



SOME PHYSIOLOGICAL MODIFICATION INDUCED BY SIMAZIN TREATMENT ON BARLEY CULTIVARS UNELE MODIFICARI FIZIOLOGICE INDUSE DE TRATAMENTUL CU SIMAZIN PE CULTURILE DE ORZ

Gabriela CAPRARU, Iuliana Csilla BARA,
I. BARA - Universitatea "Al. I. Cuza" Iasi
Elena MAXIM - Scoala Generala Nr. 6 "Mihai Eminescu" Vaslui

Our study shows some physiological indicator modified after Simazin herbicide treatment at Ma da lin and Adi cultivars. The energy and faculty of germination decrease proportional to the increase of pesticide concentration. The balance between the chlorophyllian and carotenoid pigments present an important increase at Ma da lin cultivar at the maximum variant of treatment. The total water and dry substance content was modified only 0.1 % Simazin variant at both cultivar analysed.