



The influence of fertilization and variety on winter wheat production

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In the environmental conditions of years 2005-2009, on a chernozem soil from SCDA Podu Iloaiei have done research on the 12 varieties of wheat, on three levels of fertilization: N0P0K0; N60P80K80 and N120P80K80. In the average on three years, the influence of the interaction between the two factors was manifested by the highest grain production, 8570 kg / ha in variant N120P80K80 x Faur variety, with a very significant difference from control variant (N0P0K0 x Gabriela variety) who obtained 5586.7 kg / ha. Analyzing the influence factors, have found these: the dose of fertilizer N120P80K80 came in first place with a production of 8123.7 kg / ha, with 26.18% higher than the control variant (N0P0K0). Faur variety was the most productive with 7853.7 kg / ha, with 24.06% higher than the control variant, Gabriela variety, with 6330.7 kg / ha.