

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

RAJYA SABHA
STARRED QUESTION NO- 132
ANSWERED ON- 02/08/2024

DOUBLING OF FARMER'S INCOME

*132. SHRI JOSE K. MANI:

Will the Minister of AGRICULTURE AND FARMERS WELFARE be pleased to state:-

- (a) whether Government has achieved its target of doubling farmer's income in the country;
- (b) if so, the details thereof, if not, the reasons therefor;
- (c) the number of farmers who have left their profession of agriculture due to unremunerative price of their produce during the last three years State-wise; and
- (d) the steps taken by Government to improve the working conditions and wages of farmers in the country?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE
(SHRI SHIVRAJ SINGH CHOUHAN)

- (a) to (d): A statement is laid on the Table of the house.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF RAJYA SABHA STARRED QUESTION NO. 132 REGARDING “DOUBLING OF FARMER'S INCOME” FOR REPLY ON 02.08.2024.

(a) to (d): Agriculture and Welfare of farmers are major concern for Government of India. In 2015, the name of the Ministry has been re-designated as Ministry of Agriculture and Farmers welfare with the main objective of working for welfare of farmers. Farmers income is not dependent only on agricultural produce but supplemented by other allied activities like horticulture, fisheries, animal husbandry and dairying, etc. Government of India has taken into consideration the role of these allied sectors in enhancing the farmers income.

Ministry of Agriculture and Farmers welfare as well as other stakeholder Ministries like Ministry of Cooperation, Department of Animal Husbandry and Dairying, Department of Fisheries and Ministry of Rural Development have launched various schemes/programmes to make agriculture more remunerative and ensure that farmers get the maximum benefit.

Schemes like PM Kisan Samman Nidhi (PM-KISAN) envisages subsidy through Direct Benefit Transfer (DBT) to the farmers while some schemes like fertilizer subsidy, Per Drop More Crop (PDMC), Kisan Credit Card (KCC), Minimum Support Price(MSP), micro irrigation, Agriculture Infrastructure Fund (AIF), etc. are aimed at providing indirect benefit to the farmers. These benefits are seen as production enhancing benefits and/ or cost reduction benefits resulting in financial gains to the farmers.

Government of India has identified the following seven sources for enhancing income growth of farmers: -

- Increase in crop productivity
- Increase in livestock productivity
- Resource use efficiency – reduction in cost of production
- Increase in cropping intensity
- Diversification to high value agriculture
- Remunerative prices on farmers' produce
- Shift of surplus manpower from farm to non-farm occupations

To achieve the above seven objectives, Government of India supplements the efforts of States and welfare of farmers through appropriate policy measures and budgetary support and various schemes/ programmes. The Government has substantially enhanced the budget allocation of Ministry of Agriculture & Farmers Welfare and its allied Ministries from Rs. 30,223.88 crore BE during 2013-14 to Rs. 2,67,721.57 crore BE during 2024-25.

Enhanced budgetary provisions have been made to facilitate the below mentioned efforts of the Government. The various schemes/ programmes of the Government of India are meant for the welfare of farmers by increasing production, remunerative returns and income support to farmers, which include:

1. Income support to farmers through PM KISAN
2. Pradhan Mantri Fasal BimaYojana (PMFBY)
3. Institutional credit for agriculture sector

4. Fixing of Minimum Support Price (MSP) at one-and-a half times the cost of production
5. Promotion of organic farming in the country
6. Per Drop More Crop
7. Micro Irrigation Fund
8. Promotion of Farmer Producer Organisations (FPOs)
9. National Beekeeping and Honey Mission (NBHM)
10. Agricultural Mechanization
11. Namo Drone Didi
12. Providing Soil Health Cards to farmers
13. Setting up of National Agriculture Market (e-NAM) extension Platform
14. Launch of the National Mission for Edible Oils – Oil Palm (NMEO-OP)
15. Agri Infrastructure Fund (AIF)
16. Improvement in farm produce logistics, Introduction of Kisan Rail.
17. Mission for Integrated Development of Horticulture (MIDH) - Cluster Development Programme:
18. Creation of a Start-up Eco system in agriculture and allied sector

The benefits accruing from the above schemes summarized in terms of achievement are at **Annexure**.

The efforts of Government for positive implementation of these schemes are, therefore, yielding good results and the income of the farmers is improving. As part of the 'Azadi ka Amrit Mahotsav', Indian Council of Agricultural Research (ICAR) has released a book, which contains compilation of success stories of 75,000 farmers out of innumerable successful farmers whose incomes have increased more than two times.

