

Bioved. 18(1,2) : 69-71, 2007

EFFECT OF DIFFERENT CONCENTRATION OF COPPER ON PEROXIDASE ENZYME ACTIVITY OF *VICIA FABA* L.

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Received May 16, 2007 and Accepted September 4, 2007

ABSTRACT : This paper is devoted to the effect of copper on peroxidase specific activity in *Vicia faba* L. seedling. Exposure to relatively low copper level (8-64 μ M), increased activity of peroxidase specific activity in roots and shoot leaves of *Vicia faba* L. This unique physiological mental induced behaviour of the enzyme is of great significance. However, exposure to other high copper level (96 and 125 μ M) suppress the enzyme activity and causes severe phyto toxic effect.

Key Words : Peroxidase, copper stress and phosphate buffer.