

- **AGRICULTURE AND HORTICULTURE RESEARCH STATION, SRINGERI (ZONE-9)**



The research station was started during 2009 to tackle the problem of Yellow Leaf Disease of Areca nut which is a serious menace in this area.

The AHRS, Sringeri falls under the zone 9 (hilly zone) of agro climatic zones of Karnataka with an elevation of more than 2200 feet above the mean sea level, receiving the average rainfall of 4030 mm annually with more than 100 rainy days. The maximum amount of rainfall occurs during the months June to September. The maximum temperature of this region varies from 25⁰C to 39⁰C whereas minimum temperature ranges from 7⁰C to 20⁰C. The relative humidity ranges from 60 to 92 per cent. The farm is situated at Anegunda, Koppa road, Sringeri,

The research objectives are as follows

- To ascertain the YLD situation in the region.
- To take up research on management of YLD.
- To find out the root cause for the YLD and for the development of effective curative measures and popularizing the same.

The soils are sandy to sandy clay loams with high acidic pH (4.80 to 5.18) and organic Carbon. The soils are low in available phosphorus and medium in available potassium. All micronutrients status is found in sufficient range except Boron.

Particulars	Area (ha)
Total Area of the station	2.40
Cultivable Area	1.24
Land Use Pattern	
Area under sprinkler irrigation	1.20
Area under building	0.04
Area under cultivable waste	-Nil-
Area under uncultivable waste	-Nil-

Research mandates

Conducting research on the control of Yellow Leaf Disease in areca

