

Monitoring the nutritional value and chemical safety of the main feeds of the Republic of Tatarstan according to the results of studies carried out in 2019

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Keywords: monitoring, assessment of feed nutritional value, farm animals feeding, physical and chemical methods of analysis, protein, dry matter, pesticides.

Abstract

Production of high-quality food of animal origin directly depends on the health of farm animals. Feeding of farm animals balanced in terms of nutrients is the most important condition for improving the quality of livestock production and its productivity. The productivity of animals depends on providing their organisms with all the necessary nutrients and biologically active substances. Along with the nutritional value, chemical safety of feed is also important for animals and humans. Pesticides have a special place among chemical toxicants. The article presents the monitoring of the nutritional value and chemical safety of the main feeds of agricultural producers of the Republic of Tatarstan, based on the results of their physical and chemical studies carried out in 2019 by of "FCTRBS". The feed was tested for content of crude protein, moisture, crude fat, crude fiber, ash, and pesticides in accordance with the test methods included in the scope of accreditation of Test Center. 94.4% of feed for farm animals in the Republic of Tatarstan meet the requirements for nutritional value and chemical safety, which are imposed on them by the current regulatory and technical documentation. Only 5.6% of the studied feeds did not meet the physical and chemical parameters (the content of crude protein, crude fat, moisture, ash). A comprehensive assessment of the results of physical and chemical studies shows that agricultural feed producers in the Republic of Tatarstan comply with the basic requirements of the normative and technical documentation for the nutritional value and chemical safety of feed for farm animals. The latter determines not only the quality of animal husbandry, but also its efficiency and productivity.

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