



The influence of biostimulators concentration upon the production of three wheat varieties grown under Ezăreni Iași enviromental conditions

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In the 2008/2009 crop year at the Ezăreni Iași farm, we investigated the effect of the biostimulators and their concentration on production of winter wheat varieties, Boema, Crina and Flamura 85. The extraradicular application of biostimulators determined increased grain production, the highest value of 3548.0 kg / ha being obtained in the variant treated with BCO-4DMA. The 12.5 ppm concentration achieve a production of 3506.1 kg/ha, this variant being the control variant. The variety which obtained the highest production (3583.5 kg / ha), with a very significant difference from the control, is Boema, created by ICCPT Fundulea. The interaction between varieties x biostimulators x concentrations showed biostimulator BCO- 4DMA x 12.5 ppm concentration x Boema variety, with a difference from the control variant of 1787 kg / ha.