

Maharashtra State Agricultural Marketing Board



Annual Report : Year 2016-2017



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Maharashtra State Agricultural Marketing Board

The Maharashtra State Agricultural Marketing Board, Pune has been established on 23rd March 1984, as per the provision of Sec..39 (A) of the Maharashtra Agricultural Produce Marketing (Development and Regulation) Act of 1963. During the year under report, Maharashtra State Agricultural Marketing Board has completed 33 years of its dedicated service to farming community. Maharashtra State Agricultural Marketing Board is very much proud of the developmental work it has done through its last 33 years work in the field of Agricultural Marketing in the State of Maharashtra. During the year under report Marketing Board has implemented various projects, schemes, new program for farmers & farmer co-operative organization to modernize & strengthen the Agricultural Marketing System.

Objectives:

As per the provisions of Maharashtra Agricultural Produce Marketing (Development and Regulation) Act, 1963, Section 39(J), the objectives of the Board are as follows:

1. To Co-ordinate the functioning of market committees including the programs undertaken by such market committees for development of their markets and market areas.
2. To undertake state level planning for the development of Agricultural Produce Markets.
3. To maintain and administer "Agricultural Market Development Fund".
4. To give advice to Market Committees in general and/or to any Market Committee in Particular with a view to ensuring improvement in the functioning thereof.
5. To supervise and guide the market committee in the preparation of plans and estimates of constructions programme undertaken by market committees.
6. To make necessary arrangements for propaganda and publicity on matters relating to marketing of agricultural produce.
7. To grant subventions or loans to market committees for the purposes of this Act on such terms and conditions as it may determine.
8. A) To arrange and organize the Seminars, Workshops, or Exhibitions on the subjects relating to Agricultural Marketing.
B) To arrange for training to the members as well as to the employees of the Market Committees.
9. To do such other things as may be of general interest relating to marketing of agricultural produce.
10. To carry out any other function specifically entrusted to it by this act.
11. To carry out such other functions of like nature as may be entrusted to it by State Government.

Major programs of Implementation:

1. To advise the market committees for making improvements in their functioning and make available financial assistance for the same, so as to develop better agriculture marketing system.



2. To make available the necessary technology to various Fruits & Vegetable Marketing Co-operatives and also help them to set up their projects such as Pre-cooling and Cold Storage, Value Addition Centers, etc.
3. Import various types of Seeds, Samplings, Bulbs, and Agro-chemicals etc. as per the demand of farmers and to make them available at reasonable rates.
4. Computerization of action process & office activities of APMCs.
5. Software development and implementation for various activities of State Marketing Board, Directorate of Marketing & APMCs.
6. To arrange and organize the Seminars, Workshops, Training programs, etc. for officials & non officials of APMC's. on the subjects related to Agril Marketing.
7. To promote setting up of Hi-tech Agro projects in the State in Co-operative sector and help them for domestic as well as export marketing of their products.
8. To participate in & organise various exhibitions related to agriculture & Agricultural Marketing.
9. To give financial assistance at low interest rate to APMCs for implementing the agricultural produce pledge finance scheme.
10. To arrange for sending samples of agro produce of farmers to prospective foreign buyers and give the latest information regarding export to farmers & farmers associations. Also undertake commercial export of agro produce on behalf of farmers.
11. To study the potentialities for setting up various agro based industries in the State and to prepare the detailed project reports for the same.
12. Implement new techniques in farming on Talegaon Land..
13. To utilize V.H.T. plant and other supporting infrastructure facilities for the farmers, exporters & etc.
14. To help and guide the APMCs for getting the benefit of various State and Central Government schemes.
15. To guide the market committees for arranging their study tours in various parts of the country.
16. Publication & distribution of "Krushi Panan Mitra" Magazine & follow up for increasing the subscribers.
17. To Promote various Organization to implement "Farmers to consumer" scheme in various cities in the state.
18. To give due publicity to the various schemes of Marketing Board for the benefit of APMC, Farmers, Farmers organization etc.
19. To conduct soil testing & give training to farmers at National Institute of Post Harvest Technology, Talegaon.
20. To give training to the staff of the Marketing Board.
21. To Set up Export Facility Centres in the States.
22. Organise training programmes efficiently at HTC & formulate new programmes regarding new techniques.



23. To Implement direct farmer to consumer scheme and work for its publicity and propaganda.
24. To prepare informative booklet on Agricultural Marketing.
25. To prepare Business Development Plans of the APMCs in the State.
26. To set up infrastructure for Agriculture Marketing under the RKVY scheme.
27. To develop the facility under the scheme of RKVY to APMC's from Nakshalgrast Division.
28. To develop Brands of Agricultural produce.
29. To include the 30 Market Committees in National Agriculture Market Project. (NAM)
30. To use Common Accounting System to all market Committies from Maharashtra.
31. Under the scheme of Producer to Consumer to implement the "Farmers Weekly Market" mission
32. To advise, help and guide to Farmer producer Company for marketing of agriculture produce.
33. To promote domestic trade through Farmer Producer Company without Stakeholder.
34. To develop market linkage with Exporter, Farmers, Farmers Group and Company for export promotion and to guide.
35. To encourage the exporter for " Horticulture Export Training Programme"
36. To arrange the various training programme with NIAM-Jaipur, Manage-Haiderabad, IIFT-New Delhi, DMI, VAMINICOM-Pune, ICM-Pune and to send APMC's and Board Officer & Employee to the training programme which organized by this Institute.



