METHODOLOGICAL NOTES

The scope of the statistical survey (selected sample of respondents) is based on updated Farm Register. The statistical survey among entrepreneurs is sample-based; mathematical and statistical methods are used for grossing up the data at the NUTS3 level (i.e. 14 regions of the Czech Republic).

Definitions of surveyed indicators:

Sown area: Arable land area sown or planted with main crops in spring of the harvest year, or with winter crops in autumn of the preceding year, or with multiannual crops in preceding years. Areas of pre-crops, catch crops, and succeeding crops are not included. Includes also nurseries until 2022, from 2023 onwards are nurseries recorded separately. Includes also areas sown outside arable land until 2016.

Sown area of winter crops: Arable land area sown with winter crops intended for the harvest in the following year as at 30 November.

Harvested area of crops: Utilised agricultural area intended for a harvest.
- Maize, early potatoes, caraway (from 2023 onwards): the area harvested in the reference year.
- Vegetables (from 2018 onwards): the harvested area corresponds to the sum of areas sown or planted repeatedly and harvested in the reference year. It includes also areas under high accessible cover (glasshouses, plastic houses).
- Hops, vines, and orchards, by species: the production area intended for a harvest in the reference year (production area). Young, not yet bearing plantations are excluded.
- Permanent grassland: the harvested and/or grazed area.

Harvest of crops: Harvested production of crops intended for market or for direct consumption. The harvest is given in standard purity. The harvest humidity of cereals for grain, pulses and protein crops for grain, oil seed crops, and arable fodder crops:

Crop production humidity

Crop / aggregate of crops	Humidity degree (%)
Cereals for grain	14
Pulses and protein crops for grain	14
Oil seed crops (except soya)	9
Soya	14
Arable fodder crops	15
- Green maize	65
- Cereals harvested green (excl. maize)	83
- Clover, lucerne, legume-grass mixtures	15
- Leguminous plants harvested green and their mixtures (except legume-grass mixtures)	83
- Other fodder crops on arable land	83

Per hectare yield of the crop harvest: It is calculated as the crop harvest divided by the harvested area or the sown area of the particular crop.
- Maize, early potatoes, caraway (from 2023 onwards), vegetables (from 2018 onwards), hops, vines, and permanent grasslands: the per hectare yield is calculated using the harvested area.
- All other crops: the per hectare yield is calculated using the sown area of the particular crop.

Number of fruit trees/bushes: the number of planted fruit trees or bushes. Includes viable fruit trees or bushes of all age categories including young not yet bearing ones.

Yield per one tree/bush: It is calculated as the fruit harvest divided by the number of trees or bushes.

Consumption of mineral fertilisers in a marketing year: Includes the consumption of fertilisers reported by the units in the sample (without estimation for the non-surveyed part of the population).

The marketing year is the period from 1 July of the year preceding the harvest year to 30 June of the harvest year.

Methodological comments:

Winter common wheat, spring common wheat: include durum wheat until 2022

Cereal mixtures for grain: replace two items surveyed until 2022: spring cereal mixtures for grain and winter cereal mixtures for grain.

Other cereals for grain: include buckwheat until 2022 while it is reported separately from 2023 onwards.

Field peas for grain: include fodder pea from 2017 onwards.

Other pulses and protein crops for grain:
- include vetches for grain until 2022 while they are reported separately from 2023 onwards.
- include sweet lupins until 2008 while they are reported separately from 2009 onwards.
- include broad and field beans until 2005 and in the period 2009-2017 while they are reported separately in the period 2006-2008 and from 2018 onwards.

Potatoes (excl. early and seed ones): include seed potatoes until 2005 while they are reported separately from 2006 onwards

Medicinal, aromatic and culinary plants: replace two items surveyed until 2022: Medicinal plants and Culinary plants.

Energy crops n.e.c.: include short rotation coppices until 2015.

Other industrial crops:
- include fibre flax from 2011 onwards while it was reported separately until 2010.
- include energy crops n.e.c. and hemp until 2010 while they are reported separately from 2011 onwards.

Arable fodder crops: not divided to annual fodder crops and perennial fodder crops from 2023 onwards

Harvest of arable fodder crops:
- given in determined humidity from 2017 onwards.
- given in hay (dry) or green (fresh) until 2016.
- the sum item Arable fodder crops is not comparable in the time series until 2016 and from 2017 onwards without a preceding recalculation.

Crop / aggregate of crops	until 2016	Humidity degree (%) from 2017 onwards
Arable fodder crops	In hay (dry)	15
Annual fodder crops (until 2022)		65
- Green and silage maize	Green (fresh)	65
- Other annual fodder crops		83
Perennial fodder crops (until 2022)	In hay (dry)	15

Clover: includes only red clover until 2022 but all clover species from 2023 onwards.

Legume-grass mixtures (Item Other perennial fodder crops until 2022):
- do not include annual leguminous plants harvested green until 2022.

- include temporary grasses and grazings until 2010.

Leguminous plants harvested green and their mixtures (item Annual leguminous plants harvested green until 2022): include annual leguminous plants until 2022.

Other fodder crops on arable land (item Other annual fodder crops until 2022): include cereals harvested green (excluding green maize) and annual leguminous plants harvested green until 2010.

Fresh vegetables: the sown area is reported until 2017 while both sown area and harvested area is reported from 2018 onwards.

Cauliflower and broccoli: excluding broccoli until 2010.

Lettuces: include only head lettuce until 2016 while all types of lettuces are included from 2017 onwards.

Other vegetables:
- include gourds and pumpkins, watermelons, asparagus, other root and bulb vegetables, other brassicas, other fruit vegetables, other fresh pulses, and other leafy and stalked vegetables until 2022 while they are reported separately from 2023 onwards.
- include peppers, spinach, and beetroot until 2017 while they are reported separately from 2018 onwards.
- include broccoli, radishes, leeks, and lettuces until 2010. From 2011 onwards, broccoli is reported together with cauliflower; radishes, leeks, and lettuces are reported separately.

Fruit trees and bushes (total):
- include blueberries, other pome fruit trees, other stone fruit trees, other berry trees and bushes, and other nut trees and bushes from 2023 onwards.
- include raspberries from 2018 onwards.

Plum trees: replaced two items – *Prunus domestica* trees and *Prunus insititia* trees – surveyed until 2022.

Gooseberry bushes: included in Other berry trees and bushes from 2023 onwards.

The data are categorised at the national level and at the NUT3 level (regions).

The published results are calculated using non-rounded values.