

QUALITY MANAGEMENT OF CROP PRODUCTION

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Under current conditions of environmental degradation and global pollution of the biosphere, the problem of quality of agricultural production goes to a leading place as it determines the quality of life. We know that today the quality of agricultural products produced in Ukraine, not always complies with the Ukrainian and even more so the international requirements.

In developed countries the methodology for quality and safety agricultural products based on the principle of control from the final product to predicting the possible negative impact and avoiding of them at the production stage, is actively considered. In Ukraine the methodology should be based on the principles of HACCP (Hazard Analysis and Critical Control Points), Council Directive EEC «On the hygiene of food» and other international regulations and should include particularly the following:

- analysis of hazards related to crop production and the development of measures required to hazards control;
- identification of critical stages and operations of technological process which must be controlled to eliminate hazards or minimize the possibility of their occurrence;
- development of monitoring system that will ensure control of critical operations of the technological process;
- development of methods for obtaining high quality products in various environmental growing conditions;
- development of procedures for determining the agricultural land suitability for obtaining high-quality and safe agricultural products.

Therefore the question on the development of methods for obtaining high-quality and safe plant products, that will meet international requirements and standards and will be competitive on the international market remains highly important as well as creating of quality map-schemes by soil and climatic zones based on which it will be possible to make recommendations for growing certain crops in specific regions that will provide the fullest use of agrobiopotential and a high-quality crop and high yield. It will help to reduce the number of illnesses caused by the consumption of spoiled food and reducing the volume of pesticides that adversely affect the environment and human health.

KEY WORDS: HACCP, crop production, environmental factors, monitoring process