THE EFFECT OF FOLIAR FERTILIZERS AS NECONVENTIONAL INTERVENTION METHODS IN THE DIFFERENTIATED FERTILIZATION SYSTEMS OF MAIZE CULTURE

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SUMMARY

The paper represents foliar fertilization testing on maize crop in Transilvania area on a chernozem soil (phaeosem) for quantitative and qualitative increase of grain maize yield on hectare.

The obtained maize culture yield results certify the essential effect of the soil complex fertilization (with NP) and the secondary character of the foliar fertilizers application, indifferently of the applied sort. The fertilizers complex soil application ensures high and stable maize yields on the area unit, even their level, on the other hand the foliar fertilizers regulate the nutrition of this crop, preventing of some nutritive deficiencies and a nutrient cycle without impact processes.

For the gain maize yield in similar pedoecological conditions can be thus recommended fertilization solution which enhances the degree of interaction of the soil complex fertilization with the additional and correction fertilization realized by well balanced foliar fertilizers.