

SCIENTIST PROFILE



1. Name & Designation : Dr. Banwari Lal, Scientist
2. Date of Birth : 11th May, 1983
3. Date of joining ICAR : 28th September, 2010
4. Date of joining the present post : 28th September, 2010
5. Qualification (highest degree) : Ph.D
6. Post Doctoral Research Experience/Training:
 - National training on “Project Formulation, Risk Assessment, Scientific Report Writing and Presentation”
 - Bio-drainage for reclamation of waterlogging in high rainfall deltaic areas
7. Area of Specialization/research interest: Rice based cropping system, Nutrient management
8. Significant Contribution including products and patents (Five bullets):
 - Identified Ethiopian mustard as a new oilseed crop suitable for dryland areas.
 - Elucidated moisture conservation practices and nutrient management schedule for Ethiopian mustard and chickpea intercropping system for dryland condition.
 - Developed Customized Leaf Colour Chart for Nitrogen Management in Rice for Different Ecologies
9. Awards/Honours: Nil
10. Publications:
 - i. Nayak AK, **Lal B**, Mohammad Shahid, Panda BB, Tripathi R, Raja R and Mohapatra T (2013). Fertilizer best management practices in rice for higher productivity. **Indian Journal of Fertilizer** 9(4): 54-66.
 - ii. **Lal B**, Gautam Priyanka and Joshi Ekta (2013). Different rice establishment methods for producing more rice per drop of water: A review. **International Journal of Research in Bio Sciences** 2: 1-12.
 - iii. **Lal B**, Rana KS, Gautam Priyanka and Joshi Ekta (2013). Performance of moisture conservation and nutrient management practices on Ethiopian mustard and chickpea intercropping system. **Cruciferae Newsletter** 32: 23-26.
 - iv. **Lal B**, Rana KS, Rana DS, Gautam Priyanka, Shivay YS, Ansari MA, Meena BP and Kuldeep Kumar (2013). Influence of intercropping, moisture conservation practice and P and S levels on growth, nodulation and yield of chickpea (*Cicer arietinum* L.) under rainfed condition. **Legume Research**. (Accepted)
 - v. **Lal B**, Rana KS, Rana DS, Shivay YS, Gautam Priyanka, Ansari MA and Joshi Ekta (2013). Assessment of economics, energy use and yield advantage indices of Ethiopian mustard + chickpea intercropping system under dry land conditions. **Research on Crops**. (Accepted)
 - vi. Gautam Priyanka, Sharma GD, **Lal B** (2013). Effect of integrated nutrient management and spacing on growth parameters, nutrient content and productivity of rice under system of rice intensification. **International Journal of Research in Bio Sciences**. (Accepted).
 - vii. Gautam Priyanka, Sharma GD, Rana Rachna, **Lal B** and Joshi Ekta (2013). Evaluation of integrated nutrient Management and plant density on productivity and profitability of rice (*Oryza sativa* L.) under system of rice intensification in mid-hills of Himachal Pradesh. **Indian Journal of Agronomy**. (Accepted)