

Methodological notes

The Orchard Survey 2012 covered all fruit producers registered in the Farm Register with at least 0.20 ha of fruit orchards as at 1 May 2012 whose production was entirely or mainly intended for the market.

The survey included 2 388 responding units in total. Data for 1 235 units utilising 89.1% of the fruit orchard area surveyed were taken from the Orchard Register maintained by the Central Institute for Supervising and Testing in Agriculture (UKZUZ). The remaining 1 153 units which plant fruit trees on 10.9% of the total orchard area were surveyed using a standard statistical questionnaire.

Basic identification of producers, total orchard area, and area of particular orchards by their cadastral territories were surveyed.

Survey parameters for apple trees, pear trees, peach trees and apricot trees were set down according to Regulation on permanent crops. Apple and pear trees were broken down by varieties (see below). Peach and apricot trees were divided into groups by their harvest date – earliness (see below). Number of trees and planted area broken down by density of plantation and by tree age was surveyed in particular groups.

Beyond the provisions of Regulation on permanent crops also other species of fruit trees and bushes frequently planted in the Czech Republic were surveyed. Number of trees and planted area broken down by tree age was recorded for cherry trees, sour cherry trees and plum trees. Number of trees and planted area was noted for the remaining species (walnut, hazelnut, almond, white currant, red currant, blackcurrant, gooseberry, blackberry, and raspberry).

The responding units were divided into groups by cadastral territories in which the surveyed orchards were located. Units with their orchards in several regions were included in the region where prevailing part of their acreage was situated.

This publication presents comparison of results of Orchard Surveys 2007 and 2012. To enable this comparison, data for 2007 were recalculated according to the threshold values defined for the 2012 survey. Also particular categories were merged in order to compare the data from both surveys.

DEFINITIONS:

Orchard area (planted area): area of the parcels planted with a homogeneous plantation of the fruit trees or bushes. Areas with solitary trees and trees growing along roads (avenues, tree lines) are not included.

Fruit trees (number of trees): Up-to-date number of trees including young and aged trees. Dead trees, solitary trees, and trees growing along roads (avenues, tree lines) are not included.

Planting density: number of trees per hectare of planted area.

Plantation age, tree age: number of years since the planting year.

Plum trees include common plum trees, egg plum trees, damson trees, greengage trees, and mirabelle plum trees.

Calculations in the tables are based on non-rounded figures (incl. totals).

SYMBOLS USED IN THE TABLES

- no cases registered
· data unavailable or unreliable
i. d. individual data

Groups of apple varieties

group of varieties	varieties			
Boskoop rouge	Belle de Boskoop	Boskoop Red		
Braeburn	Braeburn Braeburn Helene Hidala (Hilwell)	Joburn Lochbuie Red Mahana Red	Mariri Red Redfield Rosabel	Royal Braeburn
Cox Orange	Cox's Orange Pippin			
Elstar	Bel-El (Red Elswout)	Elstar	Elstar Elshof (Red Elstar)	
Fuji	Fuji			
Gala	Annaglo Baigent (Brookfield) Gala	Gala Schniga Galaxy Mitchgla (Mondial Gala)	Obrogala (Delbard Gala) Regal Prince (Gala Must) Regala	Tenroy (Royal Gala)
Golden Delicious	Delvit Dione	Early Gold (Snygold) Golden Delicious	Golden Delicious Reinders Golden Delicious Smoothee	Goldspur Lysgold (Lysgolden, Goldenir)
Granny Smith	Granny Smith			
Idared	Idared	Idaredest	Najdared (Neidared)	Red Idared
Jonagold/Jonagored	Crowngold Daligo Daliguy (Jonasty) Dalijean (Jonamel) Decosta Jomar (Marnica) Jomured (Van de Poel)	Jonabel Jonabres Jonagold Jonagold 2000 (Excel) Jonagold Boerekamp (Early Queen) Jonagored	Jonagored Supra Jonaprince Jonaveld (First Red) King Jonagold New Jonagold (Fukushima) Novajo (Vuelemans) Primo	Red Jonaprince (Red Prince, Wilton's) Romagold (Surkijn) Rubinstar Schneica (Jonica) Wilmuta
Pinova	Pinova			
Red Delicious	Camspur (Redchief) Erovan (Early Red One) Evasni (Scarlet Spur) Flatrar (Starkspur Ultra Red) Fortuna Delicious Hapke Delicious Otago	Red Delicious Red King Red Spur Red Spur Delicious Red Winter Red York Richared	Royal Red Sandidge (Super Chief) Shotwell Delicious Stark Delicious Starking Starking Delicious Starkrimson	Starkrimson Delicious Starkspur Topred Trumdor (Oregon Spur Delicious) Valtod (Red Cap) Well Spur
Shampion	Shampion Shampion Arno	Shampion Red	Shampion Reno	Shampion Reno 2
Others	not mentioned elsewhere			

Groups of pear varieties

group of varieties	varieties	
Conference	Conference	
Decana	Doyenné du Comice	
Kaiser	Beurré Bosc (Kaiser Alexander)	
William	Williams Bon Chrétien	Williams Red
Others	not mentioned elsewhere	

Groups of peach trees by earliness

		harvested
Yellow flesh	early	until 15 July
	medium	between 16 July and 15 August
	late	after 15 August
White flesh	early	until 15 July
	medium	between 16 July and 15 August
	late	after 15 August
Nectarines	early	until 15 July
	medium	between 16 July and 15 August
	late	after 15 August

Groups of apricot trees by earliness

		harvested
Apricot trees	early	until 30 June
	medium	between 1 July and 31 July
	late	after 1 August