



## Cercetări privind influența desimii plantelor asupra producției la câțiva hibrizi de floarea soarelui în condițiile ecologice de la Ezăreni-Iași

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The experience was carried out in the East of Romania, in the Didactical Station of USAMV Iasi - Ezareni, on a cambic chernozem with a clay-loamy texture, 12,6 mg P<sub>2</sub>O<sub>5</sub> and 20,2 mg K<sub>2</sub>O at 100 g soil, during 2005-2006. In this experiment has been followed the interaction between the sunflower hybrids x plant density on achene's yield. The influence of hybrid on achene's yield has been materialized in the biggest production - 3746 kg/ha at Performer hybrid (average yield after 2 years of experimentation). The variant with 40000 plants/ha and 3068 kg/ha yield has been situated on the first place and the 30000 plants/ha on the last place; the interaction between hybrid x density singularized the Performer hybrid at 40000 plants/ha density with 3855 kg/ha yield, on the last place been situated on each hybrid the 30000 plants/ha density.