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From

To Director General,
Animal Husbandry & Dairying,
Pashudhan Bhawan, Sector-2, Panchkula.

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

Subject: Scheme for Integrated Murrah Development 2013-14.

Memo

It is a continued scheme and for the year 2013-14 an amount of Rs.600.00 lac is earmarked for this scheme out of a total plan outlay of Rs. 12500.00 lac.

As the Govt. is well aware that many States procure breeding germplasm from Haryana for upgradation of their low yielding buffaloes. In addition, a large number of high yielding *buffaloes* in their prime age of production leave the state for metros and other cities/towns and nearly all of them end up in the slaughter houses after their current lactation without leaving any progeny behind. This situation has left the Murrah population in a quagmire of genetic drain. In addition to milk the potential of buffalo, as an important source of low-fat lean meat, needs to be exploited.

In spite of having the best genetic resources, the productivity of buffaloes in the state has not increased upto the desired level, mainly because of negative selection due to exodus of the best germplasm on a large scale, indiscriminate breeding, lack of record keeping, poor managerial conditions and inadequate feeding practices.

Strategically the initial approach would include screening of the base population for their production performance and identification of Murrah buffaloes (and their progeny) yielding more than 2600 litres of milk in a lactation. The male progeny of these recorded buffaloes would be procured and reared under scientific management as future bulls.

The detail of the proposed scheme is as under: -

1. All the buffaloes, meeting the bench mark of 13 kg peak yield (2600 kg lactation yield) Properly identified (with ear tags) along with their progeny. Cash incentives ranging from Rs. 5000 to Rs. 25,000 would be given to owners of these buffaloes who would in turn be under obligation not to sell the buffalo and its male progeny for at least one year of calving. All identified *buffaloes* will be got insured with the project bearing 50% of the premium cost.

Male calves born to high yielding dams would be procured and reared at special bull rearing centres under the care of experts as future bulls. These young bulls would be categorised as per their dam yield and supplied to Panchayats at subsidized rate and to other states / areas based on production potential of the local population. The top most bulls will be reserved for ultramodern sperm stations for production of semen for nominated mating of identified as well as other buffaloes.

2. Under the scheme, the scope will be to record buffaloes yielding more than 13 Kg as peak yield. As is the present practice, 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
- (ii) Area Veterinary Surgeon.
- (iii) 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". After the initial screening and recording by the committee, monthly recordings of milk yield would be undertaken to obtain more reliable assessment of lactation yield by milk recorder / Para staff and recording would be closely watched and supervised by Vety. Surgeon and other officers of the department.

Immediately after the performance recording (4th milking) in a Public institution, the buffaloes meeting the minimum production bench mark of 13 kg milk (peak yield per day) and their accompanying progeny (suckling calves) would be identified through ear tagging and a proper record would be maintained by the concerned Veterinary Hospital. The progeny born to recorded buffaloes in subsequent calving will also be identified. A copy of all records in the form of a booklet for each animal will be given to the owners who will be encouraged to maintain and update the production, reproduction and health records with the help of area veterinarian/ Para staff / data recorders as per GOI instructions. The records will be pooled and compiled at the levels of sub division, district and headquarters and all data will be computerized. The insurance of these animals will be done at the spot and the 50% of the insurance premium will be borne under this scheme where insurance of Milch animals is not covered under GOI scheme or SCSP. Once the identification of the buffaloes is accomplished, nominated mating will become a reality to undertake Field Progeny Testing Programme for evaluation of bulls for their milk-transmitting ability.

3. Cash incentive at the following rates is proposed to be given to the owners of the recorded buffaloes:

Lactation yield in Kg(peak yield)	Incentive (Rs.)
2600 - 3200(13-16 Kg)	5000.00
3200 - 3800(16-19 Kg)	10000.00
3800 - 5000(19-25 Kg)	15000.00
More than 5000 (Above 25 Kg)	25000.00

In lieu of the cash incentive provided, the owner would be under obligation (through an affidavit) not to sell his/her recorded buffalo and its male progeny at least for one year. He would be further bound to look after the male calf properly and the department will have the first right of its purchase. Thus an 'in situ' Murrah Germplasm Bank will be available at all the times. In case, the farmer does not abide by the contract i.e. disposes of the identified buffalo and or its male calf, he would have to return the cash incentive received by him. The owners of the recorded buffaloes would be required to breed their animals through artificial insemination.

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4. The villages with more than 50 recorded Murrah buffaloes and out of which 1/3 being having 16 kg. and above peak yield would be identified as ideal Murrah Village and an incentive of Rs.5.00 lac each would be provided to Breeder societies of these villages under the scheme.

