

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

RAJYA SABHA
STARRED QUESTION NO. 89
TO BE ANSWERED ON THE 09/02/2024

SUICIDE BY PERSONS ENGAGED IN FARMING SECTOR

*89. SHRI BIKASH RANJAN BHATTACHARYYA:

Will the Minister of Agriculture and Farmers Welfare be pleased to state:

- (a) the data on agricultural growth rate and the percentage of agricultural production in State Gross Domestic Product (SGDP) of various States in the country during the last three years;
- (b) the steps taken to reduce the percentage of suicide by persons engaged in farming sector;
- (c) the percentage and figure of suicide committed by persons engaged in farming sector for the last three years, State-wise from Accidental Deaths & Suicides in India Report;
- (d) whether it is a fact that farmers suicide is more in the State of Maharashtra; and
- (e) whether any farmer's mass/family suicide have been reported in the country?

ANSWER

MINISTER OF AGRICULTURE & FARMERS WELFARE
(SHRI ARJUN MUNDA)

(a) to (e): A statement is laid on the Table of the house

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF RAJYA SABHA STARRED QUESTION NO. 89 REGARDING “SUICIDE BY PERSONS ENGAGED IN FARMING SECTOR” FOR REPLY ON 09.02.2024

(a) to (e): The Government of India has adopted and implemented several policies, reforms, developmental programmes and schemes for achieving higher incomes for the farmers directly or indirectly. The details of the schemes/ programmes of Ministry of Agriculture & Farmer’s Welfare for making farming more remunerative and make the farmers financially more secure are at **Annexure A**. In addition to this, the Government has substantially enhanced the budget allocation of Ministry of Agriculture & Farmers Welfare from Rs. 27,662.67 crore during 2013-14 BE to Rs. 1,25,035.79 crore during 2023-24 BE.

As a result, Gross Value Added (GVA) of Agriculture and Allied Sector has been growing at a rate of 4.4 percent per annum over the last eight years. The details of all India growth rate of Gross Value Added (GVA) of Agriculture and Allied Sectors at constant prices (2011-12) from 2020-21 to 2022-23 is given below:

Year	Agriculture and Allied Sector GVA at Constant (2011-12) Prices (In Rs. Lakh)	Growth Rate (%)
2020-21	20,76,327	4.1
2021-22	21,49,122	3.5
2022-23	22,34,269	4.0

The State-wise percentage of Agriculture and Allied Sector GVA in State Gross Value Added (SGVA) of various States in the country during the last three years is at **Annexure B**.

Further, Government of India fixes minimum support prices (MSPs) for 22 mandated crops including wheat and paddy, on the basis of the recommendations of the Commission for Agricultural Costs & Prices (CACP), after considering the views of State Governments and Central Ministries/ Departments concerned. The cost of production is one of the important determinants of MSP and its estimation is based on the methodology recommended by Expert Committees from time to time. CACP projects cost for ensuing marketing season on the basis of actual paid out costs which includes human labour, bullock labour, machine labour, fertilisers and manures, seeds, pesticides, irrigation, miscellaneous costs like crop insurance premium, hiring charges of implements, electricity etc., as also interest on working capital incurred in production, rent paid for leased-in land, land revenue, depreciation on implements & farm buildings; imputed value of family labour and Composite Input Price Index (CIPI).

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. The details of MSP (Fixed) from 2014-15 to 2023-24 is as **Annexure C**.

Additionally, Department of Agricultural Research and Education (DARE) under Ministry of Agriculture & Farmers Welfare, implemented schemes which have yield remarkable results

towards augmenting the income of the farmers. 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 who have increased their income more than two times.

The National Crime Records Bureau (NCRB) under the Ministry of Home Affairs compiles and disseminates information on suicides in their publication titled 'Accidental Deaths and Suicides in India' (ADSI). The report till 2022 is available on NCRB website (<https://ncrb.gov.in>).

Schemes/ Programmes of Ministry of Agriculture & Farmers Welfare

1. Unprecedented enhancement in budget allocation

The Government has substantially enhanced the budget allocation of Ministry of Agriculture & Farmers Welfare from Rs. 27,662.67 crore BE during 2013-14 to Rs. 1,25,035.79 crore BE during 2023-24.

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. **2.81 lakh crore** has been released so far to more than **11 crore** farmers as on 30.11.2023.

