

Technology Profile for Guava cv. RCGH-1



Description of technology

It is a hybrid of Sour type x Red fleshed local. Plant growth upright erect type. Fruit medium in size. Yellowish green in colour with red dots at ripening. Fruit suitable for fresh as well as processing purpose.

Flow chart of technology/process

Multiplication of planting material through wedge grafting during February- March on one year old rootstock having pencil thickness.

Area of application

Fruit production, processing and nursery

Equipment required

Shade net house for plant multiplication

Space requirement

100 m²

Plant set up cost

Rs 1.5 lakh approx.

Raw material and production cost

Rs. 15-20/plant

Expected cost of technology (Royalty/Equity/Revenue mode)

Rs. 5.0 lakhs

Quality parameters

TSS (11-11.2%), acidity (0.39-0.40%) and Ascorbic acid content (225-245 mg/100 g).

Site characterization

Suitable for mid hill sub tropics of Meghalaya

Varietal characteristics

Fruit medium (125-160 g) size, yellowish green in colour with red dots at ripening, pulp creamy white, sweet taste, Fruiting 10-15 days earlier than other guava variety. Suitable for fresh consumption.

Commercial aspects

Large scale fruit production, processing and multiplication of planting material.