

ELEMENTS OF EVOLUTION OF TYPOGENETIC ELEMENTARY PROCESSES IN CHERNOZEMS FROM ORCHARDS

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Abstract

Surfaces used under orchards represent agricultural landscapes that engage cycle of substances and specific energy. This is materialized in different regimes and pedogenesis processes in the arable and forest lands. Among the features mentioned first of all hold the high degree of heterogeneity in space and hydrothermal and airhydic regimes. Therefore significant changes are suffering typogenetic processes: formation and accumulation of humus, carbonates migration and structure. At the same time in the soil is installed a stable trend of soil solution alcanization and transformational capacity reduction.

Key words: agricultural landscape, hydrothermal regimes, airhydic, elementary pedogenetic processes, humification processes, carbonates migration, structural-aggregate composition, transformational capacity
