

## AQUACULTURE OF WATER-EFFICIENT IRRIGATION TECHNOLOGIES IN THE CULTIVATION OF AUTUMN GRAIN CROPS ON SALINE AND SALINE-PRONE SOILS.

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### **Abstract**

The article says that while the seasonal watering norm spent on the cultivation of the starshina variety of autumn wheat was equal to 6421 cbm/ha, in Option 2, that is, watering received soil moisture 70-75-75% compared to ChDNS, the norm of fertilizers from the mine is N250; P180; in the wheat field in the norm of K90 kg/, while in the autumn.

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### **Introduction.**

One of the urgent tasks is the widespread introduction of soil-preserving resource-intensive technologies in the conduct of World Agriculture. "Soil-protecting resurstejamkor technologies have been 100 in Brazil, Argentina, USA, Canada, Australia and many other countries for almost 10 years mln.ga wide introduction in the field". Through the extensive introduction of soil-preserving resurstejamkor technologies, savings of fuel and lubricants, improvement of agrophysical soil properties, high and high-quality crop yields are achieved. Today, special attention is paid to the cultivation of low-cost, environmentally pure products, while achieving a reduction in the volume mass and an increase in porosity of the soil, increasing the amount of humus at the expense of plant residues, as a result of the application of resurstejamkor agrotechnologies of basic soil processing in the cultivation of autumn bushy grain crops in World Agriculture. In particular, the development of pre-planting Agrotechnology in the field of soil protection, the creation of agrotechnologies, improving the agrophysical and agrochemical properties of the soil, meeting the needs of the population for food and livestock forage, increasing the yield of Acorn grain crops is one of the pressing issues.

### **Watering procedure of autumn wheat.**

One of the distinctive agrotechnical features of autumn wheat cultivation is its planting and partial care in the fall, and the following year in the spring, continuing care, to ensure that a rich grain harvest is obtained. Therefore, all agrotechnical activities necessary for the cultivation of autumn wheat are adapted to these deadlines. For example, activities such as preparing the land for planting, full germination of seeds, mineral feeding of the crop, salt washing are held in the fall, while activities such as spring-growing irrigation, feeding with nitrogen fertilizers, weed control, harvesting are held in the spring months.

When growing winter wheat on saline soils, there are no options for Salt washing based on a separate special technology in order to reduce the influence of salts contained in the soil on plants. Therefore, all types of irrigation that are carried out in the cultivation of autumn wheat on saline lands are to create a reserve of moisture in the soil on the one hand, timely and complete germination of

seeds, and moderate the growth and development of wheat, while on the other hand, the irrigation water provided is to wash salts in the active (0-100 cm) layer of To fulfill both of these purposes, irrigation is carried out in the autumn wheat field for different purposes at different periods.

Such types of irrigation include irrigation before preparing the land to fully germinate the seed, irrigation to wash the soil brine, and irrigation during the growing season.

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