

**INFLUENCE OF DIFFERENT TYPES OF POTASSIUM AND
COMPLEX WATER-SOLUBLE FERTILIZER ON YIELD AND QUALITY
OF WHITE CABBAGE LATE ON A DARK GRAY PODZOLIC SOIL.**

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The effect of different type of potassium fertilizers for foliar application on yield and quality of cabbage was researched. We had used new type of fertilizers for foliar application. These were Folicare and EPSO Microtop. The best yield and quality of cabbage were got in treatment with bases application of sulfate of potash magnesia plus foliar application of Folicare.

Mineral fertilizers, foliar application, yield of cabbage, quality of cabbage.

The maximum yield of cabbage piznosty-hloyi achieved by a combination of solid fertilizers normal N120P100K160 of out-root feeding of water soluble fertilizers. By entering Folicare and kaliymahneziyi yield was 78.6 t / ha and EPSO Microtop with Patentkali - 81,6 t / ha.

An important indicator for late cabbage that is designed to store, is the relationship between potassium and nitrogen in bare-vkah cabbage. Recommends VD Seagulls, late white cabbage has laid deposited by the coefficient of K_2O / N not lower than 1.15. In our case, in all instances, this ratio is ne-revyschuvalo 1.15. The smallest it has been in control (0.60), and the largest - the use of potassium chloride in the composition N90P100K160. Significant differences for the content of organic acids for making various kinds of potash were found.

Using kaliymahneziyi and complex water-soluble fertilizer Folicare achieved highest quality heads. Thus, the dry matter content was 10.6%, Vitamin C - 41.2 mg%, nitrates - 487 mg / kg, the ratio of potassium to nitrogen - 0.77. It should be noted that high enough quality parameters were also obtained by introducing potassium sulfate and EPSO Microtop.