



## ~ Methodology ~

### EXPECTED YIELDS OF LATE-SEASON CROPS, FRUITS AND VINEYARDS

#### LEGAL BASIS

Data on expected yields of late-season crops, fruits and vineyards 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 2023”, a survey implemented in accordance with the current:

- Work Plan of the Republika Srpska Institute of Statistics for 2023,
- 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,

as well as based on production estimates made by agricultural advisory services and on data provided by other administrative sources.

#### METHODOLOGICAL BASIS

##### *AIM AND CONTENT*

Data on expected yields of late-season crops, fruits and vineyards on farms are obtained through the “Annual survey on sown areas at the end of spring sowing and estimates of yields of early crops”, as well as based on production estimates made by agricultural advisory services and on data provided by other administrative sources.

The survey has been implemented since 2020, 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.

##### *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 family farms located in the territory of Republika Srpska and all farms owned by legal entities and entrepreneurs, 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. The data in the “Annual survey on sown areas at the end of spring sowing and estimates of yields of early crops” are collected through telephone interviews with family farms. However, the reporting method is

used for farms owned by legal entities and entrepreneurs. The survey is annual and it was conducted between 25 May and 15 June, as on 25 May.

#### ***METHOD AND PERIOD OF DATA COLLECTION***

The data in the “Annual survey on sown areas at the end of spring sowing and estimates of yields of early crops” are collected through telephone interviews with family farms. However, the reporting method is used for farms owned by legal entities and entrepreneurs. The survey is annual and it was conducted between 25 May and 15 June, as on 25 May.

Data on expected yields of late-season crops, fruits and vineyards are obtained from administrative sources and through estimates of total production made by agricultural advisory services. When the estimates are made, it is assumed that the conditions for production will be normal in the following period until harvest

#### ***PROTECTION OF CONFIDENTIAL DATA***

Aggregate data on sown areas are published based on the survey results. Data on total production are published based on estimates made by agricultural advisory services. 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 area** –area that has been cultivated and sown with a crop.

**Arable land** – area that, given its age and development, can produce yield.

**Average yield** – obtained by dividing the total production of a crop/plantation by the harvested (arable) 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 before harvest and transport.

#### ***LEVEL OF DATA REPRESENTATIVENESS***

Data on expected yields of late-season crops, fruits and vineyards obtained through the survey and from administrative sources 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 crops” 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, which fully regulates surveys in the field of crop production. 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 late-season crops, fruits and vineyards on farms is the Republika Srpska Institute of Statistics.

Data corrections, in accordance with the pre-defined criteria of logical and computation controls, are made 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:

- [Form PO-22-PPG](#),
- [Form PO-22-PL](#).

### ***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 late-season crops, fruits and vineyards are published on 15 October of the current year, in the regular statistical release “Expected yields of major late-season crops, fruits and vineyards”.

### **Prepared by:**

Nada Šobot

### **Last updated:**

15 October 2023