

Problems in the Inspection of Agricultural Product Quality and Safety and Analysis

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Keywords: Agricultural Products, Quality Inspection, Problems, Measures

Abstract: With the continuous development of social economy, people's living standard is also greatly improved, and food safety and health problems are paid more attention to in life. However, due to the rise of various industries, the quality of agricultural products has gradually declined, so the problems of food health and safety have emerged in endlessly, which not only endangers people's health, but also hinders the development of the national agricultural economy. At present, there are still many problems concerning the quality and safety inspection of agricultural products in our country. Based on this, this paper discusses and puts forward corresponding measures to improve the current product quality.

1. Introduction

At present, with the rapid development of our country, the industrial process is also increasing day by day, resulting in serious environmental pollution, serious excessive use of trace elements such as metals in soil, and the use of pesticides in large quantities also make the agricultural products have drug residues, resulting in serious food safety problems. In the face of the current situation, only the strict inspection of agricultural products quality and safety can effectively avoid toxic and harmful products into the commodity market, and then ensure people's health. If there are omissions in the inspection of agricultural product quality, it will not only cause food health and safety problems, but also affect people's trust in agricultural products, and then reduce the frequency of purchase of agricultural products.

2. The Status of Safety and Quality Inspection of Agricultural Products

With the increasing population of our country, it brings a lot of pressure to agricultural production. The two main external factors of agricultural products in the process of growth are soil and water source, but because of the influence of industrialization, the soil is polluted, which leads to the reduction of agricultural products and the decline of quality [1]. In addition, if there are diseases and insect pests in the process of growing agricultural products, growers will generally use dichlorvos and other deworming agents (Fig.1), which will also lead to the quality of the products to a certain extent. At the same time, when there are problems in the growth of agricultural products, some enterprises and growers will use some drugs which do not meet the national standards in order to reduce the previous investment and expand the income, which will seriously affect the healthy growth of agricultural products. The national agricultural product safety and quality inspection department was originally to ensure the safety of agricultural products, but in the process of implementation due to various reasons, the supervision is not in place, which cannot meet the national requirements for food safety. Since the promulgation of the Law of the People's Republic of China on the Quality and Safety of Agricultural Products and the introduction of corresponding measures to promote the implementation of the policy, the state has continuously introduced some corresponding policies to strengthen the supervision of agricultural products and ensure the health

of the people.



Figure 1 Pesticides

3. Current Problems in the Safety and Quality Inspection of Agricultural Products

3.1. Failure to Establish a Sound Testing System

Because there is no perfect inspection system, it seriously hinders the progress of agricultural product safety inspection. The testing process of agricultural products is too complicated and it is more difficult to carry out the safety inspection of agricultural products. The use of different testing equipment for different agricultural products leads to the lack of complete testing equipment in many local inspection departments [2]. Finally, because of the need for advanced instruments and the unbalanced development of economy and science and technology among different regions, it also makes it more difficult for agricultural product safety inspection.

3.2. Unreasonable Setting of Testing Organization

The unreasonable setting of testing organization is one of the important reasons to hinder the quality and safety inspection of agricultural products. Its main problem is that the division of labor between departments is not clear, and there are often several inspection departments to manage the same process together, which will not only cause inefficiency, but also cause waste of personnel. In addition, the testing of agricultural products needs to be carried out by different departments (Fig.2), because the requirements between departments are not very consistent, resulting in more difficult detection [3]. In addition, some inspectors lack the correct understanding of the detection, think that this is a matter of the state and society, and have nothing to do with their own work efficiency, resulting in the quality of the detection cannot be effectively improved. At the same time, the national food safety department lacks the propaganda to the inspection system, not only the related organization work is not in place, people also lack the cognition to the inspection, but also increases the work difficulty invisibly.



Figure 2 Inspection of agricultural products

3.3. Lack of Professional Staff

In recent years, with the rapid development of China's economy, agricultural inspection

institutions have gradually emerged, testing institutions have a short time to carry out, lack of relevant professional and technical personnel. Especially in some remote testing institutions, not only the number of staff is not up to standard, their own professional literacy is not up to standard. Technical personnel in the agricultural product safety inspection plays an important role, in the agricultural product safety inspection is not fully automated, the related work also needs the technical personnel to carry on the operation, detects the agricultural product quality to know whether to meet the standard. However, the lack of professional inspection staff, coupled with the lack of skills of some of the staff in the post, seriously affected the process and innovation. At the same time, the lack of professional staff not only increases the probability of accidents in the detection, but also affects people's trust in the agricultural product safety inspection organization and hinders the smooth development of the work.

