

Arecanut

Condition of soil	Well drained, red loam, lateritic loam or alluvial loam		
Varieties	<i>Mangla (VTL -3), Calicut 17, Calicut 31, Calicut 35 and SCRDT - 18</i>		
Seed rate (kg / ha)	10 - 12		
Seed treatment with fungicides	Thiram or captan @ 3g/kg		
Planting time	June - July		
Spacing	Seedlings /ha		
	Spacing	Square	Triangular
	2.7 X 2.7m	1371	1584
	3 X 3m	1111	1283
Method of planting	Pits of 45X 45 X 45 X 45cm are required. Pits to be dug up during Feb – March and fill it with top soil, compost or FYM. Plant the seedlings in centre of the pit at least 10cm below the ground. Provide proper drainage in all pits to facilitate drainage during high rainfall period		
Manures (kg/palm/year)	20		
Fertilizers (kg/ha)	Nutrient	Premonsoon (April – May)	Postmonsoon (Oct – Nov)
	N	35	65
	P ₂ O ₅	15	30
	K ₂ O	45	100
Interculture(nos)	Basin to be made during April – May and Oct - Nov at a radius of 1 m from the palm. Soils within basin to be tilled and proper bunds made		
Intercrops and cover crops	Cinnamon, blackpepper, clove, papaya and banana		
Diseases and control	Fruit rot, bud rot - 1 % Bordeaux mixture or 33g copper oxychloride in 10 litre of water as prophylactic spray and splitting the stem – Tie the leaves all around on the stem or paint the stem with lime slurry		
Pest and control	Mite – 1.5 ml / l of Dimethoate		
	Root grub – Quinolphos @ 120kg / ha		
Harvesting	Nuts are fully ripened.		
Yield (t/ha)	2.5 - 4		