2. Board of Directors

1.	<p>Hon'ble Shri. Chandrakant (Dada) Bachhu Patil (Up to 10/07/2016) Hon'ble Shri.Subhash Sureshchandra Deshmukh (From 11/07/2016) Minister of Co-Operation, Marketing & Textile</p>	Chairman
2.	<p>Hon'ble Shri.Ram Shinde (From 10/07/2016) Hon. State Minister of Home (Rural), Marketing, Public Health & Tourism Hon'ble Shri.Sadashiv Ramchandra Khot (From 11/07/2016) Hon. State Minister of Agriculture and Horticulture, Marketing, Water Supply and Sanitation</p>	Vice-Chairman
3.	<p>Hon'ble Shri. Diliprao Mohite Patil Hon. Chairman, Maharashtra State Market Committee's Co-operative Federation Ltd., Pune</p>	Member
4.	<p>Shri. Chandrakant Dalvi Comissioner of Co-operation, Maharashtra State, Pune</p>	Member
5.	<p>Shri. Vikas Deshmukh (IAS) Comissioner of Agriculture, Maharashtra State, Pune</p>	Member
6.	<p>Shri. Bhavesh Kumar Joshi Deputy Agricultural Marketing Advisor, Representative of Agri. Marketing ,</p>	Member
7.	<p>Representative of National Bank of Agriculture and Rural Development (NABARD)</p>	Member
8.	<p>Adv. Sudhir Daulatchand Kothari Chairman, A.P.M.C., Hinganghat, Dist. Wardha and Member, MSAMB, Pune</p>	Member
9.	<p>Shri. Tatyasaheb Dagdu Hule Chairman, A.P.M.C., Patoda, Dist. Beed</p>	Member
10.	<p>Dr. Kishor Toshniwal (Up to 09/01/2017) Shri. Sunil Pawar (From 09/01/2017) Director of Agriculture Marketing, Maharashtra State Pune.</p>	Member
11.	<p>Shri. Milind Akre (From 01/04/2016 to 22/06/2016) Shri. M. R. More (From 22/06/2016 to 12/08/2016) Dr. Kishor Toshniwal (From 12/8/16) Managing Director, MSAMB Pune</p>	Member



3. Management

Sr.No	Name of Officer & Designation	Period	Section
1.	Shri. Milind Akre	Up to 22/06/2016	Managing Director
	Shri. M.R. More	From 22/06/2016 to 12/08/2016	
	Dr. Kishor Toshniwal	From 12/08/2016	
2.	Shri. Milind Akre	-	General Manager
3.	Dr. Prashant Sonawane, DGM	-	Apmc/BDP/ ADMIN
4.	Shri. O.V.Nila, DGM	Up to 08/11/2016	Engineering
	Shri. D. D. Deshmukh, Assistant General Manager (Additional Charge of DGM)	From 08/11/2016	
5.	Shri. Jitendra V. Kolambe, DGM	--	Fin. And Account
6.	Dr. B. N. Patil Assistant General Manager	--	Agriculture Business Development & PRO
7.	Shri..M. L.Lokhande, Assistant General Manger	--	Computer
8.	Shri. D.M.Sable, Assistant General Manager,	--	Export & V.H.T. Vashi
9.	Shri M. P. Pawar, Assistant General Manager	--	B.D.P./ Project
10.	Shri. P. D. Tekale, Assistant Manager (Additional Charge of Manager)	Up to 31/08/2016	Admin
	Shri. D. S. Patil ,Manager	From 01/09/2016	
11.	Smt. S.A.Tambhale, Law Officer, Manager,	--	Law Officer PRO
12.	Shri. J. M. Kokane, Manager	--	Fin. And Account
13.	Shri. S. P. Bajare, Manager	--	R.K.V.Y. Engg.
14.	Shri. B.G. Katore, Manager	--	APMC
15.	Shri. A..A. Autade, Manager	--	Pledge Loan Scheme (APMC)
16.	Shri K.S. Phatangare, Manager	--	Computer (Hardware)
17.	Shri V.V. Jagadale, Manager	--	Computer (Detabase)
18.	Shri S.D. Meherkar, Agri. Assistant (Additional Charge of Manager)	--	Sheti (Talegaon)



Divisional Deputy General Manager – Divisional Assistant General Manager & Divisional Manager, District Agriculture Marketing Officer.

Sr.No	Name of Officer	Period	Division
1.	Dr. Ashok S. Gardi, DGM	--	Pune
2.	Shri. C.M. Bari, DGM	Up to 15/06/2016	Nasik
	Shri .D. D. Aher, DGM	From 15/06/2016	
3.	Ku. Shubhangi Gond, DGM	--	Latur
4.	Shri. M. U. Rathod, DGM	Up to 06/06/2016	Amravati
	Shri A. J. Virkar, Manager (DGM	From 06/06/2016 to 14/06/2016	
	Shri D.M. Daga, Manager (Additional Charge of Manager)	From 14/06/2016 to 25/11/2016	
	Shri. L.B. Mundada , DGM	From 25/11/2016	
5.	Shri.Shachin Bimrao Ghodke, DGM	--	Nagpur
6.	Shri. M.N. Salunke-Patil , DGM	--	Aurangabad
7.	Smt. P.D.Burande,DGM	Up to 04/06/2016	Ratnagiri
	Shri. M. G.Joshi , Assistant General Manager, (Additional Charge of Manager)	From 04/06/2016 to 23/06/2016	
	Shri. M. K. Ahire , DGM	From 23/6/2016	
8.	Shri. Sampat T. Gunjal, DGM	From 14/01/2016 yo 04/08/2016	Kolhapur
	Shri Subhash Ghule, Assistant General Manager, (Additional Charge of Manager)	From 04/08/2016 to 02/09/2016	
	Shri A.J. Pawar, Manager, (Additional Charge of Manager)	From 02/09/2016	
9.	Shri. Surendra M. Tambe, DGM(Administrative Officer)	-	P.G.C.A.B.M., Talegaon Dabhade.



4) Financial Position

Sources of Income:

As per provision of Sec.39 (L) of The Maharashtra Agricultural Produce Marketing (Development & Regulation) Act of 1963, sources of income of Maharashtra State Agricultural Marketing Board are Annual contribution received from Agricultural Produce Market Committees, Interest on the loan amount disbursed to the market committees and Interest received on bank deposits and other investments.