The Periodic Labour Force Survey (PLFS) conducted by National Sample Survey Office (NSSO), Ministry of Statistics & Programme Implementation (MoSPI) is the primary source of data on employment and unemployment situation in India. As per Periodic Labour Force Survey (PLFS) report, the percentage of workers in the usual status engaged in agriculture sector during the last three years 2020-21, 2021-22 and 2022-23 are as under:

Year	Distribution of workers in the usual status engaged in agriculture sector (%)
2020-21	46.5
2021-22	45.5
2022-23	45.8

Major achievements of the Department of Agriculture and Farmers Welfare since 2014

1. Unprecedented enhancement in budget allocation: In the year 2013-14 the budget allocation of Department of Agriculture and Farmers' Welfare was only 21933.50 crore. This has increased by more than 5.5 times to Rs. 1,22,528.77 crore in 2024-25.

2. Income support to farmers through PM KISAN: Launch of PM-KISAN in 2019 - an income support scheme providing Rs. 6000 per year in 3 equal installments. More than Rs. 3.24 lakh crore has been released so far to more than 11 crore farmers as of now.

3. Pradhan Mantri Fasal Bima Yojana (PMFBY) : Eight year (Provisional) - PMFBY was launched in 2016 addressing problems of high premium rates for farmers and reduction in sum insured due to capping. In past 8 Years of implementation – 62.60 crore farmer applications enrolled and over 17.80 crore (Provisional) farmer applicants have received claims of over Rs. 1,60,838 crore. During this period nearly Rs.32,280 crore were paid by farmers as their share of premium against which claims over Rs.1,63,518.70 crore (Provisional) have been paid to them. Thus for every 100 rupees of premium paid by farmers, they have received about Rs. 498 as claims.

DigiClaim– For transparency in calculation and payment of claims, Claim Payment Module for payment of claims directly to the farmer's account through National Crop Insurance Portal (NCIP) using PFMS platform has been launched for implementation from Kharif 2022 season claims onwards. All the claims are now been paid by insurance companies directly to farmers through Digicclaim.

SARTHI – Sandbox for Agricultural & Rural Security, Technology & Insurance: It is an innovative stride conceived by the Government. Its primary goal is to augment the financial resilience of farming community against multifaceted Environmental, Social and Governance (ESG) risks they encounter. This pioneering platform goes beyond traditional crop insurance, aiming to provide a comprehensive suite of insurance products tailored mainly for farmers and rural India.

KRPH – Krishi Rakshak Portal and Helpline has been launched to create efficient grievance redressal mechanism for farmers under PMFBY. A dedicated Centralized Toll Free Number 14447 has been launched to facilitate query resolution and grievance redressal at national level. On registration of complaint, a unique ticket number is created, through which complainant can track the progress of their complaint. Grievance is required to be resolved within stipulated time frame. It will also help the State and Central Government to monitor the grievances.

4. Institutional credit for agriculture sector

- Institutional credit target to Agriculture has increased more than 2.5 times since 2014-15 from ₹ 8 lakh crores to ₹ 20 lakh crores in 2023-24.
- Disbursement of easy and concessional crop-loan to help the farmers in accessing short-term agriculture credit from institutional sources has increased more than two times since 2014-15 from ₹ 6.4 lakh crore to ₹ 14.79 lakh crore in 2023-24.

- Interest subsidy given to farmers through KCC has increased 2.4 times since 2014-15 from ₹ 6000 crore to ₹ 14252 crores in 2023-24.
- The number of accounts of Small and Marginal Farmers availing agriculture loans increased from 57% in 2014-15 to 76 % in 2023-24.

5. **Fixing of MSP at one-and-a half times the cost of production –**

- Government has increased the MSP for all mandated Kharif, Rabi and other commercial crops with a return of at least 50 per cent over all India weighted average cost of production from 2018-19.
- MSP for Paddy (common) has increased to Rs. 2300 per quintal in 2023-24 from Rs. 1310 per quintal in 2013-14.
- MSP for Wheat increased from Rs. 1400 per quintal in 2013-14 to Rs. 2275 per quintal in 2023-24.

6. (A) Paramparagat Krishi Vikas Yojana (PKVY): The Parampragat Krishi Vikas Yojana (PKVY) is the first comprehensive scheme launched in 2015-16 by the Central Government as a centrally sponsored programme (CSP) for promotion of organic farming in the country.

