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ROLE OF FEED PRODUCTION IN MARKET CONDITIONS

Key words: fodder production, fodder, system, market, cost price, indicators of complex evaluation of fodder.

Abstract: The article examines the role of feed production in market conditions and the task of providing livestock industries with cheap and high-quality feed with insurance reserves, provides indicators for a comprehensive assessment of feed, due to the rational use of natural soil fertility, reducing the cost of feed and increasing the efficiency of their use in the conditions of market relationship.

Agriculture is an important sector for the economy of the republic. Its sustainable development, including feed production, is an important task in achieving food security. The efficiency of animal husbandry determines the rational use of feed, since the share of feed accounts for more than half of all costs for the production of animal products [1, 2].

The efficiency of animal husbandry and an increase in its production is possible with the creation of a solid forage base, the organization of scientifically grounded feeding. Therefore, the problem of providing animal husbandry with fodder can be solved on the basis of organizing intensive fodder production as an independent industry [1, 2].

Before forage production under market conditions in agriculture, the main task is to provide livestock sectors with cheap and high-quality forage with insurance reserves. Therefore, it is necessary to comprehensively investigate the state and directions of development of feed production and determine the ways of rational use of the material and technical base, natural resources of feed production, the environment, reducing energy consumption and identifying re-

serves for increasing the efficiency of this industry. At the same time, it became necessary to substantiate the organizational and economic mechanism of feed production in market conditions.

Improving the efficiency of feed production is possible with the introduction of intensive technologies, equipping the industry with specialized machines and feed storage facilities.

It is necessary to expand the sown area for protein crops, create and master a system of seed production, economically viable and ecologically justified specialized fodder crop rotations, green conveyors, hay and pasture rotations.

In the conditions of the republic, it is important that the production of feed is based not only on progressive technological directions, but also on the introduction of organizational and economic measures to reduce the cost of feed, figure 1.

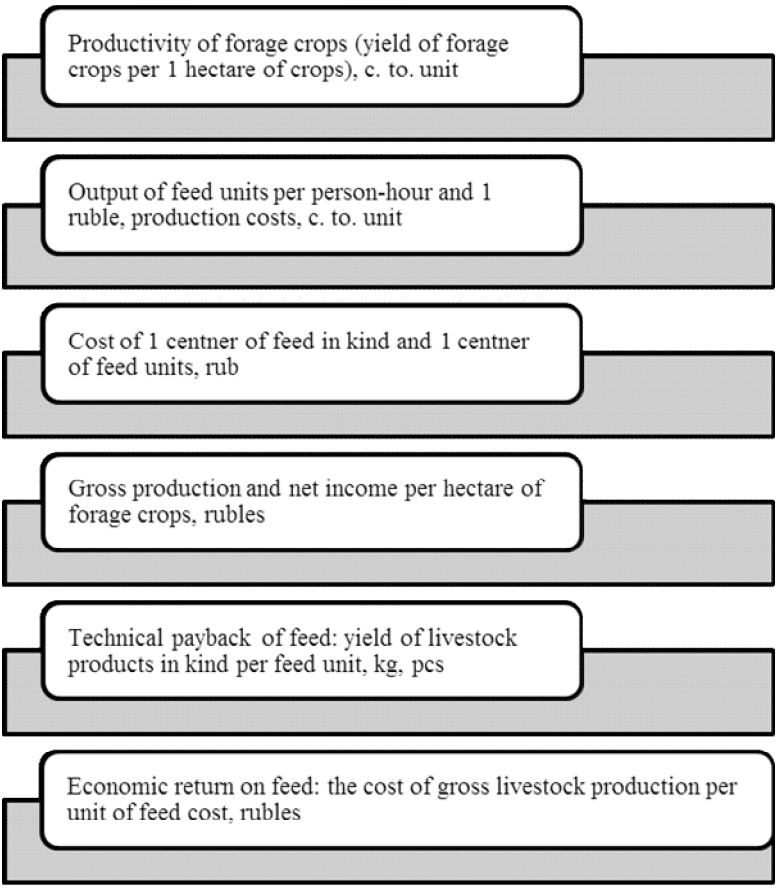

Figure 1. Indicators of a comprehensive economic assessment of feed

In the republic, the efficiency of fodder production is influenced by:

natural – agrotechnical conditions, soil quality of farmland, plowing of land;

agrotechnical – a system of fertilizers and liming of acidic soils, the development of crop rotations, compliance with the optimal timing of harvesting, the introduction of intensive varieties of crops, plant protection products, production technology, storage and use of crops (feed);

economic – the level of specialization of fodder production and animal husbandry, capital supply of production and capital-labor ratio, labor supply, organization of production, labor and its payment, structure of fodder production, organization of grassland farming and industrial processing of fodder;

social.

The combination of the above conditions ensures the creation of a solid forage base and effective management of forage production.

The directions for increasing the efficiency of feed production (increasing production, quality, profitability, reducing costs and resource intensity) are:

increasing the productivity of the forage area by optimizing the structure of forage production and selecting effective forage crops;

introduction of highly productive varieties of forage crops and improvement of natural hayfields and pastures;

introduction of advanced technologies for production, procurement, storage and improvement of the material and technical base of feed production.

improving the preparation of industrial feed, organization of production, labor and payment on the basis of intra-farm and inter-farm cooperation, industry integration, etc.

Due to the rational use of natural soil fertility, reducing the cost of feed and increasing the efficiency of their use, increasing the profitability of livestock products, it is possible to increase the efficiency of feed production in the context of the formation of market relations.

To increase the efficiency of feed production and the use of resource-saving feed production technologies, when assessing feed resources and intensive technologies, it is necessary to use a comprehensive assessment system for the following indicators: natural, labor, cost and bioenergy and take into account the profitability of feed through the final results of animal husbandry. Improving the efficiency of feed production will help with their rational and productive use in animal husbandry.

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КОМПЛЕКС ТЕХНИЧЕСКИХ РЕШЕНИЙ, ПОВЫШАЮЩИХ БЕЗОПАСНОСТЬ РАБОТЫ ЗЕРНОУБОРОЧНОГО КОМБАЙНА ПОД ЛИНИЯМИ ЭЛЕКТРОПЕРЕДАЧ

Ключевые слова: комбайн, линии электропередач, фотограмметрия, ультразвук, электродвижущая сила
Key words: harvester, overhead power line, photogrammetry, ultrasound, electromotive force

Аннотация: В статье предлагаются технические решения, которые помогут обезопасить работу комбайна под ЛЭП.
Abstract: The article proposes technical solutions that will help to secure the operation of the harvester under power lines.

Часто происходят ситуации, когда при проведении сельскохозяйственных работ вблизи линий электропередач (ЛЭП) комбайн приближается на недопустимое к ним расстояние, и ежегодно по незнанию или пренебрежению правил охраны труда работниками и халатного отношения со стороны руководителей сельскохозяйственных предприятий, происходят несчастные случаи, связанные с поражением механизаторов электрическим током. Помимо проводимого инструктажа и изучение работниками необходимых приемов по оказанию первой помощи и технике безопасности, на помощь приходят технические решения.

Для решения данной проблемы предлагаются следующие технические решения.