



## Le contrôle écologique de la rouille jaune par l'intermédiaire des fertilisateurs foliaires spéciaux

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The present work points out to the interdisciplinary experimental results, obtained in the experimental fields of the Plant Protection and Soil Science Department, as well as at data which stress upon the interdependency between the satisfaction of the trophical needs of the wheat plants and the aggressiveness of the phytopathogen agents which cause the disease. The biological material which has been employed during this experiment was the Arieșan soil. The experiment extended upon eleven foliar fertilization variants and upon two soil fertilization variants and it consisted of four repeated operations. The experimental results underline the fact that the attack level expressed through intensity and attack degree is different both with the extraradicular fertilized variants and with the soil fertilization variants. The conclusions which come off the study of the obtained data point out at the fact that the fertilizer application, no matter the method, determines the growth or the regress of the attack degree. They also have an influence upon the *Puccinia striiformis* f.sp. *tritici* fungus manifestation.