

## عنوان مقاله:

Features of Environmentalization of Agricultural Land Use

## محل انتشار:

فصلنامه بین المللی مهندسی صنایع و تحقیقات تولید، دوره 33، شماره 1 (سال: 1400)

تعداد صفحات اصل مقاله: 10

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## خلاصه مقاله:

The article analyzes the ecological condition of the soil and identifies the main problems of the environmentalization of land use in Ukraine in the case of the Kharkiv region. Deterioration of the ecological condition of agricultural land, weakening of their erosion resistance, violation of the optimal structure of land, reduction of the content of humus and basic nutrients lead to a decrease in land productivity. In general, the current state of environmental safety of land is quite unsatisfactory, so it significantly reduces the quality and volume of agricultural production. The analysis of the situation and the forecast of the efficiency of soil fertility show that due to the sharp decrease in the application of organic and mineral fertilizers, insufficient implementation of forest reclamation, and anti-erosion measures, degradation processes have intensified in all areas. The problem with the balance of nutrients has become more acute, the acidity of the soil solution is increasing, the humus content is reducing, and the intensity of erosion processes has significantly increased. The main tasks of the environmentalization of agricultural land use involve measures for increasing soil fertility by limiting the use of intensive chemicalization of agriculture; measures for the application of the organic fertilizer to ensure a deficit-free balance of humus in the soil; measures for mechanization, chemicalization, land reclamation using the latest methods; anti-erosion measures and the use of new methods of tillage, liming, soil, and minimization of tillage. Thus, to ensure the formation of environmentally friendly agricultural land use, an important condition is the creation of a scientifically sound structure and optimization of the ratio of productive (arable land) and environmentally friendly (hayfields, pastures, wooded areas) land use. The main environmentally friendly elements of this structure include agro-ameliorative and forest-ameliorative measures that form the ecological framework of agro-landscapes and are the basis for providing favorable agro-environmental parameters for agricultural land

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