



Investigations on the influence of some technological factors on the biomass production in maize (*Zea Maïs* l.), for biofuel, under conditions of lower basin of the Siret river

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The strategy of the European Union for biofuels grounds on the use of biomass, while the farming production is assessed as a future alternative source for the energetic system. Biomass is an unconventional solid fuel source, with great heating power and low price, and is renewable in short time, which results in thermal power station working at low costs and high efficiency. One of these sources is maize, which ecological and economic advantages are highly assessed by specialists. The heating power of dry maize was estimated at 4.718-6.200 kcal/kg, thus greatly increasing the interest for the production and use of maize biomass as energy source. The goal of this paper was to study the influence of some technological factors on the biomass production in maize crop.