

**GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA**

STARRED QUESTION NO:477
ANSWERED ON:28.04.2010
ANIMAL CLONING
Devappa Anna Shri Shetti Raju Alias

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

- (a) whether the Government is promoting cloning of animal in the country;
- (b) if so, the details thereof;
- (c) whether cloned buffalo calves have been produced by the National Dairy Research Institute;
- (d) if so, the details thereof including the technique applied for the purpose; and
- (e) the benefits likely to accrue as a result thereof specially to the farmers?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF SCIENCE & TECHNOLOGY AND MINISTER OF THE STATE IN THE MINISTRY OF EART SCIENCE (PRITHVIRAJ CHAVAN)

(a) to (e) A statement is laid on the Table of the Hous

STATEMENT IN RESPECT OF LOK SABHA STARRED QUESTION NO. 477 TO BE ANSWERED ON 28.04.2010 REGARDING "ANIMAL CLONING"

(a) & (b) The technology for the production of cloned animal is in the experimental stage. A project has been funded by National Agricultural Innovation Project / Indian Council of Agricultural Research on buffalo cloning in February, 2009. The total approved cost of the project is Rs. 896.51 lakhs and it will be completed in June, 2012.

(c) Yes, Madam.

(d) The National Dairy Research Institute (NDRI), Karnal has produced two cloned buffalo calves (i) first cloned buffalo calf was born on February 6, 2009 but died in a week's time due to pneumonia and (ii) second calf was born on June 06, 2009 and is growing well. Both cloned calves were born through a novel hand guided cloning technology.

(e) The farmers would be benefited through the production of faster multiplication of elite male and female animals. Further, this technology is likely to result in making available quality semen for artificial insemination.