

KAKVOĆA SADNICA – UVJET ZA INTENZIVIRANJE PROIZVODNJE JABUKE

Z. ČMELIK, Jasmina DRUŽIĆ ORLIĆ

Agronomski Fakultet Sveučilišta u Zagrebu, Zavod za voćarstvo

Mnogi čimbenici utječu na uspješnost osnivanja novih voćnjaka, a među njima vrlo važno mjesto pripada kakvoći sadnog materijala. U Hrvatskoj se uobičajeno za sadnju koriste jednogodišnje nerazgranate sadnice. Međutim, takve sadnice nisu osobito prikladne za formiranje uzgojnog oblika vitko vreteno i sadnju u gustom sklopu. U Europi su učinjene bitne promjene u rasadničkoj proizvodnji, pa se za gusti sklop koriste razgranate sadnice, ali različite kakvoće specifično za različite sustave uzgoja (različiti broj i dužina bočnih ogranaka, različita visina sadnica). Uporabom takvih sadnica voćnjak brzo ulazi u produktivnu dob, lakše se održava tijekom eksploatacijskog perioda, što rezultira i povoljnijim ekonomskim rezultatima.

U radu se, na osnovi brojnih literaturnih vrela i vlastitih eksperimentalnih podataka, opisuju osobine različitih "tipova" sadnica jabuke.

Ključne riječi: kakvoća sadnica, voćnjak, jabuka

THE QUALITY OF NURSERY TREES – BASE FOR INTENSIFICATION OF APPLE PRODUCTION

Z. ČMELIK, Jasmina DRUŽIĆ ORLIĆ

Faculty of Agriculture University of Zagreb, Department of Pomology

At apple orchard establishment several factors influence success, among which the quality of maiden trees plays important role. In Croatia, one-year-old trees which have no branches on the stem (whips) have been commonly used for planting high density apple orchards. But they are not suitable for training into slender spindle. In Europe changes have been made recently in apple nursery tree structure providing branched apple maiden trees of different external attributes of quality (number and length of lateral shoots, height of maiden trees) suitable for different tree training and high density planting. With the use of such trees planted at high density, the orchard will come faster into bearing, will be easier to maintain and, finally, the economics of production will be improved.

The performance of apple maiden trees of different quality attributes have been described on the basis of actual literature data and some experimental results.

Key words: quality of nursery trees, orchard, apple