



STUDY ON INFLUENCE OF THE GROWTH REGULATOR FLORAMIL ON THE PRODUCTIVITY AND QUALITY OF LINSEED FLAX

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The study was carried out in 2004 - 2006 in the experimental field of the Agriculture University- Plovdiv after the block method in four replications with size of the yield plots 20 m² - variety Lifl ora. The preparation was tested in the different rates and phases. The biostimulator FLORAMIL introduced in phase beginning of flowering in rate 0.1 L ha⁻¹ increased the yield of flax seeds with 8.61 %. The increase of the yield was in result of the formation of a larger number of capsules and seeds and the higher weight of the seeds per plant in this variant. In view of the chemical composition the strongest positive effect was observed in variant C1 and C2. The statistic processing of the data was made according to ANOVA, DUNKAN - multiple-range test.

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