

The invention refers to agriculture, in particular to methods of selecting tomato heat resistant genotypes. The proposed method includes cultivation of plants at the optimum temperature, castration of the yellow-greenish buds, artificial pollination in 3 days after castration and plant cultivation during 10 days at the temperature of 27°C at night and 38°C in the daytime in 6...7 days after the artificial pollination, transference of plants in the optimum temperature conditions. In 25 days after the artificial pollination it is carried out collection of immature fruits, sterilization thereof, isolation from the embryo fruits, placement thereof on the Murashige-Skoog nutrient medium and determination of the germinated embryos rate.

Claims: 1