

## ZONAL AGRICULTURAL AND HORTICULTURAL RESEARCH STATION, MUDIGERE (HILL ZONE-9)



The Zonal Agricultural and Horticultural Research Station, Mudigere was initially established as **Cardamom Research Station** during IV Plan in 1957 (on 3-9-1957) with 100 per cent ICAR grants for the development of cardamom by conducting research on Crop Improvement, Management and Protection besides developing technology for multiplication of high yielding quality planting materials for distribution to the growers of the region under the State Department of Agriculture.

Later, it was handed over to the State Department of Horticulture in 1963 to carry out the same work in a better footing. An expert committee from ICAR visited the station during 1962 to review the work done and make suggestions. Based on the recommendations of the committee, it was subsequently handed over to the University of Agricultural Sciences, Bangalore in 1965 and renamed as **Regional Research Station**.

Expansion of research field was made by bringing many other horticultural crops in to the technical fold of Regional Research Station, Mudigere in the year 1966.

Research work done and progress was made on cardamom during 1957-70. It received more impetus with the sanction of **AICRP on Spices** in 1971 by ICAR and provided 75 per cent of grants to carryout research activities on spices.

During 1981, NARP Phase-I was implemented to strengthen research on hill rice and other Horticultural crops with the addition of staff and infrastructural facilities followed by implementation of NARP Phase-II during 1989 and it was renamed as **Zonal Agricultural Research Station, Mudigere during 2001**.

In November 2008, it was handed over to the University of Horticultural Sciences, Bagalkot and was renamed as **Regional Horticultural Research and Extension Centre, Mudigere.**

Due to the establishment of a separate University of Agricultural and Horticultural Sciences, Shimoga w.e.f. 21.9.2012 it was again renamed as **Zonal Agricultural and Horticultural Research Station, Mudigere.** This pioneer research station at Hill Zone-9 is presently performing its routine research and extension activities under the supreme guidance of UAHS, Shimoga.

Geographically the centre is situated at an altitude of 982 m. MSL, latitude of 13<sup>0</sup>7'29" North and longitude of 75<sup>0</sup> 37' East. It is 280 kms from the state capital Bangalore, 120 kms from Mangalore (nearest Airport) and 70 kms from Kadur (nearest Railway station). It is located at 3 kms South - West of Mudigere town on Kadur - Mangalore state highway.

The research station represents typical agro climatic features of the hill zone with higher elevation and undulating topography. The mean annual rainfall is about 2,400 mm with mild climate prevailing throughout the year. The soils are red, acidic with pH ranging from 4.80 to 6.00 and sandy loam to loam in texture. The organic carbon content varies from low to medium.

**Brief information**

<b>Particulars</b>	<b>Area (ha)</b>
Total Area of the station	210.29
Cultivable Area	148.55
<b>Land Use Pattern</b>	
Total cultivated Area	126.55
Area under protective irrigation	48.12
Area under Rain fed	78.43
Area under cultivable waste	22.00
Area under uncultivable waste (Ponds, streams, valleys and rocky area)	6.47
Area under building and roads	16.27
Area allotted to college	30.60
Area allotted to KVK	8.40

**Research Mandates**

The important crop on which the research work is progressing is on cardamom, pepper, sapota, guava, flowers, vegetables, paddy and fisheries.