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## SOME PROBLEMS OF ANIMAL HUSBANDRY DEVELOPMENT IN CURRENT CONDITIONS

Onuoha M. I.

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Animal husbandry involves the rearing, breeding, and care of animals for purposes like food production, companionship, and research. It focuses on managing livestock, ensuring their well-being, and optimizing productivity, which include selection and breeding, proper housing, nutrition, disease control, and ethical treatment. Animal welfare and sustainable practices are central to responsible animal husbandry, which contributes to safe and high-quality animal products for human use. Through effective management practices, animal husbandry aims to optimize animal health, productivity, and welfare. It involves selecting suitable breeding stock, ensuring appropriate nutrition and housing, implementing disease prevention measures, and promoting ethical treatment.

*Keywords: animal husbandry; disease control; ethical treatment safe and high-quality animal products; sustainable practices.*

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## НЕКОТОРЫЕ ПРОБЛЕМЫ РАЗВИТИЯ ЖИВОТНОВОДСТВА В СОВРЕМЕННЫХ УСЛОВИЯХ

Онуоха М. И.

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Животноводство включает в себя выращивание, разведение и уход за животными для таких целей, как производство продуктов питания, изучение и приятное времяпрепровождение. Основное внимание уделяется управлению домашним скотом, обеспечению его благополучия и оптимизации продуктивности, что включает в себя селекцию и разведение, правильное содержание, питание, борьбу с болезнями и этическое обращение. Благополучие животных и устойчивая практика занимают центральное место в ответственном животноводстве, которое способствует производству безопасных и высококачественных продуктов животного происхождения для использования человеком. Благодаря эффективным методам управления животноводство стремится оптимизировать здоровье, продуктивность и благополучие животных. Это включает в себя выбор подходящего племенного поголовья, обеспечение надлежащего питания и содержания, реализацию мер по профилактике заболеваний и поощрение этического обращения.

*Ключевые слова: животноводство; контроль заболеваний; этическое обращение с безопасной и качественной животноводческой продукцией; устойчивые практики.*

This introduction provides a glimpse into the multifaceted nature of animal husbandry, highlighting its significance in meeting human needs, promoting animal welfare, and ensuring the sustainable utilization of animals in various sectors. Sustainable and responsible animal husbandry practices are crucial for long-term environmental and economic sustainability. They emphasize minimizing environmental impact, conserving resources, and addressing concerns related to animal welfare and public health. Animal husbandry encompasses several important aspects such as: ensuring the production of safe and high-quality animal products, implementing disease control measures, and promoting ethical treatment of animals.

Lack of available feed resources is a common challenge that hinders the progress of livestock production. Natural disasters like floods and droughts exacerbate this issue by causing food and feed shortages.

In addition, foreign economic activity is one of the components of the national interests of the country, so this direction is experiencing internal and external political influence. This is logical and understandable: each country primarily pursues its own goals and protects its own economic interests and the interests of its producers by influencing the quantity, quality, prices of imported and exported goods.

Among these disasters, drought is particularly destructive, leading to significant vegetation loss. On average, drought affects around 30-40% of cultivated areas. Additionally, drought restricts plant growth rates, further contributing to feed scarcity. Consequently, regions affected by drought experience a severe shortage of feed and fodder. To address this issue, it is crucial to develop feeding strategies that support the development and productivity of animals. These strategies should be tailored to the specific conditions and resources available in each area. Farmers must consider economic factors, nutritional knowledge, and the availability of forage resources in challenging climatic conditions when making feeding decisions. The process of feed preparation, such as canned or chemically treated ones, possess unique nutritional properties that impact the animal's body, milk production, and weight gain differently, cannot be separated from animal digestion and metabolism. However, improper use of these feeds can have adverse effects on animal physiology, productivity, and overall health. In this work, the focus is not only on the concentration of various substances in the feed but also on their influence on animal productivity.

The main key aspects of animal husbandry, highlighting their significance and implications for sustainable and responsible agricultural practices:

1. Safe and high-quality animal products.
2. Disease control.
3. Ethical treatment.

If we speak about safe and high-quality animal products the main critical aspect of animal is the production of safe and high-quality animal products. Through the implementation of proper hygiene practices, quality control measures, and adherence to regulations, farmers can ensure that animal products, such as meat, milk, and eggs, meet the required safety standards for human consumption. Regular testing and monitoring for contaminants, such as antibiotics or chemical residues, are essential to maintain the quality and safety of animal products.

Ensuring the safety and quality of animal products is not only important for consumer health but also for maintaining public trust in the agricultural industry. Farmers must follow good agricultural practices, including proper handling, storage, and processing techniques, to minimize the risk of contamination. Continuous education and training on food safety practices are essential for farmers and farm workers to maintain high standards of production and ensure the delivery of safe and nutritious animal products to consumers.

Disease prevention and control also play a crucial role in animal husbandry to maintain the health and well-being of animals. Implementing vaccination programs, regular health monitoring, and biosecurity measures can help prevent the outbreak and spread of diseases within livestock populations. Additionally, quarantine protocols for introducing new animals to the farm can help prevent the introduction of diseases from outside sources.

Disease control in animal husbandry is a complex task that requires a multi-faceted approach. It involves collaboration between farmers, veterinarians, and animal health authorities. Regular veterinary inspections, prompt diagnosis of diseases, and appropriate treatment protocols are crucial in managing and controlling disease outbreaks. Farmers should also practice good biosecurity measures, such as limiting access to the farm, proper waste management, and maintaining clean and sanitary living conditions for animals. Timely vaccination and appropriate use of medications can help prevent the occurrence and spread of diseases, ensuring the overall health and productivity of livestock.

Ethical treatment of animals is an integral part of responsible animal husbandry. It involves providing animals with proper care, suitable living conditions, access to clean water, nutritious feed, and appropriate medical attention when needed. It also includes handling animals in a humane and respectful manner, minimizing stress, and avoiding unnecessary suffering.

Ethical treatment of animals not only aligns with societal values but also has positive implications for animal health, welfare, and productivity. Providing animals with a comfortable and enriched environment, allowing for natural behaviors, and minimizing stress can lead to improved overall well-being. This, in turn, can positively impact productivity, such as milk yield, reproduction, and growth rates. Educating farmers and farm workers about animal welfare standards and best practices is crucial for promoting ethical treatment throughout the industry.

Finally in conclusion, ensuring the production of safe and high-quality animal products, implementing disease control measures, and promoting ethical treatment are essential components of animal husbandry. These aspects contribute to the well-being of animals, the protection of public health, and the sustainability of the agricultural industry. Continued research, education, and collaboration among stakeholders are vital for further advancements in these areas and the overall improvement of animal husbandry practices.

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