

Profile of Scientist



1. **Name of the Scientist:** Dr. Ashwani Kumar Sharma
2. **Personal biodata:**
 - a) **Position/Designation:** Pr. Scientist
 - b) **Joining date in ICAR:** April 1, 2000
 - c) **Discipline and Specialization:** Agricultural Economics (Production Economics, and marketing)
 - d) **Training/advance exposure in the area of work:**
 - Data Analysis of Natural Resource Management Research using SAS at IASRI, New Delhi, June 20-25, 2011
 - Economic Models for Human Welfare Analysis: Applications to Crop-based Biofuels” at NCAP, New Delhi, July 27-30, 2009.
 - Quantitative Methodology for Agricultural Policy Research at National Research Centre for Agricultural Economics and Policy Research, New Delhi, December 20-29, 2004
 - e) **Contribution to the Scientific advancement (in about five bullets):**
 - Impact of long term imbalanced crop nutrition was assessed.
 - Potential of manure in meeting the crop nutrition needs in Vertisols was studied.
 - Impact of ground water pollution on crop productivity and rural life.
 - Agro-economic analysis of sugarcane cultivation in different states of the country was carried out. The contribution of sugarcane to Indian Economy in terms of employment and income was studied.
3. **Future Planning of research (in bullets):**
 - Factory-farm relations in sugarcane production and its marketing
 - Export potential of Indian Sugar market
 - Impact and implications of new interventions in sugarcane research and development.

4. Publications (best five):

1. Sharma, Ashwani K. and Prakash, Brahm (2011) Causes and Consequences of Supply-Demand Gap for Labour in Sugarcane in India. *Agricultural Economics Research Review*, Vol. 24 (Conference Number): pp 401-407.
2. Sharma, A. K., Yadav, D.V. and Prasad, Kamta (2009). Research and extension needs of sugarcane cultivation in North East Region of India. *Agricultural Situation in India*, Nov. 2009: 467-475.
3. Yadav, R.L., Yadav, D.V. and Sharma, Ashwani K. (2008) Agro-economic Analysis of Sugarcane -based cropping systems in India. *Indian J. Fert.*, 4(4): pp 71-86 & 89-92.
4. Yadav, R.L. and Sharma, A. K. (2007). Sugarcane: High density planting. *The Hindu Survey of Indian Agriculture 2007*, pp. 69-75.
5. Reddy, K.S., Kumar, N., **Sharma, A.K.**, Acharya, C.L. and Dalal, R.C. (2005). Biophysical and sociological impacts of farmyard manure and its potential role in meeting crop nutrient needs: a farmers' survey in Madhya Pradesh, India. *Australian J. Experimental Agric.* 45: 357-367.

5. Other relevant activities of Scientist (in bullets):

- Capable of designing/carrying out socio-economic studies/research work independently in various facets of agricultural production economics/natural resource economics, marketing and policy research.
- Has the experience of working at 3 important state/national level organizations, viz., UP Council of Agricultural Research, Lucknow; IISR, Bhopal and the IISR, Lucknow. Has got a rare insight into the working of the state level agricultural research and education institutions. Worked for strengthening of agricultural economics research in U.P state.
- Experienced in research management. Carried out the activities such as of in-charge RCM (Research Coordination and Management) unit at ICAR research institutes in addition to regular research work. Coordinated the institutes' high level research meetings such as IRC and RAC meetings as Member Secretary.

Entrusted with additional managerial responsibilities of the nodal officer of PME and ITMU cells.

- Prepared various important documents for the Institutes such as EFCs, Vision documents, RFDs, Annual Reports and Newsletters. Remained an editor of the Institute Annual Reports almost every year. Coordinated the short-term trainings to UG/PG students being provided by IISR, Lucknow.
- Has the exposure of having worked with Senior Government officials of U.P., World Bank and FAO experts. Worked in 2 internationally (ACIAR, Australia) collaborated multi-disciplinary research projects in close association with biological scientists, and has exposure of interacting with Australian farmers and feedlots owners.