

MINISTRY OF AGRICULTURE AND FARMERS' WELFARE

DEMAND NO. 1

Department of Agriculture, Cooperation and Farmers' Welfare*(In ₹ crores)*

	Actual 2016-2017			Budget 2017-2018			Revised 2017-2018			Budget 2018-2019		
	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total
Gross	40595.11	30.98	40626.09	52575.57	79.43	52655.00	46059.18	45.82	46105.00	46586.30	113.70	46700.00
Recoveries	-3713.61	...	-3713.61	-10800.00	...	-10800.00	-5000.00	...	-5000.00	...	...	...
Receipts	...	...	...	...	...	...	...	...	...	...	...	...
Net	36881.50	30.98	36912.48	41775.57	79.43	41855.00	41059.18	45.82	41105.00	46586.30	113.70	46700.00
A. The Budget allocations, net of recoveries, are given below:												
CENTRE'S EXPENDITURE												
Establishment Expenditure of the Centre												
1. Secretariat												
1.01 Secretariat	113.42	...	113.42	119.00	...	119.00	123.06	...	123.06	134.00	...	134.00
1.02 International Cooperation	30.37	...	30.37	31.48	...	31.48	31.73	...	31.73	32.43	...	32.43
1.03 Other Attached and Subordinate Offices	156.43	0.27	156.70	322.61	0.43	323.04	330.02	...	330.02	403.52	...	403.52
Total- Secretariat	300.22	0.27	300.49	473.09	0.43	473.52	484.81	...	484.81	569.95	...	569.95
Central Sector Schemes/Projects												
2. Crop Insurance Scheme												
2.01 Pradhan Mantri Fasal Bima Yojana	11051.55	...	11051.55	9000.00	...	9000.00	10698.00	...	10698.00	13000.00	...	13000.00
2.02 Transfer of Krishi Kalyan Cess to Krishi Kalyan Kosh	3596.28	...	3596.28	9000.00	...	9000.00	5000.00	...	5000.00	...	...	...
2.03 Met from Krishi Kalyan Kosh	-3596.28	...	-3596.28	-9000.00	...	-9000.00	-5000.00	...	-5000.00	...	...	...
Net	11051.55	...	11051.55	9000.00	...	9000.00	10698.00	...	10698.00	13000.00	...	13000.00
3. Interest Subsidy for Short Term Credit to Farmers												
3.01 Interest Subsidy for Short Term Credit to Farmers	13397.13	...	13397.13	15000.00	...	15000.00	14750.00	...	14750.00	15000.00	...	15000.00
3.02 Transfer to Krishi Kalyan Kosh	...	...	...	1800.00	...	1800.00	...	...	...	...	...	...
3.03 Met from Krishi Kalyan Kosh	...	...	...	-1800.00	...	-1800.00	...	...	...	...	...	...
Net	13397.13	...	13397.13	15000.00	...	15000.00	14750.00	...	14750.00	15000.00	...	15000.00
4. Market Intervention Scheme and Price Support Scheme (MIS-PSS)												
	145.69	...	145.69	199.30	...	199.30	950.00	...	950.00	200.00	...	200.00
Total-Central Sector Schemes/Projects	24594.37	...	24594.37	24199.30	...	24199.30	26398.00	...	26398.00	28200.00	...	28200.00

(In ₹ crores)