As per provisions of the Act such amount received is accounted under the head "The Agricultural Marketing Development Fund". After meeting the administrative expenditure and expenses on other developmental activities of the Marketing Board, the balance amount is utilized for disbursing in the form of loans to the various Market Committees to develop infrastructure facilities in their Main and Sub market yards.

The details of total funds received and its utilization during the year under report is as follows:

Balance sheet as on 31.3.2017

(Rs.in Crores)

Sr.	Liabilities	Amount	Assets	Amount
1	Marketing Fund	388.17	Fixed & Current Assets	143.34
2	Bank OD	0.00	Investments	233.56
3	Current Liabilities	22.16	Cash & Bank Balance	19.17
4	Subsidy (APEDA & Other)	47.77	Closing Inventory	0.02
5	Marketing Extension Fund	7.33	Loans & Other Advances	12.75
6	Onion Export Development Extension Fund	48.47	Marketing Board Income Tax	0.48
7	RKVY Scheme Fund	1.55	Current Assets	134.28
8	Provisions	28.15		
	Total	543.60	Total	543.60

Income & Expenditure as on 31.03.2017

(Rs. In Crores)

No.	Expenditure	Amount	Income	Amount
1	Establishment Expenses	12.78	Interest received on loans provided to APMC & Other	3.26
2	Administrative Expenses	4.72	Interest received on Investments	11.84
3	Export Promotion	0.03	Project Consultancy Fee	0.01
4	Development and Projects	2.82	Cold Storage Income	2.31
5	Depreciation	6.13	Krishi Panan Mitra (Contribution)	0.18
6	Provisions	0.00	Other Income	3.40
			Deficit as on 31.03.2017	5.48
	Total	26.48	Total	26.48



BUDGET FOR THE YEAR 2017-2018

IN FLOW

(Rs. In Crores)

No.	Particulars	Amount	Percentage %
1	Contribution	35.00	33.78
2	Loan recovery	30.00	28.95
3	Interest on loans	5.00	4.83
4	Interest on investments	13.00	12.55
5	Deposit Term Loan	10.00	9.65
6	Facility Center Income	3.50	3.38
7	Loans & Advances recovery	1.50	1.45
8	Other	5.62	5.42
	Total	103.62	100.00

OUT FLOW

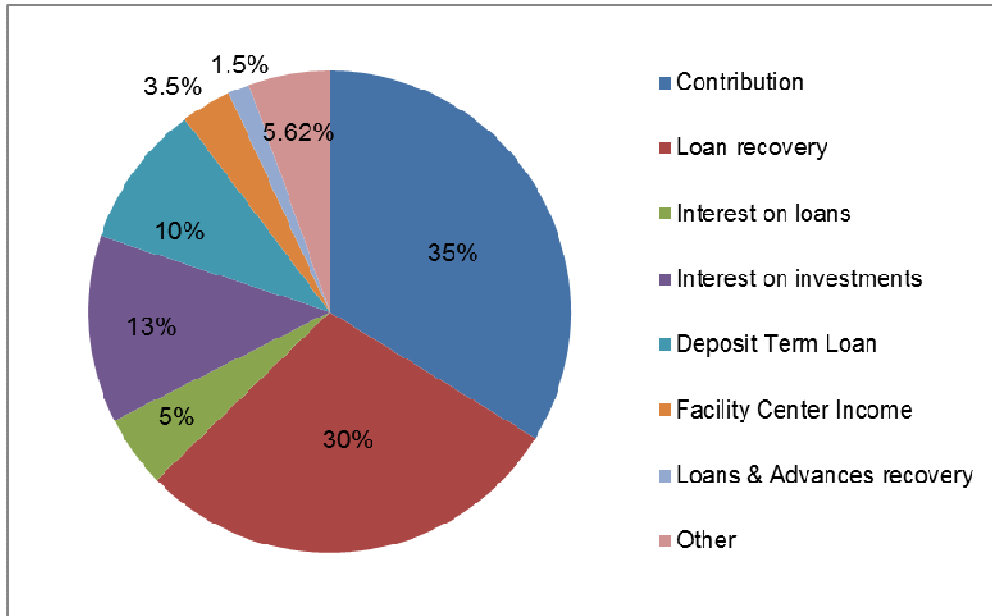
(Rs. In Crores)

No.	Particulars	Amount	Percentage %
1	Loans disbursement to APMCs & Subsidy	46.00	31.00
2	Establishment, Administrative & Other revenue expenditure	25.59	17.24
3	Term Loan, Investment Fluctuation Fund, House Loan Advance	11.70	7.88
4	Capital expenditure (Head office, Export Facility Center, Computer & Other)	62.76	42.29
5	Export Promotion – Development Projects	2.35	1.58
	Total	148.40	100.00

