

ASSESSMENT OF LOSSES DEGRADATION PROCESSES IN THE SOIL OF UKRAINE

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The methods of assessing damages from water erosion, humus loss and damage from burning plant residues. In calculating the damages from loss of humus vykorystovuvayetsya regulatory restore rate of humus, which is for chernozem soils \$ 150 for podzolic - \$ 200 t humus. Losses from burning plant residues asked to identify 5 articles.

***Water erosion, humus, environmental assessment of soil, soil degradation,
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Methods and criteria for the environmental assessment of soil. In determining damages must consider the cost of restoration due to degradation of humus how to assess damage from its direct loss and to assess the loss of humus from erosion and degradation of soil by burning organic residues. Definition of damage from degradation should be the basis for the imposition of penalties on the landowner or land user and the funds in the future be used exclusively to carry out soil-protecting measures. Estimation of economic damage is based on two main methods: direct and indirect counting score. Assessment of damages direct method requires the collection of large amounts of information and data. The indirect method involves the use of normative indicators.

For correct calculation of losses on land degradation should determine quantitative measure of the cost of restoration of humus, which can be used for assessment of losses from direct losses of humus due dehumufikatsiyi and losses of soil from erosion, burning nutrient residues and others. Performing principle - someone caused any damage to the environment, including cover, and he pays the

amount in determining the cost of damage, and not a penalty, as provided by applicable law of Ukraine. Zbytok erosion is determined by the value of its potential danger, giving grounds for warning sanctions. In addition, the application of sanctions in identifying the actual loss from erosion in the case of its potential danger.

In calculating losses dehumification vykorystovuyetsya regulatory restore rate of humus, which for the turf soil type is USD 150, with the dominance of podzolic type - \$ 200 t humus. Agricultural losses are determined by piles 5 items:

1 - the destruction or degeneration (transformation) of organic matter under high temperatures;

2 - deflationary destruction erosion hazards;

3 - the destruction of the remains nutritious as organic fertilizer sources restoring soil organic matter

4 - destroying the natural fauna, flora and microbial soil;

5 - Air pollution remains of combustion products.

The last two articles can combine into one - an article of external damage. Methods for calculating this article briefly presented, they are more careful in the list of uses of literature. The calculation of the potential erosion hazard Bulygin performed using a modified model of hydromechanical TS.YE. Mirtshulavy.

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