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CERTIFICATON OF ORGANIC PRODUCTION

There are all prerequisites for broad implementation in agricultural production principles of organic farming: the presence of large areas of fertile soil in our country, low use of fertilizers and pesticides, a sufficient number of producers willing to produce organic agricultural products, and its potential customers, important scientific achievements in the field development of organic production.

As a result of the research was developed performance framework for organic production, taking into account soil and climatic characteristics of the territory and biological features of crops and determine the weight the contribution of each of the criteria on the impact of technology in growing crops: climatic indicators > soil fertility levels > potential varietal crops> phytosanitary condition of crops > accumulative and migration processes of pollutants in soil and trans locating processes toxins from soil to plants > quality and safety of plant products> Productivity > economic efficiency.

According to research was carried out a comprehensive assessment of agricultural land for their life conditions of organic agricultural production at local and regional levels. In addition, it was shown that the most vulnerable agricultural landscapes is the center and south of Ukraine, confirmed widespread in these areas processes of water erosion and deflation, which are covered under 45 — 90 percent of arable land. Such indicators should be considered when creating organic farms.

Scientific methodologically sound and the classified structure of indicators of environmental assessment for the impact on the climate, ecotoxicological, agrochemical, phytosanitary hydrochemical state of agro-ecosystems, quality and product safety and performance culture. What methodology will enable the introduction of organic production for environmentally friendly food that will meet international requirements and standards.

KEY WORDS: certification, organic production, environmental assessment