4 July 2023

Production of basic cereals is expected to be lower, year-on-year

Harvest estimates – June 2023

Based on the first estimates of this year’s harvest as at 10 June, it is expected that the production of basic cereals will be 6 955 thous. tonnes and the production of rape 1 223 thous. tonnes. Compared to the last year’s harvest, the production of basic cereals is expected to be by 615 thous. tonnes lower (−8.1%), whereas the production of rape by 57 thous. tonnes higher (+4.9%).

*“According to the first estimates, farmers are expecting a lower harvest of basic cereals, year-on-year. However, this year’s harvest has not started, yet, and estimates will be further refined during the harvest. Final results will also depend in the end, as every year, to a considerable extent on further development of the weather,”* Radek Matějka, Director of the Agricultural and Forestry, Industrial, Construction, and Energy Statistics Department of the Czech Statistical Office (CZSO), says.

The production of **basic cereals** (excluding grain maize) is estimated in an amount of 6 955 thousand tonnes, which is by 615 thousand tonnes lower (−8.1%) than the last year’s above-average production. The size of the sowing areas decreased by 50 thousand hectares to 1 249 thous. ha (−3.9%) and the estimated per hectare yield of 5.57 tonnes per hectare is also lower (−4.4%).

The estimated harvest of all types of basic cereals is lower, year-on-year, mainly due to a decrease in their per hectare yield. The estimated harvest of **winter common wheat** in the amount of 4 639 thous. tonnes is by 300 thous. tonnes lower, y-o-y (−6.1%). The **spring barley** production is expected to be 957 thous. tonnes (−15.0%), **winter barley** 718 thous. tonnes (−4.4%), production of **triticale** in the amount of 203 thous. tonnes (−2.5%), **spring common wheat** 154 thous. tonnes (−38.3%), **oats** 147 thous. tonnes (−12.5%), and **rye** 119 thous. tonnes (−7.5%).

*“Compared to the previous year, sowing areas of rape have considerably increased. Even with a weaker per hectare yield, y-o-y, the rape production is thus estimated for the time being to be by 5% higher,”* Dagmar Lhotská from the Agricultural and Forestry Statistics Unit of the CZSO stated.

The sowing areas of **rape** have expanded this year by 10.5% to 380 thous. hectares. Even with a lower per hectare yield of 3.22 tonnes per hectare (−5.1%), 1 223 thous. tonnes of rape are to be harvested; in the year-on-year comparison, it is going to be by 57 thous. tonnes more (+4.9%).

More detailed information on harvest estimates and sowing areas (areas under crops) can be found in the supplementary information to the News Release on Harvest estimates – June.

*Notes:*

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Data source: Statistical survey of Harvest Estimates of Crops (Zem V6) and questionnaire on Areas under Crops (Osev 3-01)

 Administrative data source: Integrated Administration and Control System – Single application (Declaration of Crops, Declaration of All Agricultural Land)

End of data collection: 12 June 2023

End of data processing: 3 July 2023

Related publications: Harvest Estimates – Operative Report as at 10 June 2023

 [Harvest Estimates - Operative Report - as at 10 June 2023 | CZSO](https://www.czso.cz/csu/czso/harvest-estimates-operative-report-as-at-10-june-2023)

 Areas under Crops Survey – as at 31 May 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 – July 2023; to be published on 11 August 2023*

Annexes:

Table 1 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 and a ten-year average