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From

The Director General,
Animal Husbandry & Dairying,
Haryana, Panchkula.

To

The Principal Secretary to Govt. Haryana,
Animal Husbandry & Dairying Department,
Chandigarh.

**Subject: Scheme for the conservation and development of indigenous cattle
(Gausamvardhan) 2016-17.**

Memo

This scheme is being implemented by the department in the State with the objective of conservation and development of the indigenous breeds of cows. It is a continued scheme for which an amount of Rs. 400 lacs has been provided in the Annual Plan 2016-17. As per 2012 census, the State has livestock population of 89.98 lakh out of which 18.08 lakhs is cattle. Out of total cattle population, 8.12 lakhs are indigenous cattle and 9.96 lakhs are exotic/cross bred cattle. Lack of concerted efforts towards genetic improvement of the indigenous cattle breeds have contributed to their gradual decline. The population of indigenous cattle has reached an all time low and urgent measures are required for conservation and development of these indigenous breeds. Being the home tract, the State is under moral, social and national obligation to undertake integrated development of Haryana and Sahiwal breed of cattle. The potential to enhance the productivity of the Indigenous breeds of cattle through professional management and appropriate nutrition is immense. For this, it is essential to promote conservation and development of indigenous breeds. Livestock Sector has an important role in the integrated farming system particularly for the small as well as land less farmers in the State of Haryana. It has great potential for further growth of national economy provided it gets much needed policy support including emphasis on genetic resource conservation, improvement of valuable indigenous breeds, their health, nutrition etc. In spite of having quality genetic resources, the productivity of indigenous cows in the State has not increased up-to the desired level, mainly because of indiscriminate breeding, lack of record keeping, poor managerial conditions and unscientific feeding practices.

Long term objectives:-

Long term objectives of the department in implementing this scheme are:

- i. Increase in milk production and productivity.
- ii. Upgradation of valuable indigenous germplasm available in the State through selective breeding.

Medium term objectives (5 years Horizon):-

Under this scheme initial approach will be on screening of the base population of Haryana and Sahiwal cows for identification with their peak yield more than 8 Kg. and 10 Kg. of milk respectively and their progeny. With the following objectives in view, there is a target to identify 2000 indigenous (Haryana and Sahiwal) cows in the State during the current Annual Plan 2016-17.

- i. Identification of top quality germplasm and insemination with quality semen for sustainable genetic improvement.
- ii. Procurement of pedigreed young indigenous bulls (male calves) for further supply in the State/Country.
- iii. Encouraging the farmers to rear better yielding animals.

Annual Objectives & Impact expected:-

For the Annual Plan 2016-17 an outlay of Rs.22150.00 lac has been provided to the Department under the State Plan out of which Rs. 9431.00 lac is available with the department for development activities and the rest of Rs. 12719.00 lac are earmarked for capital outlay (Rs.4700.00 lac), grant to the LUVAS, Hisar (Rs2000.00 lac) and payment of salary to the Staff sanctioned under the Plan Schemes (Rs.6019.00 lac). With this amount of Rs. 9431.000 lac the department proposes to implement this scheme with an outlay of Rs. 400.00 lac in the current Annual Plan 2016-17 :-

So far as the expected impact is concerned, it will be as under:-

1. 'In situ' Germplasm Bank would become available from where other states and organization can meet their demand for good quality genetic material required to upgrade their stock.
11. Certified quality young bulls for Semen Production Centres as well as for natural breeding would be available.

Strategies:-

All the Haryana and Sahiwal cows, meeting the bench mark of 8 kg peak yield and 10 kg peak yield respectively would be properly identified (with ear tags) along with their progeny. Cash incentives ranging from Rs. 10,000/- to Rs. 20,000/- would be given to owners of these cows.

Roll out of the Scheme in Terms of Commencement of Activities:-

Under the scheme, the Haryana and Sahiwal cows, meeting the bench mark of 8 kg peak yield and 10 kg peak yield respectively will be recorded and identified. The recording of milk production would be done in a Public Institution (in full public view) following a prior notice by a committee consisting of:

- i. Deputy Director (AH)/ Sub Divisional Officer(A.H)/Semen Bank Officer
11. Area Veterinary Surgeon
111. Representative of Local Bodies i.e. Panchayat/Municipal Committee

Only the animals possessing true breed characteristics will be allowed to participate in the performance recordings. Milk production shall be recorded for four consecutive timings (Morning and Evening) and an average of the last three milking would be counted for calculation of the peak yield. The first recording would be treated as "Emptying milk yield". Immediately after the performance recording (4th milking) in a Public institution, the cows meeting the minimum production bench mark and their accompanying progeny (suckling calves) would be identified through ear tagging and a proper record would be maintained by the concerned Veterinary Hospital.