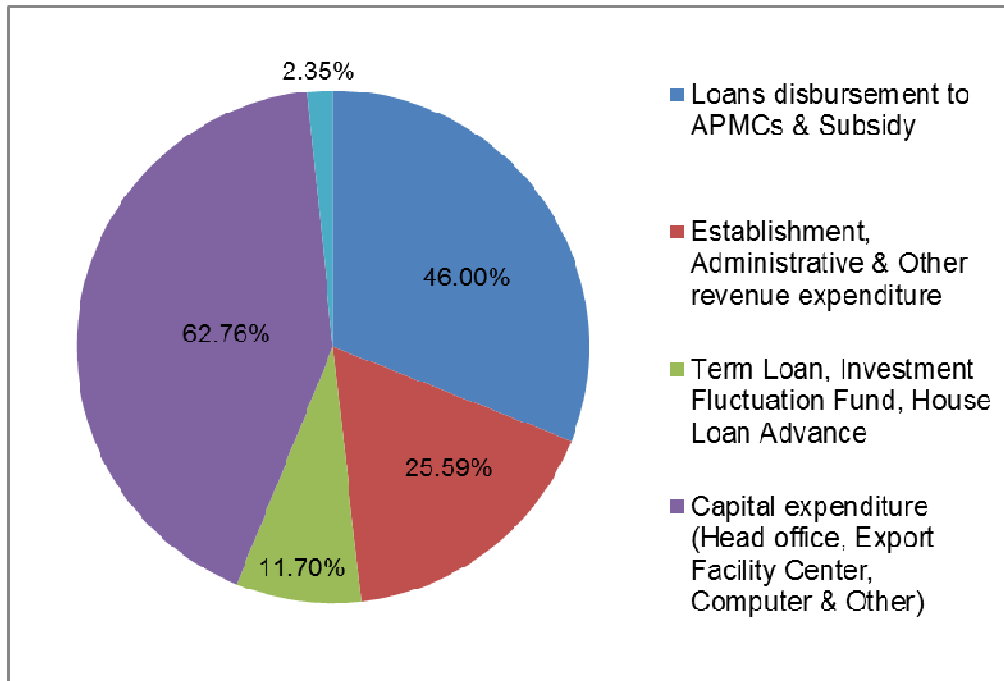


Budget – 2017-2018

Rupees Comes:



Rupees Goes:





5) OTHER DEPARTMENTS

A. Agricultural Produce Market Committees

As on 31st March 2017, there are 306 Main Markets and 598 Sub-markets functioning in the state. The APMC's are functioning in all districts of the state. Division wise break-up of the APMCs functioning in the State is as follows:

Sr.	Division	Main Markets	Sub-Markets
1.	Ratnagiri	20	41
2.	Nasik	53	117
3.	Pune	23	67
4.	Aurangabad	36	65
5.	Latur	49	80
6.	Amrawati	55	91
7.	Nagpur	49	77
8.	Kolhapur	21	60
	Total	306	598

1. Contribution:

As per provision of Section 37(2) of Maharashtra Agricultural Produce Marketing (Regulation) Act, 1963, the contribution was charged to 300 Market Committees on their total income for the year 2015-16.

(Amount Rs. In Lakhs)

As on 31/3/2015 Outstanding Contribution	Contribution Demand for 2015-16	Total Contribution	Contribution Received	Balance Contribution
940.13	3499.77	4439.90	3131.79	1308.11

2. Loans :-

Developmental Loans:

MSAMB is disbursing long term and interim loans to the market committees for carrying out various developmental works in their main and sub-market yards. This includes items mainly as Land acquisition, Internal Roads, Road Asphaltting, Drinking water facility, Auction Platforms, Auction Sheds, Auction halls, Compound Wall, Gate and Watchman Cabin, Toilet Block, Electrification, Commercial Shopping Complex etc.

During the year under report, the MSAMB has disbursed loans amounting Rs.9,56,72,764/- to **12 Agricultural Produce Market Committees** for undertaking various developmental works. The details are as follows;



1.Term Loan -

Sr. No.	Name of APMC	Date	Amount Disbursed	Purpose of the Loan
1	Patoda, Dist.Beed.	16/04/2016	11001756	(5 th Installment) Development work at main market Patoda & Sub-Market Shirur.
2	Taloda, Dist.Nandurbar.	16/05/2016	1000000	Grading Unit.
3	Indapur, Dist.Pune	07/06/2016	10000000	Commercial Shopping Complex.
4	ChandurRly, Dist.Amravati.	09/06/2016	3500000	(1 st Installment) Development work.
5	Shrigonda, Dist.Ahemadnagar	20/06/2016	4033321	(1 st Installment) Development work under MACP scheme.
6	Patoda, Dist.Beed	31/08/2016	14205686	(5 th & Final Installment) Development work at main market Patoda & Sub-Market Shirur.
7	Sakri, Dist.Dhule	27/09/2016	12119114	(1 st & Final Installment) Development work under MACP scheme.
8	Parner, Dist.Ahmednagar	17/10/2016	2759076	(Final Installment) Development work under MACP scheme.
9	Pusad, Dist.Yeotmal	05/11/2016	2850906	(1 st Installment) Development work under MACP scheme.
10	Jintur, Dist.Parbhani	30/12/2016	7629708	(1 st Installment) Development work under MACP scheme.
11	Islampur, Dist.Sangli	02/03/2017	3481193	(1 st Installment) Development work under MACP scheme.
12	Dindori, Dist.Nashik	18/03/2017	12683223	(1 st Installment) Development work under MACP scheme.
13	Chopda, Dist.Jalgaon.	18/03/2017	10408781	(1 st Installment) Development work under MACP scheme.
Total loan Disbursed			95672764	

Loan Interest Rate :-

The Interest Rate for long term is 8% & short term loan is 10% which is reduced upto 6 percent p.a. for all APMC's & for all development work as per circular dated 09-03-2016. The Circular has been communicated to the all APMC,s. 6% interest rate is applicable for new loan sanctioned after dated 12-02-2016 & for loan has been already sanctioned before date 12/02/2016 installments are payable.

3. Budget Approvals:

As per provision of Section 38 of Maharashtra Agricultural Produce Marketing (Regulation) Act - 1963 the MSAMB has approved Main budgets of **303** APMCs during year under report. MSAMB has also approved Supplementary Budgets of **158** APMC's during the year under report. Also, Re-appropriation Sheet of **83** market committees of 2015-16 have been approved / disapproved.



4) Market Fee of on purchase agricultural produce in the area of APMC's under Direct Marketing.

License for Direct Marketing of Agricultural Produce is granted to 527 companies in State of Maharashtra. All these companies deposited market fee & Supervision fee on the purchase of Agriculture produce in the area of APMC for the period of 01/01/2016 to 31/03/2017 with MSAMB. Total 81 license holders deposited Total market and supervision fee Rs.3,00,10,654.46/-



B) Export

Maharashtra State Agricultural Marketing Board (MSAMB) Export section has organized training programs at grassroots levels for post-harvest management of agro produce including precooling, cold storage, ripening, packaging, logistics etc., to increase the export worthy production and post-harvest management, with the support of horticulture department, cooperation department, agriculture universities, local APMCs and guidance from APEDA and NPPO, Government of India. MSAMB provides the basic export oriented infrastructure for sorting, grading, packaging, handling, storage etc. MSAMB supports local APMCs and cooperative societies to get the funding from central and state government to create the infrastructure in the state.

