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BEHAVIOUR OF SOME VARIETIES OF APRICOT FROM DIFFERENT SELECTION CENTRES GRAFTED ON MYROBALAN 29C IN THE SOUTHERN PART OF THE COUNTRY

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Trees of the studied varieties of apricot were grafted on the rootstock Mirobalan 29C. The trees were planted in the southern part of the country in 2015 in the company SRL „Agroparc Management” campaign, at 5.0 m row spacing and 3.0 m per row, at a density of 667 trees/ha. The research was carried out during 2022.

The lowest values of fruit height were recorded in the varieties Lilly Cot (37.0 mm) and Kioto (m) (37.6 mm), and the highest in the varieties Wonder Cot (53.3 mm) and Magic Cot (53.8 mm). In general, all the studied varieties can be divided by fruit height into 3 groups.

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According to the proportion of stone in the fruit, the studied apricot varieties can be divided into the following groups. In the group of varieties with a stone weight of 3.0-5.0%, the varieties Perle Cot (4.1%), Pinkcot (4.4%), Wonder Cot (5.0%) and Big Red (5.0%) can be assigned. In the group with a stone weight of 5.0-7.0%, the varieties Magic Cot (5.2%), Sweet Cot (5.9%), Orange Red (6.0%) and Lilly Cot (6.8%) can be assigned. In the group of varieties with a kernel-to-fruit ratio of more than 7.0% are Kioto (7.2%), Spring Blush (6.0%), Farbaly (10.2%) and Faralia (10.7%).

Higher overall apricot production values were obtained in Pinkcot (10.00 t/ha) and Kyoto (10.36 t/ha), lower were in Big Red (9.60 t/ha) and Faralia (9.73 t/ha). Next in descending order were Sweet Cot (9.20 t/ha), Farbaly (8.72 t/ha), Perle Cot (8.70 t/ha), Lilly Cot (8.45 t/ha), Wonder Cot (6.44 t/ha), Spring Blush (6.40 t/ha), Magic Cot (5.40 t/ha) and Orange Red (4.36 t/ha).

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