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Abstract. This study aims to explore the impact of new rural cooperatives on the implementation of China's rural revitalisation strategy, focusing on the roles and challenges of new cooperatives in promoting agricultural modernisation, facilitating the optimisation of socio-economic structures, and achieving an ecological civilisation. Through literature review, case study analysis and field research, this study comprehensively assesses the importance and impact of new rural cooperatives in rural revitalisation. The study finds that new rural cooperatives have significantly improved agricultural productivity and product quality and contributed to agricultural modernisation by pooling farmers' efforts and introducing modern agricultural technologies and management models. These cooperatives have also contributed to the optimisation of rural socio-economic structures by providing employment opportunities, skills training and increasing farmers' incomes. In addition, co-operatives have demonstrated a positive role in promoting rural ecological environment protection and sustainable development, such as promoting green agriculture, conserving resources and protecting the ecological environment. At the same time, this study also points out the challenges faced by new rural co-operatives in the process of development, including management and operational efficiency, market adaptability, balance between environmental protection and sustainable development, fund raising and resource allocation. In response to these challenges, the study proposes a series of countermeasures, such as strengthening the internal management of cooperatives, broadening market channels, promoting environmentally friendly agricultural practices, enhancing the effective use of funds and resources, and strengthening policy support and guidance. Overall, new rural cooperatives play an important role in promoting rural revitalisation strategies, and their successful experiences and challenges are of great reference value in guiding the implementation of rural revitalisation strategies. Through an in-depth study of new rural cooperatives, this paper provides practical insights and suggestions for policymakers, cooperative managers and rural development researchers.

Keywords: New Rural Cooperatives; Rural Revitalisation Strategy; Agricultural Modernisation; Optimisation of Socio-Economic Structure; Ecological Civilisation Building.

1. Introduction

In the context of today's socio-economic development, the strategy of rural revitalisation is particularly important. As urbanisation accelerates, China's rural areas are facing many challenges, such as an ageing population, loss of labour and unbalanced economic development. To address these issues, the government has put forward the Rural Revitalisation Strategy, which aims to comprehensively enhance the economic, social, cultural and ecological environment of rural areas and achieve comprehensive rural revitalization [1]. In this strategy, new rural co-operatives play an extremely important role. As an innovative organisational model, new rural cooperatives not only promote the modernisation of agriculture, but also the economic and social development of rural communities.

The emergence and development of new rural cooperatives are of great significance in promoting the optimisation of the rural economic structure, increasing farmers' incomes and promoting sustainable agricultural development [2]. By integrating resources, upgrading agricultural technology and strengthening market connections, they have effectively promoted the scaling up and modernisation
of agricultural production, helping to improve the quality and competitiveness of agricultural products. In addition, these cooperatives play an important role in promoting rural community participation and enhancing farmers' control over agricultural production, thereby accelerating rural revitalisation at the social and cultural levels. However, new rural cooperatives also face some challenges in promoting rural revitalization [3]. For example, there are certain problems in the internal management mechanism of cooperatives, the efficiency of fund-raising and use, and the ability to compete in the market. In order to better play the role of new rural cooperatives in the strategy of rural revitalization, it is necessary to conduct in-depth studies and analyses of these challenges and to identify effective ways to address them.

2. Characteristics and Role of New Rural Cooperatives

New rural cooperatives are a key innovation in the process of modernising Chinese agriculture and the countryside. They have not only changed the mode of production and management in rural areas, but have also contributed to the overall development of rural society [4]. By integrating rural resources and adopting advanced management concepts and technologies, these cooperatives have brought unprecedented development opportunities to rural China.

First, a distinctive feature of new rural cooperatives is their organisational structure and management model. Compared with traditional farmers' cooperatives, the new types of cooperatives are more market-oriented and emphasize common interests and resource-sharing among cooperative members. This model has enhanced the voice of farmers in the agricultural production process and improved the efficiency and effectiveness of agricultural production [5]. At the same time, new cooperatives have also actively introduced modern enterprise management methods, such as establishing a sound financial management system and applying marketing strategies, practices that have greatly enhanced the market competitiveness of cooperatives.

New rural cooperatives have played an important role in promoting agricultural modernisation. Through the introduction of advanced agricultural technology and equipment, cooperatives have improved the quality and yield of agricultural products and accelerated the transformation of agricultural production methods from traditional to modern. In addition, cooperatives have promoted the innovation and application of agricultural science and technology through cooperation with scientific research institutions and institutions of higher learning, injecting new vigour into traditional agriculture [6]. In these ways, new rural cooperatives have effectively promoted the sustainable development of agriculture and improved its overall competitiveness.