MSAMB undertake the policy to boost of the agro export from Maharashtra. By implementing schemes viz. searching importers and sending samples of fresh fruits, vegetables and processed products, participation in various national and international exhibitions and trade events, exploring new international markets etc. MSAMB provides the importing orders to the grower exporters as well as farmer groups for supply of material for export and also organizing buyer-seller meets. MSAMB's export facility centers has played very important role in exporting various agro produce like mango, pomegranate, banana, oranges, mango pulp, cashew, flowers, onion to USA, Japan, New Zealand, UAE, Australia, South Korea, Mauritius, Russia.

MSAMB's Export Oriented Infrastructure:

Government of India has declared Agri export zones (AEZ) in the state of Maharashtra for Alphonso mango, kesar mango , onion, oranges, banana, pomegranate, and flowers. For AEZ of alphonso mango, Kesar mango , onion, oranges, banana, pomegranate MSAMB has been appointed as a nodal agency for its implementation in the state. Being nodal agency, MSAMB has realized the need of the export oriented pack house and facility centers for fresh fruits and vegetables, to reduce the post-harvest losses and as per the demand from the importing countries of agricultural produce.

We are pioneer in the state for creation of common infrastructure for post-harvest management by establishing pre-cooling, cold storage, packing grading line, ripening chamber etc., to boost the export from Maharashtra, with financial assistance from Agricultural & Processed Food Products Export Development Authority, Rashtriya Krushi Vikas Yojana and own funds.

No	Type of facility	Facility No	Precooling (Nos)	Precooling capacity in MT	Cold Storage (Nos)	Cold Storage capacity in MT	ripening Chamber (Nos)	ripening Chamber capacity in MT
1.	Export Facility Center	22	20	100	35	1119	12	211

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2.	Modern Marketing Facility	20	20	100	20	500	00	00
3.	Flower export facility Center	3	6	30	12	300	00	00
Total		45	46	230	67	1919	12	211

MSAMB has created 45 export facilities viz. export facility centers (22), Modern Marketing Centers (20) and flower export facility centers (3) by way of which the capacities created as cold storage - 1919 MTs, pre-cooling - 230 MTs, ripening chamber – 211 MTs and the export of fresh fruits and vegetables through these facilities are in the tune of 60,000 MTs and around 48.86 Lakh stems of roses.

Divisionwise list of export facility centers

Division	Sr. No.	Name of Facility	Location	Project Components		Capacity utilization (MTs)
Pune	1	Agro produce export facility center , Indapur	Shivlilianagar Indapur – Akluj Road, Indapur, Dist Pune	Handling Facility	10 MT/ hr	-----
				Onion Storage Structure	500 MT	
				Exporter Shops	360 sq. mtr	
				Admin building	233 sq mtr	
	2	Cold Storage Unit , Indapur, Dist Pune	Shivlilianagar Indapur – Akluj Road, Indapur, Dist Pune	Cold Storage	40 x 3 (120 MT)	-----
				Precooling	5 MT / Batch	
				Transformer	160 KVA	
				D.G.Set	100 KVA	
		Ice Making Unit		Ice Storage	40 MT	
				Ice Tank	5 MT / Day	
	3	Banana export Facility Center Indapur	Agricultural produce market committee, Shivlilianagar Indapur – Akluj Road, Indapur, Dist Pune	Pre cooling	5 MT/ Batch	-----
				Cold storage	25 MT	
				Ripening chamber	25 MT (4 nos)	
				Two Packhouse (Walchandnagar and Akluj)	4885 sq. feet each	
				D.G.Set	175 KVA	
	4	Grapes and Pomegranates export facility Center, Baramati	Jalochi, Tal Baramati Dist Pune	Pre cooling	5 MT / Batch	360 Pomegranates
				Cold storage	25 Mts (2 nos)	
				Packhouse	4035 sq.feet	
				Handling Facility	1.5 MT/ hour	
				D.G.Set	125 KVA	
	5	Flower export Facility, Talegaon Dabhade	MIDC, Floriculture park, Talegaon Pune	Pre cooling	5 MT / Batch (2 nos)	48.86 Lakhs Rose stems
				Cold storage	25 MT (4 nos)	
				Packhouse	6004 Sq feet	
				D.G.Set	200 Kva	
Transformer				200 Kva		
6	Export facility center, Talegaon	Horticulture Training Center,	Pre cooling	5 MT / batch	-----	
			Cold storage	50 MT		