- Total fund released Rs 2078.67 Cr since 2015-16 (as on 30.06.2024).
- Under PKVY Scheme 38043 clusters (20 ha each) formed, 8.41 lakh ha area covered (including LAC).
- In addition to above under natural farming fund released for an area of 4.09 lakh ha area to 8 States and Under Namami Gange Programme funds Rs 272.85 crore has been released total 9551 clusters formed and 1.91 lakh ha area covered.
- A dedicated online web portal- www.Jaivikkheti.in/ has been created to encourage, sale of organic products directly by farmers to consumers farming by directly connecting the consumers. On Jaivik-kheti portal total 6.23 lakh farmers have been registered.
- Various Brands have been developed by the State for marketing of Organic Produce under the PKVY Scheme.
- Government has initiated Large Area Certification (LAC) programme since 2020-21 to certify large traditional/default organic areas such as hills, islands, tribal or desert belt with no past history of GMO and agro chemical uses.
 - Under this programme 14,445 ha area under Car Nicobar and Nancowry group of islands in Union Territory of A&N Islands have been certified to transform entire territory of these islands to organic similar to Sikkim.
 - Proposal of 5000 ha area has been received from Ladakh under LAC and fund Rs 11.475 lakh has been released.
 - The entire cultivable land of 2700 ha area of Lakshadweep have been certified organic under Large area certification
 - Under Large area certification fund Rs 96.39 lakh has been released for 60,000 ha area to the State Government of Sikkim

B) Mission Organic Value Chain Development for North Eastern Region (MOVCDNER) Scheme: The MOVCDNER scheme aims at development of commodity specific, concentrated, certified organic production clusters in value chain mode to link growers with consumers and to support the development of entire value chain starting from inputs, seeds, certification, to the creation of facilities for collection, aggregation, processing, marketing and brand building initiative in Northeast Region (Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, and Tripura). The main focus of the scheme is on export of produce. The scheme was approved with an outlay

of Rs. 400 crore for three years during the year 2015-16. The scheme has completed two phases of three years each and is now moving forward in Phase III.

Summary Achievements

- Total fund released Rs 1150.09 Cr since 2015-16 (as on 30.06.2024).
- 379 FPO/FPCs created covering 189039 farmers and 172966 ha area
- 394 Collection, Aggregation, Grading units, Custom Hiring Centres, 123 processing and pack house entities created under FPO/FPCs and private ownership
- 145 transportation vehicles provided to FPO/FPCs
- 7 states developed their own brands
- Marketing facilitation of ginger, turmeric, pineapple and king chilli have been major success and FPCs have been supported with buyback agreements
- The export of king chilli sauce, pineapple (canned) and ginger flakes to UK, USA, Australia, France and Swaziland have already started
- Industry mentorship model with necessary infrastructure development with 3 FPCs
- Contract production of Ginger and Turmeric with 100% buyback assurance finalized with 3FPOs in Arunachal Pradesh with Parvata Foods
- Contract cultivation of other high value crops such as Perilla, black thai ginger and Calandula flowers is under process.

C) National Mission on Natural Farming

- Natural Farming is way of chemical free farming based on the livestock and locally available resources with no fertilizer and pesticides. GoI is promoting Natural Farming since 2019-20 through a sub-scheme “BhartiyaPrakratikKrishiPaddhati – (BPKP)” under Paramparagat Krishi Vikas Yojna (PKVY) in limited area.
- Under BPKP, 4.09 lakh ha area has been covered in 8 states Andhra Pradesh, Chhattisgarh, Kerala, Himachal Pradesh, Jharkhand, Odisha, Madhya Pradesh and Tamil Nadu.
- Prime Minister at various platforms has emphasized on the need to promote natural farming as mass movement. Hon'ble Finance Minister in her budget speech also, emphasized the need for promotion of agrochemical free natural farming.
- Therefore, to achieve the vision of Hon'ble PM and Budget Announcement, a dedicated centrally sponsored schemes “National Mission on Natural Farming (NMNF)” is being launched.
- Committee of Secretaries (CoS) and Expenditure Finance Committee (EFC) has recommended the launching of NMNF. A Cabinet Note to roll out NMNF is under process.

7. Per Drop More Crop (PDMC)

Per Drop More Crop (PDMC) scheme launched during 2015-16 aims to increase water use efficiency at the farm level through Micro Irrigation technologies namely Drip and Sprinkler Irrigation systems to benefit the farmers in the country.

During the year 2015-16 to 2021-22, the PDMC was implemented as a component of Pradhan Mantri Krishi Sinchayee Yojana (PMKSY). From the year 2022-23, the PDMC is being implemented under the Rashtriya Krishi Vikas Yojana (RKVY). Micro Irrigation helps in water saving as well as reducing fertilizer usage through fertigation, labour expenses, other input costs and in overall income enhancement of the farmers.

