

GOVERNMENT OF INDIA  
MINISTRY OF AGRICULTURE AND FARMERS WELFARE  
DEPARTMENT OF AGRICULTURE, COOPERATION AND FARMERS WELFARE

**LOK SABHA**  
**UNSTARRED QUESTION NO.2706**  
TO BE ANSWERED ON THE 9<sup>TH</sup> JULY, 2019

**MANAGEMENT OF STUBBLE**

2706. SHRI RAJENDRA AGRAWAL:

Will the Minister of AGRICULTURE AND FARMERS WELFARE कृषि एवं किसान कल्याण मंत्री be pleased to state:

- (a) the details of the efforts made by the Government to prevent stubble burning in the States of North India;
- (b) the efforts made by the Government to carry out research in order to find ways of removing stubble without its burning;
- (c) whether the Government proposes to provide assistance to the farmers for management of stubble; and
- (d) if so, the details thereof?

**ANSWER**

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री ( SHRI NARENDRA SINGH TOMAR)

(a): To address air pollution and to subsidize machinery required for in-situ management of crop residue, a new Central Sector Scheme on 'Promotion of Agricultural Mechanization for In-Situ Management of Crop Residue in the States of Punjab, Haryana, Uttar Pradesh and NCT of Delhi' for the period from 2018-19 to 2019-20 has been launched with the total outgo from the Central funds of Rs. 1151.80 crores. During 2018-19, the funds amounting to Rs. 269.38 crores, Rs.137.84 crores and Rs. 148.60 crores have been released to the Government of Punjab, Haryana and Uttar Pradesh respectively, for distribution of in-situ crop residue management machinery to the farmers on subsidy, establishment of Custom Hiring Centres (CHCs) of in-situ crop residue management machinery and undertaking Information, Education and Communication (IEC) activities for creating awareness among farmers. During 2019-20, the funds amounting to Rs. 248.00 crores, Rs.175.00 crores and Rs. 97.54 crores have also been released so far to the Government of Punjab, Haryana and Uttar Pradesh, respectively.

(b): Research and Development is an ongoing activity and have been carried out by the Indian Council of Agricultural Research (ICAR) for in-situ and ex-situ straw management. Various machines/implements such as Super Straw Management System for Combine Harvester, Happy Seeder, Mulcher, Paddy Straw Chopper cum spreader, Rotary Slasher, Hydraulically operated Reversible Mould Board Plough, etc. have been developed and demonstrated for in-situ crop residue management by the Central Institute of Agricultural Engineering and Punjab Agricultural University Centre of All India Coordinated Research Project on Farm Implement and Machinery. Straw baler, rakes, straw reapers have been developed for removal of straw from the fields for further uses.

(c) & (d): Under the Scheme on 'Promotion of Agricultural Mechanization for In-Situ Management of Crop Residue in the States of Punjab, Haryana, Uttar Pradesh and NCT of Delhi', financial assistance @50% of the cost is provided to the farmers for purchase of in-situ crop residue management machines on individual ownership basis. The financial assistance for establishment of Custom Hiring Centres of in-situ crop residue management machinery is @ 80% of the project cost.

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