

GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE & FARMERS WELFARE
DEPARTMENT OF AGRICULTURE & FARMERS WELFARE

LOK SABHA
UNSTARRED QUESTION NO. 5513
TO BE ANSWERED ON THE 05TH APRIL 2022

BIO-DECOMPOSER TECHNOLOGY

5513. SHRI ARVIND GANPAT SAWANT:
SHRIMATI BHAVANA PUNDALIKRAOGAWALI:

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

- (a) whether the Union Government proposes to incentivise the State Governments by compensating them for the cost incurred whilst procuring the same;
- (b) whether the Government possesses the details of the States who have procured these equipments;
- (c) if so, the number of these equipments procured over the last three years;
- (d) whether the use of bio-decomposer technology and CSM machinery as part of in-site crop residue management has contributed to a reduction in the cases of stubble burning this year; and
- (e) if so, the details thereof and if not, the reasons therefor?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE
कृषि एवं किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

(a) to (e): To support the efforts of the Governments of Punjab, Haryana, Uttar Pradesh and NCT of Delhi to address air pollution and to subsidize machinery required for management of crop residue, a 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' is implemented from 2018-19. Under this scheme financial assistance @ 50% of the cost of machinery is provided to the farmers for purchase of identified crop residue management machinery and financial assistance @ 80% of the project cost is provided to the Cooperative Societies of Farmers, Farmers Producers Organization (FPOs), Registered Farmers Societies and Panchayats for establishment of Custom Hiring Centres (CHCs) of identified crop residue management machinery. During the period from 2018-19 to 2021-22, funds amounting to Rs. 2440.07 crores have been released to these States. More than 39000 Custom Hiring Centres (CHCs) have been established and more than 2.10 lakh crop residue management machines have been supplied to these CHCs and individual farmers of these four States. The Indian Council of Agricultural Research has developed Pusa Decomposer, a microbial consortium of fungal species (both in liquid and

capsule forms) for rapid decomposition of paddy straw. Use of this consortium accelerates process of paddy straw decomposition in the field itself and in the year 2021, the decomposer has been used by the States of Punjab, Haryana, Uttar Pradesh and NCT of Delhi in an around 3.90 lakh hectare area. The satellite-based monitoring indicated that a total 82533 paddy residue burning events were detected in Punjab, Haryana and Uttar Pradesh in 2021 season which are 7.71% less than in 2020.
