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

CONSTANTINESCU Emilia, DUȚĂ Adriana, FĂNIȚĂ Georgeta - University of Craiova

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. ridiculer 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).