION

AUTHORITIES IMPLEMENTING THE STATISTICAL ACTIVITY

Responsible producer of data on expected yields of early crops and fruit on farms is the Republika Srpska Institute of Statistics.

Data corrections, in accordance with the pre-defined criteria of logical and computation controls, are performed in the Production Statistics Division of the Institute.

OBLIGATION TO PROVIDE DATA

Reporting units (farms) must submit data to the Republika Srpska Institute of Statistics pursuant to the Law on Statistics.

METHODOLOGICAL DOCUMENTS

QUESTIONNAIRE

The questionnaire “Annual survey on sown areas at the end of spring sowing and estimates of yields of early crops” for family farms (PO-PPG) and the questionnaire for farms owned by legal entities (PO-PL) are used for the survey implementation.

PUBLISHING

Data on expected yields of early crops and fruit are published on 20 July of the current year, in the regular statistical release “Expected yields of major early crops and fruit”.

Prepared by:

Nada Šobot

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