UDC 631.48:631.618

INVESTIGATION OF HUMUS ACCUMULATION IN VARIOUS QUALITIES UNDER THE LITHOGENIC COMPOSITION TECHNOZEMS IN SOUTHERN STEPPE OF UKRAINE.

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Gaved the results of investigation of the processes of humus accumulation and transformation of plants phytomass in organic matter in the early stages of biological development of technozems formed on a potentially fertile rocks on reclaimed lands. Esteblished the dependence of the rate of accumulation of humus in various qualities models of technozems from saturation of crop rotation with perennial phytomelioration agrocenosis.

Reclaimed land, technozems, humus accumulation, phytomelioration.

Thus, accumulation and transformation processes (including humification) of organic matter in rocks for agricultural use in the early stages occur relatively rapidly, despite riznoyakisnist and heterogeneity of the material composition and some edaphic factors that limit the growing season.

For agricultural development tehnozemiv main process is the primary rruntohenezu humusonakopychennya, the rate of which depends not only on the structure and properties of tehnozemiv and bioclimatic potential of the territory, but also of possibilities fitomelioratyvnyh crops.

The quantity and quality of plant residues, entering the tehnozemy, is the main energy and substance and material for humusoutvorennya humusonakopychennya. Acceleration processes humusonakopychennya possible due to the saturation of rotation fitomelioratyvnymy legumes and legume-iconic multi farmland.