11 August 2023

Estimated production of both cereals and rape is comparable to the five-year average

Harvest estimates − July 2023

Based on the second estimate of this year’s harvests as at 15 July, it is expected that the production of basic cereals will be 7 123 thousand tonnes. The expected harvest is comparable to a five-year average (+0.1%); however, in the year-on-year (y-o-y) comparison, it is estimated to be by 446 thousand tonnes lower (−5.9%). The production of rape is to be 1 215 thousand tonnes, by 48 thousand tonnes more (+4.1%) than last year. Poppy harvest estimated to be 19 thousand tonnes is by 14.2% lower, year-on-year.

The refined estimate of production of **basic cereals** (excluding grain maize) is 7 123 thousand tonnes. Compared to the first estimate in June, the expected harvest of basic cereals increased by 168 thousand tonnes (+2.4%).

*“According to the second estimate, over 7 million tonnes of basic cereals might be harvested; it is an amount comparable to the five-year average. Although the estimate is more optimistic than a month ago, due to y-o-y lower per hectare yield the expected production is, for the time being, lower compared to the last year, which was above average. The already delayed harvest has been further slowed down by persistent rain, which also endangers the quality of grain. Farmers will continue to refine their estimates and final results will be influenced by further weather development,”* Radek Matějka, Director of the Agricultural and Forestry, Industrial, Construction, and Energy Statistics Department, stated.

Production of **winter common wheat** is estimated to be 4 734 thousand tonnes, by 205 thousand tonnes less compared to the previous year (−4.2%); **spring barley** is estimated to be harvested in the amount of 965 thousand tonnes (−14.3%), **winter barley** in the amount of 781 thousand tonnes (+4.0%), **triticale** in the amount of 205 thousand tonnes (−1.3%), **spring common wheat** in the amount of 153 thousand tonnes (−38.9%), **oats** in the amount of 148 thousand tonnes (−11.6%), and **rye** in the amount of 120 thousand tonnes (−6.5%).

The **rape** production estimated in the amount of 1 215 thousand tonnes is by 48 thousand tonnes higher, year-on-year (+4.1%); it also slightly exceeds the five-year average (+1.2%). Compared to the first estimate from June, the current estimate of rape production is by almost 9 thousand tonnes lower (−0.7%).

This year, **poppy** production will be 19 thousand tonnes, by 14.2% less compared to the previous year. The harvest estimate is by a fifth lower compared to the five-year average (−19.9%). %). Areas under poppy have been fluctuating during the last years and related to that is also the amount of production. In 2020 and 2021, about 30 thousand tonnes of poppy were harvested whereas this year’s production estimate is by over a third lower.

For more detailed information on estimates of crop harvests see the [Supplementary information to the News Release on Harvest estimates – July](https://www.czso.cz/documents/11350/190968952/askl081123_komentar.pdf).

*Notes:*

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Data source: statistical survey of Harvest Estimates of Crops (Zem V7) and questionnaire on Areas under Crops (Osev 3-01)

End of data collection: 17 July 2023

End of data processing: 10 August 2023

Related publications: Harvest Estimates – Operative Report as at 15 July 2023

<https://www.czso.cz/csu/czso/harvest-estimates-operative-report-as-at-15-july-2023>

Areas under Crops Survey – 2023

[*Areas under Crops Survey - as at 31 May 2023 | CZSO*](https://www.czso.cz/csu/czso/areas-under-crops-survey-as-at-31-may-2023)

*Update procedure: Harvest Estimates – Operative Report as at 15 August 2023;*

*to be published on 6 September 2023*

Annexes:

Table 1 Per hectare yield and production estimates (selected crops, in tonnes per hectare and tonnes, indices)

Table 2 Production estimates of selected crops, comparison with a five-year average and a ten-year average