

A Study on the Construction of Food Security System in Food Snapping Caused by New Coronary Pneumonia

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Abstract: The new crown pneumonia epidemic is widespread, if the phenomenon of food rush purchase is not stopped in time, it will affect the normal operation of the food market, and then cause the loss of families and society. This paper discusses the characteristics and harm of the phenomenon of food rush under the background of epidemic situation, the importance and method of constructing food security system under the background of epidemic situation, and aims to guide the related work.

1. Introduction

The new crown pneumonia epidemic is now spreading rapidly in the world, some countries have issued restrictions or prohibitions on food exports, resulting in a certain increase in international food prices momentum, many people in our country also caused panic, and even triggered the phenomenon of food rush. Food rush purchase is a new problem of great significance in food security. It is complicated in terms of trigger factors, its impact is linked, its impact is extensive, its control is emergency, and it is easy to produce series of chain and amplification effects on society and economy. On April 4, 2020, the Ministry of Agriculture and Rural Affairs of the State responded to this matter, namely, that our country has sufficient grain stocks and abundant production, and that there is no need to rush to buy and hoard. It is of great significance to analyze the causes of the food rush under the background of the epidemic situation, to construct the food security system actively, to quell the fluctuation of the grain market caused by the rush purchase, to protect the enthusiasm of farmers in planting grain, and to safeguard the public and social rights and interests[1-2]. This paper discusses this.

2. Characteristics and Harm of Food Snapping Caused by Epidemic Situation

2.1. Trigger Factors are Extremely Complex

The factors triggered by the food rush are more diverse and complex, the outbreak of the new crown pneumonia triggered the food rush, this incident is a public event, not related to food. But the public's fear of the epidemic has triggered market volatility, even if the country's overall food supply and demand situation is good.

2.2. Wide Range of Impacts

Food rush problem in the early stage, mostly local small areas, but if not resolved in the shortest time, can quickly spread to a wider range. In particular, the outbreak of the new coronary pneumonia, because all over the epidemic prevention and control started a first-level response, the public is highly nervous, coupled with the information age easy access to information, can cause more and more people to participate in, get involved in, and then cause social amplification effect[3-4].

2.3. Impact Can be Linked

Failure to intervene in a timely manner to allow the food rush to continue can trigger a food public crisis in a short period of time, which in turn can cause a ripple impact on the social economy. The concrete manifestation is that, in addition to the influence on each link of the grain industry chain, it will also impact on the agricultural and sideline products which have certain relevance, such as vegetables, meat, milk, eggs and so on, and then cause serious interference to the normal market order of agricultural products.



Figure 1 Network map of sugar snapping during new crown epidemic

2.4. Need to Focus on Emergency Response in Control

Once the food rush purchase incident occurs, the threat to food public security has been created, so it has a strong urgency when controlling. After the relevant events are mastered, the government needs to develop measures to carry out effective emergency response at the first time. While halting the expansion of the situation, it is also necessary to resolve the problem in the shortest possible time, so that the impact of the incident can be completely eliminated and the public crisis that has an impact on social stability can be avoided.

In the context of the global spread of the new crown pneumonia, some countries issued food export-related bans, and the Food and Agriculture Organization of the United Nations issued a warning that some countries and regions may be affected by food security because of the disruption of supply chains and labor shortages caused by the epidemic. The joint defense and control mechanism of the State Council held a timely press conference to ask the State Food and Materials Reserve Bureau and the Ministry of Agriculture and Rural Affairs to answer the relevant questions, which clearly indicated that although the outbreak of new crown pneumonia had some restrictions on trade in agricultural products, China's food reserves were sufficient and its dependence on the international market was low. National food security would not be affected. To a great extent, public panic would be eliminated and the incident could be calmed down effectively[5-6].

3. The Importance and Method of Constructing Food Security System Under the Background of Epidemic Situation

Since the outbreak of pneumonia in the new crown, especially at present, the situation of multi-national defense control in the world is still more severe, the party and government have regarded this public event as a great test of our country's governance system and ability in various industries. In the face of the phenomenon of food rush, the food and material reserve sector also needs to draw lessons, constantly sum up the experience, make clear how to quickly solve the crisis that may threaten food security and social stability in the event of emergency, and pay attention to the construction of food security system in order to play a positive role in responding to the epidemic situation, but also to provide security for the orderly development of food management after the epidemic.

