

Scheme for the conservation and development of indigenous cattle (Gausamvardhan) for the year 2018-19

Brief Background

Haryana holds a significant place in milk production in the country. With annual milk production of 89.75 lakh tonnes, the per capita per day availability of the milk in the State is 878 grams which is second highest in the country. Animal Husbandry is an integral part of agriculture alongwith a major contributor of Agricultural Gross Domestic Product and endowed with a high potential of self employment opportunities. In present scenario, when growth rate in crop production is stagnating, it is the animal husbandry sector which holds promise for achieving higher growth rates in State Gross Domestic Product as well as providing employment to the unemployed.

This scheme is being implemented by the department in the State with the objective of conservation and development of the indigenous breeds of cows. 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, Sahiwal and Belahi 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. It has great potential for further growth 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, 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 cattle germplasm available in the State through selective breeding.

Medium term objectives

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

- i. Identification of top quality cattle germplasm and insemination with quality semen for sustainable genetic improvement.
- ii. Procurement and raising of pedigreed young indigenous cow bulls (male calves) for supply to other States.
- iii. Encouraging the farmers to rear high yielding indigenous animals of genetic merit.

Annual Objectives and Impact expected

A target to identify 1600 indigenous (Hariana, Sahiwal and Belahi) cows has been laid down by the department for the year 2018-19, however, the benefit under the Scheme would not be denied to any eligible owner of indigenous cows simply because of the reason of achievement of cent-percent targets. This target would not restrict milk recording of more indigenous cows if otherwise found eligible. The department intends to implement this scheme with an outlay of Rs. 600.00 lac in the current Annual Plan 2018-19.

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

- i. '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.
- ii. Certified quality young bulls for Semen Production Centres as well as for natural breeding would be available.

Strategies

All the Hariana, Sahiwal and Belahi cows, meeting the bench mark of 8 kg, 10 kg and 5 Kg peak yield respectively would be properly identified (with ear tags) along with their progeny. Cash incentives ranging from Rs. 5000/- to Rs. 20,000/- would be provided to owners of these cows. These identified animals would be insured and insurance premium will be borne under any 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 other beneficiaries. However, if no Livestock Insurance Scheme is in operation then the

beneficiary would have to arrange for the insurance of the animals and the insurance premium paid by the beneficiary would be reimbursed to the beneficiary from this Scheme.

Process of submission of on-line application by the applicant

Any eligible owner of true to breed quality Haryana, Sahiwal and Belahi cow desirous of participating under the Scheme would have to apply online on the SARAL Portal: <http://saralharyana.gov.in>. The applicants may submit application themselves on the portal or through Common Service Centres, Antodaya Kendra, Atal Sewa Kendra, e-disha Centres or any other such centre as provided by the Government from time to time. The applicants shall also be required to upload following documents during submission of their online applications-

- i. Copy of Voter Id Card/ Driving Licence/Ration Card
- ii. Copy of Aadhar Card
- iii. Copy of Bank Pass Book
- iv. Copy of PAN Card
- v. Copy of cancelled Bank Cheque

Eligibility conditions for an Applicant

The applicant must be a resident of Haryana. A maximum of two indigenous cows per individual applicant/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 individual applicant/organization should be carried out for collecting the data of the top quality indigenous cows but incentive money would be provided only for two indigenous cows (in highest slabs) of that individual applicant/organization in a particular year.

Further, once the incentive is provided to a beneficiary for a particular indigenous cow, such beneficiary would stand debarred for receiving incentive for that indigenous cow in its subsequent calving in future. In simple terms, incentive for a particular indigenous cow could be provided only one time in its life span.

Roll out of the Scheme in Terms of Commencement of Activities

Identification of top milk yielding Haryana , Sahiwal and Belahi cows involves field performance recording for peak daily milk yield, monthly recording to assess lactation yield through milk recorders, insurance of recorded cows.

Procedure after submission of online application by an Applicant

Once the applicant has applied online on SARAL portal the application would stand submitted to Sub Divisional Officer (Animal Husbandry) of the concerned Sub Division who would examine the application and if found not in order the same would be rejected. However, if application is found in order then the Sub Divisional Officer (Animal Husbandry) would accept the application on-line and the print-outs of the same would be taken alongwith enclosures. Within three working days of acceptance of online application of the applicant, Sub Divisional Officer (Animal Husbandry) would intimate and ask concerned Veterinary Surgeon, I/C Government Veterinary Hospital for verification of the breed of cow of the applicant in the format annexed as Annexure-I after receipt of which the Veterinary Surgeon would report to Sub Divisional Officer (Animal Husbandry) within a week in the format annexed as Annexure-II. After receipt of breed verification report from Veterinary Surgeon; the Sub Divisional Officer (Animal Husbandry) would intimate the Deputy Director of concerned district and request for fixing date and venue of milk recording in the format annexed as Annexure-III. Deputy Director of concerned district would write to Committee and the applicants intimating date and venue of Milk Recording in the format annexed as Annexure-IV.

