TO PROBLEMS OF IMPROVE THE DIAGNOSTICS OF POTASSIUM STATUS OF SOILS

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The aim of the work was to improve the system of diagnostics of potassium status of the soils of Ukraine. Method: statistical and mathematical automated data bank analysis. As a result was confirmed that the use of "hard" (with acidic extractors) methods of analysis without the account of soils texture leads to a significant distortion of the assessment of plants providing of potassium on these soils. As a result, it proposed a series of methods and techniques for more precise assessment of potassium state of concrete soils. Conclusions: The ways and methods to more accurately assess the condition of soil potassium.

Keywords: soil potassium nutrition, potassium status, diagnostics, chemical methods, particle size distribution, mathematical model.

References