

**Assistance under NICRA**

2969. SHRI MD. NADIMUL HAQUE: Will the Minister of AGRICULTURE AND FARMERS WELFARE be pleased to state:

- (a) whether Government provides assistance to farmers affected from climate change under the National Innovations on Climate Resilient Agriculture (NICRA) scheme;
- (b) if so, the details of assistance given to the farmers during the last three years, State/UT-wise;
- (c) the details of activities carried out under NICRA; and
- (d) the procedure for granting the assistance under NICRA?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE (SHRI SUDARSHAN BHAGAT): (a) No, Sir.

(b) to (d) National Innovation on Climate Resilient Agriculture (NICRA) is a network research scheme of Indian Council of Agricultural Research (ICAR) for undertaking strategic research, capacity building and technology demonstrations to enhance resilience of Indian agriculture in changing climate. Under its technology demonstration component (TDC) various climate resilient technologies are demonstrated in 151 villages of the most vulnerable districts of the country. Major interventions implemented under the scheme include efficient management of natural resources, adoption of resilient agronomic practices, adoption of stress tolerant varieties, efficient management of livestock, poultry and fisheries besides strengthening local institution and technical advisories. And, there is no provision under NICRA to provide assistance to farmers affected due to climate change.

**Changes in curriculum of agricultural education**

†2970. SHRI HARIVANSH: Will the Minister of AGRICULTURE AND FARMERS WELFARE be pleased to state:

- (a) the key recommendations of the committee constituted by Agriculture Research Council for bringing change in the curriculum of agriculture education and the recommendations implemented by Government;
- (b) whether teachers and other facilities are available for new curriculum in the institutes; and
- (c) the steps taken by Government to popularize the agriculture education?

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†Original notice of the question was received in Hindi.

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE (SHRI S.S. AHLUWALIA): (a) The Fifth Deans' Committee Report has been approved by the Hon'ble Agriculture and Farmers Welfare Minister and President, Indian Council of Agricultural Research (ICAR) and key recommendations of committee are given in the Statement (*See below*).

(b) Yes, Sir.

(c) Steps have been taken to strengthen/popularize higher agricultural education under XII Plan scheme "Strengthening and Development of Higher Agricultural Education in India":

- (i) To attract and sustain the interest of youth in agricultural education, the ICAR provides Stipend and Fellowship/assistance under various programs.
- (ii) A new Student 'READY' (Rural and Entrepreneurship Awareness Development Yojana) programme has been launched with a stipend of ₹ 3000/ student / month for maximum of six months.
- (iii) The National Talent Scholarships for undergraduate students has been enhanced to ₹ 2000/ student/ month from existing ₹ 1000/ student/ month and Scholarship for PG students has also been initiated @ ₹ 3000/ student/ month.
- (iv) Netaji Subhas-ICAR International Fellowship for Ph.D. to Indian students at overseas universities @ US\$ 2000/month and foreign students at Indian Agricultural Universities @ ₹40,000/- per month is being implemented since 2009.

#### ***Statement***

##### ***Key Recommendations of Fifth Deans Committee***

#### **1. Student READY (Rural and Entrepreneurship Awareness Development Yojana)**

In compliance with the Student READY programme launched by the Hon'ble Prime Minister of India on 25th July, 2015, the following components are recommended for conducting one year program in all the UG disciplines:

- Experiential Learning
- Rural Agriculture Work Experience
- In Plant Training/Industrial attachment
- Hands-on Training (HOT)/Skill development training
- Students Projects

**2. Common Courses-** It was a general consensus that students of all disciplines need to be taught the courses on the following topics. The title of the course may, however, be kept as per the feasibility of the Institute.

1. Environmental Studies and Disaster Management
2. Communication Skills and Personality Development
3. Information and Communication Technology
4. Entrepreneurship Development and Business Management
5. Agricultural Informatics
6. Economics and Marketing

**3. New Programmes-** Fifth Deans' Committee has introduced the following new courses:

- B. Tech. (Biotechnology)
- B.Sc. (Hons) Sericulture
- B.Sc. (Hons) Home Science rechristened as Community Science
- B.Sc. (Hons) Food Nutrition and Dietetics

**4. Detailed Project Reports (DPRs) for Establishment of new Colleges:**

Fifth Deans' Committee has Developed DPRs for establishment of colleges by integrating the recommendations of Committee on Minimum Standards on Higher Agricultural Education in terms of faculty strength, land requirement, departments and infrastructure.

**5. Holistic distribution of courses:**

The Committee recommended to distribute courses in the following format to inculcate the Basics, Principles and Skills in a systematic way.

I year	-	Basic and fundamental courses
II Year	-	Principles
III Year	-	Production system
IV Year	-	Skill and entrepreneurship development

**6. Declaring degrees in Agricultural Sciences as professional:**

The committee has recommended that all degrees in the disciplines of Agricultural Sciences be declared as professional courses, which include undergraduate in:

- (1) Agriculture
- (2) Agriculture Engineering
- (3) Biotechnology
- (4) Dairy Technology
- (5) Fisheries
- (6) Food Technology
- (7) Forestry
- (8) Home Science (Community Science)
- (9) Horticulture
- (10) Sericulture

**Irrigation facility for additional land**

†2971. SHRI MOTILAL VORA: Will the Minister of AGRICULTURE AND FARMERS WELFARE be pleased to state:

- (a) whether it is a fact that Government intends to make two crore hectares of additional land irrigated across the country;
- (b) if so, the details thereof, State-wise;
- (c) in what manner arrangement for water will be made to make the land irrigated; and
- (d) the total estimated cost for it?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE (SHRI PARSHOTTAM RUPALA): (a) to (d) No, Sir. However, a target of creating irrigation potential of 28.5 lakh hectare (7.5 Lakh ha under Accelerated Irrigation Benefit Programme and 21.0 Lakh ha under Har Khet Ko Pani component) had been kept under Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) for the period 2015-16 to 2019-20.

Further, during 2016-17, under PMKSY-AIBP and Command Area Development and Water Management (CADWM) component (PMKSY-HKKP), Ninety Nine (99) Major/

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