

**GOVERNMENT OF INDIA  
AGRICULTURE  
LOK SABHA**

UNSTARRED QUESTION NO:170

ANSWERED ON:22.02.2011

CLIMATE RESILIENT AGRICULTURE

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**Will the Minister of AGRICULTURE be pleased to state:**

- (a) whether the Government has launched a scheme called National Initiative on Climate Resilient Agriculture;
- (b) if so, the details and the objectives thereof; and
- (c) the extent to which the said scheme is likely to benefit the farmers and the agriculture sector in the country?

**Answer**

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND MINISTER OF STATE IN THE MINISTRY OF FOOD PROCESSING INDUSTRIES(SHRI HARISH RAWAT)

(a) & (b): The Government has launched a scheme called National Initiative on Climate Resilient Agriculture with an outlay of Rs.350 crore for the period 2010-2012. The scheme aims to assess the impact of climate change on agriculture and allied sectors in the country and evolve cost effective adaptation and mitigation strategies. The components of the scheme include (i) strategic research on natural resources, major food crops, livestock, marine and freshwater fisheries for adaptation and mitigation; (ii) demonstration of available climate resilient practices on farmers' fields in 100 most vulnerable districts of the country (iii) strengthen research infrastructure and capacity building of scientists for undertaking long term research on climate change adaptation; and (iv) sponsored research.

(c) The demonstrations of improved practices to cope with drought, floods, heat wave, cold wave and frost will be carried out on farmers' field in 100 most vulnerable districts in the country from 2011-12 onwards. This will cover about one lakh farmers directly. The neighbouring farmers in the districts will also be exposed to these practices. In the long-term, the research on development of heat and drought tolerant varieties will help in coping with the problems related to increased temperature and droughts.