

Brief Analysis of the Development of Livestock Economy in Qiqihar City under the Rural Revitalization Strategy

Hao Caihong

Branch of Animal Husbandry and Veterinary of Heilongjiang Academy of Agricultural Sciences, Qiqihar, China

Keywords: Rural animal husbandry, farmers to increase income, positive effect

Abstract: With the continuous development of the local economy, the rural economic strength is constantly improving, and the speed of development is accelerating. In order to systematically improve the level of rural economic development, in the development of animal husbandry, it is necessary to combine the actual situation of each village, according to local conditions, from the development of rural animal husbandry, analyze the common problems, put forward applicable countermeasures, study the impact of rural animal husbandry development on farmers' income. This paper introduces the development status of animal husbandry economy in Qiqihar, analyzes the problems in Jilin Province, and finally discusses the countermeasures and suggestions of animal husbandry economy under the rural revitalization strategy.

1. Rural revitalization strategy and livestock economic development.

1.1 Regional revitalization strategy

The key to improving people's livelihood is to solve problems in agriculture, agriculture, rural areas and farmers.

Agriculture is an important industry to increase farmers' income, ensure national food security and build livable homes. From the perspective of policy and system, the state guides the people to prosperity, which points out the direction for party committees and governments at all levels to build a harmonious society. To realize the great rejuvenation of the nation.

1.2 Economic development of animal husbandry in China

In recent years, with the improvement of breeding technology and people's living standards, the comprehensive production capacity of animal husbandry in China has been gradually enhanced, which plays an important role in rural development. Increase the income of farmers and herdsmen." National Opinions on promoting the quality development of animal husbandry" stressed the need to comprehensively improve the quality development capacity of animal husbandry, to ensure the supply of livestock and poultry products. We will continue to learn and apply the new development concept, take supply-side structural reform in agriculture as the main axis of development, transform the new development model, vigorously strengthen scientific and technological

innovation, and strengthen institutional, policy and legal support. Public protection. Strengthen the construction of modern livestock and poultry breeding, animal disease prevention and control, processing and circulation and other related systems, and vigorously improve the quality and efficiency of animal husbandry production and industrial competitiveness.

2. The development status of animal husbandry economy in Qiqihar city

2.1 Animal husbandry plays an important role in increasing farmers' income and coordinating regional economic development.

According to the China Animal Husbandry Information Network, in the first quarter of 2022, the Qiqihar pig inventory recovered to 13.906 million head. In the same period of 2018, it was 101.4%, up 29.7 percentage points from the same period of last year. Jilin City is the main commodity grain production and processing base in China, and agricultural production occupies an important position in the country. Qiqihar city is rich in feed and grain resources, with obvious comparative advantages, especially for pigs, broilers, layers and other grain-based animal husbandry. The western part of Qiqihar has vast grassland, natural resources and other pastures, and the eastern part is rich in natural resources such as forest and underforest, which has the basic advantages of grain saving development. In particular, the characteristic industrial products of Qiqihar city, such as riverside cattle, grassland red cattle, black pigs, mink, fox, raccoon dogs, rabbits and bees, enjoy a high reputation in the market.

2.2 Complicated industrial structure

The city vigorously supports the development of animal husbandry-related industries, and encourages large-scale animal husbandry farmers, industrial cooperative groups, and large-scale family farms^[1].

Focusing on expanding the scale of breeding, we will actively encourage the construction of new standardized farms and help large-scale farms to carry out standardized transformation to meet the new development requirements. Vigorously encourage and help the city's key animal husbandry enterprises to build high-standard modern livestock and poultry breeding bases, and give point-to-point support, especially in the construction of facilities for the efficient utilization of fertilizer resources. Under the condition of the construction and upgrading of the animal husbandry industry structure, the whole city actively carry out animal husbandry? Breeding, transportation, product processing and market integration demonstration project, and actively build animal husbandry related industrial chain. In 2022, five breeding farms in Qiqihar will be assessed as standardized demonstration farms for livestock and poultry breeding by the Ministry of Agriculture and Rural Affairs.

2.3 Significant progress was made in the prevention and control of major animal diseases

Every spring and autumn, Qiqihar city steadily promotes the prevention and control of major animal diseases, actively deploys publicity, and strengthens monitoring.

