

The Importance of the Cluster Method of Production in Agriculture

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Annotation: The article analyzes the possibility of processing raw materials grown in a cluster way, delivering it to the consumer in the form of finished products.

Keywords: cluster, agriculture, value chain, fruit and vegetable growing, viticulture, market mechanisms, processing, export.

Introduction.

In the conditions of economic liberalization, the current state of fruit and vegetable production and its changes concern not only issues of food supply to the population, direct and indirect impact of supplies of necessary raw materials of the industrial sector on the growth of the real sector of the economy and contribute to the development of the economy as a whole.

In recent years, consistent measures have been taken to reform agriculture and introduce market forces into this sector.

In particular, a cluster production method has been established in agriculture, the size of agricultural areas allocated to clusters is cotton-textile - 67 percent, in animal husbandry - 8 percent, in fruit and vegetable - 7.5 percent.

Processing of raw materials grown by the cluster method allows it to be delivered to the consumer in the form of a finished product.

Today, more than 80 types of agricultural products grown in the republic are exported to 66 countries of the world. In 2010, when cotton fiber accounted for 11.3 percent of exports, by 2018 this figure had fallen to 1.6 percent.

Methods and materials.

At the same time, the fact that effective markets are not structurally created in this area, especially in the field of fruit and vegetable growing and viticulture, insufficient scientific approach leads to the fact that the existing network capabilities are not fully used.

According to calculations, in relation to cotton raw materials grown on an area of 1 hectare, there is an opportunity to earn 7 times more than grapes, 6 times more than cherries, 5 times more than nuts.

In order to ensure the implementation of the Decree of the President of the Republic of Uzbekistan "On approval of the strategy for the development of agriculture of the Republic of Uzbekistan for 2020-2030" dated October 23, 2019 No. PF-5853, to produce products with high added value in the field of fruit and vegetable growing and viticulture, to increase exports, expand agricultural production.:

Decree of the President of the Republic of Uzbekistan on measures to ensure more efficient organization of the process of acquiring rights to land plots and other real estate within the framework of the South Caucasus Pipeline expansion project.

In accordance with the decree of the President of the Republic of Uzbekistan dated March 14, 2019 "On measures for the development of agricultural cooperation in the field of fruit and vegetable growing" PP-4239:

A total of 41 fruit and vegetable agricultural associations have been established in 8 districts of the Jizzakh, Samarkand, Tashkent and Ferghana regions;

In order to ensure the employment of low-income families, the Ministry of Employment and Labor Relations of the Republic of Uzbekistan, the Council of Farmers, Peasant Farms and Landowners of Uzbekistan attracted funds from international financial institutions to ensure the employment of low-income families, it was determined that in 2020 in 22 districts of Fergana, Andijan and Namangan.

In the document, the Ministry of Agriculture of the Republic of Uzbekistan, the Ministry of Economy and Industry, the Ministry of Employment and Labor Relations, the Council of Farmers, Peasant Farms and Landowners of Uzbekistan published an agreement on the introduction of new measures for the development of a cluster and cooperative system in the cultivation, processing and export of fruits and vegetables and grapes.

The introduction of such a procedure is provided in accordance with it:

- the organization of clusters for the cultivation, processing and export of fruit and vegetable and grape products (in subsequent places - fruit and vegetable clusters) is carried out on the basis of an initiative duly approved by the Council of Ministers of the Republic of Karakalpakstan and regional authorities, as well as a tripartite agreement between the Ministry of Agriculture of the Republic of Uzbekistan (in subsequent places - fruit and vegetable clusters);
- increased exports to non-traditional markets, especially to China, Korea, India, EU countries by types of fruit and vegetable and grape products;
- negotiations with the competent authorities of foreign states on the provision of benefits and discounts in the application of import duties and excise rates;
- reduction of payments charged for the carriage of goods by rail, road and air transport;
- increase the production of products in accordance with the requirements of internationally recognized standards, expand the coverage of processing and exporting organizations based on the requirements of these standards - fruit and vegetable and grape products, accelerate the certification of export-oriented products based on international requirements;
- import of seeds and seedlings without a certificate of "Health" and termination of planting;
- to create an effective system for the sale of mineral fertilizers and pest control in areas specializing in the production of fruits and vegetables, ensuring compliance with environmental safety requirements in their activities;

b) information submitted to the Administration of the President of the Republic of Uzbekistan and the Cabinet of Ministers before December 1, 2020 on the work done.