4. Measures to Improve the Safety and Quality Inspection of Agricultural Products

4.1. Enhanced Publicity and Awareness of Agricultural Product Safety

If we want to grasp the existing inspection problems of agricultural products fundamentally, we should pay attention to strengthening propaganda, improving the whole people's understanding of the safety of agricultural products, and promoting the relevant inspection departments to carry out the inspection work better.

With the advent of the Internet era, the state, government and local agricultural inspection agencies should pay more attention to Internet technology and its application in life [4]. As we all know, the development of Internet technology has brought us a lot of benefits, making our life more convenient and efficient. In daily life, most people have been able to use the Internet skillfully to search for relevant content, WeChat, Weibo, QQ are also the most commonly used app in people's daily life, so the relevant departments can change the traditional forms of leaflets, broadcasting and so on (figure 3), and use network technology to carry out propaganda. Compared with the traditional means of propaganda, Internet propaganda can cover more groups, so that the information can be spread in the maximum range, and the propaganda of information can be improved. At the same time, people can use Internet propaganda means to use search websites such as Baidu app to consult according to their own incomprehensible statements, not only to improve the understanding of propaganda, but also to improve the working effect of relevant departments to a certain extent, and then to improve the quality and safety detection efficiency of agricultural products.



Figure 3 Traditional forms of communication

4.2. Improve Inspection System and Work Quality

Having a perfect inspection system is the premise and guarantee of the work. Before carrying out the inspection of the quality and safety of agricultural products, it is necessary to establish a perfect work flow, formulate the inspection plan according to the local actual situation, allocate the work reasonably according to the staff's own skills, and push the work forward continuously.

The inspection of agricultural product safety and quality is related to people's health problems. With the continuous improvement of people's awareness of agricultural product safety, testing units should constantly improve the testing system, improve the accuracy and feasibility of testing

agricultural products, and enter the market on the premise of ensuring the health and safety of products, so as to ensure the economic benefits of agricultural growers. Testing is the most important method of testing agricultural products in our country at present. The application of this method is not only closely related to the economic market, but also an important guarantee to ensure the quality of products [5]. In the economic market conditions, it is of great practical significance to perfect the inspection system and improve the quality of work. Therefore, in the actual inspection work, the responsible personnel of the relevant departments should carefully and carefully find out the existing problems such as the complexity of the process in the existing inspection system and the lack of understanding between the staff, through constantly improving the existing inspection system, formulate more reasonable work policies, promote the improvement of the quality of work, and then protect the people's food safety and avoid causing social panic.

4.3. Establish Excellent Professional Inspection Team to Improve Work Efficiency

Faced with the problem that the quality of the inspection level is not high due to the lack of technical personnel, the relevant departments should actively recruit talents to all parties to improve the overall skill level of the staff.

For on-the-job testing technicians, the relevant units can organize regular training or exchange meetings, through training to continuously improve the level of staff skills; through communication so that excellent testing methods are well known and mastered, but also let technicians see their own level of lack, so as to invest more time and energy to constantly improve their own skills. The second is to introduce the incentive mechanism in the job, to stimulate the "winning or losing desire" of the existing staff and to strengthen their professional testing skills, so as to carry out the work better[6]. Through two different forms of incentives to build a group of excellent professional inspection team, not only to better improve the inspection work, to ensure the safety of agricultural products into the economic market, but also to set a good example for other regions, so as to promote different regions to gradually improve their own professional skills, and then improve the efficiency of agricultural product safety quality testing.

5. Conclusions

In a word, the agricultural product safety inspection department is an important link for the product to enter the market, and it is also an important measure to ensure people's food safety. Therefore, in the work, the relevant department leaders should follow the pace of the mainstream with a progressive vision, use network technology to carry out propaganda and education, improve people's understanding of testing, through the establishment of a sound testing system and create excellent testing for, constantly improve the level of agricultural products testing, to ensure the safety of agricultural products, timely flow into the market.

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