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		Dabhade	Talegaon Dabhade , Tal- Maval Dist Pune	Packhouse	800 sq feet	
Kolhapur	7	Pomegranate and Grape export facility Center , Atpadi	Agricultural produce market committee , Atpadi , Tal Atpadi , Dist Sangali	Pre cooling	5 MT/ Batch	-----
				Cold storage	25 MT (2 Nos)	
				Packhouse	2000 Sq feet	
				D.G.Set	200 Kva	
				Transformer	200 KVA	
	8	Flower export Facility Center, Satara	Ajinkyatara shetkari sahakari pahale , phule va bhajipala kharedi vikri sanstha maryadit Tal Satara dist. Satara	Pre cooling	5 MT/ Batch (2 nos)	-----
				Cold storage	25 MT(4 nos)	
				D.G.Set	200 KVA	
Transformer				315 KVA		
Ratnagiri	9	Alphonso Mango export facility center, Nachane	Shantinnagar , Nachane Tal Dist Ratnagiiri	Pre cooling	5 MT / 6 hrs	-----
				Cold storage	25 MT	
				Ripening Chamber	5 MT	
				Packhouse	6000 sq feet	
				Handling System	1.5 MT / hrs	
				Plastic crates	800 nos	
				D.G.Set	100 Kva	
				Transformer	160 Kva	
	10	Alphonso Mango export facility center, Jamsande	Jamsande , Tal Deogad Dist Sindhudurg	Pre cooling	5 MT / 6 hrs	-----
				Cold storage	25 MT	
				Ripening Chamber	5 MT	
				Packhouse	6000 sq feet	
				Handling System	1.5 MT / hrs	
				Plastic crates	900 nos	
				D.G.Set	100 Kva	
				Transformer	160 Kva	
	11	Irradiation facility center , vashi	Sector 19 , opposite to Grain market gate no 2 , Vashi Navi Mumbai	Radiation source	Cobalt-60	191.3(of which 1.3 MTS Pomegrates)
				Source strength	500 kCi	
				Radiation Unit (Mango)	5 MT/ Hr	
				Cold Storage	76 MT	
				D.G.Set	500 KVA	
Transformer				500 KVA		
12	Vegetable processing facility , Vashi	Sector 19 , opposite to Grain market gate no 2 , Vashi Navi Mumbai	Pre cooling	5 MT/ Batch	1285 Vegetable processing	
			Cold storage	98 MT		
13	Vapour heat treatment facility, (VHT), Navi Mumbai Vashi	Export building, sector 19, APMC, Vegetable Market, Vashi , Navi Mumbai	VHT Machine	1.5 MT/ batch	668 Mts (210 Mts Mango)	
			Aluminium Palets	12 Nos		
			Cold storage	100 MT		
			Packhouse	4000 sq feet		
			Handling System	1.5 MT/ hour		
			Plastic crates	432 nos		
			D.G.Set	125 KVA		
Transformer	500 KVA					



	14	Mango export facility Center , Goregaon	Gate No -3, MAIDC, Goregaon, (East) Mumbai- 65	Precooling	5 MT	140 Mts (Mango)
				Ripening chamber	11 MT	
				Grading line	3 MT/hour	
				Transformer	315 KVA	
Nasik	15	Onion, Grapes, Pomegranates export facility center , Kalvan	A/p- Bhendi Tal Kalvan Dist Nasik	Precooling	5 MT / Batch	-----
				Coldstorage	50 MT	
				Packhouse	4350 sq mtr. (2 Nos)	
				Handling system	2 MT/ hrs	
				Onion Storage	400 MT	
				Weigh bridge	60 MT	
				Staff quarter	2 x 1 BHK	
				Plastic crates	1000 Nos	
				D.G. set	160 KVA	
	16	Onion export Facility Center , Chandwad	APMC, Chandwad , A/P Chandwad, Tal Chandwad, Dist – Nasik	Precooling	5 MT/batch	108 Mts (Onion)
				Coldstorage	50 MT	
				Packhouse	4765 sq. feet	
				D.G.Set	160 kva	
				Transformer	160 kva	
				Onion Storage structure	350 MT	
				Plastic crates	500 nos	
	17	Flower export Facility, Mohadi	APMC, Dindori , Sub Market, mohadi area, Gat No 1286, Tal - Dindori, Dist – Nasik	Precooling	5 MT / Batch (2 nos)	4355 Mts (Grapes)
				Coldstorage	100 MT	
				Packhouse	6004 sq feet	
				D.G.Set	200 KVA	
				Transformer	200 KVA	
	18	Banana export facility center, Savda	Tal Raver Dist Jalgaon	Precooling	5 MT/ batch	5437 MT Banana
				Coldstorage	25 MT	
				Ripening chamber	25 MT	
				Packhouse	5700 sq feet	
				Handling system	2 MT/hr	
				Plastic pallets	150 Nos	
				Weigh bridge	60 MT	
				Staff quarter	2 x 1 BHK	
				D.G.Set	140 KVA	
				Transformer	160 KVA	
	19	Fruits and vegetables export facility center, Khadkewake	A/P Khadkewake Tal Rahta Dist Ahmednagar	Precooling	5 MT / Batch	-----
				Coldstorage	150 MT	
				Packhouse	6964 sq feet	
				Handling line	2 MT/ hr	
				D.G.Set	200 KVA	
				Transformer	315 KVA	
Aurangabad	20	Kesar mango export facility center , Jalna	APMC, Jalna Market yard , Jalna Dist Jalna	Precooling	5 MT / Batch	92.42 MT Mango
				Coldstorage	50 MT	
				Ripening chamber	5 MT/ Batch	
				Packhouse	6000 sq feet	
				Handling system	1.5 MT/hr	
				Waxing unit		
				Fire fighting system		
				Plastic pallets	150 nos	
				Plastic crates	372 Nos	
				D.G.set	140 KVA	

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Latur	21	Kesar mango export facility , Beed	APMC, Beed , Village Bahirwadi , Tal Beed Dist Beed	Transformer	160 KVA	-----
				Pre cooling	5 MT / Batch	
				Coldstorage	50 MT	
				Ripening chamber	10 MT	
				Packhouse	3875 sq foot	
				D.G.set	160 KVA	
	22	Kesar mango and pomegranates export facility center , Latur	MIDC, Latur	Transformer	160 KVA	1043 (Apples and Pomegrates)
				Pre cooling	5 MT/ Batch	
				Coldstorage	100 MT	
				Packhouse	5700 sq feet	
				Ripening chamber	25 MT	
				Handling System	2 MT/ hr	
				Weigh bridge	60 MT	
				Plastic crates	1000 Nos	
				Staff quarter	2 x 1 BHK	
				D.G.Set	250 KVA	
	23	Banana export Facility center , Vasmat	Tal. Vasmat Dist . Hingoli	Precooling	5 MT / Batch	15.74 Mts Banana Ripening
				Coldstorage	25 MT	
Ripening Chamber				25 MT		
Packhouse				5700 sq feet		
Handling system				2 MT/ hrs		
Plastic pallets				150 Nos		
Amravati	24	Orange export facility, Varud	Dr. Panjabraop Deshmukh krishi shetimaal prakriya, panan, sahakari sanstha,ltd. Varud , Dist Amravati	Pre cooling	5 MT/Batch	-----
				Coldstorage	25 MT	
				Grading line	2 MT/ hr	
				D.G.Set	160 KVA	
					30 KVA	
				Transformer	160 KVA	
				Weigh bridge	60 MT	
				Staff quarter	2 x 1 BHK	
Nagpur	25	Orange export facility center, Karanja (GH)	Tal Ashti Dist Wardha	Pre cooling	5 MT / Batch	25 Mts Orange export to Srilanka
				Cold storage	25 MT	
				Packhouse	3300 sq feet	
				Handling system	2 MT/ hr	
				Waxing unit		
				Plastic crates	7000 nos	
				Weigh bridge	60 MT	

