

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION NO. 4359
TO BE ANSWERED ON 19.07.2019

Impact of Climate Change on Crop Production

4359. SHRI SAPTAGIRI SANKAR ULAKA:

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

- (a) whether the Government is aware of any study that reveals the impact of climate change on crop production;
- (b) if so, the details thereof along with the details of crops identified which are less sensitive to climate variations; and
- (c) whether the researchers have mapped the relationship between annual variation in temperature and rainfall in the country and if so, the details of thereof?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(SHRI BABUL SUPRIYO)

(a) & (b) Indian Council of Agriculture Research (ICAR) has conducted studies under National Innovations on Climate Resilient Agriculture (NICRA) project, which indicates variable impacts of climate change on production of certain crops like rice, wheat, maize, sorghum, groundnut, chickpea, soybean and potato production in different regions of India.

(c) As per information furnished by the Ministry of Earth Sciences, increase in temperature would result in increase in moisture content in the atmosphere due to more evaporation and can lead to increased rainfall.
