

**ZONAL AGRICULTURAL AND HORTICULTURAL RESEARCH STATION, BRAHMAVAR
(COASTAL ZONE-10)**

The Zonal Agricultural Research Station, Brahmavar was established in the year 1981 based on the recommendations of the Research Review Committee of National Agricultural Research Project (NARP) set up by ICAR in 1979 to take up research in the Coastal Zone. The main objectives of the station include identification of location specific problems of the farmers and to orient research with a multidisciplinary approach. The lead functions include tackling of research problems on coastal farming systems under soil and water management, verifications and testing functions on rice varieties, oilseeds, pulses and sugarcane varieties tolerant to pests, diseases and salinity. Plantation and vegetable crops too come under the purview of the station. Further, the second phase of NARP is envisaged to strengthen the fishery unit at Regional Research Station, Brahmavar and Horticulture unit at Ullal and came into existence from April, 1989.

The station is located 15 kms away from Udupi district Headquarters towards north and is 2 km from Brahmavar towards east on Brahmavar-Someshwar road. The station receives an annual rainfall of 3900 mm, altitude of the research station is 10 m above MSL with latitude of 12⁰ 54' N and longitude of 74⁰ 54' E.

In coastal zone, three types of soils, viz., red (Alfisols), laterite (Oxisols) and coastal alluvial (Entisols) soils are generally observed. These soils are acidic in reaction, low in CEC, base saturation and water holding capacity, besides deficient in phosphorus, potash, calcium, zinc, molybdenum and boron.

Brief Information

Particulars	Area (ha)
Total area of the Farm	139.29
<ul style="list-style-type: none"> • Area of KVK • Area managed by farm (Seed Farm – 17.73. ZARS Main Farm – 55.30, NL-1-38.40 & NL-2-12.13 ha) 	19.99 119.30
Total cultivated area	84.53
Cropped area	
<ul style="list-style-type: none"> • Area under horticulture crops (4.3 ha irrigated) • Area under field crops (2.5 ha irrigated) • Area under fodder crop 	77.53 5.60 1.40
Area under nursery and scion bank	3.40
Area under dairy and goat shed unit	0.95
Area under children's ground	0.40
Area under cultivable waste	5.96
Area under uncultivable waste (Ponds, streams, valleys and rocky area)	8.20
Area under roads and buildings	15.86

Details of cultivated area distribution (ha)

Details	Area (ha)
Total cultivated area	84.53
• AICRP Rice Experiments	1.40
• Area managed by Farm (including in paddy area)	83.13

Research mandate

Mandate crop of the station is paddy, groundnut, cowpea, blackgram coconut, arecanut, cashewnut, rubber, mango and cocoa.