

National Action Plan for increasing Milk Production and Productivity

February 14, 2020

Source: *PIB & Ministry of Agriculture & Farmers Welfare*

As per the National Action Plan, the total Bovine population is 300 million (19th Livestock Census) of which Crossbred cattle are 39.7 million; indigenous cattle constitute 151.17 million and Buffalo population is 108.70 million. The population of animals in milk is around 89 million. Under the Action Plan, it is targeted to have a total of 111.36 million by 2020-21.

The vision and mission for achieving above are as below:



Strategy and Framework

The following strategy would be adopted to accomplish the vision and the goals of the National Action Plan to enhance the production and productivity of Bovines.

1. Strengthening the breed improvement programme for indigenous bovines
2. The perpetuation of breed improvement programmes under field conditions using elite germplasm
3. Genomic study for desired traits in indigenous cattle and buffaloes
4. Identification and dissemination of superior germplasm under farm and field conditions,
5. Establishment of state of the art laboratory for certifying disease free bulls

Increasing population, production and productivity

The estimated milk production in Bovine during 2015-16 was 150.10 Million Metric tons. The Action plan aims to increase the production to 275.89 million metric tons by 2020-21 and up to 300MT by 2023- 24. At the same time, it is also aimed to enhance the average productivity of milk from the present level of 4.85 kg per day to 6.77 kg per day per animal. Figures 6-9 illustrate the trend of the number of animals in milk, production, and productivity over the years and the projection for 2020-21.



Required number of animals in milk

To achieve the targeted number of animals in milk, production and productivity of milk, a total of 97.45 million bovines have to be bred by 2020-21.