

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

RAJYA SABHA
UNSTARRED QUESTION NO. 1491
TO BE ANSWERED ON 01.01.2018

Antibiotic resistance in poultry farms

1491. SHRI R. VAITHILINGAM:

Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

- (a) whether it is a fact that rampant misuse of antibiotics in poultry farms is leading to large scale antibiotic resistance because of unsafe poultry litter and waste in agricultural land;
- (b) whether it is also a fact that a study has found that misuse of antibiotics in animals is leading to proliferation of multi drug resistance bacteria which has a potential to infect human beings; and
- (c) whether it is also a fact that antimicrobial resistance threatens effective prevention of treatment of an ever increasing range of infectious diseases like tuberculosis, malaria, urinary tract infection and HIV?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

(DR. MAHESH SHARMA)

- (a) to (c) As per the study published by Centre for Science and Environment, New Delhi there are some findings of detection of isolates of *Escherichia coli*, *Staphylococcus lentus* and *Klebsiella pneumoniae* in the poultry litter and samples collected from environment around the poultry farm showing antibiotic resistance to specific antibiotics like Doxycycline, Amoxyclav, Nitofuran, Levofloxacin, Ciprofloxacin, Chloramphenicol, Cefuroxime, Cefotaxime, Ceftriaxone, Amikacin, Gentamicin, Co-trimoxazole, Meropenem etc.
