



~ 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 2021,
- Statistical Programme of Republika Srpska for the period 2018-2021 (“Official Gazette of Republika Srpska”, No 21/18),
- 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/harvested areas and plantings of early crops and fruit were obtained through the “Annual survey on sown areas at the end of spring sowing and estimates of yields of early crops”. On the other hand, the estimate of average yields resulted from the work of professional agricultural services/persons for relevant estimation areas (municipality/city).

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 covering 4.2% of family farms located in the territory of Republika Srpska and all farms owned by legal entities and entrepreneurs, which belong to the pre-defined target population. The “Register of Farms”, established on the basis of the results of the Census of Population 2013, was used as the sample frame. Upon extrapolation, the data collected through the survey serve as the basis for monitoring crop production statistics in Republika Srpska.

METHOD AND PERIOD OF DATA COLLECTION

The survey is conducted using the CATI method, which means that farm members are interviewed by telephone during May and June, after which the average yield of observed agricultural crops is estimated.

PROTECTION OF CONFIDENTIAL DATA

Only individual data on expected production by individual crops for 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

Harvested area – area where crops were harvested and yields were picked.

Area of intensive orchards – plantations in which modern agro technical measures are regularly applied (tillage, care, spraying, etc.), raised on larger areas using the plantation system.

Yield per unit area (average yield) – obtained by dividing the total production of a crop/plantation by the harvested (sown) area.

Expected total crop yield – the quantity of yield available when harvesting is finished, that is, it is the "barn yield" at normal humidity obtained after deducting the quantities lost before harvest, transport and threshing.

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 Farm Survey" fully complies with the 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 entry and 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-22-PPG) and the questionnaire for farms owned by legal entities (GIPG-PL) are used for the survey implementation. These questionnaires are available at the Institute’s official website, at:

https://www.rzs.rs.ba/static/uploads/obraci/poljoprivreda_i_ribarstvo/Obrazac_PO-22-PPG.pdf

https://www.rzs.rs.ba/static/uploads/obraci/poljoprivreda_i_ribarstvo/Obrazac_PO-22-PL.pdf

METHODOLOGICAL INSTRUCTIONS

Methodological instructions for the survey implementation are available at the website of the Republika Srpska Institute of Statistics.

PUBLISHING

Data on expected yields of early crops and fruit are published on 30 September of the current year, in the regular statistical release “Expected yields of early crops and fruit”.

Prepared by:

Branislav Gojković

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