

# **NDP PROGRAMME IN KARNATAKA THROUGH DAIRY COOPERATIVES:**

## **1. KMF PROGENY TESTING**

A Progeny Testing Project for **Production of High Genetic Merit (HGM) Holstein Friesian Bulls under NDP-I** was launched in June 2012 with the total financial outlay of Rs 2055 lakhs as grant spanned over a period of 6 years.

### **Objectives:**

- To produce genetically superior quality High Genetic Merit(HGM) HF bulls through implementing a progeny testing project in the field.
- To achieve a steady genetic progress in the cattle population for milk, fat and protein yield and type characters of PT animals in villages where progeny testing project is being implemented.

### **Activities:**

#### **1. Test Inseminations:**

- Animal Registration
- Artificial Insemination
- Pregnancy Diagnosis
- Calving
- Daughters registration
- Daughters Insemination
- Daughters calving
- Milk recording

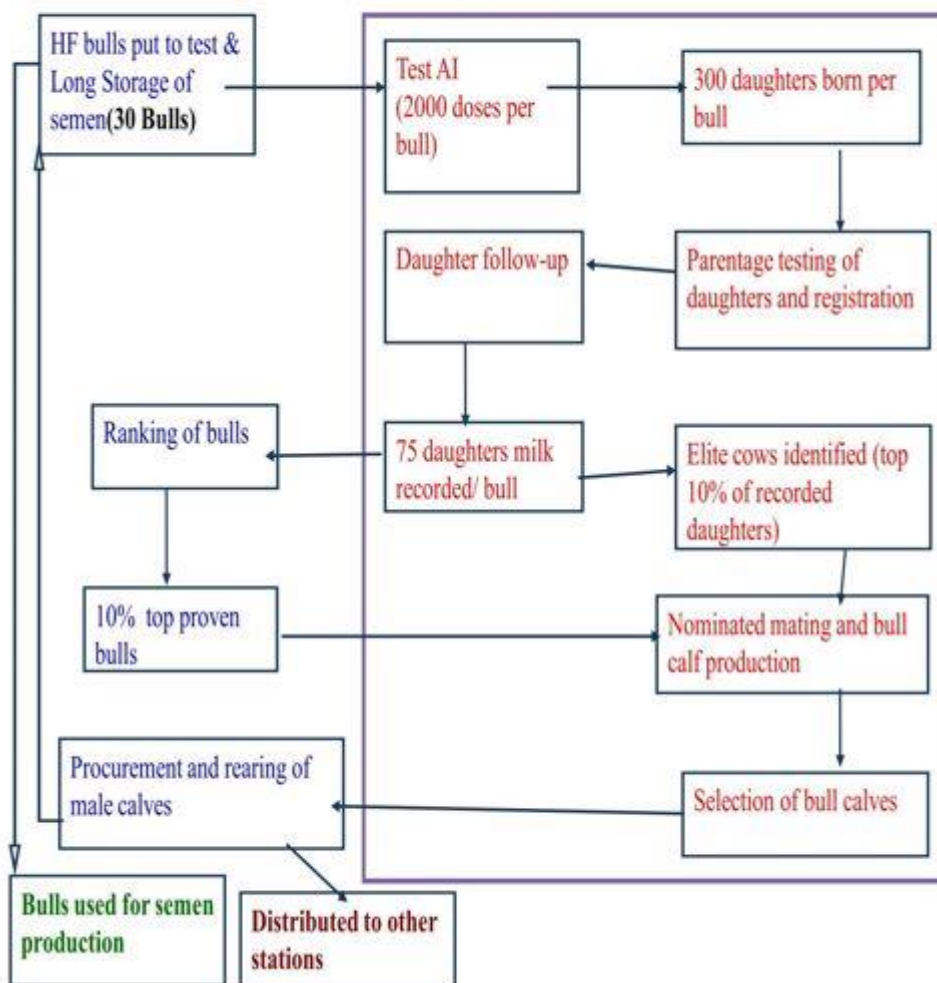
#### **2. Nominated Inseminations:**

- Elite animals screening
- Disease screening for Brucellosis, Tuberculosis and Para Tuberculosis

- Artificial Insemination with Imported semen
- Bull calf production, Procurement, Rearing and distribution of Bull calves to different semen stations

The progeny testing project is being implemented in Bangalore and Kolar Milk Unions covering 4 districts (Bangalore Rural, Bangalore Urban, Kolar and Chikkabalapur) in 12 talukas (Bangalore North, Devanahalli, Doddabalapur, Hoskote, Anekal, Kolar, Chikkaballapur, Sidlaghatta, Chintamani and Gauribidanur). The Progeny testing activities are carried out in about 924 revenue villages where pure bred HF animals are available. **Data entry in Information Network for Animal Productivity and Health (INAPH) application online software for Animal information will be entered by DEOs, Supervisors, AITs, MRs and MTs through Net Books.**

**Schematic presentation of the Progeny Testing program**



## Financial Outlay:

Approved Financial Budget (in Rs.Lakh)

Item	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Grant Assistance under NDP-1	320	232	313	320	422	448	2055

## The Key performance indicators:

No	Particulars/Year	12-13	13-14	14-15	15-16	16-17	17-18	Total
1	Minimum no of bulls to be put under test	25	25	30	30	40	40	190
2	Test doses to be distributed per bull	2000	2000	2000	2000	2000	2000	-
3	Doses to be distributed per bull	3000	3000	3000	3000	3000	3000	-
4	Avg No of daughters registered per bull	216	216	216	216	216	216	-
5	Avg No of daughters recorded per bull	0	0	76	76	76	76	-
6	Number of bull calves available for distribution to semen stations	7	18	34	45	62	66	232