



Modificarea activității enzimelor redox sub acțiunea fungicidelor

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The large use of pesticides supposed the amelioration of various variable production and technological indices. But very often the expected results are accompanied by side effects that appear in different phenotypes depending on the sensitivity and adjusting capacity of the vegetal organism to an exogenous factor. Oxido-reducing enzymes activity represents an index of organism adjustability depending on the utilized substrate and redox state of cells. The research of catalase and peroxidase of various organisms of wheat and corn plants under the influence of Fundazol and Tiram had been carried out. Obtained results reflect certain functional correlations determined by organ, species, nature and concentration of utilized fungicides.