

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION NO. 1926
TO BE ANSWERED ON 30.07.2021

Capacity of Forest to Absorb Carbon Dioxide

1926. SHRI HEMANT TUKARAM GODSE:

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

- (a) whether tree plantation areas are included while calculating forest area and if so, the details thereof;
- (b) whether a correct assessment of the capacity of forest to absorb carbon dioxide has been made and if so, the details thereof;
- (c) if not, whether the Government proposes to develop any system to assess the purity of air in the absence of correct information regarding the capacity of plants inside and outside forest areas to absorb carbon dioxide; and
- (d) if so, the details thereof along with the time by which the said system is likely to be developed?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(SHRI ASHWINI KUMAR CHOUBEY)

- (a) All tree plantation areas, irrespective of ownership and legal status, having area more than one hectare and tree canopy density of more than 10 percent are included while estimating the forest cover in the India State of Forest Report published every two years by Forest Survey of India, an organization under the Ministry. Such lands may not necessarily be a Recorded Forest area and may include orchards, bamboo and palm.
- (b) Forest Survey of India estimates Carbon stock of India's forest by using National Forest Inventory data alongwith forest cover and forest type layers, as well as Carbon content in biomass for different forest types/species as available in different literature including the Inter Governmental Panel on Climate Change (IPCC) Guidelines (2006).
- (c) & (d) Does not arise.
