Study on the Economic Evaluation System of Agricultural Industry with Characteristic Benefits from the Perspective of Industrial Safety

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Abstract: Agricultural security is an important issue related to the stable development of China's economy. At the same time, with the expansion of the scale of government financing, many problems and shortcomings emerge. China is a big agricultural country. The development of agriculture is the foundation of national economic development. The sustainable development of agriculture is the fundamental guarantee for China to take the road of sustainable development. Based on this, the author analyzes the necessity of developing characteristic agriculture on the basis of understanding the basic connotation of characteristic agriculture. Research shows that agricultural economic benefits, as an important part of agricultural development, play a vital role in the sustainable development of agriculture.

1. Introduction

Characteristic agriculture is under the conditions of market economy. Each region develops unique agricultural products and industrialized production by virtue of their unique agricultural resources and unique agricultural product processing technology [1]. Therefore, research on how to improve economic efficiency on the basis of ensuring sustainable development of agriculture is not only related to rural economic development, but also related to China's agricultural modernization and sustainable development [2]. The promulgation of this document is an inevitable requirement for the coordinated development of urban and rural areas. It conforms to the development situation of Chongqing's rural areas and is also a major task in the western region to achieve the goal of building a well-off society in an all-round way [3]. High-quality, high-tech content, high value-added product features, high competitiveness, high price, high-yield market characteristics, high labor productivity, high land productivity, high input-output rate intensive management characteristics [4]. And the production organization characteristics of regional layout, specialized production, integrated operation, enterprise management and social service. Agricultural safety problems are concentrated on the quality, quantity and environment of agriculture: in terms of quality, such as the melamine problem in the dairy market in 2008, such as the abuse of swelling agent in strawberry and watermelon reported frequently in recent years [5]. Developing characteristic benefit agriculture is the core of building modern agriculture, the realistic choice of Chongqing's agriculture and countryside, and the effective way to promote the long-term stable increase of farmers’ income [6].

In the process of economic globalization, driven by the revolution of information and science and technology, the importance of agricultural research has become increasingly prominent throughout the world, especially in developing countries, since the 1980s [7]. After the implementation of the document, some successful experiences have been obtained, but there is no specific and effective performance evaluation index. The Central Economic Work Conference held in December 2014 put forward the goal of achieving sustainable agricultural development, and introduced new measures to achieve sustainable agricultural development [8]. In other words, characteristic agriculture is an agricultural production system with local characteristics and scientific and technological characteristics formed by industrial production of characteristic agricultural products in the region under the unique agricultural resources and production technology conditions of the region [9]. In the process of agricultural development, the
establishment of agricultural sustainable development indicator system and corresponding evaluation methods play an important role in the formulation and adjustment of agricultural sustainable development decision-making. Establish a set of scientific and reasonable evaluation index system suitable for Chongqing's characteristic benefit agricultural development level to measure and judge the overall level of the city's characteristic benefit agricultural development, and guide the city's characteristic benefit agricultural development direction. It is of great practical significance to promote the development of characteristic agriculture in Chongqing. Only the characteristics of such characteristic agriculture and its economic value can be reflected [10].

2. Methodology

Characteristic Benefits Agriculture is market-oriented, benefit-centered, and income-increasing, using modern technology, optimizing allocation elements, efficiently developing resources, and distinctive features, forming a complete industrial chain, a secure ecological chain, a sensitive demand chain, and a fast supply chain. In China, the "three rural issues" in the new era are not only the problem of farmers' income improvement, but also the deep-rooted peasants' rights and interests, the sustainable development of rural areas and the safety of agriculture. Based on the foundation of sustainable agricultural development, this paper constructs agricultural economic benefit evaluation indicators, and takes Chongqing as an example to evaluate its economic benefits. Finally, it proposes countermeasures to improve the economic benefits of sustainable development, in order to achieve sustainable development of agricultural economy. In this production system, the characteristic agricultural products are its core, the characteristic agricultural by-products production or processing industry is its support, the characteristic agricultural resources are its foundation, the characteristic agricultural production technology or processing technology is its forerunner, and the characteristic agricultural by-products market is its important place to realize its value. China's development goal is to build a resource-intensive and environment-friendly society by 2020, which will inevitably require a great improvement in the security of agriculture. This requires that great attention should be paid to the natural factors affecting the quality of characteristic agricultural products in the development of characteristic benefit agriculture.

The core of agricultural sustainable development is development, so only by ensuring the steady growth of farmers' income can we ensure the stable development of society, and then ensure that sufficient funds are available to protect the ecological environment and resource environment. The author investigates the per capita income of A, B and C cities. Figure 1 shows that with the improvement of agricultural production level, farmers' income is also increasing year by year.

![Fig.1. Per capita net income of peasants in three cities A, B and C](image)

In the Opinions of the People's Government on Accelerating the Development of Characteristic Benefit Agriculture, the People's Government has determined the Characteristic Benefit Agriculture and pointed out that the development of Characteristic Benefit Agriculture is the core element of the construction of modern agriculture. It is a realistic choice in accordance with the reality of
agriculture and rural areas, and an effective way to promote the long-term stable increase of farmers’ income. From the connotation of characteristic agriculture, we can see that characteristic agriculture is a new type of intensive, scientific and technological, benefit-oriented and industrialized agriculture based on the advantages of characteristic resources. It is premised on the sustainable utilization of characteristic agricultural resources. Since people are both producers and consumers, population is an important factor for sustainable agricultural development. The quantity and quality of population will directly affect the sustainable development of agriculture. By constructing the theoretical system of characteristic benefit agriculture, according to the connotation and characteristics of characteristic benefit agriculture, and following the general laws and development trends of its development, we select indicators that can reflect the characteristics of characteristic benefits of agriculture. The regional characteristics of characteristic benefit agriculture are mainly reflected in two aspects: First, the difference in natural conditions in different regions determines that the development of characteristic agriculture has certain regional characteristics. Second, the characteristic benefits of agriculture positioning in ecological agriculture is mainly characterized by green or pollution-free. Characteristic agriculture is closely linked to the domestic and international markets, only when it is put into market competition.