	Actual 2016-2017			Budget 2017-2018			Revised 2017-2018			Budget 2018-2019		
	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total
Other Central Sector Expenditure												
Statutory and Regulatory Bodies												
5. Protection of Plant Varieties and Farmers Rights Authority	2.25	...	2.25	3.50	...	3.50	3.50	...	3.50	5.00	...	5.00
Autonomous Bodies												
6. National Institute of Plant Health Management	4.31	...	4.31	6.68	...	6.68	6.68	...	6.68	7.83	...	7.83
7. National Institute of Agricultural Extension Management (MANAGE)	6.00	...	6.00	6.00	...	6.00	6.00	...	6.00	8.30	...	8.30
Total-Autonomous Bodies	10.31	...	10.31	12.68	...	12.68	12.68	...	12.68	16.13	...	16.13
Public Sector Undertakings												
8. Damodar Valley Corporation	0.50	...	0.50	...	...	...	...	...	...	...	...	...
Others												
9. Debenture of State Land Development Banks	...	18.18	18.18	...	25.00	25.00	...	...	...	...	...	...
10. Diesel Subsidy in Drought and Deficit Rainfall Affected Areas	7.40	...	7.40	...	...	...	21.35	...	21.35	...	...	...
Total-Others	7.40	18.18	25.58	...	25.00	25.00	21.35	...	21.35	...	...	...
Total-Other Central Sector Expenditure	20.46	18.18	38.64	16.18	25.00	41.18	37.53	...	37.53	21.13	...	21.13
TRANSFERS TO STATES/UTs												
Centrally Sponsored Schemes												
Pradhan Mantri Krishi Sinchai Yojna												
11. Pradhan Mantri Krishi Sinchai Yojana (PMKSY)- Per Drop More Crop	1991.25	...	1991.25	3400.00	...	3400.00	3000.00	...	3000.00	4000.00	...	4000.00
Green Revolution												
12. Rashtriya Krishi Vikas Yojna	3892.01	...	3892.01	4750.00	...	4750.00	3050.00	...	3050.00	3600.00	...	3600.00
13. National Food Security Mission	1286.04	...	1286.04	1720.00	...	1720.00	1400.00	...	1400.00	1690.70	...	1690.70
14. National Project on Organic Farming	10.69	0.27	10.96	...	1.00	1.00	6.00	4.10	10.10	5.00	3.10	8.10
15. Organic Value Chain Development for North East Region	48.28	...	48.28	100.00	...	100.00	100.00	...	100.00	160.00	...	160.00
16. National Project on Soil Health and Fertility	229.17	...	229.17	450.00	2.00	452.00	212.90	1.10	214.00	398.00	2.00	400.00
17. Rainfed Area Development and Climate Change	205.24	...	205.24	223.00	...	223.00	210.00	...	210.00	234.00	...	234.00
18. Paramparagat Krishi Vikas Yojana	152.89	...	152.89	350.00	...	350.00	250.00	...	250.00	360.00	...	360.00
19. National Project on Agro- Forestry	22.52	...	22.52	100.00	...	100.00	40.00	...	40.00	75.00	...	75.00
20. National Mission on Oil Seed and Oil Palm	327.50	...	327.50	403.00	...	403.00	328.06	...	328.06	400.00	...	400.00
21. National Mission on Horticulture	1492.24	0.83	1493.07	2316.00	4.00	2320.00	2186.00	4.00	2190.00	2532.00	4.00	2536.00
22. Sub- Mission on Seed and Planting Material	167.52	0.33	167.85	185.00	15.00	200.00	479.40	0.60	480.00	331.40	0.60	332.00
23. Sub- Mission on Plant Protection and Plant Quarantine	135.32	2.54	137.86	44.00	6.00	50.00	42.69	19.97	62.66	51.25	78.00	129.25
24. Sub - Mission on Agriculture Extension	590.46	...	590.46	912.00	...	912.00	821.00	...	821.00	1020.00	...	1020.00

(In ₹ crores)

