Dr. Dharminder
Assistant Professor

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EDUCATIONAL QUALIFICATIONS

- **B. Sc. (Hons.) Ag.** Choudhary Charan Singh, Haryana Agricultural University, Hisar, Haryana
- **M.Sc. (Ag) (Agronomy):** Choudhary Charan Singh, Haryana Agricultural University, Hisar, Haryana
- **Ph.D. (Agronomy):** Institute of Agricultural Sciences, Banaras Hindu University, Varanasi, U.P

PROFESSIONAL AREA

- **Research Area**: Rice, Wheat and Weed Management
- **Research Interests:** Nutrient Management, Role of microorganisms in improvement of crop productivity
- **Memberships/Fellow of Societies: :** Indian Society of Agronomy; Indian Society of Weed Management and RAU Research Journal

PUBLICATIONS

- **Research articles / Review articles /Short Communication: 10**
- **Books & Book Chapter: 06**
- **Popular articles: 12**

KEY PUBLICATIONS:

- Roy, D.K., Singh, D. and Dharminder, 2011. Bio-efficacy of oxyfluorfenon management of weeds in onion (*Allium cepa* L.). Bihar Journal of Horticulture. 1, pp. 113-1115.
- Chaudhary, S.K., Singh, Y., Pandey, D.N. and Dharminder, 2013. Nitrogen scheduling, phosphorus management and green manuring for increasing productivity of lowland rice. Oryza 50(3), pp. 253-258.
- Chaudhary, S.K., Singh, S.P., Singh, Y. and Dharminder, 2014. Influence of integrated use of fertilizer and manures on SRI grown rice (*Oryza sativa*) and their residual effect on succeeding wheat (*Triticum aestivum*) in calcareous soil. Indian Journal of Agronomy, 59(4), pp.527-533.
- Roy.D.K. and Dharminder 2015. Integrated weed management in turmeric. Indian Journal of weed science 47(4):393-396.
- Kumari, P., Singh, J.P., Dharminder, Kumari, S. and Singh, S.P. 2016. Efficacy and economics of weed management practices in direct seeded rice (*Oryza sativa* L.) under rainfed lowland ecosystem. New Agriculturist. 27(2), pp. 239-246.
- Kumari, P., Singh, J.P., Dharminder, Kumari, S., and Singh, S.P. 2016. Influence of weed management practices on productivity and nutrient uptake by direct seeded rice (*Oryza sativa* L.) in calcareous soil. The Bioscan, 11 (3), pp. 1733-1738.
- Kumar, V., Roy, D.K., Dharminder, Kumar, R., Kumar, S and Hnas, H. 2016. Influence of crop establishment methods and different weed management practices on growth, yield and quality of direct seeded rice. The Ecoscan. 1&2, pp. 249-252.
- Dharminder and Singh, R.K. 2019. A consequence of enriched municipal solid waste on root growth and water use efficiency of direct-seeded rice. International Journal of Chemical Studies, 9; 7(5), pp. 588-591.
- Dharminder and Singh, R.K. 2019. Role of irrigation regimes and city waste compost in boosting water productivity, root density and quality of dissimilar rice varieties beneath climatic condition of Varanasi. International Journal of Current Microbiology and Applied Sciences. 8(12), pp. 2995-3003.
- Nandan, N., Roy, D.K., Kumari, P. and Dharminder. 2018. Effect of Weed Management and Nitrogen on Weed Dynamics and Yield of Rice under Aerobic Condition. International Journal of Current Microbiology and Applied Sciences, 7(04), pp.1-10