Because farmers lack the ability to cope with the market, there is a serious information asymmetry between production and market. The general problem can be attributed to the low degree of organization of farmers and the lack of effective mechanisms for connecting with the market. See Table 1. All of these have seriously restricted the smooth transition of traditional agriculture to modern agriculture.

Table 1 Regional Distribution of Agricultural Industrialization Intermediate Organizations in China

<table>
<thead>
<tr>
<th>Distribution</th>
<th>Western Region</th>
<th>Central region</th>
<th>Eastern Region</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number (number)</td>
<td>2787</td>
<td>2206</td>
<td>7852</td>
</tr>
<tr>
<td>Percentage</td>
<td>19%</td>
<td>14%</td>
<td>57%</td>
</tr>
</tbody>
</table>

3. Result Analysis and Discussion

With the development of economy and society, the rural economy has developed by leaps and bounds, and the living standards of farmers have also been greatly improved. At the same time, a series of ecological and environmental problems such as desertification and soil erosion have become increasingly apparent. In the environment, for example, many herders in Inner Mongolia have caused desertification of grasslands due to overgrazing, which has led to sandstorms in Beijing and other places. For example, overfishing by coastal fishermen has caused the depletion of fishery resources in some sea areas. Characteristic benefits Agriculture is developed on the basis of regional advantages. Therefore, it has advantages in terms of quality, output, packaging and management of agricultural products. Agricultural producers need to achieve certain economic benefits in economic activities. The economic benefits of agriculture will directly affect the sustainable development of agriculture, and it is also the fundamental guarantee for the sustainable development of agriculture. Sustainable development of agriculture is an important part of the strategic system of sustainable development in China. Sustainable utilization of agricultural resources is an important basis for sustainable development of agriculture. Sustainable development of agriculture is an important part of the strategic system of sustainable development in China. Sustainable utilization of agricultural resources is an important basis for sustainable development of agriculture. Statistical analysis is made on the results of expert opinions to form a quantitative index system. The market demand in different periods reflects different demands for characteristic agricultural products, thus putting forward new requirements and contents for characteristic benefit agriculture.

The output of crops has been increasing for more than ten years, but compared with the national level, the output per unit area of crops in western countries is not high and has been lower than the national average for a long time, which is related to the importance of food crop production in western countries and the optimization and upgrading of agricultural industrial structure. The author compares the agricultural output of our country with that of western countries in recent years. As
shown in Figure 2.

![Fig.2. Comparison of Agricultural Yield Area between Western Countries and China in Recent Period](image)

Agricultural economic benefit is an important part of agricultural sustainable development. Labor consumption and output of agricultural production. Delphi method and analytic hierarchy process are used to determine the index weight. Once again, experts are consulted on the adjusted index system, and the experts are graded according to the importance of the index. Special agricultural products are of high quality, high technology content, exquisite packaging, meeting the requirements of economies of scale and strong market competitiveness. Because it is market-oriented and adapts to market needs, it has great potential for development. In addition, the characteristic benefit agriculture is formed by rational allocation of resources. It combines the full utilization of resources with the protection of the environment organically and meets the requirements of sustainable development. With the continuous deepening of market economic reforms, China's economic development has been further pushed to the market since the 18th National Congress. This has made China's industrial capital surplus and financial capital surplus intensified since 2000, coupled with China's traditional labor surplus. This determines that even the same variety of specialty agricultural products will have a big difference in quality. Comprehensiveness means that the economic benefits of agriculture are affected by many factors such as technology, productivity, quality of laborers, and natural conditions, so the evaluation results are also comprehensive.

4. Conclusion

It can be seen from the analysis results that the economic benefits of agricultural sustainable development in different districts are different, so there should be differences in the sustainable development model of agriculture. The development characteristics must establish a strategic thinking with science and technology as the forerunner. Widely relying on scientific and technological progress is the key to enhancing the competitiveness of regional agricultural products market and the fundamental way to develop characteristic agriculture. In the evaluation process, the lack of characteristic and beneficial agricultural development was found, in order to provide guidance for the city and districts (counties) to further clarify the development direction. And establish and improve the industrial chain, ecological chain, demand chain, supply chain, and promote agricultural efficiency, farmers' income and agricultural development. The regulation of food safety is a systematic and complex project. At the source, it should ensure the safety of seeds.
In the process of planting, it should ensure the safety of fertilization and pesticides. In the process of picking and marketing, it should ensure that agricultural products that meet certain safety indicators eventually flow into the market through the operation of small and medium-sized capital. For this reason, governments at all levels should strengthen the consciousness of promoting agriculture by science and technology, increase investment in agricultural science and technology, pay attention to economic benefits and the impact of resources and environment, and establish a knowledge-intensive agricultural development model, that is, to realize the scientification and intellectualization of agricultural production means, and to realize the improvement of agricultural economic benefits.

References


