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EDUCATIONAL QUALIFICATIONS

- **B. Sc. (Ag.):** Rajendra Agricultural University, Pusa, Samastipur, Bihar
- **M.Sc. (Ag) (Agronomy):** Rajendra Agricultural University, Pusa, Samastipur, Bihar
- **Ph.D. (Agronomy):** Rajendra Agricultural University, Pusa, Samastipur, Bihar

PROFESSIONAL AREA

- **Research Area:** Water Management
- **Research Interests:** Water Management
- **Memberships/Fellow of Societies:** Indian Society of Agronomy

PUBLICATIONS

- **Research articles / Review articles /Short Communication: 26**
- **Books & Book Chapter: 06**
- **Popular articles: 18**

KEY PUBLICATIONS:

- Shivnath, D., Kumar, R., Singh, J.P. and Prasad, S.K., 2009. Effect of nitrogen and potassium levels on growth and yield of hybrid rice (*Oryza sativa* L.). *Environment and Ecology*, 27(1A), pp.430-432.
- Dwivedi, D.K., Kumar, R., and Shivnath, D., 2009. Efficacy of biodynamics, biofertilizer and farm yard manure on betelvine (*Piper betle* L.) crop. *Environment and Ecology*, 27(4A), pp.1660-1663.
- Kumar, R., Shivnath, D., Kumar, V., Dwivedi, D.K. and Das, L., 2015. Studies on irrigation and weed management for enhancing rice yield and water productivity under system of rice intensification. *The Bioscan*, 10(1), pp.417-420.
- Rinki, K., Ravi, N., Vinod, K. and Kumar, R., 2016. Effect of moisture regimes on system profitability and water use efficiency under rice-based cropping systems. *Environment and Ecology*, 34(3C), pp.1623-1627.
- Das, L., Kumar, R., Kumar, V., Kumar, V., Kumari, A. and Kumar, N., 2018. Yield, nutrient uptake and economics of aerobic rice (*Oryza sativa*) under different moisture regimes and levels of iron. *Progressive Research: An International Journal*. 13(1), pp. 14-18.
- Kumari, A., Kumari, R., Sinha, T., Kumar, M., Kumar, V., Kumar, R., and Kumar, S., 2018. Integrated Farming System: A Sustainable Approach Towards Enhancing Farmers' Income. *Multilogic in Science Special Issue-8*, pp. 100-103.
- Kumar, S., Choudhary, S.K., Kumar, R., Kumar, V., Prakash, N., Nishad, M.K. Kumari, R., and Kumari, A., 2018. Effect study of nitrogen uptake and grain crude protein percentage on yield of transplanted rice (*Oryza sativa* L.). *Multilogic in Science Special Issue (E)-8*, pp.203-209.
- Kumari, A., Kumar, R., Kumari, S., and Kumari, R., 2019. Impact of Moisture Content and Weed Management on Direct Seeded Rice Quality. *Current Journal of Applied Science and Technology*, 37(4), pp 1-6.
- Kumari, A., Kumar, V., Kumar, R., and Kumar, M., 2020. Effect of Residue Management and Cropping System on Direct Seeded Rice and System Productivity. *Current Journal of Applied Science and Technology*, 39(20), pp. 132-137.
- Adilakshmi, G., Kumar, R., Varalakshmi, P, Babyu, Y N.M., and Kartika, M. 2021. Nutrient content and uptake by grain and straw of different rice varieties at different moisture regimes under direct seeded rice. *The Pharma Innovation*, 10(5), pp. 561-563.