

## SCIENTIST PROFILE



1. Name and Designation : Bhabani Sankar Satapathy  
Scientist (Agronomy)
2. Date of Birth : 5<sup>th</sup> May, 1965
3. Date of joining ICAR : 1<sup>st</sup> October, 1990
4. Date of joining the present post : 15<sup>th</sup> December, 2009
5. Qualification (highest degree) : M.Sc. (Agronomy)
6. Post Doctoral Research Experience/Training:
7. Area of specialization/research interest:
  - Rice-based Farming System and Cropping System,
8. Significant contribution including products and patents (Five bullets):
  - Renovation and validation of Integrated Rice-Fish-Horticulture Farming system for small and marginal farmers of rainfed lowland rice ecosystem.
  - Identification of suitable rice varieties for integrated rice-fish farming system.
  - Rice-Potato Cropping system for rainfed lowland rice ecosystem of Assam
  - Rice-Utera Lentil/Field pea cropping system for better utilization of rice fallow under rainfed lowland rice ecosystem.
9. Awards/Honours:
  - ICAR Junior Research Fellowship.
  - NRTS scholarship.
10. Publications (10 best):
  - i. **Satapathy BS**, Sing T and Pun KB (2013). Rice-Fish-Horticulture Farming System in the North-Eastern Region. **Indian Farming** 63(1): 3-5.
  - ii. Lenka S, Pun KB, **Satapathy BS**, Tewari SN and Medhi B (2012). Evaluation of botanical products against blast diseases of rice. **Journal of Plant Protection and Environment** 9(1): 50-53.
  - iii. Nedunchezhiyan M, Laxminarayana K, Rao KR and **Satapathy BS** (2011). Sweet potato (*Ipomoea batatas* L.)-based strip intercropping: 1. Interspecific interactions and yield advantage. **Acta Agronomica Hungarica** 59(2): 121-131.
  - iv. Nedunchezhiyan M, Rao KR and **Satapathy BS** (2010). Productivity potential, biological efficiency and economics of Sweet potato (*Ipomoea batatas*)-based strip intercropping system in rainfed Alfisols. **Indian Journal of Agricultural science** 80(4): 320-324.
  - v. Nedunchezhiyan M, Rao KR, Laxminarayana K and **Satapathy BS** (2010). Effect of strip cropping involving sweet potato (*Ipomoea batatas* L.) on soil moisture conservation, weevil infestation and crop productivity. **Journal of Root Crops** 36(1): 53-58.
  - vi. Nedunchezhiyan M and **Satapathy BS** (2003). Effect of weed management practices on root development in Taro (*Colocasia esculenta*). **Journal of Root Crops** 29(1): 62-64.
  - vii. Nedunchezhiyan M and **Satapathy BS** (2002). Effect of weed management practices on weed dynamics in sweet potato. **Journal of Root Crops** 28(2): 73-77.
  - viii. Nedunchezhiyan M and **Satapathy BS** (2002). Effect of weed management on nutrient uptake of weeds in sweet potato. **Orissa Journal of Horticulture** 30(2): 110-112.