

Adoption of breeding practices followed by the buffalo owner of Jaipur district

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A field survey was conducted to collect the first hand information on the adoption of breeding practices being perceived by the buffaloes owner in Jaipur district of Rajasthan (India). The data were collected from 160 buffaloes rearers randomly selected from two tehsils (blocks) of Jaipur district by way of pretested and pre designed interview schedule. Regarding breeding practices, out of ten practices the mean adoption score were observed as: Keeping record of service/calving/heat (1.90), Keeping watch on oestrus cycle and heat symptoms of buffaloes (1.84), Natural service with bulls of superior breeds (1.66), Treatment of anoestrus/repeat breeders (1.48), Considering age and weight of heifers at first breeding (1.30), Service/insemination after 12-16 hours since onset of heat (1.25), Use of breeding bull between 2.5 to 7 years of age only (1.10), Artificial insemination with bulls of superior breeds (1.06), Adequate exercise of pregnant buffalo (1.00), Practicing P.D between 60-90 days after service (0.89) and these items were awarded ranks as I, II, III, IV, V, VI, VII, VIII, IX, and X, respectively.

It may be concluded that high adoption of record keeping of service, calving and heat, watch on oestrus cycle and heat symptoms, natural service with superior breed bulls, treatment of anoestrus/repeat breeders, and proper time of service by the respondents were due to the fact that the respondents had more awareness about these practices. Poor adoption of A.I. and pregnancy diagnosis was observed.

Biography

Devendra Singh Manohar has completed his M.V.Sc (Masters in Veterinary Science) at the age of 25 years from Rajasthan University of Veterinary and Animal Sciences, Bikaner India. He is the Assistant Professor at Apollo College of Veterinary Medicine Jaipur India. He has published more than 7 research papers in reputed journals and member of many veterinary societies

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