

Information

1. Name of the University / Department : Department of Agriculture, Meghalaya, Shillong.
2. Name of the Centre with postal Address : AICRIP, Upper Shillong
District & Local Research Station and laboratories
East Khasi Hills,
Shillong 7930093.
3. Name of the Person In charge : Shri C.D.Kharkongor
Research Officer
Mobile No.9863111508
4. Next Contact person : Shri W. Marbaniang
Assistant Entomologist, AICRIP,
Mobile No. 9862005097
5. Year of Establishment as AICRIP Centre : 1968.
6. List of Scientist Currently on AICRIP Roll :
 - (i) Assistant Rice Specialist (1 No.)
 - (ii) Assistant Entomologist (1 No.)
 - (iii) Assistant Agronomist (1 No.)
 - (iv) Assistant Pathologist (1 No.)
 - (v) Research Assistant (3 Nos.)
7. List of Other AICRIP Staff : (i) Laboratory Assistant (1 No.)
(ii) Field Assistant (7 Nos.)
(iii) Lower Division Assistant (1 No.)
(iv) Peon (3 Nos)
(v) Chowkidar (1 No.)
(vi) Muster Roll (3 Nos.)
8. Region of the State represented by the

Centre : North East Region

9. Rice Ecologies Represented : Rainfed Upland and Lowland of High, mid and low altitude region of East, West and Ribhoi District.

10. Districts of the State Covered : East Khasi Hills, Ribhoi and West Khasi Hills Districts.

11. Rice Area in Bankura District : (i) East Khasi Hills – 5651 the approx.
(ii) West Khasi Hills – 8999 the approx.
(iii) Ribhoi – 11037 the approx.

12. Normal Rain fall : 2000 – 3000mm approx

13. Soil Type : The soils of the three districts are mostly acidic in nature and are deficient in phosphorus & potash especially in East Khasi Hills & West Khasi Hills. The organic matter content of soils are high as a result of luxuriant vegetation, high rainfall and low decomposition rate in acidic soil environment. The status of available potassium varies from low to medium. The soil is acidic in reaction due to leaching of basis from the exchange complex under prevailing high rainfall and hilly topography. Generally the soil of high altitude with high rainfall are more acidic

14. Popular rice varieties : High altitude (above 1300m). Nonglwai, US-1, Megha Rice-1, Megha Rice-2, and other local varieties.
(ii) Mid altitude – Ngoba, Mynri, Manipur (Local), Shhsarang, Lampnah etc.
(iii) Low altitude – Ranjit, Bahadur, Pankaj, MTU – 7039 and local varieties.

15. Major production constraints : For mid and High altitude the unavailability of High yielding varieties, Lack of irrigation facilities as most of the crop is rainfed, small land holding and mechanization are the major production constraints. As for low altitude there is no

problem on production.

16. Major Contribution of the centre : As our centre does not have any breeding programme we are conducting only adaptive trials at various locations in collaboration with ICAR for NEH Region, Barapani for the purpose of multilocational trials which is pre – requisite for releasing any rice variety. We are also conducting trials of different deciplines of the Directorate of Rice Research, Hyderabad.