



STUDIUL CONCENTRAȚIEI UNOR MICROELEMENTE ÎN PLANTELE DE GRÂU STUDY OF CONCENTRATION IN MICROELEMENTS IN WHEAT PLANTS

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The micronutrients iron, manganese and zinc have an essential role in the metabolism of plants and animal nutrition. Their physiological effect is correlated as the electronic structure and the energetic states of ions. In this work there were done determinations about the micronutrients contents of wheat plants on a short period of their growth from 0 days until 30 days. There were done determinations of micronutrients into wheat grain. The concentration of the three micronutrients in the dry matter of wheat seed was following: Mn-47.098, Fe-43.53, Zn-32.408. The content of the nutrients studied on the grain plants depends of the type of soils, temperature, light, pH of soil solution. The mobility and availability of soil micronutrients depend of pH, oxidation-reduction potential of soil and micronutrients, soil texture, organic matter, chelation of micronutrients, salts and carbonate content.