Under the Scheme, financial assistance of 55% to Small & Marginal farmers and 45% to Other farmers is provided for installation of Micro Irrigation systems. From the

year 2015-16 to 2022-23, an area of 78.4 lakh ha has been covered under Micro Irrigation in the Country through the scheme which is about 81% higher as compared to the Pre-PDMC eight years period. This is a significant achievement. Total of 89.87 lakh ha. area covered till march 2024.

An evaluation study of PDMC Scheme was taken up by the NITI Aayog during 2020-21, which reveals that the scheme is relevant in achieving national priorities such as substantially improving on-farm water use efficiency, enhancing crop productivity, generating employment opportunities etc.; Income of farmers has increased in the range of 10% to 69%; Water use efficiency has improved in the range of 30% to 70% and created direct & indirect employment opportunities.

8. Micro Irrigation Fund (MIF): A Micro Irrigation Fund (MIF) of initial corpus Rs 5000 crore has been created with NABARD with major objective to facilitate the States in mobilizing the resources for expanding coverage of Micro Irrigation. Under the funding arrangement, NABARD lends to the States/UTs at 3% lower interest rate than the corresponding cost of fund mobilized by NABARD from the market. The interest subvention on the loan under MIF is borne by Centre under PDMC. Projects with loans under MIF worth Rs 4724.74 crore have been approved so far. Loans amounting Rs. 3387.80 crore has been disbursed to States. The Ministry provides interest subvention on the loan availed by the States which is met from PDMC Scheme. As per the Budget Announcement of the year 2021-22, the corpus of the fund is to be doubled to Rs.10000 crores.

9. Promotion of FPOs

- i. A new Central Sector Scheme for Formation & Promotion of new 10,000 FPOs launched by Hon'ble Prime Minister on 29th February, 2020 with budget outlay of Rs 6,865 Crore till 2027-28.
- ii. As on 30th June 2024, **8,872** no. of FPOs have been registered under new FPO scheme. Equity Grant of Rs. **209.9 Crore** has been released to **4,135 FPOs**. Credit Guarantee Cover worth Rs. **349.28 Cr.** issued to **1,542 FPOs**.

10. The National Beekeeping and Honey Mission (NBHM) was launched in 2020 as a part of the Atma Nirbhar Bharat Abhiyan, with an outlay of Rs.500.00 crores for three years i.e., 2020-21 to 2022-23. The scheme has been extended for further three years, i.e., 2023-24 to 2025-26, with the remaining budget of Rs.370.00 crores from the allocated budget of Rs.500.00 crores for the overall promotion and development of scientific beekeeping and to achieve the goal of "Sweet Revolution".

11. Agricultural Mechanization : Agricultural mechanization is extremely vital to modernize agriculture and reduce drudgery of farming operations. During the period from 2014-15 to March, 2024 an amount of Rs.7265.00 crore have been allocated for agricultural mechanization. 18,16,221 numbers of machines and equipments have been provided to farmers on subsidy. 25,527 custom hiring centers, 594 high-tech hubs and 23,538 farm machinery banks have been established to make available agricultural machines and equipments to the farmers on rental basis. During 2024-25, Rs.69.99 Crore have been released to States.

12. Namo Drone Didi: The Government has also recently approved Central Sector Scheme for providing drones to the Women Self Help Groups (SHGs) with an outlay of Rs. 1261 Crores. The scheme aims to provide drones to 15000 selected Women SHGs for providing rental services to farmers for agriculture purpose (application of fertilizers and

pesticides). Of the total 15,000 drones, first 500 drones will be procured by Lead Fertilizer Companies (LFCs) in 2023-24, using their internal resources for distribution to selected SHGs. Remaining 14500 drones will be provided under this scheme and Central Financial Assistance @ 80% of the cost of drone and accessories/ancillary charges up to a maximum of Rs. 8.0 lakhs will be provided to the women SHGs for purchase of drones. The Cluster Level Federations (CLFs) of SHGs may raise the balance amount (total cost of procurement minus subsidy) as loan under National Agriculture Infra Financing Facility (AIF). Interest subvention @ 3% on the AIF loan will be provided to the CLFs. The scheme will help in infusing advance technology in agriculture for improved efficiency, enhanced crop yield and reduced cost of operation for the benefit of farmers. The scheme will also provide sustainable business and livelihood support to SHGs and they would be able to earn additional income of at least Rs. 1.0 lakh per annum.

13. Providing Soil Health Cards to farmers : Soil Health Card Scheme was introduced in the year 2014-15 to optimize usage of nutrients. The following number of cards have been issued to farmers.