Modern Marketing Facility Centers for Fresh Fruits & Vegetables (20):

Division Name	Modern Marketing Facility Centres	Components and Capacities	Capacity utilization (MTs)
Pune	Shail Pimpalgaon Tal. Khed Dist. Pune	Cold Storage - 25 M.T. Precooling – 5 M.T./Batch Pack House Area 1500 Sq.ft. Electric and DG set Input Shop – 3	165
	Barshi, Dist. Solapur		34 Vegetable (Cold storage)
Kolhapur	Masur, Tal. Karad, Dist. Satara	Water supply Laboratory	10.69 Vegetable
	Mhaswad, Tal :- Man Dist. Satara		-----
	Talsande , Tal:- Hatkangale Dist. Kolhapur		-----
Ratnagiri	Palghar, Tal:- Palghar, Dist. Thane		-----

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Nasik	Thangaon, Tal. Sinnar Dist. Nashik	-----
	Loni, Tal. Rahata Dist. Ahmednagar	-----
	Shirpur, Tal:- Shirpur Dist. Dhule	-----
	Padalsa, Yawal, Dist. Jalgaon	281 Banana and Other fruits
Aurangabad	Karmad, Dist. Aurangabad	-----
	Ghansawangi, Dist. Jalana	-----
	Kalamnuri, Dist. Hingoli	-----
	Majalgaon, Dist. Beed	-----
Amaravati	Chandur railway Dist. Amravati	-----
	Deulgaon Raja Dist. Buldhana	-----
Latur	Ardhapur, Tal Ardhapur, Dist Nanded	900 Banana
Nagpur	Bhiwapur, Tal Bhiwapur, Dist. Nagpur	-----
	Mohadi, Tal. Tumsar, Dist. Bhandara	-----
	Pulgaon Tal Devali Dist. Wardha	-----

Other work –

• **Testing of Bitter Gourd in VHT machine:**

On 1 May 2014, European Union had imposed ban on Indian mangoes and 4 vegetables. As per the instructions of APEDA and NPPO, MSAMB has conducted trials on bitter gourd in VHT machine so as to decide the protocol for export. EU has declared clearance for Indian vegetables and Bittergourd from January 2017 vide letter dtd.13 October 2016. Also bittergourd export from VHT has been approved. MSAMB erected the VHT machine alongwith pre-cooling and cold storage facility and using commercially for export of mangoes to Japan, New Zealand, European Countries & Mauritius. Components of the facility are vapour heat treatment facility, pre-cooling facility, cold storage, material handling system. Exporters of fruits and vegetables are using these facilities to export fresh fruits and vegetables across the globe. Around 1587 MTs of bitter gourd has been processed in Hot Water Treatment for European Union.

• **Mango export From VHT Facility –**

Since Mango season 2006 till season 2015 about 517.71 Mts of mangoes has been exported to Japan, New Zealand, EU. And in the year 2016-17 210.66 Mts of mangoes has been exported to EU and New Zealand. Thus 728.37 Mts of Mangoes have been exported from this facility.

• **Export Facility Goregaon –**

MSAMB has taken on lease for three years MAIDC 's flower auction facility, Goregaon in February 2014. MSAMB has erected a hot water immersion treatment plant in 2015 mango season with financial assistance from APEDA. In mango season 2015 about 331 Mts of mangoes have been exported by exporters to EU. And In season 2016 140



Mts mangoes have been exported by exporters to EU. Thus total 471 Mts of mangoes have been exported from the facility.

- **Irradiation facility Centre (IFC), Vashi, Navi Mumbai:**

Market access to Indian mangoes opened in the year 2006 with the condition of irradiation on mangoes. BARC's irradiation facility at Lasalgaon was not feasible for exporters due to transportation issue, hence considering exporter's demand and guidance by APEDA, MSAMB established Irradiation Facility Center (IFC) at Vashi, New Mumbai with the financial assistance from RKVY, APEDA and MSAMB's own investment. This facility has been approved by DAE and AERB. The United State Department of Agriculture – Animal and Plant Health Inspection Services (USDA-APHIS) has accredited this facility for export of mangoes in year 2016. On dtd.16 April 2016 dose mapping for pomegranates has been carried out in presence of USDA inspector. Due to successful dose mapping the facility has been made operational by 29 April 2016 and 190 Mts of Mangoes and 1.3 Mts of Pomegranates exported to USA by 7 exporters. Also on 22 and 23 June 2016 a sea container of 13 Mts consisting of kesar, Totapuri and Dalimbia mango varieties, has been exported to USA.

- **Vegetable Processing Facility (VPF), Vashi, Navi Mumbai-**

European Union imposed ban on mango and other four vegetables (Colocasia leaves, bitter gourd, brinjal and snake gourd) in May 2014. On this background there was immediate need of the hot water treatment as well as pack house for packing of these vegetables for export to EU. MSAMB, with the support of APEDA and guidance of NPPO, established the vegetable processing facility at the first floor in the premises of Irradiation Facility center vashi Navi Mumbai. The chilli, bittergourd, Okra, drumstick, and other vegetables are being processed at this facility for export. The facility consists of grading line, Hot water treatment unit pre cooling and cold storages. M/s Khushi International, Vashi is operating and maintaining this facility. This facility is approved by APEDA for export EU, in 2016-17 around 2000 MTs fresh vegetables are exported from this facility to EU.

