A PROBABLE CAUSE OF THE SMALL RESPONSE TO FERTILIZERS IN THE COTTON REGIONS OF ARMENIA

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The results obtained from the use of mineral fertilizers in the cotton regions of Armenia are in full agreement with the experimental data of the last two to three years, viz., that in some cases the cotton plant does not react satisfactorily to mineral fertilizers and therefore the cotton yields do not differ greatly from those of the unfertilized fields. The lack of positive results is sometimes a hindrance to popularizing the need for and the economic returns from the use of commercial fertilizers. The purpose of the work reported here was to attempt to determine the cause of the negative results obtained as revealed by the feeding process of the cotton plant.

The results of experiments with mineral fertilizers in the cotton districts of Armenia (Echmiadzin, Kourdoukuly), available for several consecutive years, show that the cotton plant is reacting

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