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Effect of water soluble fertilizers on qualitative parameters of tomato

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ABSTRACT : The investigation on the effect of water soluble fertilizers (starter and booster) on quality of tomato was carried out at P.G. centre, UHS campus, Gandhi Krishi Vignana Kendra, Bengaluru during summer season, 2011. Combination of starter and booster at 2 per cent along with RDF has resulted in a significant increase in qualitative parameters like pericarp thickness (7.36 mm), fruit firmness (3.81 kg cm⁻²), total soluble solids (4.33), shelf-life (14.12 days) and less physiological loss in weight (28.68 %). However, less titrable acidity (0.51 %) was recorded with combined application of starter and booster at 1.5 per cent.

KEY WORDS : Tomato, Water soluble fertilizers, Qualitative parameters

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