In terms of socio-economic development, new rural co-operatives also play an indispensable role. They not only provide farmers with more employment opportunities, but also improve their living standards by increasing their incomes. By operating collectively, cooperatives are better able to cope with market risks and protect the interests of farmers [7]. At the same time, while promoting the development of the rural collective economy, cooperatives also actively participate in the management of rural public affairs and community services, enhancing the cohesion and cultural vitality of rural communities. In addition, new rural cooperatives have contributed to the promotion of rural ecological civilization [8]. Many cooperatives have adopted environmentally friendly agricultural production methods, such as the promotion of organic agriculture and the implementation of water-saving irrigation, which not only enhance the sustainability of agriculture but also help to protect and improve the rural environment [9]. Through these practices, new rural cooperatives have demonstrated how to strike a balance between economic development and ecological protection.

3. Interaction between New Rural Cooperatives and Rural Revitalisation

The interaction between new rural cooperatives and rural revitalization constitutes one of the core driving forces of rural development in China. In the strategy of rural revitalization, new rural cooperatives are not only an important vehicle for promoting agricultural modernization, but also a
key force in promoting the optimization of rural socio-economic structures. Through the development and innovation of these cooperatives, rural areas are undergoing unprecedented transformation [10].

First, new rural cooperatives play a pivotal role in promoting agricultural modernisation. By adopting advanced agricultural technologies and management methods, these cooperatives have improved the efficiency of agricultural production and the quality of products, helping to meet growing market demand. Through collective management, cooperatives are able to allocate resources more effectively and achieve large-scale production, thereby enhancing the overall competitiveness of the agricultural industry. In addition, the new rural co-operatives are also committed to agricultural science and technology innovation, cooperating with research institutes on variety improvement, pest control, etc., and continuously promoting the development of agriculture to a higher level.

New rural cooperatives also play an irreplaceable role in promoting the optimisation of the social and economic structure of villages. Through the provision of diversified employment opportunities and training programmes, cooperatives have helped to upgrade farmers' skills and increase their incomes, thereby improving the quality of life of rural residents. The development of cooperatives has also contributed to the diversification of industries in rural areas, such as the development of leisure agriculture, rural tourism and other new industries, which have injected new vitality into the rural economy [11]. In addition, cooperatives also play an important role in promoting the construction of social services and public facilities in rural areas, such as participating in the construction of rural education, medical care and culture, effectively enhancing the comprehensive strength of rural communities.

The role of new rural cooperatives in promoting the building of an ecological civilization should also not be overlooked. Against the backdrop of the current global challenges of environmental problems and sustainable development, cooperatives have effectively reduced the negative impact of agricultural production on the environment through the implementation of green production and ecological agriculture. Many cooperatives actively promote organic agriculture, water-saving irrigation techniques and the use of clean energy, which not only enhance the environmental friendliness of agriculture but also help to protect and improve the rural ecological environment.

In conclusion, new rural cooperatives play multiple roles in the rural revitalisation strategy. They are not only an important force in promoting agricultural modernisation, but also key players in promoting the optimisation of rural socio-economic structures and the building of an ecological civilisation. Through the efforts of these cooperatives, the comprehensive strength of rural areas has been significantly enhanced, the quality of life of farmers has been improved, and the sustainable development of rural areas has been ensured. As the role of new rural cooperatives in rural revitalization continues to grow, they will play an even more important role in promoting the overall development and progress of rural China.

4. Case Studies and Applied Research

Through an in-depth study of a specific A-cooperative, we are able to gain a clearer understanding of how new rural cooperatives can influence rural revitalisation in practice, as well as the challenges and successes encountered in the implementation process. In this section, we will select a typical new rural co-operative in a certain region of China as the subject of our study and explore in depth the role it has played in promoting local rural revitalisation.

First, Co-operative A's innovation in agricultural production and management is the key to its success. By introducing advanced agricultural technologies and equipment, Co-op A has significantly improved the yield and quality of its agricultural products. For example, by using modern greenhouses and irrigation systems, the cooperative has effectively increased crop output while reducing the impact of weather and seasonal variations. In addition, the cooperative has adopted an information management system to optimize resource allocation and improve operational efficiency [12].
In promoting structural transformation of the socio-economic structure, the cooperative has effectively promoted the transformation and upgrading of the rural labour force by providing local farmers with employment opportunities and skills training. Cooperative A not only provides farmers with a stable source of income, but also improves their agricultural skills and management capabilities through training, thus enhancing farmers' participation in and control over agricultural production. In addition, Co-operative A has actively explored agricultural diversification, such as the development of leisure agriculture and rural tourism, adding new growth points to the rural economy.

Environmental protection and sustainable development are areas to which the cooperative attaches particular importance, and Co-operative A has adopted a series of eco-friendly agricultural production methods, such as the promotion of organic farming and the implementation of recycled agriculture, etc. These practices not only reduce the impact on the environment, they also reduce the impact on the environment. These practices not only reduce the negative impact on the environment, but also enhance the market competitiveness of agricultural products. In this way, Co-operative A demonstrates that agricultural production and environmental protection can go hand in hand, providing a new path for sustainable rural development.