Physical strength. Compulsory immunization against epidemics should achieve 100% herd immunity of livestock and poultry, especially foot-and-mouth disease and avian influenza, to meet the standard of full immunization. According to the latest data, the city's immune antibody rate reached 68%. In order to ensure the overall situation of animal epidemic prevention in Qiqihar, we strengthened the follow-up comprehensive prevention and control measures, and made active plans and proper response to animal diseases such as anthrax, H7N9 influenza and plague. Small

ruminants and other emergencies. In the supervision process, we will focus on strengthening the supervision and law enforcement of animal health, and strictly control the quarantine and acceptance rate of livestock and poultry producing areas, the supervision of animal epidemic prevention conditions, and the quality and safety of livestock and poultry products. The coverage rate of livestock and poultry quarantine certificate and the rate of pig slaughter quarantine all reached the standard. In order to speed up the planning and construction of foot-and-mouth disease vaccination area in Qiqihar and promote coordination with the government, the Implementation Plan of foot-and-mouth disease vaccination Area in Qiqihar was formulated. We will strengthen management and line guidance, build related hardware and software, focus on monitoring and early warning, and promote compulsory vaccination. The four systems of emergency management and animal health supervision were rapidly established and developed coordinated^[2].

2.4 Livestock and poultry quality and safety

Qiqihar has long attached great importance to the quality and safety of livestock products, and adhered to the "strive not to let the quality and safety of livestock products become a big problem".

With the working policy of "cause", actively implement the supervision of quality and safety of livestock products, do a good job in the administrative management of quality and safety of livestock products, and carry out comprehensive supervision over inspection, testing, supervision and law enforcement. We will accelerate the establishment of a supervision system for the quality and safety of livestock products. The construction of product quality and safety traceability system improves the quality and safety management ability of animal husbandry production, improves the quality and safety level of livestock and poultry in the city, and significantly improves the level of breeding management. In the actual process of law enforcement, the "clenbuterol" monitoring, veterinary drugs, feed, raw milk, animal husbandry, agricultural materials and many other rectification problems have been implemented^[3]. In accordance with laws and regulations, we will carry out supervision and management of the "collection, storage and transportation", strengthen publicity and inspection activities, and completely ban the illegal addition of toxic and harmful chemical substances.

3. Problems existing in the development of animal husbandry in Qiqihar city

3.1 Lack of funds and land resources

The financial institutions that support the development of agriculture, rural areas and farmers in Qiqihar mainly include the Municipal Agricultural Bank of China, the Municipal Agricultural Development Bank and the Municipal Rural Credit Union. From the actual situation of fund management and operation, there are more funds related to farming and more funds for breeding industry.

Less than in the actual livestock-related capital financing, animal husbandry financing has the characteristics of high margin, short financing cycle, high interest rate, small loan amount and so on, which obviously does not meet the requirements of promoting the development of animal husbandry production. Held back the healthy development of animal husbandry. In terms of land use, the government will use land for commercial breeding of livestock and poultry houses, organic matter treatment and other production facilities land, green land.

Influenced by land distribution, land nature and quarantine conditions, land assessment and audit, land for scale breeding is short^[4].

3.2 Increasing risk of animal disease prevention and control

With the development of economic globalization and frequent animal outbreaks at home and abroad, the border of Qiqihar is long, and the pressure of epidemic prevention and control is constant.

Acquire. In the actual production and life, animal diseases restrict the healthy development of Jilin livestock and poultry industry. In August 2018, ASF was found in China for the first time, and it spread to the whole country in a short period of time, seriously affecting the stable development of the pig breeding industry in Qiqihar. In 2020, the COVID-19 outbreak will put great pressure on the livestock market supply. Breeding and breeding process of livestock and poultry farms is not standardized and slow, resulting in the implementation of animal disease prevention and control work is not in place."In addition, the slow development process of epidemic prevention vaccines and the frequent variation of animal diseases have also increased the difficulty of epidemic prevention and control.

3.3 Quality and safety risks of livestock and poultry

The quality and safety of livestock products is related to the production and life safety of the people^[5].

With the rapid development of society, breeding, input, slaughtering, processing and storage, the challenge and difficulty of livestock product quality control are increasing year by year. In recent years, Qiqihar has implemented the "Pollution-free Animal Products Action Plan", and achieved some achievements in the production of pollution-free animal products, but the phenomenon of blind use is serious. Farmers evade supervision and add excessive prohibited veterinary drugs and pharmaceutical additives to promote animal growth, seriously affecting people's health and social stability, and having a significant negative impact on development. These drugs and heavy metals are deposited in animals and can cause health hazards when ingested by humans.

3.4 Environmental issues

With the increasingly prominent ecological environment problems, the country's environmental requirements for aquaculture industry are gradually improving. The regulatory layer is gradually raising the breeding standards of breeding, breeding enterprises only to meet the requirements of environmental protection, can carry out environmental assessment, environmental assessment, only through the eia, can build breeding enterprises.

Plant and breeding companies are under increasing pressure to protect the environment. At present, most of the environmental protection facilities in the farms are not up to standard, the phenomenon of illegal hormone injection in the farms still exists, and livestock and poultry manure pollutes the ecological environment, water resources, air, etc., Settlement occurs in the soil, further destroy the ecological balance, and ultimately threaten human life and health.

4. Qiqihar city animal husbandry economic development suggestions.

4.1 Strengthen policy support.

In order to increase the relevant policy support, Qiqihar city should carefully study the national preferential policies to promote the development of animal husbandry economy.

