

Study Meta Data

Study ID	IAPD-PST-003
Study Title	Phenotypic Evaluation of Milk Yield During Early Lactation in Dairy Buffalo Under Field Conditions
Project	Estimation of Phenotypic and Genetic Trends in Economic Traits of Murrah Buffaloes
Description	The present study was conducted on 659 Murrah buffaloes, sired by 188 bulls, over a period of 27 years (1991-2017). The economic traits studied were first lactation milk yield (FLMY), first lactation length (FLL), age at first calving (AFC), first calving interval (FCI), first service period (FSP) and first dry period (FDP). The phenotypic trends were obtained as regression of population performance on year and the genetic trends were obtained by Smith method I and II.
Type	observational
Start Date	1991-01-01
End Date	2017-02-01
Location	Ludhiana
Longitude	75.851601
Latitude	30.909016
Custom Location	No
Temperature	NA
Humidity	NA
Created At	2026-08-19 06:09
Download Count	1

Authors

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Traits

Trait Type	Meta Trait	Tissue	Stage	Method (Ontology)
First lactation milk yield (FLMY)	lactation trait	epithelium of mammary gland	early lactation stage	Smith method- I and Smith method- II (METHOD:04947)
first lactation length (FLL)	lactation trait	epithelium of mammary gland	early lactation stage	Smith method- I and Smith method- II (METHOD:04947)
age at first calving (AFC)	lactation trait	Whole body	adult stage	Smith method- I and Smith method- II (METHOD:04947)

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first calving interval (FCI)	lactation trait	Whole body	adult stage	Smith method- I and Smith method- II (METHOD:04947)
first service period (FSP)	lactation trait	Whole body	adult stage	Smith method- I and Smith method- II (METHOD:04947)
first dry period (FDP)	lactation trait	Whole body	adult stage	Smith method- I and Smith method- II (METHOD:04947)