By analysing Co-operative A, we can see that the new rural co-operative has a multifaceted impact in promoting rural revitalisation. The successful experience of this cooperative shows that by adopting modern agricultural technologies, optimising management models, upgrading farmers' skills and implementing environmental protection measures, new rural cooperatives can effectively promote agricultural modernisation, facilitate the transformation of socio-economic structures and achieve environmentally sustainable development. However, we should also note that the success of Cooperative A is not without challenges. For example, how to maintain stable development in the face of market fluctuations, how to deal with the distribution of benefits within the cooperative, and how to ensure environmental protection while maintaining growth are all issues that Co-operative A has to face in the course of its development. Responses to these challenges are also an important part of our study of new rural cooperatives that cannot be ignored.

5. Conclusion

After an in-depth study of new rural cooperatives and their role in the rural revitalization strategy, we can draw some important conclusions. First, new rural cooperatives play an important role in promoting agricultural modernization, optimizing the socio-economic structure of rural societies, realizing the construction of an ecological civilization and strengthening the construction of rural communities. These roles are reflected not only in the increased efficiency of agricultural production and the improved quality of agricultural products by cooperatives, but also in the fact that they have provided more employment opportunities in the countryside, contributed to the growth of farmers' incomes and promoted the improvement of social services and the quality of life in rural areas.

Secondly, the success of new rural cooperatives cannot be separated from their innovative business concepts and management models. By introducing modern business management methods and technologies, these cooperatives have increased the efficiency and scale of agricultural production, while also enhancing their responsiveness to market demand. In addition, cooperatives have played an important role in promoting scientific and technological innovation and sustainable development in agriculture, which not only facilitates the transformation of agricultural production methods but also helps to protect and improve the rural environment.

However, new rural cooperatives also face a series of challenges in their development. How to ensure the stable development of cooperatives in market competition, how to solve the problems of management and distribution of benefits within cooperatives, and how to balance the relationship between economic growth and environmental protection are all issues that need to be seriously considered and resolved by cooperatives. Therefore, in order to further bring into play the role of new rural cooperatives in rural revitalisation, the Government and relevant departments need to provide
more support and guidance, such as formulating a favourable policy environment, providing the necessary financial support and technical assistance, and so on.

In the context of rural revitalisation, the prospects for the development of new rural cooperatives are broad. With policy support and social attention, cooperatives are expected to play a greater role in promoting agricultural modernisation, enhancing the well-being of farmers and achieving sustainable rural development. In order to achieve these goals, cooperatives require continuous innovation and improvement, as well as the support and participation of all sectors of society.

6. Discussion

Although new rural cooperatives have demonstrated their significant advantages and positive effects in a number of ways, they still face a series of challenges in the process of promoting them. In response to these challenges, we have put forward corresponding countermeasures and recommendations, with a view to providing reference for the healthy development of new rural cooperatives and the effective implementation of the rural revitalisation strategy.

First, management and operational challenges are one of the major problems facing new rural cooperatives. Many cooperatives lack effective mechanisms and expertise in their management and decision-making processes, which may lead to inefficiency and waste of resources. In order to solve this problem, cooperatives need to introduce modern business management concepts and methods and establish scientific decision-making and management systems. At the same time, the professional ability and business level of co-operative members and management should be upgraded through training in order to improve the overall management efficiency and operation quality of co-operatives.

Secondly, new rural cooperatives also face many challenges in the process of marketisation. Market uncertainty and competitive pressures require cooperatives to have stronger market adaptability and risk management capabilities. Cooperatives should establish a market research and analysis mechanism to keep abreast of market dynamics and adjust their business strategies. In addition, cooperatives should actively expand sales channels and use emerging platforms such as e-commerce to enhance the market competitiveness of their products and increase their sources of income.

Environmental protection and sustainable development is another important challenge. As awareness of environmental protection rises and demand for sustainable development grows, new rural cooperatives need to adopt more environmentally friendly and sustainable production methods. This includes the promotion of eco-agriculture, the development of a circular economy and the implementation of green production techniques. At the same time, cooperatives should also participate in rural ecological environmental protection, such as carrying out greening and tree-planting and water source protection activities, so as to actively build a harmonious natural and humanistic environment.

Lack of funds and resources is also a key factor constraining the development of new rural cooperatives. In order to solve this problem, cooperatives can raise funds through various channels, such as attracting external investment, applying for government subsidies and loans. In addition, cooperatives should strengthen the rational allocation and efficient use of internal resources to improve the efficiency of capital use.

Finally, policy support and the instability of the external environment are also challenges that cooperatives need to face. The government should continue to improve relevant policies and provide more support for the development of new rural cooperatives, such as tax incentives, capital subsidies and technical guidance. At the same time, cooperatives need to pay close attention to policy and market changes and flexibly adjust their development strategies to cope with the uncertainty of the external environment.
References


