

## **Application of Bio-stimulator Biocomplex 900 in Producing Tomato (*Lycopersicon esculentum* Mill.) Seedling**

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**Abstract:** Applications of bio-stimulant Biocomplex 900 was studied in this paper in the production of tomato (*Lycopersicon Esculentum* Mill) seedling and the hybrid *Belle* was used. Indicators of growth and development were studied: mass of fresh root matter, stem and leaves, leaf area and the content of photosynthetic parameters in the leaf. A natural bio-stimulator was used in these studies as the ecological preparation, since it contains the seaweed *Ascophyllum nodosum* with high content of alginic acids, micro elements and amino acids. The application of this bio-stimulant showed very positive impact, compared to the control (untreated) variant and increased the values of almost all investigated parameters.

**Key words:** growth stimulants, eco preparation, tomat

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