

## **RESEARCH ON WATER CONSUMPTION AND PRODUCTION OF RED CLOVER ON A EROSIONAL ARRANGED LAND IN CHINTENI, CLUJ COUNTY**

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### **Abstract**

As it is known fodder legumes applied irrigation is one of the key measures that are to be taken both in arid and semi-arid and sub-humid areas, where only two or three waterings can get big bonuses harvest inexpensively. The result was two-way experience for both red clover in pure culture and for its mixture with *lolium perenne* (perennial ryegrass). For these cultures were determined the productions obtained for experiments located on slope applying differentiated fertilization. The results highlight once again the importance of water factor in producing forages of perennial grasses, which as we know the phyto-mass recover several times during the growing season.

**Key words:** erosion, water consumption, irrigation, perennial herbs

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