

DESTINATIONS OF FOOD SECURITY THROUGH THE INTRODUCTION OF BIOTECHNOLOGY IN AGRICULTURE: INTERNATIONAL EXPERIENCE

Pylypenko K.A.

Candidate of Economic Sciences, Associate Professor of Accounting
Poltava State Agrarian Academy

We consider the development of agriculture and investigate that it nourished population. Highlighted causes that affect the development of agriculture. Studied importance of domestic agriculture in national food security. Studied international experience increased productivity of agricultural production in the developed countries, including through the introduction of biotechnology in plant and animal agriculture to improve their productivity and performance. It is proven that global food security as the value of the crop depends on climatic factors and methods of state regulation of agricultural markets and exports. It is indicated that Ukraine occupies a leading place among producers and exporters of grain crops and the factors that appeal to our country importers and producers of grain. Compared impact of rising food prices in the world in conjunction with existing in some developing countries food supply problems that threaten global food security.

The role of agriculture in providing complete nutrition and conditions to generate

an adequate level of income support for people's interests in the context of agriculture and measures to protect the environment are investigated. The research deals with a rational approach to the use of biodiversity in agriculture, which may contribute to further diversification of our food, diversification of livelihoods for rural communities and the development of more flexible and sustainable farming systems. Scientists studied various biotechnologies in agriculture. Grounded development of biotechnology in international politics by the US and the prospects for their implementation by domestic producers; importance of crops withdrawal of varieties with specific, desired characteristics for agriculture. Defined objectives of biotechnology that may become an important tool in the fight against hunger and ensure human food with increasing world population and improve their lives. We characterize the benefits of biotechnology and its impact to the terms of the stability of different types of environmental stress.