The use of biologically fertilisers and stimulators for the cucumbers grown

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Key word: castraveți, Bionat, Cropmax, Kristalon, macerat de urzică, biologic

SUMMARY

In vegetable practice, the cucumber grown are very good implemented in the openend fields, in to protected and forced areas and for this reason the researcher’s interest is high, specially for the cucumber crop in to green house. In these areas the fertilisation are every-day and the the residual product can be findet in the final product and can affect the health of consumer.

In this study we use the Amour hybrid and the transplant are produced in polystirene box filled with peat, fixed in the wood box. These box were armed with polietylene thin layer and contain nourishing solution.

The produced transplant was replanted in to could green house at Didactic and Experimental Resort Banu Maracine in April 27, 2007. The study contain five experimental variants (V1- Reference Variant – unfertilised, V2 – with Bionat 0,15%, V3 – with Cropmax 0,15%, V4 – with omogenised nettle, V5- with Kristalon 0,15%). It was applied three treatment during a seven days, after each treatment were maked the specific observations and analisys.

The variants were treated with Cropmax are taller than others and present an increased diameter. A second place after diameter and high criteria was occupied by the V4 and the third place was occupied by treated with Kristalon variant.

The treated with omogenised nettle plants prove an intense green colour comparative with V2 (Bionat) that prove a light green colour.

The V4 variant (with omogenised nettle) prove strongly resistance against insect and microorganism attack. The experiment cover just the first year and must be continued .The obtained production was encouraging and for this reason the researches to do on.

The cucumber average weight was between 66,0-79,3 g and the greattest vallue was registred at untreted Reference Variant. The Reference Variant was followd by V4, V5, V2, V3. Remarkably were V3 and V2 with little fruits – very good for to preserve. The best destination for Reference Variant and V4 and V5 are the consumption in the fresh state.

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