

RESEARCHES CONCERNING THE INFLUENCE OF PRESSURE ON THE DRIP RATE FOR DIFFERENT DRIP WATERING TAPE MODELS

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Abstract

This research shows the influence of the operating pressure on the water flow dispersed through the drip watering tapes. The experiments were organized on a stand in the Laboratory of Horticultural Machinery at the University of Agricultural Sciences "Ion Ionescu de la Brad" in Iasi. In carrying out the experimental researches, there were used 10 types of drip watering tapes and the operating pressure varied from 0.025 to 0,2MPa. Following the experiments, there have been found differences in the flow value of each drainer and each watering line, depending on the working pressure and the type of tape used.

Key words: stand, drip irrigation tape, work pressures
