

Research Publication in Peer-Reviewed Journals (2020-21)

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3. Bardhan, D., Kumar, S., Kumar, S., Singh, R.P. and Hosmani, M. (2020). Cost-benefit analysis of vaccination against goat pox. *Indian Journal of Animal Sciences*, 90 (4): 515–520.
4. Billore, S.D., Dupare, B.U., Sharma, P., Verma, R.K. and Raghvendra, M. (2020). Performance of soybean varieties under frontline demonstrations. *Soybean Research*, 18(1): 77-86.
5. BIRTHAL, P.S., JAWERIAH, H. and NEGI, D.S. (2020). Impact of climatic hazards on India's agricultural growth. *Climate and Development*, [https:// DOI: 10.1080/17565529.2020.1867045](https://doi.org/10.1080/17565529.2020.1867045).
6. Chand, K., Choudhary, B.B., Kumar, S. and Tewari, P. (2020). Examining intended consequences of MGNREGP Intervention on women empowerment: Evidences from block level study in Jodhpur district of Rajasthan, *Indian Journal of Extension Education*, 56 (2): 93-96.
7. Chand, K., Kumar, S., Suresh, A. and Dastagiri, M.B. (2020). Marketing efficiency of vegetables in developing economies: Evidences for critical intervention from Rajasthan, India, *The Indian Journal of Agricultural Sciences*, 90 (8): 1419–27.
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10. Chand, S. and Kishore, P. (2021). Whether source of irrigation make difference in technical efficiency of wheat growers canal command areas? A stochastic frontier approach. *Indian Journal of Agricultural Economics*, 76(1): 165-178.
11. Das, A., Raju, R. and Kiran Kumara T.M. (2020). Performance and determinants of exports of coffee from India: A post-WTO scenario. *Indian Journal of Agricultural Economics*, 75(4): 546-559.
12. Dupare, B.U., Sharma, P., Billore, S.D. and Verma, S.K. (2020). Changes in agricultural scenario of Madhya Pradesh with special reference to soybean in changed climatic scenario: A study on farmers' perception. *Journal of Oilseeds Research*, 37(4): 299-308.
13. Gupta, M., Gerad, M., Subash, S.P. and Sastry, K.R. (2020). Trends of CRISPR technology development and deployment into agricultural production-consumption systems. *World Patent Information*, 60: 101944.
14. Jain, R., Chand, P., Rao, S.C. and Agarwal, P. (2020). Crop and soil suitability analysis using multi-criteria decision making in drought-prone semi-arid tropics in India. *Journal of Soil and*

Water Conservation, 19(3): 271-283.

15. Kanwal, V., Sirohi, S. and Chand, P. (2020). Effect of drought on livestock enterprise: Evidence from Rajasthan. *Indian Journal of Animal Sciences*, 90(01): 94-98.
16. Kishore, P., Singh, D.R., Chand, P. and Prakash, P. (2020). What determines groundwater depletion in India? A meso level panel analysis, *Journal of Soil and Water Conservation*, 19(4): 388-397.
17. Kolady, D.E., Srivastava, S.K., Just, D. and Singh, J. (2020). Food away from home and the reversal of the calorie intake decline in India. *Food Security*, 13: 369-384.
18. Kumar, A., Deka, N., Batla, S., Saroj, S. and Srivastava, S.K. (2020). Rural non-farm employment in eastern India: Implications for economic well-being. *The Indian Journal of Labour Economics*, 63: 657-676.
19. Kumar, A., Hazrana, J., Negi, D.S., BIRTHAL, P.S. and Tripathi, G. (2020). Understanding the geographic pattern of diffusion of modern crop varieties in India: A multilevel modelling approach. *Food Security*, <https://doi.org/10.1007/s12571-020-01114-y>
20. Kumar, S. and Abdulla (2020). Dynamics of technical efficiency of sugar mills in India: Stochastic Frontier Approach. *Indian Journal of Agricultural Sciences*, 90(8): 1532-7.
21. Kumar, S., Abdulla and Singh, C. (2020). Productivity growth in India's bakery manufacturing industry. *Journal of Agribusiness in Developing and Emerging Economies*, 1-10. DOI 10.1108/JADEE-12-2019-0204 <https://www.emerald.com/insight/2044-0839.htm>
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28. Nath, K., Jain, R., Marwaha, S., Arora, and Roy, H.S. (2020). Identification of optimal crop plan using nature inspired metaheuristic algorithms, *Indian Journal of Agricultural Sciences*, 90(8): 1587-92.
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diffusion of modern crop varieties in India. *International Journal of Emerging Markets*, <https://doi.org/10.1108/IJOEM-04-2020-0407>.

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37. Roul, C., Chaudhari, S.K., Chand, P., Jayaraman, S., Sukla, N.B., Ramawat, N., Pal Suresh, and Karad, G. (2021). Agricultural sustainability in context of Indian agriculture: A parametric approach from Punjab and Haryana. *Journal of the Indian Society of Soil Science*, 68(3): 253-274.
38. Sabu, S.S., Kuruvila, A. and Subash, S.P. (2020). Price volatility of black pepper in Kerala: Could institutional mechanism such as contract agreement be a solution? *Indian Journal of Agricultural Economics*, 75(2): 166- 185.
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