	Actual 2016-2017			Budget 2017-2018			Revised 2017-2018			Budget 2018-2019		
	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total
25. Information Technology	42.13	...	42.13	65.00	...	65.00	50.00	...	50.00	56.00	...	56.00
26. Sub- Mission on Agriculture Mechanisation	359.01	7.92	366.93	525.00	25.00	550.00	761.66	15.05	776.71	1140.29	25.00	1165.29
27. Integrated Scheme on Agriculture Census and Statistics	174.95	...	174.95	225.00	...	225.00	222.13	...	222.13	262.58	...	262.58
28. Integrated Scheme on Agricultural Cooperation	129.81	...	129.81	130.00	...	130.00	230.00	...	230.00	130.00	...	130.00
29. <i>Agriculture Marketing</i>												
29.01 Integrated Scheme on Agriculture Marketing	826.75	0.64	827.39	1189.00	1.00	1190.00	749.00	1.00	750.00	1049.00	1.00	1050.00
30. National Bamboo Mission	...	...	...	...	...	...	...	...	...	300.00	...	300.00
Total-Green Revolution	10092.53	12.53	10105.06	13687.00	54.00	13741.00	11138.84	45.82	11184.66	13795.22	113.70	13908.92
31. Actual Recoveries	-117.33	...	-117.33	...	...	...	...	...	...	...	...	...
Total-Centrally Sponsored Schemes	11966.45	12.53	11978.98	17087.00	54.00	17141.00	14138.84	45.82	14184.66	17795.22	113.70	17908.92
Grand Total	36881.50	30.98	36912.48	41775.57	79.43	41855.00	41059.18	45.82	41105.00	46586.30	113.70	46700.00
B. Developmental Heads												
Economic Services												
1. Crop Husbandry	12677.70	...	12677.70	10691.85	...	10691.85	12677.26	...	12677.26	14720.65	...	14720.65
2. Soil and Water Conservation	20.45	...	20.45	22.51	...	22.51	24.21	...	24.21	25.43	...	25.43
3. Agricultural Financial Institutions	13397.13	...	13397.13	13500.00	...	13500.00	14335.02	...	14335.02	13589.83	...	13589.83
4. Co-operation	129.81	...	129.81	117.00	...	117.00	197.00	...	197.00	117.00	...	117.00
5. Other Agricultural Programmes	861.58	...	861.58	1149.60	...	1149.60	750.98	...	750.98	1028.94	...	1028.94
6. Secretariat-Economic Services	112.87	...	112.87	119.00	...	119.00	123.06	...	123.06	134.00	...	134.00
7. Capital Outlay on Crop Husbandry	...	12.16	12.16	...	49.44	49.44	...	40.83	40.83	...	108.71	108.71
8. Capital Outlay on Other Agricultural Programmes	...	0.64	0.64	...	1.00	1.00	...	1.00	1.00	...	1.00	1.00
9. Loans for Cooperation	...	18.18	18.18	...	25.00	25.00	...	...	...	...	...	...
Total-Economic Services	27199.54	30.98	27230.52	25599.96	75.44	25675.40	28107.53	41.83	28149.36	29615.85	109.71	29725.56
Others												
10. North Eastern Areas	...	...	...	4112.61	...	4112.61	2834.28	...	2834.28	4606.90	...	4606.90
11. Grants-in-aid to State Governments	9678.71	...	9678.71	12047.86	...	12047.86	10107.04	...	10107.04	12347.92	...	12347.92
12. Grants-in-aid to Union Territory Governments	3.25	...	3.25	15.14	...	15.14	10.33	...	10.33	15.63	...	15.63
13. Capital Outlay on North Eastern Areas	...	...	...	...	3.99	3.99	...	3.99	3.99	...	3.99	3.99
Total-Others	9681.96	...	9681.96	16175.61	3.99	16179.60	12951.65	3.99	12955.64	16970.45	3.99	16974.44
Grand Total	36881.50	30.98	36912.48	41775.57	79.43	41855.00	41059.18	45.82	41105.00	46586.30	113.70	46700.00

	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total
C. Investment in Public Enterprises												
Loans to Credit Cooperatives												
1. Debenture of State Land Development Banks	18.18	...	18.18	25.00	...	25.00	...	...	...	...	...	...
Total-Loans to Credit Cooperatives	18.18	...	18.18	25.00	...	25.00	...	...	...	...	...	...
Total	18.18	...	18.18	25.00	...	25.00	...	...	...	...	...	...

1. **Secretariat:** The provision is for expenditure on Secretariat, Departmental Canteen and Minister (Agriculture), Embassy of India, Rome; contribution to various international organizations; and includes various attached and sub-ordinate offices under the Department located in various States.

2. **Crop Insurance Scheme:** Pradhan Mantri Fasal Bima Yojna (PMFBY) launched from 1.04.2016 after rolling back earlier schemes National Agriculture Insurance Scheme (NAIS), Weather-based Crop Insurance scheme, Modified National Agricultural Insurance Scheme (MNAIS). The Department has migrated from claim-based insurance schemes to an upfront subsidy for a premium-based system. The part liability of claims of previous years (prominently Kharif 2015 and Rabi 2015-16 have also to be paid along with the upfront premium subsidy under PMFBY for Kharif and Rabi 2017-18. It is a demand driven scheme, therefore no targets are fixed. However, it was decided to increase the coverage up to 50% of total cropped area by 2018-19.

3. **Interest Subsidy for Short Term Credit to Farmers:** Under the scheme, interest subvention is provided to NABARD, Regional Rural Banks, Cooperative Banks, Public Sector Banks and scheduled Private Sector Banks for providing Short Term Credit to farmers at subsidized rate of interest.

