Dr. Dhirendra Kumar Roy
Professor

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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):** CCS Haryana Agricultural University, Hisar, Haryana

PROFESSIONAL AREA

- **Research Area**: Wheat Agronomy, Deep Water Rice & Boro Rice Agronomy
- **Research Interests:** Weed Management, Nutrient Management, Integrated Farming System
- **Memberships/Fellow of Societies: :** Indian Society of Agronomy, IARI, New Delhi; Farming System Research and Development Association, Project Directorate for Cropping System Research, Modipuram, Meerut; Indian Society of Weed Science, National Research Centre for Weed Science, Maharajpur, Adhartal, Jabalpur; Institutional Professional with Life time for Institute of Scholars

PUBLICATIONS

- **Research articles / Review articles /Short Communication: 63**
- **Books : 05**
- **Book Chapter: 07**
- **Popular articles: 30**

KEY PUBLICATIONS:

- Sahoo, S., Roy, D.K., Kumar, M., Das, R. and Baldhaniya, M.J., 2021. Soil Physicochemical Properties as Affected by Organic Weed Management and Conservation Agriculture in Rice-Maize Cropping System of IGP. Biological Forum-An International Journal, 13(1), pp. 627-632.
- Roy, D.K., Dharminder, 2015. Integrated weed management in turmeric. Indian Journal of Weed Science 47(4), pp. 393–396.
- Roy, D.K., Singh, D., Sinha, N.K. and Pandey, D.N., 2009. Utilization of Parthenium and water hyacinth as a bio-nutrient source in rice crop. Indian Journal of Weed Science, 41(3&4), pp.163-166.
- Sinha, N.K., Singh, D. and Roy, D.K., 2009. Weed management strategies in jute grown for seed production in calcareous soils of north Bihar. Indian Journal of Weed Science, 41(1&2), pp.19-22.
- Roy, D.K., Singh, D., Sinha, N.K. and Pandey, D.N., 2008. Weed management in winter maize+ potato intercropping system. Indian Journal of Weed Science, 40(1&2), pp.41-43.
- Roy, D.K. and Singh, B.P., 2006. Effect of level and time of nitrogen application with and without vermicompost on yield, yield attributes and quality of malt barley (Hordeum vulgare). Indian Journal of Agronomy, 51(1), pp.40-42.
- Roy, D.K. and Singh, B.P., 2006. Malting characteristics of six-row winter barley (Hordeum vulgare L.) as affected by different levels of nitrogen, phosphorus and vermicompost. Journal of Food Science and Technology-Mysore, 43(4), pp.337-340.
- Roy, D.K. and Singh, B.P., 2006. Efficacy of different levels of vermicompost and nitrogen application and stage of nitrogen application on the quality of malt barley (Hordeum vulgare L.). Journal of Food Science and Technology-Mysore, 43(3), pp.294-296.
- Roy, D.K. and Mishra, S.S., 1999. Effect of weed management in direct-seeded, upland rice (Oryza sativa) at varying nitrogen levels. Indian Journal of Agronomy, 44(1), pp.105-108.
- Roy, D.K., 1997. Production potential of rice (Oryza sativa)-based cropping systems under deep water ecosystem of north Bihar. Indian Journal of Agronomy, 42(4), pp.570-572