



DOLJ county main soil types characterization regarding mn quantity

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The plant nutrition problem from the microelement (Mn, Zn, Cu, Mo, Co, etc.) quantity point of view is very important. Mn quantity has a very important part to play in different enzymatic systems, being a part in some respiratory enzyme and activator of oxidoreductase enzyme: arginase, decarboxylase, enolase, hydrolase, peptidase, piruvatcarboxylase, transferase, fosfokinase, fosfotransferase, fosfomutaze etc. In living organisms Mn has to play a multilateral role and his action is closely bound to Fe one, with whom has to be in certain equilibrium. In plant is considered that between Fe and Mn has to be a certain ratio aspect around 1,5-2,5.