



Studiu comparativ al productivității unor hibrizi F1 de porumb față de formele parentale

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The biological material studied it has been represented by six consanguine lines of maize and five F1 hybrids, obtained through the process of incomplete diallelon hybridization of the consanguine lines. As a result of the heterozygosis effect, the increase of the yield at the hybrids in comparison with the maternal form has been over 150% in water and unwater conditions. Also the increase of the yield in comparison with the has been over 200%. The hybrid combinations Lc 1 x Lc 6 and Lc 1 x Lc 5 noticed themselves in comparison with the maternal form and also the hybrid combinations Lc 1 x Lc 3 and Lc 1 x Lc 5, in comparison with the parental forms.