



Study concerning fuel consumption to obtain the germinative bed for seeding

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The reduction of the fuel consumption necessary for a new culture establishment represents a challenge for all specialists in agriculture. In this paper, there are presented three aggregates used to obtain the germinal bed (including the fundamental work of the soil – ploughing) from economical and qualitative point of view.

Analyzing the obtained results, it was showed the economicity of the complex aggregates which carry out all operations necessary for culture establishment in only one passing. Reducing the passing number leads (in time) to soil protection through diminishing the destruction rate of its texture.

As a conclusion, the soil machining with the aggregate plough – agricultural milling cutler can be included in the system “minimum tillage”.