TO THE PROBLEM OF ANALYTICAL ESTIMATION OF MINERAL FERTILIZERS EFFICIENCY AND ENVIRONMENTAL CONSTRAINTS OF ITS RATE

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It was justified feasibility of defining mineral fertilizers standards taking into account fertilizers loss of the main nutrients elements by crop yield. Thus it is also necessary to take into account the natural soil fertility and crop yield model sensitivity to the level of fertilization. It is proved that environmental limited fertilizer rate is equivalent to its value. In case of fertilizer reduction fertilizer efficiency increases as the crop part is formed by natural soil fertility, and deficit of basic elements is marked.

Key words: yield; nutrition elements; mineral fertilizer efficiency; mineral fertilizers; natural soil fertility; fertilization.

References