4. **Market Intervention Scheme and Price Support Scheme (MIS-PSS):** Under this scheme NAFED, Central Warehousing Corporation, National Consumer Cooperative Federation of India and Small Farmers Agro Business Consortium have been designated as Central agencies to undertake procurement of Oilseed and Pulses under price support scheme and also work to provide remunerative prices to farmers for their produce. NAFED, Central Warehousing Corporation, National Consumer Cooperative Federation of India, Small Farmers Agro Business Consortium have been designated as Central agencies to undertake procurement of Oilseed and Pulses under price support scheme and also work to provide remunerative prices to farmers for their produce.

5. **Protection of Plant Varieties and Farmers Rights Authority:** It is a statutory body set up under a legislation enacted in 2001 to fulfill obligations under agreement of World Trade Organization. It provides the establishment of an effective system for Protection of Plant Varieties, the Rights of farmers and plant breeders and to encourage the development of new varieties of plants.

6. **National Institute of Plant Health Management:** The Institute is engaged in promoting environmentally sustainable Plant Health Management practices in diverse and changing agro-climatic conditions, Bio-Security & Incursion Management and extending policy support to Central and State Governments.

7. **National Institute of Agricultural Extension Management (MANAGE):** The Institute facilitates the acquisition of managerial and technical skills by Extension Officers, Managers, Scientists and Administrators in all sectors of agricultural economy to enable them to provide most effective support and services to Farmers and Fishermen for practicing Sustainable Agriculture and fishing practices.

11. **Pradhan Mantri Krishi Sinchai Yojana (PMKSY)- Per Drop More Crop:** This scheme will provide end to end solutions in irrigation supply chain, viz. water sources, distribution network and farm level application. The programme will mainly focus on increased agricultural production and productivity by increasing availability and efficient use of water.

12. **Rashtriya Krishi Vikas Yojna:** This is a programme for achieving high growth in agricultural sector, higher returns to the farmers and for integrated development by focusing on food security, sustainable agriculture, production of oil seeds, oil palm and agricultural extension.

13. **National Food Security Mission:** National Food Security Mission aims to enhance the production of Rice, Wheat, Pulses, coarse cereals and commercial crops to make the country self-sufficient in food grains. Pulses take 60% of the allocation.

14. **National Project on Organic Farming:** The scheme is designed to encourage production and use of organic and biological sources of nutrients like bio fertilizers, organic manure, compost for sustained soil health and fertility and use bio pesticides, bio control agents etc. as alternative inputs in organic farming.

15. **Organic Value Chain Development for North East Region:** The scheme aims to facilitate, encourage and promote development Organic Farming in the North East region.

16. **National Project on Soil Health and Fertility:** Soil Health Management is aimed at promoting location as well as crop specific sustainable soil health management including residue management, organic farming practices by way of creating and linking soil fertility maps with macro-micro nutrient management, appropriate land use based on land type. The provision is for setting up of new Soil Testing Laboratories (STL) / mobile STLs/Fertilizer Quality Control Laboratories (FQCLs) and their strengthening for paving the way for judicious use of chemical fertilizers. It also includes provision of Soil Health Card which provides information to farmers on soil nutrient status of their soil and recommendation on appropriate dosage of nutrient to be applied for improving soil health and its fertility.

17. **Rainfed Area Development and Climate Change:** Promoting Integrated farming system (multi-cropping, rotational cropping, intercropping, mixed cropping practices with allied activities) to

enable farmers to enhance farm returns and to mitigate the impacts of drought, flood or other extreme weather events through conservation technologies and protective / life-saving Irrigation. Rainfed area development is being implemented in 27 states from 2014-15 and proposed to cover 0.85 lakh ha. Integrated Farming System activities.

18. **Paramparagat Krishi Vikas Yojana:** The scheme, launched in 1.04.2015, is an elaborated component of soil health management. Under the scheme, organic farming is promoted through adoption of organic village by cluster approach and Participatory Guarantee System of certification. Till 2018-19, 50000.00 clusters of 20 ha. of land are to be formed. Target is to cover 10 lakh ha. area to promote organic farming. It includes different components such as mobilization, training of farmers and exposure visits by the farmers.

19. **National Project on Agro- Forestry:** The scheme is designed to give specific focus on development of agro-forestry. National Agro-Forestry Policy was brought out in 2014 to bring about coordination, convergence and synergy among various elements of Agro-Forestry.

