

Istraživanje intenziteta oštećenja od niskih temperatura na stablima nekih sorata masline u maslinicima sjevernog dijela otoka Krka tijekom zime 2009/2010.

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Sažetak

Jedan od najvećih problema u maslinarstvu Hrvatske jesu oštećenja stabala maslina nastala usljed niskih temperatura uzrokovanih jakim zimama koja će se prema dosadašnjim iskustvima u nas javljati svakih 15 do 30 god. Prema evidenciji o učestalosti pojave ekstremno niskih zima na području našeg priobalja bilježe se zime 1929., 1956., 1985. 1996. i zadnja 2009/10. Osim godine na intenzitet oštećenja najviše utječe lokacija i starost maslinika te sorta. Od velikog broja sorata maslina u našoj je praksi od posebne važnosti utvrditi razlike na razini udomaćena i introducirana sorta. Na otoku Krku osim udomaćenih sorata Oblice, Istarske bjelice i Buže imamo još i introducirane talijanske sorte Pendolino i Leccino Tijekom zime 2009/10 temperatura se na sjevernom dijelu otoka Krka spustila do $-13,2^{\circ}\text{C}$ što je izazvalo oštećenja na stablima maslina gore imenovanih sorata: Cilj ovog istraživanja je bio utvrditi razliku u intenzitetu oštećenja u zavisnosti od sorte, starosti stabala i mikro lokacije na sjevernom dijelu otoka Krka. Rezultati istraživanja pokazuju da su najviše stradala mlada stabla sorata: Oblica, Istarska bjelica i Buža na lokacijama Pinezići i Vantačići, dok su sorte Leccino i Pendolino na lokaciji Vantačić pokazale značajnu tolerantnost na niske temperature.

Ključne riječi: pozeba, maslina

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Investigations of intensity of damage by low temperatures on some varieties of olive trees in olive groves of the northern part of the island Krk during the winter in 2009/2010

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Abstract

One of the biggest problems in the olive-Croatian is damage to trees by a low temperature in the severe winters, which will be by experience to date in our country occur every 15 to 30 years. In our area of extremely low temperatures were recorded in winter, 1929th, 1956th, 1985th, 1996th and last in winter 2009/10.

Except year on the intensity of damage is affected by location, age of olive trees and variety. In our olive groves we encounter a large number of varieties, which are divided into domesticated and introduced varieties. On the island of Krk, except domesticated varieties: Oblica, Istria bjelica i Buza exist also introduced Italian varieties Pendolino and Leccino

During the winter 2009/10 temperatures in the northern part of the island fell to -13.2 °C what caused damage to olive trees varieties Oblica, Istarska bjelica, Leccino i Pendolino. The aim of this study was to determine the difference in the intensity of damage in depending on the varieties, age of olive trees and micro-locations.on the north part of the island Krk.

The research results show the most damaged on young trees of varieties: Oblica, Istarska bjelica i Buža in location Pinezići and Vantaičići, while Leccino and Pendolino varieties in location Vantačić showed significant tolerance to low temperatures

Key words: olive, frost

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