

# ***Research on Yunnan Plateau Characteristic Modern Agriculture from the Perspective of Ecological Civilization***

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**Abstract:** Due to the proposal of system reform of ecological civilization, the construction of ecological civilization has been concerned by all walks of life, and has become a crucial part of China's socialist construction. From the perspective of ecological civilization, Yunnan Plateau characteristic modern agriculture actively implements the concept of ecological civilization, and it has become a model of modern agricultural construction. This paper expounds the development status of Yunnan Plateau characteristic modern agriculture, analyzes the existing problems of Yunnan Plateau characteristic modern agriculture, and studies the development path of Yunnan Plateau characteristic modern agriculture from the perspective of ecological civilization.

## **1. Introduction**

In recent years, the Chinese government has repeatedly proposed to build and perfect the modern agricultural industrial system, providing the basic ideas for the progress of modern agriculture. From the perspective of ecological civilization, the Yunnan provincial government attaches great importance to the construction of agricultural modernization, increases efforts to develop Yunnan Plateau characteristic agriculture and keep promoting the agricultural modernization of Yunnan. Meanwhile, the government has also issued relevant policies and measures to comprehensively deploy the progress of plateau characteristic agriculture. In the economic progress of Yunnan Province, plateau characteristic agriculture is a crucial support for the economy. The excellent natural ecological environment and geography in Yunnan lay a solid foundation for the progress of agricultural economy.

## **2. Development Status of Yunnan Plateau Characteristic Modern Agriculture**

Owing to the continuous advancement of relevant policies in Yunnan Province, the characteristics of plateau agriculture in Yunnan province gradually appear, greatly enhancing the brand effect of plateau agriculture and improving the quality of agricultural progress.

### **2.1 Faster Speed of Agricultural Progress and Competitive Advantages of Characteristic**

## **Industries**

In a long period of time, the agricultural development speed of Yunnan Province can't keep up with the overall growth speed, but since the introduction of plateau characteristic modern agricultural strategy, the agricultural development speed has been significantly enhanced. Owing to the progress of plateau characteristic modern agriculture, the structure of agricultural production has been constantly adjusted, which has changed the situation of single structure in the past. Under the condition of stable increase of grain production, economic crops have a trend of all-round development. Yunnan Province vigorously develops advantageous characteristic industries, and a number of characteristic agricultural products such as tobacco, animal husbandry and medicinal materials have begun to have competitive advantages. With the progress of these characteristic industries, they will form a certain production scale and have strong competitiveness in the national agricultural product market <sup>[1]</sup>.

### **2.2 Adhere to the Concept of Ecological Civilization and Highlight the Brand Effect**

The geographical location of Yunnan is relatively special, and the topography has diverse characteristics. The local climate has very rich types, making Yunnan suitable for planting a variety of crops and cash crops. In addition, Yunnan is located in the plateau. Relatively speaking, the natural vegetation has been well preserved, and the local industrial progress is relatively slow, and the environmental pollution is also slight, making the agricultural production environment of Yunnan present diversified and ecological advantages. It is because of these advantages that the characteristic agriculture of Yunnan Plateau shows the characteristics of diversity, green ecology, safety and high quality, as well as fragrance of four seasons. These characteristics make Yunnan Plateau characteristic agriculture gradually form a brand system, and create a number of agricultural products with brand influence. These agricultural products highlight the brand effect, and push Yunnan Plateau characteristic agricultural products to foreign markets. Under the influence of brand effect, these agricultural products occupy a crucial position in domestic and foreign markets.

### **2.3 Improved Agricultural Production Conditions and Accelerated Rural Development**

Driven by the development strategy of plateau characteristic modern agriculture, the growth of agricultural income in Yunnan Province has accelerated, and the per-capita net income has increased significantly. The provincial government has taken many supporting measures to continuously perfect agricultural production conditions, greatly promoting the construction of basic farmland. In addition, owing to the progress of science and technology, agriculture in Yunnan keeps strengthening the promotion of science, technology and agricultural technology, enhancing the construction of service system, and promoting the scientific and technological achievements, so that the comprehensive quality of farmers has been greatly enhanced.

## **3. Problems of Yunnan Plateau Characteristic Modern Agriculture**

Although the Yunnan Plateau characteristic modern agriculture has achieved remarkable results, it still does not meet the requirements of the economic and social progress of Yunnan Province for agriculture, and there is a big gap. The progress of modern agriculture is facing many problems. On the whole, the level of agricultural modernization in Yunnan is still relatively low.

### **3.1 Lack of Agricultural Infrastructure Has Seriously Hindered the Progress of Plateau Characteristic Modern Agriculture**

The shortage of agricultural infrastructure is mainly realized in three aspects: poor water conservancy conditions, poor machine farming conditions, and poor quality of cultivated land. This is a practical problem that Yunnan plateau agriculture is facing. Although the Yunnan provincial government attaches great importance to the construction of agricultural infrastructure, and has also taken a series of effective measures, these are still unable to meet the needs of agricultural progress. The capacity of dams in rural areas is declining and the water available for agriculture is becoming less and less, resulting in serious water shortage in paddy fields. The effective irrigation area of cultivated land is insufficient, so some cultivated land can only depend on the weather. The land resources in Yunnan are diversified, highlighting the characteristics of plateau modern agriculture and presenting the characteristics of land resources dispersion, which seriously hinders the large-scale progress of modern agriculture <sup>[2]</sup>.