Field performance recording for production performance

Under the scheme, the Hariana , Sahiwal and Belahi cows, meeting the bench mark of 8 kg, 10 kg and 5 Kg peak daily milk yield respectively will be recorded and identified. The present practice of recording the peak milk production at a Public Institution (in full public view) following a prior notice of by the following committee would continue, however, as to arrive at lactation yield milk recording by Veterinary Livestock Development Assistants of concerned Government Veterinary institution, who would act as milk recorders, would be started from 5 to 25 days of calving of the cow. The committee for recording peak milk yield of the cows would be as follows-

- i. Deputy Director, Animal Husbandry or his representative not below the rank of Sub Divisional Officer (AH)
- ii. Semen Bank Officer/any Veterinary Surgeon deputed by Deputy Director
- iii. Area Veterinary Surgeon
- iv. Representative of Village Panchayat- Sarpanch or Ward Member

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 in the format annexed as Annexure-V. The first recording would be treated as “Emptying/Stripping milk yield”.

If the cow of an applicant qualifies for any of the slabs of milk yield for that breed then the applicant would have to submit a Self-Declaration to the Committee in the format annexed as Annexure-VI undertaking to abide by conditions as required under the Scheme.

To arrive at more reliable lactation yield of cow, the milk recording by Veterinary Livestock Development Assistant of concerned Government Veterinary institution would start from 5 to 25 days of calving of the cow and thereafter monthly recordings would continue. After the milk recording by the Committee, monthly recordings of milk yield would continue by Veterinary Livestock Development Assistant of concerned Government Veterinary institution. The concerned Government Veterinary Hospital would be responsible for maintaining complete records of such monthly milk recordings which would be monitored by the officers of the Department.

Identification of top milk yielding cows and their progeny

Immediately after the performance recording (4th milking) at a Public institution, the cows meeting the production bench mark and their accompanying progeny (calf at foot) would be identified through ear tagging and a proper record would be maintained by the concerned Government Veterinary Hospital.

Provision of Publicity and Mobility under the Scheme

Block Level Extension Officer (B.L.E.O.) shall be responsible for wider publicity of the Scheme in the concerned block. The B.L.E.O. shall identify and encourage the owners of quality indigenous cows for applying under the Scheme and also assisting them in online application submission on SARAL portal.

Veterinary Surgeon and Veterinary Livestock Development Assistant of the area will also be responsible for publicity of the Scheme in areas under their jurisdiction. The livestock owners would be provided information and encouraged

during various Health Care Camps, Kisan Gosthis etc. for availing benefit under the Scheme.

Publicity and Extension Branch at Headquarter would be responsible for wider publicity and extension of the Scheme through printing of pamphlets, booklets and through other extension materials. This being a scheme for welfare of farmers and for development and conservation of indigenous cattle, an extensive and wide publicity is required for which a sum of Rs. 10.00 lac is provided for the year 2018-19 for printing of publicity material etc. by Publicity and Extension Branch at headquarter.

Cash flow Requirement as per Roll out Plan

The lactation yield of each identified Haryana, Sahiwal and Belahi will be calculated initially on the basis of peak production. Subsequently, cumulative monthly milk recordings will also be taken into account for more accurate assessment of the lactation yield. The incentive money of the recorded cows would be released after four months of the peak milk yield recording to avoid the chances of the same cow being recorded again during its current lactation. Cash incentive at the following rates under different slabs would be provided to the owners of the recorded cows after four months of Milk Recording:-

i. Haryana Cows

Slabs of 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

Slabs of 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/-

iii. Belahi cows

Slabs of peak Yield in Kg	Incentive Money
5 to 8 Kg	Rs. 5,000/-
>8 to 10 Kg	Rs. 10,000/-
Above 10 Kg	Rs. 15,000/-

District wise Targets

District wise Target for the Scheme for the conservation and development of indigenous cattle (Gausamvardhan) for the year		
Sr. No.	Name of District	Annual Target
1	Ambala	30
2	Bhiwani	130
3	Ch. dadri	70
4	Faridabad	40
5	Fatehabad	45
6	Gurugram	30
7	Hisar	145
8	Jhajjar	80
9	Jind	110
10	Kaithal	50
11	Karnal	60
12	Kurukshetra	80
13	Mahendergarh	145
14	Mewat	30
15	Palwal	50
16	Panchkula	25
17	Panipat	30
18	Rewari	115
19	Rohtak	170
20	Sirsa	85
21	Sonipat	55
22	Yamuna Nagar	25
	Total	1600

Note:- This target would not restrict milk recording of more cows if otherwise found eligible. The benefit under the Scheme is not to be denied to any eligible owner of cow simply because of the reason of achievement of cent-percent targets.

(Format for intimation to Veterinary Surgeon for Verification of breed)

No.

