

Khem Chand is working as a Principal Scientist (Agricultural Economics) and Officer in Charge, Prioritization, Monitoring and Evaluation Unit at ICAR-National Institute of Agricultural Economics and Policy Research (ICAR-NIAP), New Delhi. He joined the ICAR as Scientist on 12.4.1993. Prior to joining this Institute on 26.8.2020, he worked at ICAR- Vivekananda Paravatiya Krishi Anusandhan Sansthan, Almora, ICAR-Central Arid Zone Research Institute, Jodhpur and ICAR-Indian Grassland and Fodder Research Institute (ICAR-IGFRI), Jhansi. His major area of recent research work includes Livestock Production Economics, Non Bovine Milk Economy, Livestock diseases and its economic impact, Common Property Resources and its role in development of livestock sector, and Socio-Economic impact of PMFBY scheme on farm economy in India. He has wide administrative experiences of working as Head and Director at ICAR-IGFRI, Jhansi. He completed Diploma in “Agricultural Research for Development” during 2003 from International Centre for Development Oriented Research in Agriculture, The Netherlands. Presently he is member of Quinquennial Review Team at ICAR-National Bureau of Animal Genetic Resources, Karnal (Haryana).



Recent Publications:

Policy Briefs

1. Khem Chand, P. S. Birthal and Subhash Kachhawaha (2024). Impact of prophylactic vaccination in cattle against Lumpy Skin Disease. ICAR-NIAP, New Delhi.

Research papers

1. **Khem Chand et al.** (2023). Financial and environmental impact analysis of developing common pasture lands. *Range Management and Agroforestry*, doi:[10.59515/rma.2023.v44.i1.22](https://doi.org/10.59515/rma.2023.v44.i1.22)
2. D. R. Palsania, **Khem Chand & others** (2023). Rain water harvesting, agroforestry and goat based intensification for livelihood resilience in drought prone rainfed smallholder farming system – a case for semi-arid tropics. *Agroforestry Systems*, doi: [10.21203/rs.3.rs-2450169/v1](https://doi.org/10.21203/rs.3.rs-2450169/v1)
3. **Khem Chand**, Nagaratna Birader and Sheshrao Kautkar (2021). Fodder status in drought year and the practice of free range grazing in Bundelkhand region of India. *Indian J. Animal Sciences*, doi:[10.56093/ijans.v9i9.116468](https://doi.org/10.56093/ijans.v9i9.116468)
4. **Khem Chand**, B.B. Choudhary, A. Suresh, A.K. Mishra, M.K. Gaur, Priyanka Singh and M. Louhaichi (2021). What determines migration of sheep flocks? Evidences from Thar desert of Rajasthan. *The Indian Journal of Small Ruminants*, doi:[10.5958/0973-9718.2021.00056.8](https://doi.org/10.5958/0973-9718.2021.00056.8)
5. **Khem Chand**, Bishwa Bhaskar Choudhary, Shalander Kumar and Pratibha Tewari (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

