

Profile of the Scientist



1. Name of Scientist : Dr. Lal Singh Gangwar

2. Personal Bio-Data:

a) Designation: Principal Scientist

b) Date of birth: 1st June 1965

c) Date of joining in ICAR: 13th February 1995

d) Discipline and Specialization: Agricultural Economics (Farm Production Economics, Marketing and Policy Analysis)

e) Training and exposure in the area of work:

- ❖ Researchers training –II, Data analysis using SAS held at IVRI during Nov 23-30, 2010
- ❖ Impact assessment of improved agricultural technologies held at NCAP during Aug 2009
- ❖ Winter School “WTA, GATS and IPR: Implications on agricultural research and education” held at NAARM during Nov 2007
- ❖ Agricultural research prioritization and impact assessment held at NCAP April 2004

f) Contribution to the scientific advancement:

- ❖ Modified formula for estimation of Post-Harvest Losses in Peach and Kinnow Mandarin
- ❖ Standardized the methodology for estimation of Postharvest losses of agricultural crops, livestock products, fisheries and poultry products
- ❖ Poultry market dynamics and value addition through manual dressing vis-à-vis mechanical processing
- ❖ Supply Response Analysis of Maize and Soybean as Major Agro-Ingredients of Poultry Feed in India
- ❖ Windows based computer software has been developed for formulation of bankable projects report to establish commercial layer & broilers farm
- ❖ Health Hazards and associated environmental problems of poultry waste disposal

3. Future planning of Research:

- Impact assessment and revalidation of proven sugarcane production and sugar processing technologies
- Global sugar market intelligence and international trade dynamics in WTO regime
- Economic analysis of sugar production complexes including ethanol distilleries and power generation in India
- Economic viability of alternative potential feedstock's for ethanol production and sugar complexes in India.
- Study the market dynamics of sugarcane and sugar production

4. Publications: (Ten best research papers)

- **L.S. Gangwar**, Sandeep Saran, Sarvesh Kumar and Maya Awase (2013), Working Model to ensure Food, Nutritional Security and Employment in Kumaon hills through Poultry Rearing. *Indian Journal of Poultry Science* **48**(1):96-100
- **L.S. Gangwar**, Sandeep Saran and Sarvesh Kumar (2013), Integrated Poultry-Fish Farming Systems for Sustainable Rural Livelihood Security in Kumaon hills of Uttarakhand. *Agricultural Economics Research Review* Vol. **26**(Conf.):181-188
- Sandeep Saran, Sarvesh Kumar and **L.S. Gangwar** (2013), India's Exports Performance in Poultry Products and Potential Exports Destinations. *Agricultural Economics-Czech*. Vol. **59** (3): 134-142.
- **L.S. Gangwar**, Sandeep Saran and Sarvesh Kumar (2012), Marketing of Poultry Products in Organized and Unorganized Sectors in Uttar Pradesh: A Study of High end elite and Semi-urban Markets. *LMA Convention Journal* Vol. **8**(1): 58-65
- **Gangwar, L. S.**, Saran Sandeep and Sarvesh Kumar (2010), Broilers' Supply Value Chain in the National Capital Region Delhi: A Case Study of Ghazipur Poultry Market. *Agricultural Economics Research Review* Vol. **23**(Conf.): 461-468
- Saran Sandeep and **L. S. Gangwar**, (2008), Analysis of Spatial Co-integration amongst Major Wholesale Egg Markets in India. *Agricultural Economics Research Review* Vol. **21**(2): 259-263
- **Gangwar, L.S.**, Singh Dinesh and Goutam Mandal (2008), Economic Evaluation of Peach Cultivation in North Indian Plains. *Agricultural Economics Research Review* Vol. **21**(1): 123-129
- Narayan R., Singh H., Singh D.P., Prasad S., Tyagi, J.S., Saran S., and **Gangwar, L.S.**, (2008). Growth pattern of Japanese quail under Indian conditions 1. CARI Uttam, CARI Ujjawal and their crosses. *Indian Jr. Poultry Science*. **43**(2):155-57
- **Gangwar L.S.**, Singh Dinesh and D.B. Singh (2007) Estimation of Post-Harvest losses in Kinnow Mandarin in Punjab using a modified formula. *Agricultural Economics Research Review* Vol. **20**(2): 315-332
- **Gangwar L.S.**, Ilyas S.M., Singh D and S Kumar (2005). An Economic Evaluation of Kinnow Mandarin Cultivation in Punjab. *Agricultural Economics Research Review* Vol. **18**(1): pp.71-80.

5. Other relevant activities of the Scientist:

- Research papers and book chapters:
 - Research papers: 65
 - Book Chapters: 14
 - Teaching Manuals: 5
 - Technical Bulletins: 3
 - Thesis evaluated: 5
- Peer reviewer: National journal such as Pantnagar Jour. of Research, AERR, ARCC etc
- Over 18 years of Scientific Research/ Post Graduate and Doctorate Research guidance / Teaching experience in livestock, poultry economics, Sugarcane, horticultural and

monitoring of research activities Project Coordination unit of AICRP on postharvest technology (various ICAR institutes)

- Supervised one Ph. D and 6 M.V. Sc, students and training to livestock, poultry farmers and Sugarcane production/ development / sugar industry staff on regular basis.
- Life members of professional societies: *Indian Society of Agricultural Economics, Agricultural Economics Research Association, Indian Society of Agricultural Marketing, Indian Society of Poultry Science, Indian Society of Sugarcane Technologist*
- Consultancy for formulation of bankable projects to get loans from financial institutions for establishing poultry farms