

TRANSDNISTRIAN MOLDOVIAN REPUBLIC.
GREENHOUSE VEGETABLE INDUSTRIAL COMPLEX "HALPARK" LTD

TMR SLOBODZIA REGION, v. PARKANI

REPORT
on testing of pre-planting treatment NANO-GRO™

In March, 2005 tests were performed of the Nano-Gro™ pre-planting treatment on tomatoes and cucumbers. The plants were planted in soil inside winter block greenhouses.

Tomato and cucumber seedlings with growth phase of 2-3 real leaves were treated with the following aqueous solution of treatment: for 1L of water one pellet of Nano-Gro™ were mixed in a density of approximately 30ml per each seedling. They were tested on Holland hybrids.

Treatment Totals: cucumbers – 7800 plants
tomatoes – 1000 plants

Seedlings were planted in the phase of 3-4 real leaves. The area of treated cucumbers was 3900 square meters and for tomatoes 460 square meters. For comparison purposes equal numbers of the same hybrid were planted without treatment as a control.

Plant conditions were screened and recorded once every 10 days. The results showed that the treated plants differed greatly compared to those not treated, namely:

1. The seedlings grew faster and entered the fruitage phase 5 days earlier.
2. The rootstock of treated seedlings was stronger than of those without treatment.
3. There were significant differences in size and hue of foliage.
4. Resisted disease much longer than those not treated
5. Exhibited less signs of stress during temporary falls and rises of temperature.

As of August 1st, 2005 the yield of treated plants was 18-22% higher than of those without treatment. The final results of the experiment will be provided upon completion of the vegetation period. As a conclusion from above-said, this product has a considerable influence on plants' growth and prevents the evolution of diseases.

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