

N/2/2021-DADF-Dept.
Government of India
Ministry of Fisheries Animal Husbandry & Dairying
Department of Animal Husbandry & Dairying

Krishi Bhavan, New Delhi
Dated: 10th October 2022

Sub: Revised Operational guidelines for Implementation of Rashtriya Gokul Mission for 2021-2026.

Please find enclosed herewith revised Operational guidelines for Implementation of Rashtriya Gokul Mission for 2021-2026.

The changes made in the guidelines are as under:

- (i) Size of breed multiplication farm reduced from 200 animals to 50 animals in milk for North Eastern and Hilly States.
- (ii) Self-financing in establishment of Breed Multiplication Farm has been allowed subject to terms and conditions given in the guidelines.
- (iii) Government Veterinary Universities included as implementing agencies under RGM.

Encl: As above


(Dr. Bhushan Tyagi)
Joint Commissioner (RGM)

Distribution

1. Principal Secretary, Department of Animal Husbandry, All States/UTs
2. Director, Animal Husbandry all States/UTs.
3. Chief Executive Officer, State Livestock Development Boards all States/UTs

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1. Sr. Technical Director, NIC/ Deputy Secretary(IT) for uploading the same in the Department website
2. Sr. PPS to Secretary(AHD)
3. PPS to AS (C&DD)

BREED MULTIPLICATION FARM

1 Introduction

At present entrepreneurs/farmers interested in taking up dairy programme are facing difficulties in sourcing disease free high yielding heifers or cows and farmers are dependent on either middlemen or other farmers maintaining dairy animals for sourcing low producing animals from other farmers engaged in dairying. There is no system available in the country for producing disease free elite animals of indigenous breeds of cattle and buffalo or exotic breeds of cattle. Therefore it is proposed to establish breed multiplication farms to make available disease free high yielding heifers/ pregnant heifers / cows preferably of indigenous breeds of cattle/buffaloes in the country.

Breed multiplication farm is proposed to be established through entrepreneurship model for making available high genetic merit heifers (HGM) to farmers to fulfill their need of general shortage of such animals.

It is proposed to make available 50% capital subsidy to interested entrepreneur for construction of cattle sheds, equipment, procurement of elite bull mothers etc. The entrepreneur will establish breed multiplication farm (BMF) and produce elite heifers using sex sorted semen or IVF technology.

Disease free heifers produced at the BMF will be made available to interested farmers on cost basis HGM bulls born at BMF will be procured by semen stations for semen production. BMF will also act as the training centre to conduct training for farmers and entrepreneurs.

2 Objective:

- To develop private entrepreneurs for undertaking cattle and buffalo breeding
- To make available disease free high yielding heifers/ pregnant heifers / cows preferably of indigenous breeds of cattle/buffalo.
- To incentivize private individuals Entrepreneurs, FPOs, SHGs, **FCOs**, JLGs, and Section 8 companies for establishment of breed multiplication farm
- Spreading awareness about scientific management practices including animal nutrition, disease prevention etc
- Multiplication of high yielding milch animals through scientific breeding including IVF technology and sex sorted semen

3 Essential Criteria of selection of entrepreneur:

- The entrepreneur-aggregator can be a private individuals / FPOs / **FCOs/SHGs** / JLGs and Section 8 companies.
- Entrepreneur shall have appropriate experience in breeding or rearing of farm animals

- The entrepreneur will be responsible for arrangement of land of suitable size and location. At least having ownership/lease deed of suitable size of land to house 200 animals and its followers. Entrepreneurs in North Eastern and Hilly States shall be having ownership/ lease deed of suitable size of land to house 50 animals and its followers.
- Any individual/ organization availing loan facility under Animal Husbandry Infrastructure Development Fund (AHIDF) for establishment of breed multiplication farm would also be allowed to obtain subsidy under breed multiplication farm.
- Entrepreneur will make its own arrangement for procurement of feed and fodder as per requirement of the farm.
- The entrepreneur will establish breed multiplication farm of atleast 200 milch cows / buffalo and using latest breeding technology for continuously upgrading stock in States other than North Eastern and Hilly States. Entrepreneurs in North Eastern and Hilly States will establish breed multiplication farm of atleast 50 milch cows/ buffaloes and using latest breeding technology for continuously upgrading stock.
- The entrepreneur may make available 116 elite female calves to farmers on cost basis out of 160 calves born at the farm. Entrepreneurs in North Eastern and Hilly States may make available atleast 20 female calves to farmers on cost basis. Sex sorted semen and IVF technology will be used by the entrepreneur for production of female calves. Remaining female calves may be used for replacement of the stock available at the farm
- The entrepreneur will make available high yielding heifers/ pregnant heifers/cows to the farmers / small entrepreneurs interested on cost basis. The entrepreneur will also guide farmers on animal nutrition, vaccination, disease testing, maintaining bio-security etc and also provide veterinary aid to the farmer.