In accordance with local conditions, we will study and formulate targeted supporting policies to ensure that relevant preferential policies are implemented. In the allocation of animal husbandry

funds, the city should consider various aspects, coordinate various fund projects, strengthen animal husbandry and benefit animal husbandry, and increase the investment of key projects. Carefully inspect and supervise the use of animal husbandry investment projects and related funds to improve the efficiency of the use of animal husbandry funds. Actively invest in animal husbandry-related industries, and further expand and attract social industrial and commercial capital to support the healthy development of animal husbandry. We will adjust the financial support for agriculture.

4.2 Strengthen the construction of the whole industry chain of animal husbandry and the standardization of breeding farms.

It is an important measure to coordinate the synchronous development of the whole animal husbandry industry to ensure the healthy development of modern animal husbandry. Promoting innovation of animal husbandry management mode, highlight the city's pigs, broilers, meat, sheep, beef cattle, cows and sika deer with location advantage characteristics of animal husbandry industry, focus on the implementation of large projects and large enterprises, based in county carrier, and adhere to the market demand orientation, both brand awareness, actively take fusion, alliance new development, mode, optimization and integration of related industry resources, achieve scale breeding standardization, promote the coordinated development of animal husbandry whole animal husbandry industry chain. Follow the national and municipal animal husbandry industrialization leading enterprises, actively carry out new animal husbandry industry chain construction, key national animal husbandry industrialization leading enterprises, combined with the practical situation of local development, speed up the upgrading of leading enterprises, steadily push forward leading enterprises walk the road of deep processing and series product development, enhance the core competitiveness of breeding processing enterprises. Focus on the introduction of large animal husbandry industrialization projects, highlight the industrialization projects under construction, and actively coordinate and cooperate with various aspects to promote the completion and production of the projects under construction as soon as possible, so as to achieve the expected results. Efforts will be made to promote local deep processing of animal husbandry by-products, scientifically extend the industrial chain, and maximize the added value of products. We should give full play to the guiding role of project investment, make rational use of the main producing areas with advantages in breeding and processing, integrate relevant industrial resources, increase production capacity and broaden the industrial chain, and actively build the whole industrial chain. Strengthen the coordination of relevant industries, strengthen the breeding, processing, marketing enterprises.

Industry joint venture, solid and effective strategic cooperation, improve technology, innovation, eliminate backward production capacity, further promote the improvement of animal husbandry production technology, animal husbandry product replacement, animal husbandry industry upgrading.

4.3 Strengthen the construction of animal epidemic prevention supervision and product quality testing system.

Animal epidemic prevention and control and the quality and safety of animal products are related to the healthy development of animal husbandry industry. Only by steadily improving the prevention and control of animal diseases and the quality and safety inspection and supervision of animal products, and ensuring the sustainable and healthy development of modern animal husbandry, can we ensure the healthy life of the people.

To strengthen the construction of the animal epidemic prevention supervision system, staffing the personnel, and resolutely do a good job in the prevention and control of animal diseases, this is the basic guarantee for the development of animal husbandry. We will strictly implement

supervision and inspection measures, improve and improve relevant supervision systems, and in particular, strengthen animal immunization, epidemic situation, monitoring and early warning, animal health supervision and emergency management, so as to enhance our comprehensive prevention and control capabilities. Strengthen the supervision of the quality and safety of livestock products, carry out the construction of livestock product quality and safety demonstration areas within the city, increase publicity and problem investigation, encourage and support key leading animal husbandry processing enterprises and major animal husbandry production counties to carry out the construction of demonstration areas, and constantly summarize the experience of epidemic prevention and monitoring in the demonstration areas.

Acknowledgement

This work was supported by Qiqihar Science and Technology Plan Key project: Research and promotion of efficient mutton sheep embryo cryopreservation technology, ZDTG—202201.

References

- [1] Deng Shuyong, Liang Liyan. Exploring the promoting role of animal husbandry on the implementation of rural revitalization strategy [J]. *Farmer's Wealth Consultant*, 2020 (2): 158.
- [2] Peng Shiwei. Thoughts on the development of beef cattle industrialization in Ninger County [J]. *Contemporary Animal Husbandry*, 2020 (5): 52-54.
- [3] Hou Junqi. The promoting role of agricultural economic management on rural economic development [J]. *Consumer Guide*, 2019 (26): 202-203.
- [4] Chongqing Bureau of Statistics, Chongqing Survey Team of National Bureau of Statistics. *Chongqing Statistical Yearbook 2018* [M]. Beijing: China Statistics Press, 2018.
- [5] Chongqing Bureau of Statistics, Chongqing Survey Team of National Bureau of Statistics. *Chongqing Statistical Yearbook 2019* [M]. Beijing: China Statistics Press, 2019.