

SCIENTIST PROFILE



1. Name & Designation : Priyanka Gautam, Scientist
2. Date of Birth : 21st March, 1987
3. Date of joining ICAR : 15th September, 2011
4. Date of joining the present post : 15th September, 2011
5. Qualification (highest degree) : M.Sc.
6. Post Doctoral Research Experience/Training:
 - National training on “Project Formulation, Risk Assessment, Scientific Report Writing and Presentation
7. Area of Specialization/research interest: Agronomy, Nutrient management
8. Significant Contribution including products and patents (Five bullets):
 - Identified best nutrient management practices and crop geometry for rice under system of rice intensification in Himachal Pradesh.
 - Developed Customized Leaf Colour Chart for Nitrogen Management in Rice for Different Ecologies
9. Awards/Honours: Nil
10. Publications:
 - i. **Gautam P**, Sharma GD and 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).
 - ii. **Gautam P**, 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).
 - iii. Lal B, Rana K S, Rana DS, **Gautam P**, Shivay YS, Ansari MA, Meena BP and Kumar Kuldeep (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).
 - iv. Lal B, Rana KS, Rana DS, Shivay YS, **Gautam P**, 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).
 - v. Lal B, **Gautam P** 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.
 - vi. B. Lal, K.S. Rana, **Priyanka Gautam** and Ekta Joshi (2013). Performance of moisture conservation and nutrient management practices on Ethiopian mustard and chickpea intercropping system. **Cruciferae Newsletter** 32: 23-26.