- Cycle-I (2015 to 2017) – 10.74 crore
- Cycle-II (2017 to 2019)- 12.19 crore
- Model Village Programme (2019-20)- 23.71 lakh
- In the year 2020-21– 14.57 lakh
- In the year 2021-22 – No fund for Soil Samples were allocated to States/UTs.
- In the year 2022-23 – 36.73 lakh
- In the year 2023-24 – 36.76 lakh
- In the year 2024-25 – 1.99 lakh

Regulations for promotion of biostimulants is issued. Nano urea is included under fertilizer control order.

14. Setting up of E-NAM extension Platform

- The Department has integrated 1389 mandis with e-NAM across 23 States & 4 UTs.
- As on 30th June 2024, 1.77 crore Farmers & 2.59 Lakh traders have been registered on e-NAM portal. Total volume of 9.94 Crore MT & 36.39 Crore numbers (bamboo, betel leaves, coconut, lemon & sweet corn) collectively worth approximately Rs. 3.59 lakh crore of trade has been recorded on e-NAM platform.

15. Launch of the National Mission for Edible Oils – Oil Palm: A new Centrally Sponsored Scheme namely, National Mission on Edible Oil (NMEO)-Oil Palm (NMEO-OP) has been launched during August, 2021 with the aim to enhance the edible oils availability in the country by harnessing Oil Palm area expansion, increasing CPO production and to reduce the import burden on edible oil. The Mission will bring additional area of 6.5 lakh ha under Oil Palm plantation with 3.28 lakh ha in North-Eastern States and 3.22 in Rest of India with a total outlay of Rs. 11,040 crore in next 5 years from 2021-22 to 2025-26.

16. Agri Infrastructure Fund : A one Lakh Crore, Agriculture Infrastructure Fund (AIF) scheme was launched with an objective to mobilize a medium - long term debt financing facility for investment in viable projects for post-harvest management Infrastructure and community farming assets through incentives and financial support in

order to improve agriculture infrastructure in the country. Following supports are being provided under Agri Infra Fund.

17. Improvement in farm produce logistics, Introduction of Kisan Rail: Kisan Rail has been launched by Ministry of Railways to exclusively cater to movement of perishable agrihorti commodities. First Kisan Rail was started in July 2020. Till 28th February, 2023, 2359 services on 167 routes have been operated.

18. Mission for Integrated Development of Horticulture (MIDH): Details of physical progress under the major components of NHM/HMNEH scheme of MIDH from 2014-15 to 2023-24 is as under:

- Area Expansion: - An additional area of 13.79 lakh ha. of identified horticulture crops has been covered.
- Nurseries: - 905 nurseries have been established for production of quality planting material.
- Rejuvenation: - An area of 1.48 lakh ha. of old and senile orchards has been rejuvenated.
- Organic Farming: - An area of 52259 ha. been covered under organic practices.
- Protected Cultivation: - An area of 3.04 lakh ha. has been covered under Protected Cultivation.
- Water Resources: - 54630 water-harvesting structures have been created.
- Beekeeping: - 16.30 lakh bee colonies with hives have been distributed.
- Horticulture Mechanization: -2.73 lakh horticulture mechanization equipment have been distributed.
- Post-Harvest Management Infrastructures: - 1.27 lakh post-harvest units have been established.
- Market Infrastructures: - 15923 market infrastructures have been set up.
- Training of Farmers: - Under HRD, 9.73 lakh farmers have been trained under various horticulture activities.

19. Creation of a Start-up Eco system in agriculture and allied sector: So far, 1708 Start-ups working in agriculture & allied sector have been selected during FY 2019-20 to 2023-24 by different Knowledge Partners (KPs) and Agribusiness Incubators (R-ABIs). Rs. 122.50 crore as grants-in-aid has been released in installments to the respective KPs & R-ABIs for funding to these selected start-ups under RKVY Agri-startup Programme of Department of Agriculture & FW.

20. Achievement in Export of Agri and Allied Agri- Commodities: The country has witnessed emphatic growth in export of agri and allied commodities. The major commodities which posted significant growth as compared to previous year have been Rice Basmati 21.92% (4787.65 to 5837.13 Million USD), buffalo Meat 17.11% (3193.69 to 3740.16 Million USD), Spices 12.17% (3785.36 to 4245.99 Million USD), cotton raw incld. Waste 55.13% (781.43 to 1115.49 Million USD), Fresh Fruits 32.46% (864.62 to 1145.24 Million USD), misc processed items 37.88% (1421.64 to 1652.22 Million USD) etc.
