

USE OF BIOPOLICIDE AND ECOTON IN VEGETABLES GROWING TECHNOLOGY

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It was found that the utilization of Ecoton reduced the quantity of rhizosphere micromycetes in 28%, Biopolicide – in 62 and combined with Phosphoenteryn – in 52%. Biological effectiveness of these activities is more than 50%. According to the average results for 2008–2010, seed treatment with Ecotone increased the yield of cucumber in 13,4 %, Biopolicide – in 17,9 and combined with Fosfoenteryn – in 18,4%.

Cucumber, biological preparations, biological activity, root rot, plant productivity.

In the context of 2010 with high rainfall and lack of sharp co-Lebanon temperature germination of cucumber plants in the control ESTATE was higher than in previous years and amounted to 53%. Under these conditions, drugs and Fosfoenterin Biopolitsid increased germination by 6.2 and 12.2%, respectively. In the embodiment with the reference second fungicide apron observed detention field germination.

One of the reasons why the field germination is the development of Renev. 2008 was characterized by the highest development of the disease (Table. 2), since the conditions this year have been favorable for the spread of soil pathogens. Due to processing Ecotone been improved medic-term crop conditions for the development of root rot in 2.2 times and the spread of disease by 2.5 times. Using Biopolitsid helped to reduce the spread of root rot by 2.1 times, and for its combination with

Fosfoenterinom 2.3, the development of disease decreased by 1.9 and 2 times, respectively.

In 2009, there were fewer prevalence and development of root rot in the control variant as compared to 2008. Preparations protective action Ecotone, Biopolitsid and analyzed complex preparations contain the spread of diseases in the 2.0-2.2 times, and their development 2.3 2.6.

Influence of chemical and biological agents on the affected cortex cucumber rotion is determined by the biological effectiveness. Over 3 years of research products were characterized by the highest efficiency of protective action Ecotone and complex biological products, the effectiveness of which has been

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