All identified cows will be got insured. Insurance of these animals will be done at the spot and insurance premium will be borne as per the prevailing insurance scheme or in the absence of which 100% insurance premium will be met out of this scheme in case of SC beneficiaries and 50% in the case of general beneficiaries.

Cash flow Requirement as per Roll Out Plan:-

Cash incentive at the following rates is proposed to be given to the owners of the recorded cows :-

Haryana Cows	
Peak Yield in Kg	Incentive Money (Rs.)
8 to 10 Kg	Rs. 10,000/-
>10 to 12 Kg)	Rs. 15,000/-
Above 12 Kg)	Rs. 20000/-

ii. Sahiwal Cows	
Peak Yield in Kg	Incentive Money (Rs.)
10 to 12 Kg	Rs. 10,000/-
>12 to 15 Kg	Rs. 15,000/-
Above 15 Kg	Rs. 20,000/-

This being a scheme for welfare of farmers and for development and conservation of indigenous cattle, it need an extensive and wide publicity for which a sum of Rs. 10,000/- per district totalling to Rs. 2.10 lac and Rs. 10.00 lac for headquarter is provided for the year 2016-17. To implement this scheme, to cover more and more farmers and to achieve the allotted target, outsourcing of one jeep on monthly basis for each district would be done to provide mobility to the staff.

As main objective of this scheme is to encourage the farmers to rear good quality indigenous cattle so, it is desirable that the benefits of this scheme should reach to maximum number of farmers within the budget available and it has already been decided by the Government that:-

1. A maximum of two animals (cows) per farmer/organization will be eligible for the incentive money under this scheme. However, the recordings of the all/as much number as possible belonging to any farmer/organization should be carried out for collecting the data of the top quality indigenous cows.
- ii. The milk recording of the cows under the scheme should be done under public view preferably at a common public place to avoid any possible malpractice.
- iii. The incentive money of the recorded cows be released after four months of the peak recording to avoid the chances of the same cow being recorded again during its current lactation.
- iv. An animal (designated breed of cow) be allowed to participate in such milk recording under the scheme for one time in its lifetime.

In the light of the above proposal Government is requested to accord administrative-cum-financial approval for this scheme. For the first quarter an amount of Rs.100.00 lac being 25% of the total budget of the scheme may please be sanctioned as per the instructions of the Finance Department. The expenditure involved under this scheme shall be debited to the budget grant under head:-

2403 - Animal Husbandry
102 - Cattle & Buffalo Development
(66) - Scheme for Conservation and Development
of Indigenous Cattle (Plan) 2016-17.

Director General, Animal Husbandry & Dairying Haryana, Panchkula will be the overall controlling and Drawing & Disbursing Officer of the scheme. Besides this, the Deputy Director Intensive Cattle Development Project, Ambala, Kamal, Kurukshetra, Bhiwani, Sirsa, Jind, Gurgaon and Deputy Director, Animal Husbandry & Dairying, Fatehabad, Faridabad, Hisar, Jhajjar, Kaithal, Namaul, Panchkula, Palwal, Panipat, Rewari, Yamunanagar, Rohtak, Sonapat and Mewat at Nuh will be the Drawing & Disbursing officers of the scheme.


Deputy Director (Planning)
for Director General, Animal Husbandry & Dairying
Haryana, Panchkula.

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Dated, 21/1/19

A copy is forwarded to All the Deputy Directors. Intensive Cattle Development Projects and Animal Husbandry & Dairying for information and necessary action.

Deputy _____ (_____ anning)
for Director General, Animal Husbandry & Dairying
Haryana, Panchkula. _____

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Statement of Cost

2403 - Animal Husbandry

102 - Cattle & Buffalo Development

(66) - Scheme for Conservation and Development of Indigenous Cattle

(Plan) 2016-17.

(Amount in Rupees)

Other Charges

4,00,00,000

Cost of Livestock insurance premium.
Incentive to owners of recorded cows,
Identification cost of recording of animals,
cost of contractual data recorders,
Implementation cost in terms of
transportation, Publicity, TA/DA and
contingency.

Total

4,00,00,000

(R. Four Crores only)