

Guidelines on Distribution of High Genetic Merit Bulls (Revised August 2015)

Under NDP I, the End Implementing Agencies (EIAs) have been implementing various PT, PS projects for production of High Genetic Merit (HGM) bulls of various breeds to meet the requirement of semen stations in the country. The HGM bulls produced by these projects and those produced through Embryo Transfer Technology (ETT) need to be allocated to various eligible semen stations in an unbiased way. Similarly, exotic bulls imported, if any, under NDP I would also need to be allocated to various eligible semen stations in an unbiased way.

In order to make an unbiased allocation of such bulls, GoI has constituted an independent committee with the following objectives:

- To decide on the procedure to be followed in allocation of bulls to different eligible semen stations, including two new semen stations (as per PIP of NDP I), and communicate it to all the semen stations and;
- To ensure timely supply of allocated bulls to eligible semen stations by concerned EIAs implementing bull production programmes, following the guidelines finalised by NDDDB in consultation with the DADF under the overall supervision of Mission Director, NDP I.

Procedure for the allocation of bulls :

- 1) Each eligible semen station interested to get bulls produced under NDP will send their breed wise indent of bulls to the Mission Director, NDP-I before 10th of April every year giving the following details:
 - Breed wise semen production during the previous year (1st April to 31st March) and breed wise population.
 - Breed wise indent of bulls to be replaced and additional bulls required for production of targeted incremental semen doses.
- 2) Each EIA implementing PT, PS and ET project will communicate to the Mission Director, NDP-I, before 10th of first month of every quarter, the breed wise bulls available for distribution with the following details:
 - Bull no., Breed, Date of birth and source of each bull
 - Status of parentage verification, genetic and infectious diseases and chromosomal abnormalities (karyotyping) for each bull
 - Number of bulls that the agency wants only for test mating
 - Number of bulls that it makes available for distribution but requires minimum 7000 doses for test mating (max. 4000 doses to undertake min. 2000 test inseminations and 3000 doses for the long term mandatory storage requirement).
- 3) Bulls available for distribution from all projects together will be ranked breed wise based on their breeding values and if breeding values are not available at the time of allotment Dam's best standard lactation milk yield shall be considered.

- 4) Available bulls of particular breed shall be grouped into four groups based on the breeding values or Dam's best standard lactation milk yield.
- 5) The allocation of bulls grouped in such manner shall be made to semen stations/ agencies based on their bull replacement requirement and targeted semen production. If possible, minimum three bulls will be allotted to a semen station to save on the cost of transportation per bull.
- 6) For arriving at the specific bulls to be given to each semen station, the following criteria will be considered:
 - Allotment from all bull groups (point 4 above) in proportion to the total requirement and at random within the group.
 - Not to supply more than 4 half sib/ full sib bulls to the same semen station.
 - A set of Test bulls to be as genetically varied as possible.
- 7) Bulls produced under NDP-I projects will be allocated to different semen stations by last day of the immediate month after the end of the quarter (i.e. 31st July, 31st October, 31st January and 30th April). If bulls are not lifted by the semen stations within the stipulated time (within two months of allocation), then such bulls will be allocated to the next semen station in the waiting list by the Mission Director, NDP-I, pending ratification in the next Bull Distribution Committee meeting.
- 8) Allocation of bulls shall be decided by Bull Distribution Committee comprising the following members :

A. Mission Director, NDP-I	Chairman
B. Representative of DADF, MoA, GoI	Member
C. CEO of two EIAs implementing bull production programme under NDP-I	Member
D. CEO of two EIAs engaged exclusively in semen production under NDP-I	Member
E. CEO of Livestock Development Board/Agency from a non NDP-I state	Member
F. General Manager (AB), NDDB, Anand	Member Secretary

Members of the Committee mentioned at C, D and E shall be on a rotation basis for a period of one year.

- 9) Any disputes arising on allotment of bulls shall be brought to the knowledge of the Expert Group constituted by DADF, GoI, for its resolution and the decision thereof will be final. The Expert Group will also review the status of allotments made by the Bull Distribution Committee on yearly basis.
