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RESEARCH REGARDING DEEP SOIL LOOSENING INFLUENCE OVER FERTILITY OF THE POTATOES CULTIVATED FIELDS

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Abstract

The deep soil loosening work efficiency depends by many factors, including also the distance between working organs, respectively of the mobilized zone width by them. The experimental researches made with a fix working organ with a width chisel cap type, showed the working depth and physical-mechanical soil characteristics influence on the mobilized zone width by them. There are confirmed some values regarding this aspect existing in specialized literature on working conditions which can maximize the respective zone, but new results are presented which can serve designers, manufactures and farmers to making and using a superior quality equipment.

Key words: deep soil loosening, influence zone, working organ

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