5. The duly identified male progeny of the recorded buffaloes will be purchased at an age of 12-18 months by the Government through a committee of departmental officers at a MSP of Rs. 10000, 18000, 20000 & Rs. 30000 for the male calves of the recorded categories of buffaloes after negotiating with the owner. Prior to purchase, each young bull will be checked for breed characteristics, sexually transmitted diseases and subjected to basic Andrological examination such as for size and consistency of testicles. These young bulls would be transported to the centres located at Hisar, Lakaria (Jhajjar) & Bhiwani and would be reared under scientific management. While being reared at these centres, these young bulls will be monitored for their growth rate and tested against all the diseases of concern. They would also be subjected to regular andrological evaluation and karyotyped for cytogenetic abnormalities. From these rearing centres, the bulls would be sold/ supplied.

the year 2013-14, there is a target to identify 10,000 top quality murrah buffaloes and to achieve this target, the outsourcing of one jeep on monthly basis for each district would be done to provide mobility to the staff. An outlay of Rs. 600.00 lac is provided in the scheme to implement this scheme in the year 2013-14.

The expenditure involved shall be debited to the budget grant under head:-

2403 - Animal Husbandry
102 - Cattle & Buffalo Development
(73) Scheme for Integrated Murrah Development (Plan) 2013-14.

Director General, Animal Husbandry & Dairying Haryana, Panchkula will be the overall controlling and Drawing & Disbursing Officer of the scheme. Besides this, the Dy. Director Intensive Cattle Development Project, Ambala, Kamal, Kurukshetra, Bhiwani, Sirsa, Jind, Gurgaon and Deputy Director, Animal Husbandry & Dairying, Fatehabad, Faridabad, Hisar, Jhajjar, Kaithal, Narnaul, Panchkula, Palwal, Panipat, Rewari, Yamunanagar, Rohtak, Sonapat and Mewat at Nuh will be the Drawing & Disbursing officers of the scheme. The administrative & financial sanction of the scheme for the year 2013-14 is required for implementation, please.



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

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From Principal Secy. to Government Haryana,
Animal Husbandry & Dairying Department.

30 JUL 2013

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

Receipt No. 2288

Memo No. 1347-AH-4-2013 ~:J | b
Chandigarh, dated 29.6.13

Subject:- Scheme for Integrated Murrah Development 2013-14 (Plan)

Hef. Your memo No. 1959 P-2, dated 16.4.2013.

The Governor of Haryana is pleased to accord administrative approval-cum-financial sanction to the continuance of scheme cited as subject during the year 2013-14 on non-recurring basis at a total estimated cost of ~ 1.50 Crore (~ One Crore Fifty Lacs only) for the 1st quarter 25% as per enclosed statement of cost subject to the following conditions :-

i) Scheme is approved in the budget Estimate of the department.

ii) No new post will be created under the scheme and no vacant post would be filled up without prior approval of Finance Department.

iii) The expenditure of the year will be passed out in four quarters viz 1st quarter 25%, 2nd quarter 20%, 3rd quarter 25% and 4th quarter 30%.

iv) Instructions on economy measure issued by the Finance Department from time to time will be strictly adhered to.

The revised sanction will be issued in case the provision of the scheme is modified any stage.

The expenditure will be debited to the budget head:-

3 "2403-Animal Husbandry
102-Cattle and Buffalo Development
(73) Scheme for Integrated Murrah Development(Plan)
for the year 2013-14".

4. The Director General, Animal Husbandry & Dairying, Haryana, Panchkula will be the over all controlling and Drawing & Disbursing Officer for the scheme. Besides this, the Deputy Director, Intensive Cattle Development project, Ambala, Karnal, Kurukshetra, Bhiwani, Sirsa, Jind, Gurgaon and Deputy Director, Animal Husbandry & Dairying, Fatenabad, Faridabad, Hisar, Jhajjar, Kaithal, Narnaul, Panchkula, Palwal, Panipat, Rewari, Yamunanagar, Rohtak, Sonapat, Mewat at Nuh will be the Drawing & Disbursing Officers of the scheme.

5. This memo issues with the concurrence of the Finance Department conveyed vide their U.O. No. 5/6/2005-5 B&C, dated 26.3.2009 and 11.6.2010

- Under the -

for Principal Secretary to Government Haryana,
Animal Husbandry & Dairying Department

Contd.-2.

Endst. No. 1347-AH-4-2013/

Chandigarh, dated

A copy duly signed in ink along with its spare copies is forwarded to the following for information and necessary action :-

- 1 The Principal Accountant General (A & E) Haryana, Chandigarh.
- 2 The Principal Accountant General (Audit), Haryana, Chandigarh.

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Under Secretary,
for Principal Secretary to Government Haryana,,
Animal Husbandry & Dairying Department

A copy is forwarded to the Principal Secretary to Government, Haryana Finance Department for information with reference to his U.O. No. 5/6/2005-5 B&C, dated 26-3-2009 and 11.6.2010

Under Secretary,
for Principal Secretary to Government Haryana,,
Animal Husbandry & Dairying Department

To

The Principal Secretary to Govt. Haryana,
Finance Department (inFD-1 Br.)

U.O. No. 1347-AH-4-2013/

Chandigarh, dated