



The plant biomass in the test plots amounted, on average, to 209% of the uncontaminated control.

Therefore, the field test results make it possible to draw the conclusion that the organic humic potash peat-based fertilizer 'Gumat-Organik' is highly effective as a plant growth and development stimulant and a powerful activator of their immune system.

Candidate of biological science, senior research fellow of the Soil Chemistry Department,
Soil Science Faculty, Moscow State University

A.A. Stepanov