PRODUCTION RESULTS OBTAINED AT MONOECIOUS HEMP VARIATIES FOR FIBER AFTER „SECUIENI METHOD"

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Abstract

In this paper are presented the results obtained regarding the evolution of monoecious hemp for fiber crop by applying the „Secuieni method", method which consists in applying shearings during the intense growth phase of the plant. The great advantage of this method is that the seed norm is reduced from 60 kg/ha to 6 kg/ha, and as a result of the shearings applied at the leaves insert will grow 2 – 6 lateral shoots, reduced that increase the fiber production. Another advantage is the plants small size, which does not exceed 3 m. In the research conducted at A.R.D.S Secuieni, during 2011 – 2013, this method was applied to three monoecious hemp varieties (Diana, Denise and Dacia). The results obtained in the conducted experiments revealed that the productions, both at the fiber and the seed, were strongly influenced by the climatic conditions of the area, these being different in the two experimental years and the results are presented separately on each year of study. At the uncut variant were achieved the highest yields, which is justified by the fact that the plants have developed luxuriant, but instead the fiber quality is lower. The plant subjected to shearing, develops branches, the number of harvestable stems is doubled or even tripled, resulting a slightly lower production, but of a superior quality compared to the uncut variant.

Key words: monoecious hemp, production, branches, shearing.