

**GOVERNMENT OF INDIA
AGRICULTURE
LOK SABHA**

UNSTARRED QUESTION NO:1877

ANSWERED ON:22.07.2014

MODERN METHOD OF PADDY CULTIVATION

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Will the Minister of AGRICULTURE be pleased to state:

- (a) whether the Government proposes to promote modified method of cultivation of paddy to get better output;
- (b) if so, the details thereof;
- (c) whether the cost of cultivation has increased in the country during each of the last three years and the current year;
- (d) if so, the details thereof and the reasons therefor; and
- (e) the long term action plan chalked out/being chalked out by the Government to increase the production and productivity of rice in the country including Bihar?

Answer

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FOOD PROCESSING INDUSTRIES (DR. SANJEEV KUMAR BALYAN)

(a) & (b): In order to enhance the production & productivity of rice in the country, Government of India has been promoting modified methods of paddy cultivation such as System of Rice Intensification (SRI), Direct Seeded Rice (DSR) and Line Transplanting under various crop development programmes such as 'National Food Security Mission (NFSM)', 'Bringing Green Revolution to Eastern India (BGREI)' and 'Rashtriya Krishi Vikas Yojana (RKVY)'.

(c) & (d): The cost of cultivation/production of agricultural commodities depends upon the prices of various inputs like labour, seeds, fertilizers, pesticides, irrigation charges, rental value of land, mechanization, etc. The Ministry is generating cost of cultivation/production estimates of selected crops including paddy of 19 states. The details of Cost of Cultivation of major paddy growing States for the latest available three years (2009-10 to 2011-12) is given below:-

State Year Cost of Cultivation (Rupees/ha)

Andhra Pradesh 2009-10 54202.54

2010-11 51505.34

2011-12 58027.19

Punjab 2009-10 50650.21

2010-11 51279.34

2011-12 53813.93

Tamil Nadu 2009-10 46959.70

2010-11 50632.40

2011-12 59767.05

Uttar Pradesh 2009-10 32327.78

2010-11 32299.35

2011-12 40146.68

West Bengal 2009-10 38111.55

2010-11 43019.85

2011-12 49142.99

Bihar 2009-10 19764.04

2010-11 20960.19

2011-12 27833.63

(e): The Government have drawn up long term strategy to increase the production and productivity through promoting newer technology like hybrid rice cultivation, multiple stress tolerant varieties, soil health improvement through use of lime, Gypsum, micro-nutrient, green manuring, balanced use of fertilizers, mechanization etc., besides any new technologies developed by Indian Council of Agricultural Research (ICAR) & State Agricultural Universities (SAUs) with help of various programmes like NFSM, RKVY, BGREI, National Mission for Sustainable Agriculture (NMSA) etc. across the country including Bihar.