

THE EFFECT OF MUSIC PRODUCED BY WINDS INSTRUMENTS ON CULTIVATED PLANTS

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Abstract

In order to study the effect of music produced by winds instruments on cultivated plants there have been carried out two experiments at Research Station of Targu Jiu on salad crop cultivated in solarium and apple tree, Idared crop kind in the field with three treatments: without music, one hour a day music, three hours a day music during a week. With the salad crop, in the solarium without music, the average weight of a plant has been of 126.3 g, in the solarium with one hour a day music during a week the average weight grew to 142.5 g and with the three hours a day treatment it reached to 151.4 g. So, the treatment with folk music played from pipe flute and flute has determined the increasing of the salad yield by 12.8 – 19.8%. With the apple tree crop, without music, the average weight of a apple fruit has been of 113.8 g, with one hour of music a day it reached 126.1 g and with three hours a day the average weight of a fruit was of 134.5 g; the yield outputs were of 11.7 and 18.6 %. The using of music produced by winds instruments is beneficial for salad and apple tree plants.

Key words: winds musical instruments, salad, apple tree, growth