3.1. Emphasis on Creating an Atmosphere of Public Opinion on Good and Scientific Food Security

How food security is managed is directly related to national security. As far back as 2003, SARS, and the recent "new crown ", while fighting the epidemic all over the country together, there are also various types of false rumors about food shortages, some areas even have food rush phenomenon. Browse the Internet also found that "after the end of the outbreak of new crown pneumonia, food prices will be significantly increased everywhere" and other questions continue to arise. Although the official press conference on the incident held in time to refute the relevant information, the facts were quickly clarified, eliminating the public panic about the shortage of food supply and price increase, but further analysis found that in major emergencies, a good atmosphere of public opinion on food security needs to be created.

At present, although China's epidemic prevention and control has achieved initial results, but with the continuous emergence of input problems, it is still in the most urgent and critical period to fight this war epidemic. Although the grain and oil market focuses on ensuring supply and price stability, it also needs to pay attention to news public opinion and food security. Timely through the mainstream media, grain and oil price trends, market information release. Measures to safeguard grain and oil during the period of epidemic prevention and control should also be announced to the public in a timely manner, and negative public opinion and false information should be dealt with in a timely and proper manner, and effective responses to social concerns should be made to keep market expectations stable and promote consumer confidence[7].

3.2. Continuous Improvement of the Emergency Supply System

At the present stage, the food emergency supply system in many provinces is mostly composed of emergency facilities key projects, food emergency plans, emergency plan drills, emergency processing and supply networks, emergency management agencies and so on. As far as the current food emergency plan is concerned, although it is relatively complete in terms of emergency response, function, monitoring and early warning, organization system and other safeguard measures, it has not made a detailed and clear division of emergency categories, nor has it formulated corresponding reasonable and standardized emergency safeguard measures. Such as earthquake, drought and other natural disasters, gas leakage, chemical leakage and other man-made disasters, food safety, infectious diseases and other social safety incidents, measures have not been refined, showing more general.

There are differences in the content and category of emergencies, and the strategy of food emergency supply needs to be adjusted accordingly. Therefore, in the exercise of food emergency plan, we should also fully consider the individual characteristics of each disaster, can classify many times to set up the assumed background, analyze the degree of public opinion that different disaster categories cause panic of food supply shortage, and classify the measures to solve the problem. In addition, based on the characteristics of the new crown pneumonia epidemic, the food emergency security supply system should pay attention to the construction and layout of emergency network facilities, such as food emergency processing, supply, distribution and storage, on the basis of adhering to the principles of comprehensive coverage, reasonable distribution, emergency response and self-operation in peacetime. During the new outbreak, the public benefited from the adoption of collective group purchase and online distribution programmes in the food supply, which also ensured food security, owing to the concentration of personnel and the collective closure of communities[8].



Figure 2 Online distribution

3.3. Secure Line

It is well known that the food problem is not only economic but also political and social. In the special context of emergencies, the food emergency supply can be quickly and easily launched, which is of great significance to stabilize public sentiment and ensure the harmonious development of society. Relevant departments should bear in mind the specific requirements of General Secretary Xi Jinping for building a strong line of defense against food security, take food security as a political responsibility to manage it, and always attach importance to putting food security first. It is necessary to continuously strengthen the government's ability to regulate and control grain at the macro level, deepen the market's efforts in monitoring, and thoroughly grasp the information on processing, price changes, grain and oil stocks, and residents' consumption in various localities, so as to build a timely and efficient distribution and supply network and a sound grain and oil market system. In addition, there is a need to protect farmers' enthusiasm for grain cultivation and to continuously mobilize the enthusiasm of the food sector for food management. We will continue to deepen the assessment of the responsibility system for food security to achieve the goal of stabilizing output, area and policy.

3.4. Support for Food Farming

The new outbreak of pneumonia, the impact on the country's food farming industry mainly involves two aspects, one is the lack of means of production, the other is the delay in farming. General Secretary Xi Jinping, on February 25, 2020, also issued an important instruction to discuss the work of agricultural production in the spring of the whole country, that is, at the same time, we should gather effective forces to organize the production of spring ploughing, avoid the delay in farming, and ensure the harvest of summer grain. In addition, in terms of food production policies, there has been increased support for countries to ensure the income from grain production, thus ensuring stability in yield and sowing area, and fundamentally maintaining food security.



Figure 3 Spring ploughing dry field sowing

4. Summary

The sudden outbreak of the new crown pneumonia has seriously affected the grain planting industry, agricultural products processing industry and so on. The relevant ban on international food exports has further aggravated the public panic on food security, and then triggered the food rush purchase incident. It is necessary to pay attention to the occurrence of the phenomenon of food rush purchase and give correct guidance and solution by government departments. At the same time, it is necessary to actively construct the food security system in order to protect public rights and interests and safeguard social benefits.

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