

TECHNOLOGY FOR GROWING
OF HIGH QUALITY ANTHURIUM
/ DENDROBIUM ORCHID IN NE
REGION

Temperature : Max 36° C
Min 18° C

Humidity : 30 to 80%

Light intensity: 55000 to 65000
LUX

Site Selection : Any land (including wasteland) with good sunlight

water: PH : 5.5 to 6.5

Green house : 50% shade net

Growing media: cocohusk blocks
12 inches length, 9 inches width,
4 inches height

Planting population : 4 plants
/cocohusk blocks

Varieties : D.sonia, kolabeer pink,
Singapore white, Thangsai gold

Watering: 1000 to 1500 Ltrs per 100 m² in watering once.

Fertigation: 1 Kg of complex fertilizer and 250g of multiplex in 500 ltrs of water

Right stage of harvest: Terminal 2 to 3 buds should not be opened.

Post harvest treatment: Always use flower cutter and cut end be dipped in water for atleast 2 to 3 hours

Packing: 10 flower spikes makes a bunch. The cut end be covered with wet cotton and the bunch be put inside a plastic sleeve.

Anthurium

Family: Araceae

Temperature: Max 32 to 34 °C
Min 16 to 18 °C

Light intensity: 18000 to 22000 Lux (Min 10 hours a day)

Site selection: Avoid lowland areas. Land with good air circulation and sunlight be chosen.

Relative humidity: 65 to 85%

Bed size: Bed width 1.2 m
Bed height 30 cm

Media: Cocopeat, cocohusk, charcoal
Green house: 75% shade net

Planting material: Leading varieties from
Holland. Evita, Evita white, Evita
brown, New green, Alexis etc.

Watering: During dry condition
apply water 4-5 ltrs of plain water
every day

Apply water by slow jet emitters
fixed to single line laterals

Fertigation:

Tank A(100 Ltrs water) :

calcium nitrate-13.2 Kgs ,Ammonium nitrate 4.32 Kgs, potassium nitrate-5.76 kgs,iron-1.2 Kgs

Tank B(100 ltrs water) :

Potassium nitrate-4.32 kgs,Mono potassium phosphate-5.52 kgs, Sulphate of potash-3.6 kgs, Magnesium sulphate-9.84 kgs, Borax-0.36 Kgs, Zinc sulphate-0.18 Kgs, Copper sulphate-0.18 kgs,Sodium molybdate-0.18 kgs, Manganese sulphate-0.12 kgs

Disease management:

Root rot.

Collar rot.

Botrytis.

Leaf Blight.

Pest management:

Mites.

Thrips.

Caterpillar.

Snails.

Stage of harvest: when $2/3^{\text{rd}}$ of the candle changes its colour from base.

Post harvest treatment: put the harvested flower in luke warm water.

Packing: Use perforated plastic cover with minimum 6 holes in it. Cut end of the stalk be covered with wet cotton and tied with plastic cover by a rubber band.