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**THE INFLUENCE OF REFLECTIVE KAOLIN APPLICATION
RATES ON GROWTH, DEVELOPMENT AND YIELD OF POTATOES IN
SUMMER PERIOD.**

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*Deals with the results of three-year studies of the impact of norms making
kaolin on potato plants Smoky grade for summer planting period.*

Drought conditions, kaolin, potato, late blight, yield.

The use of kaolin as anti transpiranta and light reflector by spraying on top of the leaves of potato varieties in different ways mist irrigation and planting during the summer period of 2010-2012 made it possible to draw the following conclusions:

1) kaolin by all rules applying reduced leaf blade surface temperature and its thickness over the entire period counts more than water treatment. The largest increase in the number of stems was observed in variants where used kaolin processing, and the least - under control;

2) In 2010, the maximum high temperature applications ka-Olin made a significant premium compared to controls. In 2011-2012 History-tual allowances received. Kaolin as antytranspirant shows high efficiency only when its use before the onset nespry-yatlyvyh conditions for potato plants at high temperature. The impact on the spread of Phytophthora kaolin were found.

Prevalence of late blight of potato varieties Haze la deposits of kaolin application rates, irrigation method and timing of accounting. High summer temperatures in August hampered as circulated nude and intensity of development of late blight. That is why these figures all variants were always lower than tripled in the first term of surveys conducted in the phase of budding and flowering potato plants. High humidity and temperature decrease these rates increased markedly in

the second period into account when dry stalks. Rubbish should be noted that late blight spread to the whole plant Tuber IPT, and not just on the bottom.

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