3. Pradhan Mantri Fasal Bima Yojana (PMFBY)

Seven 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 7 Years of implementation – 49.44 crore farmer applications have been enrolled and over 14.06 crore (Provisional) farmer applicants have received claims of over Rs. 1,46,664 crore. During this period nearly Rs. 29,183 crore were paid by farmers as their share of premium against which claims over Rs. 1,46,664 crore (Provisional) have been paid to them. Thus for every 100 rupees of premium paid by farmers, they have received about Rs. 502 as claims.

DigiClaim– For transparency in calculation and payment of claims, Claim payment Module to workout claims and to transfer these claims directly to the farmers account is being done through National Crop Insurance Portal (NCIP) using PFMS platform. This initiative has been launched on 23rd March, 2023 for implementation from Kharif 2022 season claims onwards. All the claims are now been paid by insurance companies directly to farmers account through Digiclaim.

4. Institutional credit for agriculture sector

Increased from Rs. 7.3 lakh crore in 2013-14 to Rs. 21.55 lakh crore in 2022-23. Benefit of concessional institutional credit through KCC at 4% interest per annum has also now been extended to Animal Husbandry and Fisheries farmers for meeting their short-term working capital needs. A special drive has been undertaken since February 2020 to provide concessional institutional credit with focus on covering all PM-KISAN beneficiaries through Kisan Credit Cards (KCC). As on 05.01.2024, 465.42 lakh new KCC applications have been sanctioned with a sanctioned credit limit of Rs. 5,69,974 crore as part of the drive.

5. Fixing of Minimum Support Price (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. 2,183 per quintal in 2023-24 from Rs. 1,310 per quintal in 2013-14. MSP for Wheat increased from Rs. 1,400 per quintal in 2013-14 to Rs. 2,275 per quintal in 2023-24.

6. Promotion of organic farming in the country

Paramparagat Krishi Vikas Yojana (PKVY) was initiated in 2015-16 to promote organic farming in the country. Under the scheme 32,384 clusters have been formed and an

area of 6.53 lakh hectare has been covered benefitting 16.19 lakh farmers. In addition, Under Namami Gange Programme 1.23 lakh hectare area has been covered and under natural farming 4.09 lakh hectare area covered.

Government also proposes to promote sustainable natural farming systems through the scheme Bhartiya Prakratik Krishi Padhati (BPKP). The proposed scheme aims at cutting down cost of cultivation, enhancing farmer's income and ensuring resource conservation and, safe and healthy soils, environment and food.

Mission Organic Value Chain Development in North East Region (MOVCDNER) has been launched. 379 Farmer Producer Companies have been formed comprising of 1,89,039 farmers and covering 1,72,966 hectare area.

7. Per Drop More Crop:

Per Drop More Crop (PDMC) scheme was launched in the year 2015-16 which aims to increase water use efficiency, reducing cost of inputs and increasing productivity at the farm level through Micro Irrigation technologies i.e. drip and sprinkler irrigation systems. So far, an area of 81.87 lakh hectare has been covered under Micro irrigation through the PDMC scheme from the year 2015-16 and central assistance of Rs. 18,893.74 crore has been released.

8. Micro Irrigation Fund:

A Micro Irrigation Fund of initial corpus Rs 5,000 crore has been created with NABARD. In Budget Announcement for 2021-22, the corpus of the fund is to be increased to Rs.10,000 crores. Projects worth Rs 4,710.96 crore have been approved so far.

9. Promotion of Farmer Producer Organisations (FPOs)

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. As on 31.12.2023, 7,774 no. of FPOs have been registered under new FPO scheme.

Equity Grant of Rs. 129.5 Crore has been released to 2,933 FPOs. Credit Guarantee Cover worth Rs. 226.7 Cr. has been issued to 994 FPOs

10. The National Beekeeping and Honey Mission (NBHM) was launched in 2020 as part of the Atma Nirbhar Bharat Abhiyan with an outlay of Rs. 500.00 crore for the period of 3 years, i.e., 2020-21 to 2022-23, and the scheme has been extended for next three years, i.e., 2023-24 to 2025-26, with the remaining available budget of Rs. 370.00 crore from the allocated budget of Rs. 500.00 crore 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, 2023 an amount of Rs.6405.55 crore has been allocated for agricultural mechanization. 15,23,650 numbers of machines and equipments have been provided to farmers on subsidy. 23,018 custom hiring centers, 475 high-tech hubs and 20,461 farm machinery banks have been established to make available agricultural machines and equipments to the farmers on rental basis. During 2023-24, Rs.252.39 Crore have been released to States for distribution of 37937 nos. of agricultural machinery, for establishment of 1916 custom Hiring Centres, 41 Hi-Tech Centres and 82 nos. of Farm Machinery Banks.

