

# UPPER SHILLONG

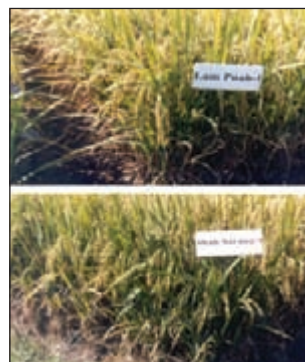
## Department of Agriculture Meghalaya

This center was established in 1968 under the department of agriculture. The centre is located at an altitude of 1840 msl having a temperate climate. The mandate of is to conduct trials at different locations in order to identify appropriate varietal and management technologies for different eco-systems and to facilitate the exchange of information with scientists of other agricultural research organizations. Presently, varietal trials for high and mid altitude regions were conducted during kharif and boro seasons, in low altitude region were conducted during boro season.



### Major Contributions

- Due to the lack of facilities no breeding work is being conducted at the center. However, it closely operates with the ICAR Research Complex, Umiam in matters relating to improvement in yield. The center played a significant role in the release of four varieties, namely, Shah Sarang and Lampnah for lowland conditions and Bhalum-1 and Bhalum-2 for upland conditions of mid altitude region by collaborating with the Research Office, Shillong and the ICAR for North Eastern Hill Region, Umiam.



### Plant Pathology

- Leaf Blast Resistance: 2510, 2511, 2512, 2515 from NHSN, 09/124 05/131 from NSN H, 3712, 3301 from NHSN, GSR 104,GSR 126, GRS 142, IET 22592, T - 30 - 37., T - 30 - 38 ,T - 30 - 39 from DSN were found promising.
- Sheath Blight - 809, 2701 from NSN-1, 06/119, 14/104, 15/132, 16/109, 21/112, 23/115,28/110 ,01/104, 05/113 from NHSN, 3521,3711, 3712, 3301, 3106,3601,3602 from NSN - H, CB 12593,CB 12599, GSR 141, IET 21839, IET 21751, IET 22985, RP Patho-17 from DSN were promising against sheath blight.