6. D. R. Palsaniya, Sunil Kumar, M. M. Das, T. Kiran Kumar, Sunil Kumar, Manoj Chaudhary, **Khem Chand**, S. K. Rai, Akram Ahmed, C. S. Sahay and Mukesh Choudhary (2021). Integrated multi-enterprise agricultural system for sustaining livelihood, energy use and resource recycling: a case study from semi-arid tropics of central India. *Agroforestry Systems*, <https://doi.org/10.1007/s10457-021-00670-2>
7. D.R. Palsaniya, Sunil Kumar, M.M. Das, T. Kiran Kumar, Manoj Chaudhary, **Khem Chand**, S.K. Rai, Akram Ahmed, Sunil Kumar & C.S. Sahay (2022) Ecosystem services from smallholder dairy based integrated farming system vis-a-vis double cropping. *Agroecology and Sustainable Food Systems*, [doi: 10.1080/21683565.2022.2108192](https://doi.org/10.1080/21683565.2022.2108192)
8. Nagaratna Biradar, Laxmi Tirlapur, Akshata Kerur, **Khem Chand** and K.P. Raghuprasad (2022). Documentation and validation of scientific rationality of ITKs relating to fodder management and livestock health. *Range Management and Agroforestry*, 43 (2): 317-325.
9. **Khem Chand**, B. L. Jangid, S. Kachhawaha and S. Kumar (2018). Characterization and financial viability of camel production system based on community pastures and forest lands in Rajasthan. *Range Mgmt. & Agroforestry*, 39 (2): 281-288.
10. **Khem Chand**, BL Jangid, S. Kachhawaha, R. Bhatti and Pankaj (2018). Financial viability of range land based camel production system in arid region of Gujarat. *Journal of Camel Practice and Research*. [doi:10.5958/2277-8934.2018.00045.0](https://doi.org/10.5958/2277-8934.2018.00045.0)
11. **Khem Chand**, Rohilla, P P & B L. Jangid (2011). Traditional knowledge of processing and value addition to dromedary camel wool. *Indian Journal of Traditional Knowledge*, 10: (2): 316-18.
12. **Khem Chand**, B. L. Jangid, P. P. Rohilla and Vikas Kumar (2017). Economics and Constraints of Small Ruminant Rearing on Common Pasture Lands in Rajasthan. *Range Mgmt. & Agroforestry*, 38 (2): 259-265.
13. **Khem Chand**, B. L. Jangid, P. P. Rohilla and Vikas Kumar (2015). Economics of bovine production reared on common pasture lands. *Range Mgmt. & Agroforestry*, 36 (2): 211-216.
14. **Khem Chand**, B. L. Jangid, Subhash Kachhawaha, and M M Roy (2014). Economic viability of camel breeding enterprise in Southern Rajasthan. *Journal of Camel Practice and Research*, [doi:10.5958/2277-8934.2014.00030.7](https://doi.org/10.5958/2277-8934.2014.00030.7)
15. Mounir Louhaichi, **Khem Chand**, Arun Kumar Misra, Mahesh Kumar Gaur, Sarker Ashutosh, Douglas E. Johnson and Murari M. Roy (2014). Livestock migration in the arid region of Rajasthan (India)- Strategy to cope with fodder and water scarcity. *Journal of Arid land studies*, [doi: https://hdl.handle.net/20.500.11766/7318](https://hdl.handle.net/20.500.11766/7318)
16. **Khem Chand**, B L Jangid, P P Rohilla, and Subhash Kachhawaha (2010). Economics of camel production in Rajasthan. *Journal of Camel Practice and Research*, 17(1): 15-20.
17. Bishwa Bhaskar Choudhary, Inder Dev, Priyanka Singh, Ramesh Singh, Purushottam Sharma, **Khem Chand**, Kaushal K Garg, KH Anantha, Venkataradha Akuraju, Sreenath Dixit, Sunil Kumar, Asha Ram and Naresh Kumar (2022). Impact of soil and water conservation measures on farm productivity and income in the semi-arid tropics of Bundelkhand, central India. *Environmental Conservation*, [doi: https://doi.org/10.1017/S0376892922000352](https://doi.org/10.1017/S0376892922000352)
18. **Khem Chand**, A Suresh, M.B. Dastagiri, Shalander Kumar and Subhasis Mandal (2021). Fruit marketing, its efficiency and supply chain constraints in India: A case study. *Indian Journal of Agricultural Sciences*, [doi:10.56093/ijas.v91i8.115800](https://doi.org/10.56093/ijas.v91i8.115800)
19. **Khem Chand**, Shalander Kumar, A Suresh and M B Dastagiri (2020). Marketing efficiency of vegetables in developing economies: evidences for critical intervention from Rajasthan, India. *Indian Journal of Agricultural Sciences*, [doi:10.56093/ijas.v90i8.105908](https://doi.org/10.56093/ijas.v90i8.105908)
20. M.B. Dastagiri, B. Ganesh Kumar, C.V Hanumanthaiah, P. Paramshivam, R.S. Sidhu M. Sudha, Subhasis Mandal, Basantha Singh and **Khem Chand** (2012). Marketing efficiency of India's horticultural commodities under different supply chains. *Outlook on AGRICULTURE*, [doi:10.5367/oa.2012.0103](https://doi.org/10.5367/oa.2012.0103)