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## **ECOLOGICAL AND ECONOMIC EFFICIENCY OF LAND RESOURCES USAGE**

In modern conditions the necessity of ecological and economical efficiency of land resources usage is caused by fundamental manmade tension on the environment, which leads to substantial changes in the relationship between a human and nature. The evaluation of land resources usage in agriculture production has become an important issue. Modern processes of saving, usage and recreation of land resources fertility require a scientific approach for providing effective exploitation of land. Rational tenancy of the present potential of land resources in agriculture needs forming of effective output of economic structure aimed at saving ground fertility.

Economic mechanism of advantageous land usage includes the methods system, means, and motivation and key factors of the process regulation of ground usage. Economic mechanism is a complex of financial-economic tools of influence on material interests of economy subjects. Mentioned above mechanism is being established currently in our state and its disadvantage appeals in regulators with limited characteristics. To solve ecological problems, wider applying of regulators of stimulated-compensatory type should be implemented.

The efficiency of economic mechanism of rational agrarian land usage regulation will depend upon clear identifying of problems in the sphere of productive landsman and its protection in Ukraine. Social-economic, ecological and organizational aspects form an integrated structure that creates motivation of landowners and land users to provide rational usage, protection and recreation of land resources. The core of this structure must be based on the concept of stimulation, guarantee and sanctions.

Rising of ecological and economic efficiency of agrarian land usage and grounds fertility improvement can be reached by technology upgrading

of their cultivation, amendment adding, and water regime regulation and also by implementation of environment-friendly farming system. Rational land using complex also includes basic rotation of crops, which efficiency is defined by shift of crops and supplying of positive balance of organic agents in the ground, increasing its fertility. Owing to weak material-technical basis of small farms and their pointing on high quality agricultural goods, the rotation of crops hasn't been done in proper way nowadays.

Ecological and economic efficiency of agrarian land usage is completely measured by its size. Improvement of farming and hunting acreage structure and crops planting together with fundamental decreasing of negative human damages on environment and increasing its potential is considered as an important aspect of proper usage of land resources.

The main ways of ecological and economic efficiency of land usage are the following: complex scientific approach to the processes of usage, maintenance and recreation of agriculture lands fertility; completing the balanced ameliorative and protective arrangements considering peculiarities of the specific area climate; land fertility improvement (fertilizer agent adding, water regime regulation, improvement of land cultivation, implementation of environment-friendly systems of cultivation); improvement of agrarian lands structure and crops planting aimed to remarkable decreasing of the negative human influences on the environment and increasing its recreational potentials, as well as saving of all productive resources; creation of favorable conditions for loans which will give a possibility to hold ecological and economic consistence of the grounds in correct form.

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