4 **Funding pattern:**

- (i) Each entrepreneur will be provided as one time assistance from Central Government for establishment of breeder farm @ 50% of project cost upto Rs 2 crore. Each entrepreneur in North Eastern and Hilly States will be provided as one time assistance from Central Government for establishment of breeder farm @ 50% of project cost upto Rs 50 lakh. The other 50% should be managed by the beneficiary by obtaining loan from scheduled banks/ any other financial institutions like NCDC etc. Loan period, margin money and collateral may be as decided by the financial institution. Self financing shall be allowed subject to the condition that subsidy shall be released by NDDB after

ascertaining there is investment from beneficiary side as mentioned in the DPR and strictly on the basis of progress made in implementation of the project

- (ii) The capital subsidy will be provided for the cost of housing, procurement of breeding animals along with transportation & insurance cost, equipment /machines in the form of capital cost (except land).
- (iii) The subsidy will be routed through NDDDB.

5 Implementing Agency and Fund Flow Mechanism:

Project will be implemented through NDDDB as implementing agency of the project. Subsidy will be released directly to in the beneficiary loan account through NDDDB.

6- Project Approval and Monitoring:

- NDDDB will float expression of interest for submission of the project as per guidelines of the scheme.
- Entrepreneur will formulate bankable proposal as per guidelines and submit proposal directly to NDDDB. Entrepreneur will also tie up with bank/financial institution for obtaining 50% of the project cost as loan.
- On receipt of such proposals from entrepreneurs a committee constituted by Implementing Agency (NDDDB) will screen all the application for eligibility.
- Eligible projects will be recommended by Implementing Agency (NDDDB) to concerned bank/ financial institution for loan sanctioning.
- Implementing Agency (IA) will obtain proof from the bank/ financial institution that loan amount is sanctioned to entrepreneur and submit project for approval of DAHD.
- First installment of the 50% of the subsidy amount will be released after approval of the project by DAHD and **after bank/financial institution releasing 1st tranche in to the loan account of entrepreneur.**
- After the receipt of the report from Implementing Agency that full infrastructure is in place and animals have been inducted **another 25% of the subsidy amount will be released.**

- After receipt of report from Implementing Agency that births of 10% calves have been completed at the farm, **the remaining** balance 25% of the subsidy amount will be made available to entrepreneur.
- The assets will be monitored through GIS tagging. The State Government will be advised for physical monitoring of beneficiaries at regular interval.

Total Project Cost:

- Amount of Rs 4.00 crores will be required for establishment of breed multiplication farm with the capacity of 200 milch animals. Therefore, maximum subsidy will not exceed Rs 2.00 crores. In NER and Hilly States amount of Rs 1 crore will be required for establishment of breed multiplication farm of atleast 50 animals. Therefore maximum subsidy will not exceed Rs 50 lakh.

MODEL PROJECT:

Technical Programme:

200 cows/ buffalo of high yielding preferably of indigenous breeds will be inducted at the farm. Animal of indigenous breeds like Gir, Sahiwal, Red Sindhi, Tharparkar etc in case of cattle and like Murrah, Mehsana, Banni, Jaffarabadi, Nili Ravi etc in case of buffaloes) will be purchased from the breeding tract. Indigenous animals shall be yielding more than 3000 kgs per lactation (standard lactation yield). Exotic animals yielding more than 8000 kg per lactation in case of HF and 5000 kg per lactation in case of Jersey shall be allowed to be maintained. Crossbred animals shall be yielding more than 5000 kg per lactation in case of CBHF and 4000 kg in case of CB Jersey.

