11 August 2017

Yields not reaching last year’s value

Estimates of production - July 2017

Based on the second estimate of this year’s harvest as at 15 July 2017 it is expected that the production of basic cereals is to reach an amount of 6 709 thous. tonnes and the production of rape is to be 1 199 thous. tonnes. Compared to the above-average harvest of the previous year, the production of basic cereals is down by 1 020 thous. tonnes (-13.2%) and rape by 160 thous. tonnes (-11.8%). Poppy seed production is expected to be 23 thous. tonnes, which is by a fifth lower than in the last year (-19.8%).

The estimated production of basic cereals (excluding grain maize) in the amount of 6 709 thous. tonnes is by 13.2% lower than the last year’s above-average production. The expected drop of production by 1 020 thous. tonnes is entirely due to a decrease of the per hectare yield to 5.32 t/ha (-13.1%), while the sowing area of 1 262 thous. hectares remained almost unchanged compared to 2016 (-0.1%). This year’s estimated production of basic cereals is lower than the last five-year average as well as the ten-year one (-6.5% and -4.2%, respectively).

As for all types of basic cereals, a decrease in per hectare yields is expected compared to the yields in 2016. An increase in the production owing to a major enlargement of the sowing areas is estimated only as for spring wheat (+65 thous. tonnes) and oat (+20 thous. tonnes). Harvest of rye is estimated to remain basically unchanged compared to 2016. As for other cereals, a decrease in production is expected; the most marked drop will be at winter wheat (-854 thous. tonnes), spring barley (-117 thous. tonnes), and winter barley (-109 thous. tonnes).

Based on the July estimate, the following harvest is expected: winter wheat in an amount of 4 462 thous. tonnes (-16.1%) with the per hectare yield of 5.68 t/ha (-13.5%), spring barley in an amount of 1 090 thous. tonnes (-9.7%) with the per hectare yield of 4.73 t/ha (-13.2%), winter barley in an amount of 528 thous. tonnes (-17.1%) with the per hectare yield of 5.44 t/ha (-11.3%), spring wheat in an amount of 204 thous. tonnes (+46.6%) with the per hectare yield of 4.38 t/ha (-3.5%), triticale in an amount of 168 thous. tonnes (-12.8%) with the per hectare yield of 4.64 t/ha (-4.9%), oat in an amount of 152 thous. tonnes (+15.1%) with the per hectare yield of 3.45 t/ha (-2.0%), and rye in an amount of 105 thous. tonnes (+0.3%) with the per hectare yield of 4.71 t/ha (-5.4%).

The rape production is estimated to be 1 199 thous. tonnes, which is by 160 thous. tonnes lower than last year (-11.8%) due to a drop of the per hectare yield to 3.04 t/ha (-12.1%). The sowing area slightly expanded compared to 2016 to 394 thous. ha (+0.3%); it is the third highest value in the survey history. A higher sowing area of rape was recorded only in 2012 and 2013, when it exceeded 400 thous. hectares. When compared to a five-year average, the estimated rape production is by 10.6% lower (sowing area +0.1%; yield -10.7%); it is comparable to the ten-year average (harvest -0.1%; sowing area +4.9%; yield -4.8%).

This year’s production of poppy seed is estimated to be 23 thous. tonnes, which is almost by a fifth lower compared to 2016 (-19.8%) due to a drop in the per hectare yield to 0.70 t/ha (- 2.5%) and the sowing area to 33 thous. ha (-8.3%).

More detailed information on estimated per hectare yields and production of peas, selected varieties of fruit and vegetables crops in the Czech Republic, as a whole and broken down by region, are given in the following publication ‘Harvest Estimates – Operative Report as at 15 July 2017’.

*Notes:*

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Data source: Statistical survey - Harvest Estimates (Zem V7) and Areas under Crops Survey (Osev 3-01)

End of data collection: 14 July 2017

End of data processing: 10 August 2017

Following outcomes: Harvest Estimates – Operative Report as at 15 July 2017

[*https://www.czso.cz/csu/czso/harvest-estimates-operative-report-as-at-15-july-2017*](https://www.czso.cz/csu/czso/harvest-estimates-operative-report-as-at-15-july-2017)

Areas under Crops Survey – 2017

[*https://www.czso.cz/csu/czso/areas-under-crops-survey-as-at-31-may-2017*](https://www.czso.cz/csu/czso/areas-under-crops-survey-as-at-31-may-2017)

*Update procedure: Harvest Estimates – Operative Report as at 15 August 2017; to be published on 8 September 2017*