



THE INFLUENCE OF THE FERTILIZE ON THE MAIN
PRODUCTIVITY ELEMENTS AT THE POTATO CROP
ON THE ASH RESULTED FROM THE BURNING OF LIGNITE
INFLUENȚA FERTILIZARII CU PRIVIRE LA ELEMENTELE
PRINCIPALE PRODUCTIVE LA CULTURA DE CARTOFI PE
CENUSA REZULTATE DIN ARDEREA LIGNITULUI

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Potato growing on grounds covered with ash is justified by the average productivities of about 44,2 t/ha. Given the situation in which nitrogen (N250) was administered to barnyard manure block, tuber productivity appreciably increased, no matter the way phosphorus was administered, i.e. ridicular or foliar. The increasing of tuber productivity does not even depend on the administration of this fertilizer. Nitrogen had a benefic influence on productivity, which increased from 76% to 90%. By comparing the results referring to the productivity elements we can clearly notice the benefic influence of manure. This explains the level of productivity obtained from one hectare (ha).