

Cluster – A New Opportunity and Effectiveness

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Annotation: In the article, it is emphasized that a number of achievements have been achieved in the field of Agriculture in recent years through the wide application of clusters in our country, the creation of legal foundations in this regard, of course, opens the way for more opportunities.

Keywords: cluster, agriculture, cultivation of cotton, modern technologies, increase productivity, cultivation, fight against pests, agrotechnical measures.

In recent years, a number of achievements have been achieved in the field of Agriculture in our country through the wide application of clusters. In this regard, of course, it is worth noting that the creation of legal foundations opens the way for even more opportunities.

In particular, in accordance with the relevant resolutions of the Cabinet of Ministers of the Republic of Uzbekistan dated 25 January 2018 and on February 28, 2018, a cotton-textile cluster of "Khantex Group" LLC was established in the Kurgantepa District of Andijan region.

According to the decision of the district governor, in 2018 year the land for the cultivation of 858 hectares of cotton was allocated as part of the cluster. Approaches in ground handling have been modified in order to increase productivity. For this purpose, a total of 396 tractors and aggregates were purchased from the leading companies of the world. High-performance tractors carry out the processing, cultivation, fight against diseases and pests, as well as all agrotechnical activities in the most effective way, among which there is a line of gauze.

With these modern techniques, a scheme of 76 cm was applied between the rows of seeds. With the planting of seeds in modern pneumatic drills with high precision, an economy of 750,0-650,0 thousand rubles per hectare was made on the account of spending from 35-40 kilograms instead of 70-80 kilograms. Also, on account of the sowing of seeds not under the film, but in open areas, a total of 850,0 thousand rubles per hectare was achieved.

With the implementation of the cluster method, agrotechnical measures were fully implemented. And on account of the introduction of a new type of mineral fertilizer, farmer farms spent 700-800 kilograms of mineral fertilizer before each hectare without physics, now, proceeding from world experience, in a new way, ammonia without water was spent from 250-300 kilograms. This method of fertilization allowed to bring the yield of cotton to a yield of up to 40 cents per hectare, reducing the amount spent on it by 30%.

The reduction in the cost of cotton raw materials grown was achieved by harvesting the grown cotton crop in special cotton Combs in a short period of time cheaply and qualitatively and by reducing the above costs.

Another win-win aspect needs to be recognized separately. In 2019, with the Israeli state company NETAFIN, modern drip irrigation technology was introduced on 81,0 hectares of land and a total of 496.0 tons of cotton raw materials were grown from an average of 61.2 cents per hectare of land.

Today, on the basis of the cluster, the US company Lummus established a cotton cleaning enterprise "Khantex Cotton" LLC, equipped with the most modern machines. Cotton raw materials grown in the district are stored in 4 cotton reception facilities and processed in a cotton cleaning plant.

The machine tools are economical, have high production capacity, on account of the most basic innovation solutions, the cotton fiber is processed clean and high quality. The enterprise was launched in February 2019 and currently employs about 200 citizens.

To date, "Khantex Group" LLC tekstileksi has been fully completed and put into operation. Installed looms are the latest models of the world's leading manufacturers of textile looms, economical and environmental looms, and thanks to their activity at the enterprise, 10.4 thousand tons of cotton fiber is fully processed annually, 9.4 thousand tons of yarn-coil, 2.1 thousand tons of knitted fabric, 4 million fabrics and

10.0 million pieces of ready-made sewing knitted products are More than 40 million dollars a year are exported by the enterprise.

The "Khantex innovation scientific and practical production center", equipped with all laboratory equipment for the introduction of new innovations, achievements and innovations of Science established under the cotton-textile cluster, is working on the introduction of new innovations, achievements and innovations of Science, in order to engage in scientific and practical research with wide coverage in all areas of agriculture, including cotton and.

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