



1-rasm. Soya navlarini etishtirishda moillik darajasining uzgarishi

In our research, the amount of oil in grain increased by 19.3-21.1% on average when nitrogen fertilizers were applied at 60 kg/ha, 20.8-22.6% when 90 kg/ha were applied, and when fed at 120 kg/ha It was found to be 21.9-22.9%.

The highest nitrogen fertilizer rate was used, and in the N150 option, the amount of oil in the grain was 21.2-22.3%, 3.0-3.6% higher compared to the control option, and 0.6-0.7% lower compared to the N120 option. . When analyzed by varieties, it was found that the highest indicator was in the Oyjamol variety (22.9%) in the N120 variant, and the lowest indicator was in the Seleкто-201 variety (17.6%) in the control (nitrogen-free) variant.

In conclusion, it can be said that in the conditions of the southern region of the republic (light gray soils of Kashkadarya region), it is appropriate to use 120 kg of nitrogen fertilizer per hectare to ensure a high amount of oil in soybean cultivation.

An increase in the amount of nitrogen from 120 kg/ha leads to a decrease in the amount of oil. This can be explained by the fact that when 150 kg of nitrogen is applied per hectare, the strong growth of soybeans (swelling) causes incomplete ripening of the grain and negatively affects the formation of oil in the grain.

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