Increased attention to food security was due to the lack of reliable information about their impact on human life and health. And if the lack of useful properties of the product is not alarming, the presence of substances that could potentially cause negative effects requires special attention and immediate intervention in the production process in order to avoid them.

Food security must be considered at all levels of the economic system. First of all, it concerns the producers, where is laid it foundation. The main principle of food security is the production of high quality, environmentally friendly products, with the proper nutritional value for consumers.

The basic tools of achieving food security are the organizational and managerial actions. Their essence is to build the complex of operations focused on desired output parameters of product from the standpoint of food value at every stage of the production process.

At the same time, the organizational and managerial actions should be based on clearly defined list of tasks that must be performed to achieve the desired goals of the enterprise. The important factors in this regard are the willingness of enterprise’s management to perform innovative changes, the availability of properly qualified staff and possession of relevant information. Organization of producing safe products and monitoring its implementation eventually have to ensure efficient activity of the enterprise.

Thus, there is need for harmonization product quality and safety with expected results. Getting such characteristics of the product, in our opinion, is possible by using proper resource base, which forms the basis of safety first of all.

KEY WORDS: food security, GMO, nutritional value, organization, monitoring