

**95-0372**

The invention relates to the agriculture, namely to the plant cultivation.

The summary of the invention consists in the tomato seeds presowing treatment with a physiological active substance in the capacity of which is used the aqueous extract of *Spirulina olatensis* (Nordst) Geitl Calu - 835 microalga biomass in the concentration of 0,25-1,0% during 6-8 hours.

The technical result consists in the fact that such a treatment activates the physiological and biochemical processes into the plant since the substances of this alga comprise phytohormones, vitamins, proteins and prostoglandines that leads to the fruit amount increasing on one plant with 12,5%, the tomato crop capacity with 40%, the crop quality improvement - the C vitamin amount increases with 8,2%, the organic acids content constitutes 0,9% and the albumin content constitutes 1,64% in comparison with the known method.