

## **RESEARCHES REGARDING CUTTING IN GREEN INFLUENCE UPON YIELD AT SOME APRICOT TREE VARIETIES CULTIVATED AT S. D. TIMISOARA**

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### **SUMMARY**

Fruit yield is representing the most important research objective because it determines plantation economical efficiency. In the present experience were analyzed yield between 2006 and 2007 of some apricot tree varieties on which we applied cutting in green at different moments of offspring growth: 25 of May, 15 of June, 10 of July. Yield /tree in 2006 is situated between 30,7 kg in case of Litoral variety in Uncut variant and 40,4 kg in case of Mamaia variety in Cut in 15 of June. Statistically speaking almost all varieties registered distinctive significantly differences given the control in Cut at 15 of June plot. Dacia variety, in the some plot had nesignificantly differences concerning yield. The most productive varieties in 2006 were Mamaia, Sulina and Olimp varieties. Relative yield is situated between 102,5 % in case of Traian variety in Uncut variant in 25 of May and 125,6 % in case of Sulina variety in Cut at 15 of June variant, which proves that yield amplitude between varieties and variants is not so big. As concerns fruits yield in 2007, this was situated between 10,4 t/ha in case of Dacia variety in Uncut variety in Cut at 15 of June variant. Analysing all obtained data as concerns yield, the best cutting variant was Cut at 15 of June variant, which registered in case of the majority of studied varieties significantly positive differences given the control Uncut.

Analysing yield on two years of research we can conclude that studied varieties have a high productivity potential, when climate accidents didn't appear and if upon trees have been applied necessary agrophy totechnical measures, and as concerns cuttings in green appliance upon trees we can assert that it in was resistered a plus of value in cuttings in green variant in comparison with the Uncut variant.

Besides all this we can not say that cuttings in green influence applied on trees in different moments of offspring growth have had spectacular effects upon yield. Still, is recommended dry cuttings replacement with cuttings in green.

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