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The invention refers to agriculture, in particular to methods of selecting tomato cold resistant genotypes.
The method, according to the invention, includes cultivation, castration of yellow-green buds, artificial pollination in 3 days after castration, plant cultivation in 10 days after the artificial pollination at the temperature of 6°C at night and of 9°C in the daytime during 10 days and plant transfer in optimum temperature conditions. Within 25 days after the artificial pollination it is carried out collection of immature fruits, sterilization thereof, isolation from fruits embryos, placement thereof on nutrient medium and determination of the germinated embryos percent.
The result consists in diminishing the time of selection of tomato cold resistant genotypes and in increasing the authenticity of their selection.

Claims: 1