



Tomato for protected cultivation under glass or plastic

KS-RS-02 TICA

German Plant Variety Registry Code:
TMT 02214 (Naktuinbouw)

Breeder:

Richard SPECHT

Variety Description:

TICA is a variety that belongs to the light-fruit type of tomato with flat-round, two- to three-chambered fruits. This medium robust, middle-early tomato variety is suitable for cultivation under glass and plastic. It combines a harmonic plant configuration with good and uniform generative development for a very constant harvest.

The plant is characterized by the small fine leaves and has relatively short internodes. Plant maintenance care is minimal due to the short internodes. The fruits hold relatively firmly to the fruiting stalk which requires some practice for a quick harvest. The firm, shiny, red fruits are particularly suitable for piece harvest in a half-full to full-ripened condition with beautiful dark green sepals.

The variety matures relatively late on the plant and then ripens slowly thereafter. The fruits are firm and also in difficult conditions they tend not to split. The juicy, 80-100 g, very long-keeping fruits are appropriate for sale to retailers or direct marketing. A delicious fruit with a light sour note. Very suitable for the cultivation period from March to October in the layer system. Resistances: *Fusarium oxysporum* (Fol 0,1), *Cladosporium* (Ff A-E), Tomato mosaic virus (TMV 0,1,2), *Verticillium*.

Breeding History:

This variety was developed out of the hybrid variety PANNOVY. In 1997 the first seed was taken and in 1998 the first propagation was carried out to begin selection. The variety split into its parent lines and the range of combinations from them. Due to the individual plant selection carried out over many generations, the spectrum could be narrowed further in the desired direction in each breeding cycle, and the idea of the variety could also be better grasped. The aim of the breeding was to develop a delicious,

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high-yielding tomato for professional organic farming. The breeding lines stood throughout the years under biodynamic cultivation at Piluweri vegetable farm and were accompanied by an intensive use of the biodynamic spray preparations.

The variety was entered for registry trial in 2010 at the NAK in the Netherlands. Maintenance breeding of TICA is carried out at Piluweri. The organization of the multiplication and commercialization of sale seed is, among other things, the responsibility of the Bingenheimer Saatgut AG.