

**DIFFERENT TYPES OF CANOPIES FOR EITHER HARVEST DONE BY MACHINE OR BY HAND IN PLUM ORCHARD****GÉPI ÉS KÉZI BETAKARÍTÁSÚ KORONAFORMÁK SZILVAÜLTETVÉNYEK BEN****CZINEGE ANIKÓ**

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The plums are harvested mainly with machines in Hungary presently, for this the most suitable the best type of canopy is the one without reedy, an open canopy, for instance: the funnel- and vase crown. These trees need large plant distances (4-8 x 3-6m). One to the hardness of pulp of the plum the fruit harvested by machines harvest besides its industrial use, may as well be sold for fresh consumption as meal plum too. As for the big surface orchards I may advice machine harvest and chiefly vase-, funnel-, and Y-canopies, as the technology elements can be done the most successfully this way. As for rootstocks the vigorous Mirobalan seedlings (C162, C679) can be used, which allow the shaping of big and strong canopies.

In case of hand harvested orchards the situation is different, here the combined-, free spindle-, and slender spindle canopies can be used. This latest is used in the intensive orchard too. The intensive technology is the best to be used in small areas, so that the lot of fitotechnology works could be done in time. This technology is used not only in the case of apple, cherry, sour cherry, but more and more in the case of plum orchards. The intensive technology includes the close between rows, and within rows; the summer green cuttings; growing grass around; fertigation; and fruitthining, which factories effect on partly early makes become productive and reduce the vigorouth of growth of trees and on the other hand permit a big yield (20-35 t/ha). Weak and dwarf rootstocks are not in use at the moment in Hungary, so we choose the rootstocks for field and we govern the growth with fitotechnichs (the tying down shoot, green cutting).

**Kulcsszavak:** szilva, művelési rendszerek, váza-, tölcsér-, karcsúorsó koronaformák