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 numbers 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- 11.52 lakh

14. Setting up of National Agriculture Market (e-NAM) extension Platform

1389 Mandis of 23 States and 04 UTs have been integrated to e-NAM platform. 28 additional mandis have been integrated with e NAM which included J&K (6) Madhya Pradesh (3) Maharashtra (15) Uttrakhand (4).

As on 31st Dec 2023, 1.76 crore farmers & 2.50 Lakh traders have been registered on e-NAM portal. Total volume of 8.96 Crore MT & 30.99 Crore numbers (bamboo, betel leaves, coconut, lemon & sweet corn) collectively worth approximately Rs. 3.19 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 (Crude Palm Oil) 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 lakh ha in Rest of India with a total outlay of Rs. 11,040 crore in next 5 years from 2021-22 to 2025-26.

16. KISAN Credit Card (KCC):

Department of Agriculture & Farmers' Welfare is implementing Modified Interest Subvention Scheme (MISS), a Central Sector Scheme, with a view to provide short term Agri-loans availed by farmers through KCC for their working capital requirements at concessional

rate of interest. Under this scheme, farmers are given KCC loan at subvented interest rate of 7%. For this, at present, interest subvention of @1.5% is being given to financial institutions. Therefore, short term loans for Agriculture and other allied activities including animal husbandry, dairy, fisheries etc. upto Rs. 3.00 lakh is available to farmers at an interest rate of 7% per annum. Additional 3% prompt repayment incentive (PRI) is also given to the farmers for prompt and timely repayment of loans; thus reducing the effective rate of interest to 4% per annum. In case of short term loan availed for allied activities only (other than crop husbandry), the loan amount upto Rs. 2.00 lakh is available at the rate of 7%. Additional 3% PRI is also available on it.

To bring the maximum number of farmers under KCC so that they can get loan at a cheaper rate from institutional banking system, the Government has been running a campaign for Saturation of KCC to farmers since February, 2020 to cover all left over farmers with special focus on PM KISAN beneficiaries.

Under Atma Nirbar Bharat package, a target to cover 2.5 crore farmers with credit flow of about Rs.2.00 lakh crores was set. Special drive was undertaken to provide Kisan Credit Cards to eligible and willing farmers with special focus on PM KISAN beneficiaries. This enabled such farmers to gain access to institutional credit at concessional interest rate. Target to cover 2.5 crore farmers was achieved on 15.10.2021 and as on 05.01.2024, 465.42 lakh new KCC applications have been sanctioned with a sanctioned credit limit of Rs. 5,69,974 crore as part of the drive. Budget estimate for MISS under which KCC scheme operates has been allocated Rs. 23000 crores for the year 2023-24.

A revised KCC Saturation drive i.e. "Ghar Ghar KCC Abhiyan" has been launched with special focus to saturate PM KISAN beneficiaries. The main objective of this drive is to mobilise the potential farmers through a special drive under Block Level Bankers Committee to saturate PM KISAN beneficiaries with KCC and to enrol maximum number of farmers/PM KISAN beneficiaries under all types of KCC schemes (for Crop cultivation, Animal Husbandry, Dairy and Fisheries etc.).

17. Agri Infrastructure Fund (AIF):

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. Interest Subvention and Credit Guarantee supports are being provided under Agri Infra Fund.

18. 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 agri-horti commodities. First Kisan Rail was started in July 2020. Till 28th February, 2023, 2359 services on 167 routes have been operated.

19. MIDH - Cluster Development Programme:

Details of physical progress under the major components of NHM/HMNEH scheme of MIDH from 2014-15 to 2023-24 (as on 30.12.2023) is as under:

Area Expansion: - An additional area of 13.24 lakh ha. of identified horticulture crops has been covered. Nurseries: - 882 nurseries have been established for production of quality planting material.

Rejuvenation: - An area of 1.44 lakh ha. of old and senile orchards has been rejuvenated.

Organic Farming: - An area of 52108 ha. been covered under organic practices.

Protected Cultivation: - An area of 3.13 lakh ha. has been covered under Protected Cultivation.

Water Resources: - 51476 water-harvesting structures have been created.

Beekeeping: - 15.94 lakh bee colonies with hives have been distributed.

Horticulture Mechanization: -2.65 lakh horticulture mechanization equipment have been distributed.

Post-Harvest Management Infrastructures: - 1.17 lakh post-harvest units have been established.

Market Infrastructures: - 15522 market infrastructures have been set up.

