

## INSTITUTE RESEARCH PROJECTS

| Sr. No. | Brief Overview                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| 1.      | <b>Title: Impact Assessment of Climate Resilient Practices in Improving Animal Performance Project</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|         | <b>Duration:</b> 2024 to 2027                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|         | <b>Name of PI:</b> Dr. P.P. Rohilla, PS (LPM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|         | <b>Name of Co-PI:</b> Dr. B.L. Jangid, PS (Agril. Extension)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | <b>Objectives:</b> <ol style="list-style-type: none"> <li>1) To evaluate the effect of Climate Resilient Practices on livestock performance</li> <li>2) To document farmers' perception about adoption of Climate Resilient Practices in livestock management</li> </ol>                                                                                                                                                                                                                                                                                                              |
|         | <b>Partner Institutes (KVKs):</b> Barmer, Bharatpur, Jhunjhunu, Jodhpur and Sirsa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2.      | <b>Title: Perceived Stresses and Access to Institutional Innovations on Seed System: Grassroots Insights from Northwest India</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|         | <b>Duration:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|         | <b>Name of PI:</b> Dr. M.S. Meena, PS (Agril. Extension)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|         | <b>Name of Co-PI:</b> Dr. H.N. Meena, Dr. J.P. Mishra & Dr. R.K. Singh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|         | <b>Objectives:</b> <ol style="list-style-type: none"> <li>1) Understanding farmers' perceptions on multiple stresses impacting the pulse seed system</li> <li>2) Unravelling institutional innovations on seed systems (networks) accessed by farmers that enable their crop (s) adaptation against multiple stresses</li> <li>3) Measuring economic benefits, varietal replacement, and seed distribution pattern through quality seed production</li> <li>4) Navigating policy implications of seed-based institutional innovations influencing sustainable seed systems</li> </ol> |
| 3.      | <b>Partner Institutes:</b><br><b>KVKs of Rajasthan:</b> Ajmer, Nagaur-I, Alwar-I, Kota, Bundi, Jhalawar, Udaipur-I, Jhunjhunu<br><b>KVKs of Haryana:</b> Sirsa and Bhiwani                                                                                                                                                                                                                                                                                                                                                                                                            |
|         | <b>Title: Scaling Up of Farmer-to-Farmer Extension Model by Krishi Vigyan Kendras for Technology Dissemination and Facilitation</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|         | <b>Duration:</b><br><b>Name of PI:</b> Dr. M.S. Meena, PS (Agril. Extension)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

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|    | <b>Name of Co-PI:</b><br>Dr. R.B. Kale, Senior Scientist, ICAR-DOGR, Pune<br>Dr. Tushar Athare, Scientist, ICAR-ATARI, Pune<br>Dr. Ashish S. Murai, Scientist, ICAR-ATARI, Ludhiana                                                                                                                                                                                                                                                                                                                                               |
|    | <b>Objectives:</b><br>1) To study socio-economic attributes of LEAD & fellow farmers<br>2) To identify critical technological gaps & suitable interventions for bridging the gaps<br>3) To identify the determinants of the effectiveness of the model<br>4) To study the multiplier effects created in the F2F extension model<br>5) To work out a location-specific and plausible F2F extension model                                                                                                                           |
| 4. | <b>Title: Characterization of Salt-Affected Soils, Restoration Strategies, and their Impact on Farmers' Livelihoods in Pali District, Rajasthan</b>                                                                                                                                                                                                                                                                                                                                                                               |
|    | <b>Duration:</b> 2024 to 2029                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|    | <b>Name of PI:</b> Dr. H.N. Meena, PS (Agronomy)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|    | <b>Name of Co-PI:</b> Dr. J.P. Mishra, Director (ATARI, Jodhpur)                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|    | <b>Objectives:</b><br>1) To compute block wise areas of salt affected soils of Pali district<br>2) To characterise block wise affected areas according to salinity stress<br>3) To characterise block wise ground/irrigation water quality of Pali<br>4) To find out region wise restoration strategies for different categories of salt affected areas<br>5) To know the impacts of salt affected areas on farmers' livelihood<br>6) To establish efficient crop diversification plans for tackling the problem of soil salinity |