Work experience since 2020 January 1:

- determine the volume of products grown during the placement of fruit and vegetable and grape varieties in the relevant region, based on the standard yield (in subsequent places – the standard yield), calculated in relation to one point of the soil bonitet of orchards and vineyards;
- compliance by producers of products with regulatory requirements for productivity with the help of contracts concluded with their participation, reports of state statistics and information systems of authorized bodies, monitoring by regional agricultural authorities;
- discuss the results of monitoring at least once a year in the district Councils of People's Deputies.
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- discuss the results of monitoring at least once a year in the district Councils of People's Deputies.

As a result of summing up the results of the monitoring, the Cabinet of Ministers was instructed to make proposals by March 1, 2021 for the implementation of effective measures in accordance with the decisions of the district Councils of People's Deputies regarding land owners who use land inefficiently.

The decision includes: the Minister of Agriculture of the Republic of Uzbekistan, together with the Chairman of the Council of Ministers of the Republic of Karakalpakstan and the governors of the regions - it was determined to allocate 55 districts specializing in the production of fruits and vegetables into a separate type of product, effectively organize the activities of agricultural associations and fruit and vegetable clusters operating in the direction of fruit and vegetable production, as well as to create cherry, walnut and peach on 8 thousand hectares, apricot and pomegranate on 8 thousand hectares and plum.

To the Minister of Employment and Labor Relations of the Republic of Uzbekistan and the Chairman of the Board of Farmers, Peasant Farms and Landowners of Uzbekistan - to the Minister of Investments and Foreign Trade of the Republic of Uzbekistan for the effective implementation of the activities of agricultural associations established to ensure the employment of low-income families, for the effective use of funds allocated for the development of agriculture. - to attract funds from international financial institutions to finance the system of cultivation, processing and export of fruit and vegetable and grape products, effective organization of the system of state support for organizations exporting and providing services to them, Chairman of the State Forestry Department of the Republic of Uzbekistan – Organization of fruit orchards with nuts, expansion of cultivation and export of products such as pistachios, almonds and nuts, Director of the Agency for the Development of Horticulture and greenhouses under the Ministry of Agriculture of the Republic of Uzbekistan, Director of the Agency for the Development of Viticulture and Winemaking – restoration of new intensive garden vineyards on lands with unsuitable gardens, greenhouses and vineyards, construction of greenhouses, organization of agricultural associations and clusters of fruits and vegetables based on fields of crops that were subsequently leased on the same territory, the place of the Minister of Finance of the Republic of Uzbekistan - providing the state fund with the necessary financial resources to support – ninety-nine methods of cultivation and timely cultivation of fabulous crops, in which the full cultivation of products of the specified type and size was established.

The adoption of government resolutions on the adoption of measures for targeted support of the activities of fruit and vegetable clusters established in 2020, the regulation on the procedure for the restoration of intensive garden vineyards, the construction of greenhouses and their issuance to the population on the basis of leasing and lending conditions, the regulation on the procedure for finding garden vineyards, as well as on the procedure for leasing them.

Conclusions.

Instead of concluding, it should be noted that the implementation of the above measures provided for by the state program for the development of value chains in agricultural production ensures the delivery of fruit and vegetable products abroad in high quality. In addition, it is urgently necessary to develop the activities of rural infrastructure and its constituent institutions, as well as to further intensify its functions related to agro-industrial complexes. Agricultural products of market entities and production infrastructure should formulate their interaction with producers.

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