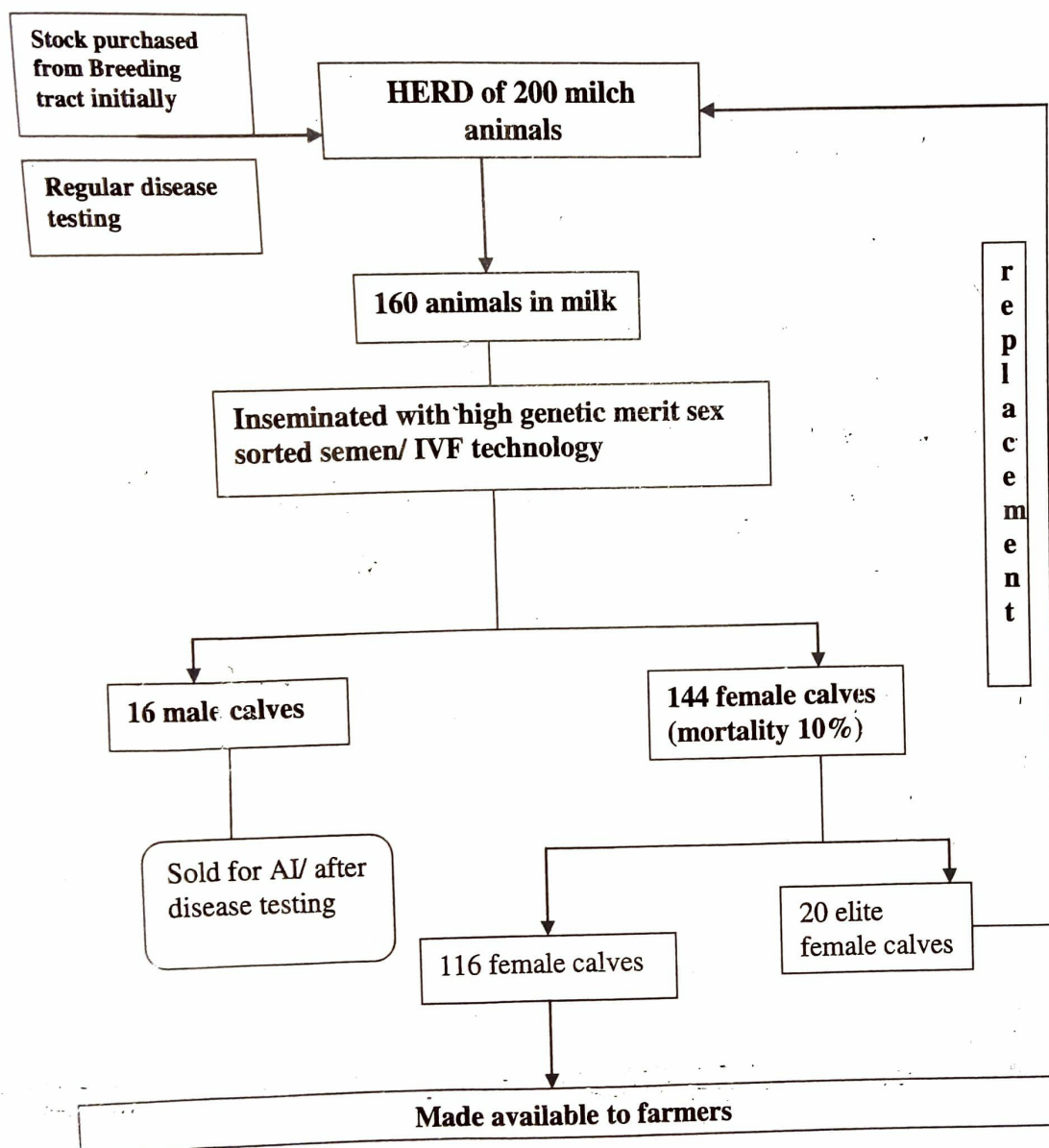
Animals will be inseminated with sex sorted semen preferably of progeny tested bulls with dams lactation yield above 4000 kgs in case of indigenous cattle/ buffalo breeds. Semen straws will be purchased from different semen stations in the country.

Farm may use IVF technology and implant embryos of indigenous cattle/buffalo breeds with high yielding potential. In embryo production donor of indigenous cattle/buffalo breeds may be yielding more than 4000kg and semen may be from indigenous cattle /buffalo bulls with dams lactation yield above 4000 **(in case of Kankrej more than 3000 kg and in case of Tharparkar more than 3500 kg)**. Bulls used in embryo production preferably progeny tested/ genomically tested.

About 140 female calves and 15 male calves will be born at the farm annually. 20 female calves from the elitist of elite dams will be retained at the farm for replacement of the herd @ 20% per annum. About 116 female calves would be sold to the farmers in the region.

Animals will be tested annually for Tuberculosis, Johnes Disease (JD), and Brucellosis and positive animals will be removed from the herd. Herd will be declared free of above

diseases. The animals will be vaccinated against FMD (six month interval), HS (annually), BQ (annually), and Theileriosis (once in lifetime in case of exotic/crossbreds). However, the vaccination against the bacterial diseases will be done only if there is an outbreak or prevalence of a particular disease in the State. Exotic animals will also be tested for genetic disorders.



SOURCING OF ANIMALS:

Pure bred animals of indigenous breeds will be procured from breeding tract. Animals will be selected on the basis of the dams performance (breeding value, lactation yield & milk fat %) and sires' information. CHRS units will help the entrepreneur in procurement of animals.

Marketing support to entrepreneur

NDDDB will provide support to entrepreneur in marketing of milk and heifers produced at the farm

Indicative cost of model project for establishment of Breed Multiplication Farm

S. No	Particulars	Total Cost for BMF of 200 animals (Rs in lakh)	Total cost for BMF of 50 animals in NER and Hilly States (Rs in lakh)
1	Purchase of cows in first lactation/2 nd lactation	200	50.00
2	Construction of cow sheds 10 sq meter per cow (sheds to house 200 cows and its followers	100	30.00
3	Construction of isolation shed	2.5	0.00
4	Administration block	20	6
5	Feed & fodder store room	40	10
6	Tractor with agriculture implements	10	
7	Dairy equipments (BMC, stainless steel Milk cans, digital milko tester, deep freezer etc)	5	3.00
8	Shed for Agri implements	22.5	0
9	Chaff cutter (electric)	1	1
	Total	401	1.00

Entrepreneur may be allowed to maintain herd of exotic/ crossbred. However may use IVF technique to produce calves with high genetic merit of indigenous breeds.