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REGIONAL DIFFERENCES IN THE LEVEL OF CONSUMPTION OF MINERAL FERTILIZERS IN POLAND

Abstract:

The article studied regional differences in the level of fertilization in Poland. Analyzed the potential factors influencing the differences in fertilization between voivodeships. In order to study regional differentiation in mineral fertilizers used cluster analysis (Ward's method). As a result of grouping objects received five clusters of of voivodeships. A group of of voivodeships differed in terms of the proposed features, while the voivodeships within the group were characterized by similar values of variables. The voivodship with the highest level of mineral fertilization characterized by the largest area of farms, the largest share of sowings in the agricultural area, the largest share of farms specializing in field crops and the largest level of calcium fertilization. It may be assumed that the farmers of these voivodeships have obtained the best results from agricultural activities, which favored investing in agricultural inputs.

Keywords:

consumption, mineral fertilizers, agricultural