



## GLOSSARY

**Artificial Insemination (AI):** is the process by which sperm is placed in the female reproductive tract for impregnation.

**Bovine:** are the large ruminants like cattle, buffaloes, yak and *mithun*.

**Breedable:** female animals that have attained the age of puberty.

**Breeding Tract:** the area where breeds/group of animals are found.

**Calving Interval:** period between two calvings.

**Castration:** technique by which males are made sterile for use in draught operations.

**Crossbred:** animal produced by hybridization of two different breeds.

**CP (Crude Protein):** crude protein in the feed.

**DM (Dry Matter):** dry biomass available from feed and fodder.

**Dry Animal:** adult animals that have calved at least once but not in-milk at present.

**Food Grains:** includes cereals and pulses.

**Gross State Domestic Product (GSDP):** basic measure of a State's overall economic performance. It represents the market value of all final goods and services made within the borders of a State in a year.

**Indigenous Animals:** those animals native to a particular area.

**In-milk Animals:** animals which are lactating.

**Irrigation Intensity:**  $(\text{Gross irrigated area}/\text{Net irrigated area}) \times 100$ .

**Lactation Length:** number of days the animal secretes milk.

**Lactation Yield:** total milk production over period of 300/305 days.

**Literacy Rate:** is defined as the percentage of literates in the age group above six years.

**Livestock:** domesticated mammals.

**Male to Female Ratio:** number of males to females.

**Milch Animals:** the sum of in-milk and dry animals.

**Milk Utilisation Pattern:** quantities of milk retained for home consumption in liquid form, retained for product conversion and milk sold by the milk producers.

**Marginal Holdings:** farmers having less than one hectare of operational holding.

**Small Holdings:** greater than one hectare and less than two.

**Semi Medium:** greater than two and less than four hectares.

**Medium Holdings:** are more than four and less than 10 hectares.

**Large Holdings:** are those larger than 10 hectares.

**Population Density:** number of human beings/animals per square km of geographical area.

**Poultry:** all categories of chicken, guinea fowls, turkey, ducks and quails.

**Sex Ratio:** is the ratio of females to 1,000 males in a population.

**Small Ruminants:** the sum of sheep and goats.

**TDN (Total Digestible Nutrients):** nutrients of feed which can be digested.

**Urbanisation:** per cent of urban population to total population.

**Wet to Dry Ratio:** ratio of number of in-milk animals to dry ones.





**National Dairy Development Board**

Anand 388 001  
GUJARAT

Phone: (02692) 260148 / 260149 / 260160

Fax: (02692) 260157 / 260159