

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

LOK SABHA
UNSTARRED QUESTION NO. 3296
TO BE ANSWERED ON THE 16TH MARCH 2021

PROMOTING FARM MECHANIZATION

3296. SHRI SHRIRANG APPA BARNE:
SHRI SANJAY SADASHIVRAO MANDLIK:
SHRI RAVINDRA KUSHWAHA:
SHRI RAJENDRA DHEDYA GAVIT:
SHRI BIDYUT BARAN MAHATO:
SHRI SUDHEER GUPTA:
SHRI CHANDRA SEKHAR SAHU:

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

- (a) whether the Government has been promoting Farm Mechanization in the country;
- (b) if so, the details of the schemes under which the Union Government has been assisting farm sector for Farm Mechanization;
- (c) the details of funds allocated, released and utilized under such schemes during each of the last three years;
- (d) the details of the criteria for selection of farmers under the said scheme;
- (e) the number of farmers so far benefited under the said scheme, State-wise; and
- (f) whether any assessment has been made to find out the details of income of farmers as well as agriculture produce that has so far increased by the use of farm mechanization under the said scheme in various States and if so, the details in this regard?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

(a) & (b): The Department of Agriculture, Cooperation & Farmers Welfare (DAC&FW) is promoting farm mechanization mainly through Sub-Mission on Agricultural Mechanization (SMAM). Mechanization for crop residue management is promoted through the Central Sector Scheme 'Promotion of Agricultural Mechanization for In-Situ Management of Crop Residue in the States of Punjab, Haryana, Uttar Pradesh and NCT of Delhi' (CRM). The other schemes of the Department such as Rashtriya Krishi Vikas Yojana (RKVY), which give autonomy to states to choose interventions as per their choice and integrated programmes such as Mission for Integrated Development of Horticulture (MIDH) and National Food Security Mission (NFSM) also have components supplementing farm mechanization.

(c): During the years 2017-18, 2018-19 and 2019-20, the funds amounting to Rs.1591.02 crores, Rs. 2502.69 crores and Rs. 2101.93crores, respectively have been allocated/released to the State Governments towards farm mechanization under SMAM, CRM and RKVY schemes together.

(d): Selection of farmers for assistance under the schemes are done by the State Governments as per the broad guidelines of these schemes which stipulate focusing the areas of low ratio of farm power availability, areas with large number of small and marginal holdings and areas having less productivity of food grains but have potential to enhance productivity.

(e): A statement giving details of state-wise number of farmers benefited under farm mechanization during the last three is enclosed as **Annexure-I**.

(f): The impact evaluation studies highlight overall positive impact of mechanisation on farming as it was reported that mechanisation helped in overall increase of 17.9% in productivity and 14.1% in seed germination. Mechanisation also helped in saving nearly 1/3rd of the time of operations, 30% reduction in labour requirements, 11% reduction in seed rate, 26.6% reduction in weed instances, 22.4% reduction in diesel consumption and 12.7% reduction in fertiliser requirements.

Annexure-I

Statement referred to in reply to part (e) of Lok Sabha Unstarred Question No. 3296 due for reply on 16th March 2021

State	Number of farmers benefited by farm mechanization during the last three years under SMAM and CRM Schemes
Andhra Pradesh	205083
Arunachal Pradesh	11708
Assam	611
Bihar	26466
Chhattisgarh	64426
Gujarat	5118
Haryana	43690
Himachal Pradesh	29908
Jammu & Kashmir	5277
Jharkhand	0
Karnataka	109221
Kerala	9861
Madhya Pradesh	95189
Maharashtra	29767
Manipur	10205
Meghalaya	1048
Mizoram	1440
Nagaland	7394
Orissa	33530
Punjab	60307
Rajasthan	16636
Sikkim	3432
Tamil Nadu	25398
Telangana	12462
Tripura	28879
Uttar Pradesh	107511
Uttarakhand	10727
West Bengal	742
Total	956036
