

EFFECT OF DRIP FERTIGATION ON QUALITY OF GUAVA (*PSIDIUM GUAJAVA* L.)

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Abstract: The study on 'Effect of drip fertigation was conducted in the Experimental Farm, Department of Horticulture, Assam Agricultural University, Jorhat during 2009-2010 with Split – Split – Plot Design. The quality parameters were significantly influenced by varieties, drip level and fertigation level. The highest TSS (11.210Brix), total sugar (11.03%), pectin (3.56%) were recorded in T₁₇ (V₂D₂F₁) and highest ascorbic acid (196.55 mg/100g pulp) was recorded in T₁ (V₁D₁F₁). Considering the positive effect on quality parameters, T₁₇ (V₂D₂F₁) is considered to be the best, but from economic point of view T₁₉ (V₂D₂F₃) is preferable.

Keywords: Drip fertigation, quality, Guava

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