



DOI: **10.5958/2249-7137.2021.02049.8**

## DETERMINATION OF THE AGROPHYSICAL PROPERTIES OF THE SOIL

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### ABSTRACT

*The physical and mechanical properties of the soil are one of the most important factors that determine the quality of its processing and the conditions for the growth and development of cultivated plants, the level of their productivity. The density of the solid phase of the soil is the ratio of the mass of its solid phase to the mass of water in the same volume at 40C. Different soil types and even individual soil horizons have different solid phase densities. The density and structure of the arable layer largely depend on the granulometric composition of the soil and its genesis.*

**KEYWORDS:** *Determine, Productivity, Horizons, Arable*

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