



## The influence of nitrogen and organic fertilizers upon seed production at the Fescue (*Festuca Pratensis*)

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The researches were accomplished during period 2005-2008 at Agricultural Research and Development Station of Suceava and followed the nitrogen fertilizer effect in comparison with nitrogen from purin upon the seed production at the fescue crop (*Festuca pratensis*). We observed the positive effect of the mineral and organic nitrogen upon seed production when the doses were on N60 in the first year and N90 in the next years. At the doses on N90 in the first year and N120 in the next years we noticed a seeds yield decreases when the nitrogen was applied in only one round during the spring or in the autumn. But when we applied the fractioned doses ( $\frac{1}{2}$  in the spring and  $\frac{1}{2}$  in the autumn) the seed production had a different manifestation. Also, it was produced some modifications upon the values of one thousand kernel weight function nitrogen dose, its form and administration mode.