### **3.2 Limited Driving Capacity of New Agricultural Operators**

In recent years, new agricultural business entities in Yunnan have achieved rapid progress, but the driving capacity is relatively weak. Some enterprises have weak innovation consciousness, and they not only fail to play a leading role, but also take up the funds supported by the state.

### **3.3 Insufficient Support of Modern Agriculture**

Due to the lack of agricultural production conditions and the dispersion of land resources, the agricultural output type of Yunnan is relatively single, and it is still the planting and breeding industry based on raw materials. Due to the progress of science and technology, the corresponding service system has been established, but the function of Yunnan agriculture has not been brought into full play. The attraction of the support system of agricultural industry is relatively small, and it is difficult to achieve the goal of improving the quality and efficiency of agricultural products. Many leading enterprises have not established their own R & D team, and have not reached a long-term cooperative relationship with professional scientific research institutions. In the process of development, the support of science and technology is obviously insufficient.

## **4. Development Path of Yunnan Plateau Characteristic Modern Agriculture from the Perspective of Ecological Civilization**

From the perspective of ecological civilization, Yunnan Plateau characteristic modern agriculture should actively implement the green, ecological and innovative concept, fully play the advantages of agricultural diversification, strengthen the construction of rural infrastructure, build and perfect the agricultural management system, keep enhancing the progress quality of Yunnan Plateau characteristic modern agriculture and increase the competitiveness of agriculture.

### **4.1 Increase Investment in Agriculture and Strengthen the Construction of Agricultural Infrastructure**

In accordance with the requirements of social and economic progress in Yunnan Province, we should increase the investment in plateau characteristic agriculture, actively explore the channels of agricultural investment, and strengthen the construction of agricultural infrastructure. Meanwhile, we should set up special funds for the construction of agricultural modernization, constantly expand the scale of family farms, and provide subsidies for rural ecological environment protection, so as to increase agricultural production and farmers' income, and promote the sustainable progress of modern agriculture.

#### **4.2 Start from the Agricultural Situation of Yunnan Province, Strengthen the Support for New Business Entities**

In view of the supporting policies, we should focus on family farms and agricultural leading enterprises, formulate reasonable supporting standards according to the actual situation of Yunnan, and encourage and guide large farmers to upgrade to family farms. When supporting agricultural leading enterprises, we should promote their transformation and upgrading according to the principle of “supporting the excellent and the strong”, cultivate leading enterprises for agricultural enterprises, and realize the scale progress of agricultural leading enterprises. In addition, we should constantly perfect the support measures for new business entities, fully understand the actual progress of each business entity, select the business entities with good performance, rapid progress and strong driving ability by fair and just methods, and give some incentive support to play an effective driving role.

#### **4.3 Make Scientific Development Strategy, Promote Agriculture in Yunnan Open to the Outside World**

Yunnan agriculture is unique and different. From the perspective of ecological civilization, we should focus on ecology and characteristics to create brand, take green and health as the core concept of Yunnan Plateau characteristic agriculture, pay attention to ecological environment protection, establish Yunnan agricultural brand with Yunnan regional culture, and highlight brand differences. Thus, it is necessary to formulate a scientific development strategy, develop sales channels for Yunnan Plateau characteristic agriculture, increase media publicity, fully develop the potential of network marketing, build an overall agriculture-enterprise platform, and broaden the market channels for Yunnan agricultural products. In addition, it is necessary to carry out diversified agricultural economic activities, formulate influence strategies of transnational agricultural enterprises, enhance their own service technology level, and promote the “going out” of Yunnan agriculture.

#### **4.4 Focus on Fostering Agricultural Talents and Promote Industrial Progress**

To realize the rational allocation of production resources, we must focus on fostering agricultural talents to innovate human capital for agriculture. On the one hand, it is necessary to build a scientific and technological talent education system in Yunnan Province to provide compound industrial and technological talents and entrepreneurial agricultural talents for Yunnan Plateau characteristic agriculture. The government should enhance policy support for talent cultivation, build an entrepreneurial platform for plateau characteristic agricultural industry, and promote the coordinated progress of agricultural talent cultivation and characteristic industry development <sup>[3]</sup>. On the other hand, we should focus on fostering transnational business talents from language, culture, mergers and acquisitions, and establish a high-quality agricultural talent team to meet the progress needs of plateau characteristic agricultural industry.

#### **4.5 Develop Reasonably and Focus on Ecological Protection**

The extensive development of Yunnan agriculture before weakened the bearing capacity of agricultural ecological environment. From the perspective of ecological civilization, it is necessary to build an environment-friendly development strategy. During modern agricultural progress, we should focus on the protection of wild species and achieve the goal of increasing crop yield and income on the basis of ecological protection. In the aspect of farmland cultivation, it is necessary to

establish the standard of agricultural environmental protection, innovate sustainable ecological progress mode, enhance the monitoring work of agricultural ecological environment, regularly test the soil and water quality, treat from the source, and enhance the ecological environment protection.

## 5. Conclusion

To sum up, the progress of Yunnan Plateau characteristic modern agriculture will help to improve the economic benefits of plateau agriculture by turning the resource advantages of the plateau into economic advantages. From the perspective of ecological civilization, we should give full play to the advantages of Yunnan agriculture, broaden the market channels for Yunnan agricultural products, continuously enhance the competitiveness of Yunnan agriculture, and promote the sustainable progress of Yunnan Plateau characteristic agriculture.

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