

Methodological explanatory notes

The survey only covered fruit producers actually farming on the reporting date on at least 15 ares of orchard and whose orchard production was at least partially intended for commercial purposes. Minimum orchard acreage (0,15 ha) is set in the CZSO Decree 126/2001 stipulating registration criteria for the Farm Register. The survey referred to both net and mixed (i.e. trees of several fruit species) plantations.

Data was gathered from fruit producers in two ways. One part was taken over from the Central Institute for Supervising and Testing in Agriculture (ÚKZÚZ). The institute registers intensive orchards for fruit production in the Czech Republic. The other part represented data from fruit producers registered in the Farm register (at CZSO) who were investigated by interviewers.

CZSO conducted a comprehensive survey using a common questionnaire. The questionnaire contained basic data on the grower subject, total gross acreage of orchards (i.e. a manipulation area is included in the acreage) and data on individual fruit species. In case of apple trees, pear trees, peach trees and apricot trees the most frequent varieties and the following parameters were surveyed: number of trees, acreage, density of the plantation, age of trees. These species and characters are laid down by the European legislation. Results of the survey were submitted to the European Commission. Other species frequently planted in the Czech Republic were surveyed for national purposes only: cherry trees, sour-cherry trees, plum trees, walnut trees, cob-nut trees, almond trees, currant bushes (white, red, black), goose-berry bushes, bramble bushes and raspberry bushes. Whereas for cherry trees, sour-cherry trees and plum trees the number of trees, acreage and age of trees were inquired, for the other species the number of trees/bushes and acreage were only required.

Age classes of fruit trees (pursuant to the European legislation):

Classes of plantation density (pursuant to the European legislation): (graph 08)

Apple and pear trees: 0-4 years 5-9 years 10-14 years 15-24 years over 25 years	Apple and pear trees: < 400 trees/ha (1) 400-799 trees/ha (2) 800-1 599 trees/ha (3) 1 600-2 399 trees/ha (4) 2 400-3 199 trees/ha (5) 3 200-3 999 trees/ha (6) ≥ 4 000 trees/ha (7)
Peach and apricot trees: 0-4 years 5-9 years 10-14 years 15-19 years over 20 years	Peach and apricot trees: < 300 trees/ha (1) 300-599 trees/ha (2) 600-899 trees/ha (3) 900-1 199 trees/ha (4) 1 200-1 499 trees/ha (5) ≥ 1 500 trees/ha (6)

Symbols used in the tables

- The symbol of dash in place of a figure indicates that the phenomenon did not occur
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- The symbol of dot shows that the figure is not available or cannot be relied on
- x The symbol of horizontal small cross shows that the figure is not applicable
- 0 The symbol of zero designates figures smaller than half of the unit of measure chosen
- i.d. Individual data