

ECOLOGICAL AND ECONOMIC SECURITY OF AGRICULTURAL ENTERPRISES AS A FACTOR OF SUSTAINABLE DEVELOPMENT

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The universe appears to us an open system. The components of the system are in constant interaction. Systems theory has been studied by many scientists in the world since ancient times. Each of them put some contribution to the concept.

Patterns of sustainable development and the transition from one state to another as a characteristic quality system is a common approach to all scientists different times. The development is a necessary condition for the existence of a certain subject in today's environment. Sustainable development requires the safety of the subject.

Branch of agriculture is one of the leading in Ukraine. Welfare of the country depends largely on the development of agriculture. Providing of economic safety of agricultural enterprises is important for the development of the industry and individual companies. The result of the agricultural enterprise depends on many factors external and internal environment.

Specificity of agriculture caused by its close relationship with the climatic conditions. Safety of agricultural enterprises considered only in terms of economic security by examining only economic performance so far. Economic factors have a significant impact on the safety of agricultural enterprises. But on the road to sustainable development should take into account the impact of environmental factors on the production process in agriculture.

World experience of sustainable development operation of agricultural enterprises originated in the 90s last century. Commission on Sustainable Development, UN (CEB) first considered this question at its third session in 1995, when she was awarded the slow pace of sustainable agriculture and rural development in many countries. The problem of sustainable agriculture has also been submitted for consideration in 1997 as part of the five-year review of the implementation of Agenda XXI century, agreed at the World Summit, held in 1996, the Summit of Food. The objective was reinforced by the adoption by the Heads of State and Government in September 2000 Millennium Declaration.

Model of ecologization the economy embodies the ideas of noosphere V.I. Vernadsky. In the second half of the last century in the international arena is increasingly referred to the relationship of economic and natural processes and the need to conduct ecologically oriented economy that was mentioned in the Declaration of the UN Conference (Rio de Janeiro, 1992.) And "Rio +20" (13 -15 June 2012. Rio de Janeiro, Brazil).

Conferences have been devoted to the sustainable development of the world

economy in close contact and interaction with the environment.

The National Center for business and cultural cooperation " Ukrainian House" November 7, 2013 was held a round table on " Integrating environmental component in the agricultural sector" (Kyiv). The meeting discussed a number of issues including: environmental component in the "Strategy of development of the agricultural sector for the period up to 2020".

So the link between economic and environmental factors in agriculture actively debated in the world. Path of sustainable development are searched. Thus the ecological and economic security, agriculture and individual farms appears essential to sustainable development.

Achieving the status of ecological and economic security of agricultural enterprises is possible with the effective implementation of the planning, production and the efficient implementation of production. To do so required in the analysis of the current state of the external and internal environment, taking into account possible future state of the system for introduction of the necessary changes to adapt to environmental changes.

The prediction of the system is possible with the information collected about the state of the environment in the past and present with its subsequent analysis and taking into account the characteristics of for doing agricultural activities.

Research, analysis and prediction of the behavior of ecological and economic security of agricultural enterprises will enable efficient operation and sustainable development of enterprises in particular, the agricultural sector single country and world agricultural production in general.

Environmental components of the security farms are a set of climatic environmental conditions: the quality of soil, light, heat and humidity of a given territory, the number of hours of sunshine, solar activity, the sum of active temperatures, rainfall, etc.

Depending on the condition of these conditions there is a large number of security threats result of agricultural activities. This is primarily drought, unfavorable conditions wintering of winter crops drought, heavy rains, storms, loss of winter crop plants and animals, mass propagation of parasites epizootic, epiphytotic pathogens of crops, etc. These are accompanied by a decrease in soil fertility, loss of crops, reducing grain reserves in the world and as a result of the deterioration of living and significant losses of agricultural.

Only early prediction of these phenomena may provide an opportunity to take measures to protect agricultural crops and ensuring ecological and economic security of farms.

The economic components of farm safety: the state of the economy of country and the world (financial, political, social, legal framework), performance (physical infrastructure, available resources, human resources, etc.), state consumer protection (consumer needs competitiveness of a particular type of product). A major risk factor is

the condition of the economic crisis, research and forecasting which since ancient times care researchers in the world.

Thus, the effective implementation of production processes of agricultural enterprises requires analysis of the current state of the external and internal environment, taking into account possible future state of the system.

Collecting and analyzing information on the status of ecological and economic security will enable prediction of the system in the future. Quick orientation and adaptation to environmental changes will enable the effective functioning and is essential for farms and agriculture in general.

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