

- AGRICULTURAL AND HORTICULTURAL RESEARCH STATION,
THIRTHAHALLI (ZONE-9)**



Karnataka has three major agro climatic regions where arecanut is grown *viz.*, Malnad, Coastal and Maidan regions. Due to geographical limitations, people of Malnad region are restricted from cultivating other commercial crops. The areca farmers of Malnad are facing numerous problems such as Mahali/ fruit rot/ Koleroga of areca, Inflorescence dieback, Button/nut shedding, Crown/bud rot, Leaf spot, Yellow leaf disease, Root grub, Pentatomid bug- tender nut drop, Spindle bug, Nut split, Acidic soil, Cross node, Improper crop management practices, ill drainage *etc.*, leading to low crop yield. Consequent to lot of requests from growers of Malnad region, the Government of Karnataka has established Research Station during 2008 to take up detailed study on Areca nut and other inter related crops.

Brief Information

Particulars	Area (ha)
Total area of the station	14.90
Total Cultivable Area	11.81
Area under irrigation	8.40
Area under Rain fed	5.74
Area under cultivable waste	2.40
Area under uncultivable waste	0.40
Area under Building and road	1.25

The soils are red and medium in depth, sandy loam to sandy clay loam in texture. The soils are acidic with a pH of 4.6 to 5.55 and high in organic carbon status. They are high, low and medium with respect to available nitrogen, phosphorous, potassium, respectively. They are high in iron, manganese and copper content and low in boron and zinc.

Research mandate

Mandate crops of the station are arecanut and minor fruit crops. Research is being carried out on Koleroga, standardization of cultural practices and intercropping in arecanut.