Training of Farmers: - Under HRD, 9.31 lakh farmers have been trained under various horticulture activities.

20. Creation of a Start-up Eco system in agriculture and allied sector

So far, 1259 Start-ups during FY 2019-20 to 2023-24 have been selected by different Knowledge Partners (KPs) and Agribusiness Incubators (R-ABIs) working in agriculture & allied sector. Rs. 83.67 crore as grants-in-aid has been released in installments to the respective KPs & R-ABIs for funding to these Start-ups under RKVY Agri-startup Programme of Department of Agriculture & FW.

21. Achievement in Export of Agri and Allied Agri- Commodities

The country has witnessed emphatic growth in export of agri and allied commodities. As compared to previous year 2021-22, the Agri and allied export has increased from 50.24 billion USD in 2021-22 to 53.15 billion USD in 2022-23 i.e. an increase of 5.79%.

Annexure B

Share of agriculture and Allied sector GVA in total GSVA (at Current Prices)

Sl. No.	State\UT	2020-21	2021-22	2022-23
1	Andhra Pradesh	38.79%	37.34%	36.19%
2	Arunachal Pradesh	39.72%	39.28%	NA
3	Assam	26.59%	24.13%	25.44%
4	Bihar	27.31%	24.87%	24.67%
5	Chhattisgarh	23.55%	22.18%	21.79%
6	Goa	8.09%	7.74%	NA
7	Gujarat	17.06%	15.93%	NA
8	Haryana	20.96%	19.52%	19.38%
9	Himachal Pradesh	13.92%	13.14%	13.47%
10	Jammu & Kashmir	18.23%	17.35%	16.59%
11	Jharkhand	19.09%	18.24%	18.70%
12	Karnataka	15.18%	15.36%	15.08%
13	Kerala	12.50%	10.85%	NA
14	Madhya Pradesh	45.51%	44.66%	44.20%
15	Maharashtra	13.25%	13.58%	NA
16	Manipur	28.17%	26.76%	NA
17	Meghalaya	22.95%	21.62%	21.69%
18	Mizoram	26.15%	23.10%	NA
19	Nagaland	31.09%	25.12%	NA
20	Odisha	24.35%	21.68%	21.23%
21	Punjab	30.38%	27.77%	27.14%
22	Rajasthan	30.56%	29.39%	28.95%
23	Sikkim	9.57%	9.14%	8.79%
24	Tamil Nadu	13.68%	13.17%	12.55%
25	Telangana	20.15%	17.96%	17.70%
26	Tripura	39.32%	34.90%	33.48%
27	Uttar Pradesh	26.75%	25.87%	24.82%
28	Uttarakhand	11.67%	10.56%	10.53%
29	West Bengal	23.75%	21.09%	19.41%
30	Andaman & Nicobar Islands	14.99%	14.99%	NA
31	Chandigarh	0.74%	0.71%	NA
32	Delhi	0.41%	0.35%	0.31%
33	Puducherry	4.71%	4.10%	NA

NA-Not Available

Annexure C

Minimum Support Prices					
(According to crop year)			(Rs. per quintal)		% increase in MSP in 2023-24 over 2014-15
Sl. No.	Commodity	Variety	2014-15	2023-24	
KHARIF CROPS					
1	PADDY	Common	1360	2183	61
		Grade 'A'	1400	2203	57
2	JOWAR	Hybrid	1530	3180	108
		Maldandi	1550	3225	108
3	BAJRA		1250	2500	100
4	RAGI		1550	3846	148
5	MAIZE		1310	2090	60
6	TUR (ARHAR)		4350	7000	61
7	MOONG		4600	8558	86
8	URAD		4350	6950	60
9	GROUNDNUT		4000	6377	59
10	SUNFLOWER SEED		3750	6760	80
11	SOYABEEN (Black)		2500	-	
12	SOYABEEN (yellow)		2560	4600	80
13	SESAMUM		4600	8635	88
14	NIGERSEED		3600	7734	115
15	COTTON	Medium Staple	3750	6620	77
		Long Staple	4050	7020	73
RABI CROPS					
16	WHEAT		1450	2275	57
17	BARLEY		1150	1850	61
18	GRAM		3175	5440	71
19	MASUR (LENTIL)		3075	6425	109
20	RAPSEED & MUSTARD		3100	5650	82
21	SAFFLOWER		3050	5800	90
OTHER CROPS					
22	COPRA (Calendar Year)	Milling	5550	10860	96
		Ball	5830	11750	102
23	JUTE		2400	5050	110