20. **National Mission on Oil Seed and Oil Palm:** The mission envisages increase in production of vegetable oils. The Mission is implemented through three Mini-Missions with specific targets viz. Mini Mission-I on Oilseeds, Mini Mission-II on Oil Palm and Mini Mission-III on Tree Borne Oilseeds. All the North Eastern States have been included under this scheme.

21. **National Mission on Horticulture:** The provision is for promoting holistic growth of Horticulture sector duly ensuring backward and forward linkage. It includes increased availability of quality planting material, demonstration of latest technology and upgradation of skills of farmers, mitigation from drought, life saving irrigation, reduction in post-harvest losses and access of markets to the farmers for better price realization. The Mission includes various activities such as Coconut Development Board, Horticulture Development Board and Development of Commercial Horticulture through production and post-harvest management, capital investment subsidy for construction, expansion, modernization of cold storages and storages for horticulture produce, technology development and transfer for horticulture produce, etc.

22. **Sub- Mission on Seed and Planting Material:** The Mission aims to develop/ strengthen seed sector and to enhance production and multiplication of high yielding certified/ quality seeds of all agricultural crops and making it available to the farmers at affordable prices and also place an effective system for protection of plant varieties, rights of farmers and plant breeders to encourage development of new varieties of plant.

23. **Sub- Mission on Plant Protection and Plant Quarantine:** Primary aim of this scheme is to minimize loss to quality and yield of agricultural crops from the ravages of insect pests, diseases, weeds, nematodes, rodents, etc. and to shield our agricultural bio-security from the incursions and spread of alien species. The sub-mission also seeks to facilitate exports of Indian agricultural commodities to global markets and to promote good agricultural practices particularly with respect to plant protection strategies and techniques.

24. **Sub - Mission on Agriculture Extension:** The goal of the Mission is to reach the unreached to improve the income and livelihoods of farming community especially the small and marginal farmers and contribute to the achievement of faster, sustainable and more inclusive growth.

25. **Information Technology:** The provision is for strengthening / promoting Agriculture Information System and National E-Governance Plan.

26. **Sub- Mission on Agriculture Mechanisation:** Under this scheme, financial assistance is provided to Farm Machinery Training and Testing Institutes, which provide training to the progressive farmers technicians, nominees of State Governments and Agro Industries Corporations, farming institutions and engineering entrepreneurs. The provision is also for demonstration of newly developed agricultural equipment including horticultural equipment at farmers field and post-harvest technology and management.

27. **Integrated Scheme on Agriculture Census and Statistics:** The scheme includes restructured scheme of agricultural census, studies in agricultural economy policy and development & improvement in agricultural statistics etc.

28. **Integrated Scheme on Agricultural Cooperation:** The provision is for Integrated Scheme for Agricultural Cooperation. It includes restructured schemes of assistance to NCDC and Cooperative Education and Development.

29. **Agriculture Marketing:** The provision includes existing sub-schemes i.e. (i) Agricultural Marketing Infrastructure (AMI)- Includes creation of Scientific Storage Capacity. Under this scheme 35 MT of storage capacity & 400 other marketing Infrastructure projects are targeted for 2017-18. In addition 100 Farmers Consumer Markets are to be established (ii) Marketing Research and Information Network (MRIN)-to establish nationwide information network of market data to the producers, traders and consumers (iii) Strengthening of Agmark Grading Facilities (SAGF) (iv) Agri-Business Development (ABD) implemented through interest free Venture Capital Assistance (VCA) and Project Development Facility (PDF) to provide market linkages to farmers (v) Sh. Choudhary Charan Singh National Institute of Agriculture Marketing (NIAM) and (vi) National Agriculture Market (NAM) for setting up a common e-market platform for wholesale markets in States/ U.Ts desirous of joining the e-platform- Roll out of NAM software for trading of agri-commodities in selected 585 markets by 2017-18 across the nation and Equity Grant and Credit Guarantee Fund Scheme- to enable registered farmer producer companies to access equity grant and also provides a Credit Guarantee to financial institutions, which extends loans to producer companies without collateral up to ₹ 1.00 crore.

30. **National Bamboo Mission:** NBM was initially started as a CSS scheme in 2006-07 and was subsumed under MIDH during 2014-15 and continued till 2015-16. Funds were released for maintenance of bamboo plantations grown earlier under NBM.

Since no focussed programme for bamboo sector is available, it has been decided to revitalize the NBM with appropriate restructuring giving adequate emphasis on production, product development and value addition activities.