

Impact of climatic change on agriculture

139. DR. JANARDHAN WAGHMARE: Will the Minister of AGRICULTURE be pleased to state:

(a) whether Government has taken serious cognizance of the climatic change which has disrupted the monsoon and the entire cycle of seasons consequently affecting agriculture; and

(b) if so, the steps taken so far and to be taken in future?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (PROF. K.V. THOMAS):
(a) and (b) Yes, Sir. Government has taken cognizance of the impact of climate change and has prepared the National Action Plan on Climate Change (NAPCC) to meet the challenges of the climate change. There are eight National Missions under the NAPCC including the National Mission for Sustainable Agriculture (NMSA) for making Indian agriculture more resilient to climate change. The Department of Agriculture and Cooperation and the Department of Agricultural Research and Education have jointly prepared the Mission Document on National Mission for Sustainable Agriculture (NMSA) which contains the adaptation measures required to combat the likely adverse impacts of climate change on agriculture.

Second Green Revolution

140. DR. JANARDHAN WAGHMARE: Will the Minister of AGRICULTURE be pleased to state:

(a) whether Government feels it necessary to launch second green revolution in the country to increase food production which is likely to fall short because of the ever growing population; and

(b) if so, the steps proposed to be taken?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (PROF. K.V. THOMAS):
(a) and (b) The green revolution experienced in India paid rich dividends and the country became self-sufficient in foodgrains. The Eleventh Five Year Plan has set a target to accelerate agricultural growth to 4% per annum. To achieve this objective, the plan outlay for the Department of Agriculture and Cooperation has been increased from Rs.13,883 crore in Tenth Plan to Rs.41,337 crore in the Eleventh Plan (excluding State Plan Schemes). Similarly, the plan outlay for the Department of Agricultural Research and Education and the Department of Animal Husbandry, Dairying and Fisheries has increased from Rs.4,422 crore and Rs.2,208 crore in Tenth Plan to Rs.12,588 crore and Rs.8,054 crore respectively during the Eleventh Plan. The Eleventh Plan also envisages improving efficiency of investment, bringing technologies to the farmers and diversifying agriculture to enhance farmers' income while also protecting food security. The Rashtriya Krishi Vikas Yojana with an outlay of Rs.25,000 crore in the Eleventh Plan, National Food Security Mission with an outlay of Rs.4,883 crore, National Horticulture