



Studii biochimice si fiziologice privind comportarea unor hibrizi de floarea soarelui cultivati in Campia Moldovei

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A very significant role in the accumulation of sunflower yield is paid by plant nutrition, which is not well known, because the harvesting index is relatively low – 0.40. Many scientists believe that sunflower responds slower at fertilization, because of the well-developed root system, with great solubilization and adsorption of nutrients from soil. Investigations have watched the influence of genotype (5 sunflower hybrids cultivated in the area) and the effect of nitrogen, phosphorus and potassium nutrients on the biology of leaf apparatus, transportation activity of assimilated substances and intensity of photosynthesis in correlation with the ecological conditions of the area.