

## ICAR Research Complex for Eastern Region, Patna Organised Reproductive Health Camps for livestock cum Public awareness program at Haldi Chapra in Maner Block, Bihar.

Animal Reproductive Health Camps cum Public awareness conducted in Haldi Chapra, Naya tola, near Surya mandir GPS Location 25.690515829278702, 84.87297226517202 of Maner block on 18.08.2023 in association with Veterinary Officer of Manner under Bihar Animal Husbandry Department and Intas Animal health. The activity included sampling, interventions, and awareness based on published reports of high arsenic groundwater in villages near river Ganga in Maner blocks and to assess reproductive abnormalities in ruminants. We collected Groundwater samples at more than 30 places from wells and handpumps. Intas Pharmaceuticals Ltd. sponsored this program as part of its CSR activity. We provided participating farmers free consultancy, medicines, and hormones in this reproductive camp based on our diagnosis and recommendations. It attracted farmers with the participation of more than 70 farmers. About 27 cattle and 15 buffaloes were diagnosed and provided on-the-spot treatment. These animals were clinically examined and tentatively diagnosed for conditions like endoparasitism, retention of placenta, anestrus, pyometra, prolapse, repeat breeding, abscess, inappetence, LSD, PUO, lameness, diarrhea, abortion, etc. We treated them with specific and supportive treatments. Apart from these services, after getting consent from their owners, we collected blood, urine, milk and dung from these animals. Samples collected were properly marked and brought in a cold chain. All the animals reporting for the camp were dewormed with broad-spectrum anthelmintic (Fenbendazole) with appropriate dosing. We imparted knowledge about arsenic toxicity to animal health and production, feeding and managing animals to improve fertility and conception rate. The activity was coordinated by Dr Pankaj Kumar (Principal Scientist, Veterinary Medicine) and Dr Manoj K Tripathi (Scientist, Animal Physiology), ICAR-RCER Patna, and supported by Dr Prabhas Kumar, Veterinary Officer, Manner and Shri Jayshankar Area Business Manager, Intas Pharmaceuticals Ltd.