Date

From

Sub Divisional Officer (AH)
Animal Husbandry & Dairying Department
Sub Division

District

To

Veterinary Surgeon
Government Veterinary Hospital

District

**Subject- Verification of breed of cow for participation in Milk recording
under the Scheme conservation and development of indigenous
cattle**

(Gausamvardhan)

Memo

In reference to the subject cited above it is to intimate that following applicants have applied online for participation of their cows in Milk Recording.

(Name and Addresses of Applicants)

You are hereby requested to inspect and submit your report within one week whether these cows are true to Haryana/sahiwal/Belahi Breed so that these could be allowed in the Milk Recording.

Sub Divisional Officer (AH)
Animal Husbandry & Dairying Department
Sub Division

District

(Format for report of Veterinary Surgeon for Verification of breed)

No.

Date

From

Veterinary Surgeon
 Government Veterinary Hospital
 District

To

Sub Divisional Officer (AH)
 Animal Husbandry & Dairying Department
 Sub Division
 District

Subject- Verification of breed of cow for participation in Milk recording under the under the Scheme conservation and development of indigenous cattle (Gausamvardhan)

Memo

In reference to your letter No. dated on the subject cited above it is to intimate that I inspected cows of following applicants on(date)..... who have applied online for participation of their cows in Milk Recording.

Sr. No.	Name and Addresses of Applicants	Breed of Cow	Tag No. of cow, if already tagged	Sex of calf on foot (Male or female)	Whether eligible for Milk Recording

Veterinary Surgeon
 Government Veterinary Hospital
 District

(Format for request to Deputy Director for fixing date and venue of Milk Recording)

No.

Date

From

Sub Divisional Officer (AH)
Animal Husbandry & Dairying Department
Sub Division

District

To

Deputy Director
Animal Husbandry & Dairying/ICDP
District

Subject- Fixing date and venue for Milk recording under the Scheme under the Scheme for conservation and development of indigenous cattle (Gausamvardhan)

Memo

In reference to the subject cited above it is to intimate that following applicants applied online for participation of their cows in Milk Recording and concerned Veterinary Surgeon has verified cows of these applicants as true to Haryana/sahiwal/Belahi breed-

(Name and Addresses of Applicants)

You are hereby requested to kindly fix date and venue of Milk recording of these cows as required under the Scheme of conservation and development of indigenous cattle (Gausamvardhan) at the earliest.

Sub Divisional Officer (AH)
Animal Husbandry & Dairying Department
Sub Division

District

(Format for intimation to Committee for Milk Recording)

No.

Date

From

Deputy Director
Animal Husbandry & Dairying/ Intensive Cattle Development Project
District

To

(Names and Addresses of Committee Members)

Subject- Fixing date and venue for Milk recording under the Scheme for conservation and development of indigenous cattle(Gausamvardhan)

Memo

In reference to the subject cited above it is to intimate that following applicants applied online for participation of their cows in Milk Recording and concerned Veterinary Surgeon has verified cows of these applicants as true to Haryana/Sahiwal/Belahi breed-

(Name and Addresses of Applicants)

It has been decided to hold Milk Recording for cows of above mentioned applicants from to at(venue).....You, being a member of the Committee, are hereby requested to kindly conduct the Milk Recording as per schedule and submit necessary reports.

Deputy Director
Animal Husbandry & Dairying/
Intensive Cattle Development Project
District

Copy to applicants with the request to bring the cows for Milk Recording

(Format for records of milking and calculation of Peak Yield of Cow under the Scheme of conservation and development of indigenous cattle (Gausamvardhan)

Details of Milk Recording

1. Venue of Milk Recording
2. Ear Tag Number of Cow
3. Date of Calving of Cow
4. Sex of calf at foot (Male/Female)
5. Ear Tag Number of calf

	Emptying/ Stripping Milking	First Milking	Second Milking	Third Milking
1	2	3	4	5
Date				
Time				
Milk yield in Kg.				

Total of Column 3, 4 and 5 above (in Kg.)

Calculated Peak yield of the Cow

Date:

Signature, Name and Designation of Committee Members

Self Declaration by Applicant



I, S/o, D/o, W/o resident of solemnly declare as under-

- 1. that I am a permanent resident of the State of Haryana.
- 2. that my cow Tag No. has participated in Milk Recording held from to at
- 3. that the Animal Husbandry & Dairying Department, Haryana shall have the first right to purchase the progeny (male calf) of the recoded cow.
- 4. that I shall abide by all the directions of Animal Husbandry and Dairying Department, Haryana regarding livestock insurance, breeding, managemental practices etc.
- 5. that I shall abide by all the terms and conditions as required under the Scheme for conservation and development of indigenous cattle (Gausamvardhan) being implemented by Animal Husbandry and Dairying Department, Haryana.
- 6. that if at any stage it is noticed by the Department that I have violated any terms and conditions of the Scheme or have provided wrong information, I shall be liable to return all the financial assistance provided to me by the Department and shall stand debarred from any financial assistance under any other Scheme being implemented by the Department in future.

Date-

Signature of Applicant
Name and Address of Applicant