

**GOVERNMENT OF INDIA
AGRICULTURE
LOK SABHA**

STARRED QUESTION NO:7
ANSWERED ON:23.02.2010
CLIMATE CHANGE AND AGRICULTURE
Rao Shri Sambasiva Rayapati

Will the Minister of AGRICULTURE be pleased to state:

(a) whether the Government has made any assessment on the impact of climate change including changing monsoon pattern on the agriculture sector in the country and the manner in which agricultural productivity/produce has been affected/likely to be effected therefrom;

(b) if so, the details thereof, crop-wise and region-wise; and

(c) the steps being taken by the Government to address the issues relating to climate change adaptation and mitigation in the agriculture sector?

Answer

MINISTER OF AGRICULTURE(SHRI SHARAD PAWAR)

(a) to (c): A statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (c) OF LOK SABHA STARRED QUESTION NO. 7 DUE FOR REPLY ON 23RD FEBRUARY, 2010.

(a) to (c): Yes, Madam. Systematic studies on climate change which includes changing monsoon pattern and its impact on the agriculture sector in the country are relatively few and of recent origin. The Indian Council for Agricultural Research (ICAR), Ministry of Agriculture has a "National Network Project on Climate Change (NNPCC)" launched during X Five Year Plan with the objective to study the impact of climate change on agriculture sector including livestock, fisheries, horticulture and forestry at different locations spread across the country. Assessment of climate change and its impact on India agriculture is an on-going process and NNPCC is continuing in the present Plan period also. Though there are no definite and conclusive evidence of the impact of climate change on agricultural productivity, studies conducted under NNPCC indicates that changes in precipitation pattern may impact agriculture production in future. Assessments conducted by ICAR on the impact of climate change on Indian agriculture is annexed.

Government of India, Ministry of Agriculture has intensified programmes implemented under the National Food Security Mission, National Horticulture Mission and Rashtriya Krishi Vikas Yojana (RKVY) with a view to increase the productivity of agricultural land and also address the various issues relating to climate change adaptation and mitigation in the agriculture sector.