

GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE AND FARMERS WELFARE
DEPARTMENT OF AGRICULTURE, COOPERATION AND FARMERS WELFARE

LOK SABHA
UNSTARRED QUESTION NO.1137
TO BE ANSWERED ON THE 22ND NOVEMBER, 2016

BIOTECH-KISAN AND CATTLE GENOMICS SCHEME

1137. SHRI C. MAHENDRAN:

Will the Minister of AGRICULTURE AND FARMERS WELFARE ऋदुशुआओँ एवं किसान कल्याण ½ãâããè be pleased to state:

- (a) whether the Government has launched two new schemes namely Biotech-KISAN and Cattle Genomics recently;
- (b) if so, the details thereof;
- (c) whether the scheme is likely to boost rural economy and if so, the details thereof;
- (d) the major salient features of the schemes;
- (e) whether these schemes are likely to be implemented in all the States; and
- (f) if so, the details thereof?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE

ऋदुशुआओँ एवं किसान कल्याण ½ãâããè ½ãñâ Àã¾ã ½ãâããè (SHRI PARSHOTTAM RUPALA)

(a) to (f): Yes, Madam. The Government has initiated a new scheme namely "National Mission on Bovine Productivity" with an allocation of Rs. 825 crore over a period of 3 years. The scheme envisages establishment of National Bovine Genomic Centre for Indigenous Breed (NBGC-IB).

The aim of the NBGC is undertake all the activities related to introduction of genomic selection procedures among indigenous bovine breeds or production of supply of high quality genomic tested bulls thereby enhancing milk production and productivity and making indigenous breeds more remunerative to the farmers.

Salient features of the Scheme (NBGC-IB)

- (a) Improving breeding standards of indigenous breeds and thereby realizing faster genetic gain and growth rate in milk production.
- (b) Graining capability within country to design and fabricate Single Nucleotide Polymorphism (SNP) chips for screening animals for indigenous breeds.
- (c) To adopt strategy for selecting high genetic merit animals in the breeding programme of animals of national level.
- (d) To select breeding bulls of high genetic merit at young calf hood stage.
- (e) To create the world class referral centre facility for SNP genotyping of Indian milk producing animals on a commercial basis for decision making about adopting an appropriate breeding plan.

(f) Benefits of the scheme will be available to all the States of the country in terms of increase in milk production and productivity.
