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## INFLUENCE OF CULTIVAR COMBINATIONS AND SEEDLING THICKNESS ON THE FORMATION OF PHYTOMETRIC INDICATORS AND PRODUCTIVITY OF PEAR TREES IN INTENSIVE ORCHARDS

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### ABSTRACT

*In this article is given the influence of varieties-rootstock combinations and planting schemes on the phytometric growth rates and fruiting of pear varieties grafted on a seedling C<sub>1</sub>-Williams, Abbat and Carmen. The most productive varieties of pear tree connected to the vegetative graft are Carmen, Abbat and Williams, planted in the garden on a 4.0x1.2 m scheme, with 2088 pear seedlings per hectare. The air exchange process is also improved. Sunlight, on the other hand, has a positive effect on the yield formation of small pear varieties, allowing the trees to increase their productivity during the growing season.*

**KEYWORDS:** *Fruit Growing, Intensive Pear Orchards, Dwarf Trees, Vegetative Rootstocks, Phytometric Values And Fruit Formation, Efficiency.*

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