- **Implementation of Vegnet System for export oriented vegetable cultivation:**

APEDA and NPPO, Government of India has developed a standard operating procedure (SOP) for export of fruits and vegetables to European Union countries, in which the role and responsibilities of all stakeholders including farmers, pack house, laboratory, NPPO and Exporters has been laid down. To implement the Vegnet traceability system, MSAMB has deputed its expert officials as Nodal Officers in Pune, Satara, Solapur, Latur, Nashik, Latur, Parbhani, Beed, Jalana and Jalgaon districts for fortnightly monitoring of the farms of vegetables, initially for Okra. These officers visit the registered farms and guide the farmers. A monthly meeting of all stakeholders including APEDA, NPPO, MSAMB, Horticulture Department, Exporters is being organized to review of the all traceability systems developed by APEDA i.e. Grapenet, Anarnet, Vegnet, Mangonet etc. for the boost of export. European union has lifted the ban on export of vegetables from January 2017. About 4405 farms have



been registered under the Mangonet and 2100 farms have been registered under the ANARNET for exports. Under Vegnet (Okra) 200 farms have been registered in the state.

Stakeholders meeting for export potential crops :-

1. On dtd.15.10.2016 a meeting of stakeholders has been organized under the chairmanship of Hon. Shri Shubhash Deshmukh , Minister (Coperation , Marketing and Textile) , Government of Maharashtra at AAYUKA hall in Savitribai Phule Pune Vidyapeeth, Pune Campus.
2. In January 2016 a meeting of mango exporters and NPPO officials has been arranged at Mumbai.
3. A meeting of farmers , exporters and officials has been arranged at Ratnagiri on dtd.17.02.2017 for preparations of Mango season 2017.
4. For Pomegranates export , a meeting of stakeholders has been arranged on dtd.7 March 2017 at Solapur , under the chairmanship of Hon. Minister (Marketing), GoM.

• **Horticulture Export Training Course for progressive, farmers & entrepreneurs**

To develop the new entrepreneurs in agro export, "Horticulture Export Training Course", a residential course of 5 days, on chargeable basis (for residential Rs.8600 per participant , Rs.7500/- for non residential participant & by 40 % discount Rs.5200/- for ladies participant) is being organized monthly.

The subject taught under this program are as follows :-

1. Fruits and vegetables export opportunities and MSAMB's Role
2. Export procedure, certification, registrations and insurance
3. Overview of invoice, packing list and other documents
4. Study of product potential, Harmonized system code, and International status
5. Quality parameters , Phytosanitary standards, AGMARK standards, TRACENET , MRL, PHI etc.
6. Packing Standards , Packaging, Air and Sea shipments, role of CHA agents
7. Agricultural commodities transport and supply system (Domestic and International)
8. Terminologies – UCPDC 600, Banking procedure, Payment risks
9. Schemes of Government – APEDA, RKVY, MEIS for exporters
10. Export certification – (Good agricultural practices , HACCP)
11. Need of export facility centres (IFC, VHT, HWIT, VPF, PC, CS, RC)
12. Special process for fruits and vegetables
13. Marketing opportunities due to contract farming and Model act

The course has been commenced from December 2015 and in the year 2016-17, twelve batches have been organized and trained around 270 participants. Buyer seller meets have been organized to boost export by these entrepreneurs, 10 participants have started export business.



Globalgap certification subsidy scheme :-

Globalgap certificate is required for export of agro commodities especially fruits to countries like EU, America and Japan. For increasing export of alphonso mango, Kesar mango, Pomegranates, Banana and Oranges from the state it is necessary to increase globalgap certified farms. Till date 289 farmers got the Globalgap certificate for this MSAMB has provided the 50 % cost of certification fees as a subsidy. For 2016-17 year, Globalgap certification subsidy scheme has been implemented for fruit crops viz. alphonso mango, kesar mango , pomegranates, banana, and oranges . For 2016-17 three farmers from Ratnagiri district are benefitted from this scheme.



C) Project

1. Project Consultancy Division

Marketing Board offers consultancy to the APMCs and Co-operative and received an excellent response. This led to the formation of full fledged project consultancy division and it is established as 23rd July 2003.

The Project Consultancy Division is providing various types of services such as preparation of Detailed Project Report (DPR) to Agriculture Produce Market Committee, Co-operative Societies and Private Industry and Appraisal of Project Reports received from Directorate of Marketing. Preparation of Project Reports for Export Facility Centres erected by MSAMB for subsidy from RKVY and APEDA.

At present the consultancy division is providing consultancy services to agro processing projects. Project Consultancy Division is having project in hand valued at an estimated cost of Rs.240 Crores. During the financial year 2016-17, MSAMB earned Rs 1.00 lakhs as against Consultancy Fee. During the financial year MSAMB has done 5 appraisals.

1. Other proposed projects & Proposal of Export Facility Centers in the State

5 Project Reports submitted under RKVY Scheme

1. Onion Storage structure project for Karjat & Jamkhed Taluka - Rs.2462.25 Lakh for 50% subsidy.
2. Establishment of Infrastructure Facility in APMC Chandrapur - Rs..634.33 Lakh for 25% subsidy.
3. Development of marketing infrastructure at main and sub market at agricultural produce marketing committee, jamkhed, dist ahmednagar In maharashtra state Rs..862.61 Lakh for 25% subsidy
4. Development of marketing infrastructure at main and sub market at agricultural produce marketing committee, karjat, dist Ahmednagar - Rs. 1188.09 Lakh - for 25% subsidy.

1. Terminal Market

Central Government has decided to set up Modern Terminal Markets in the State under Public-Private Partnership Model (PPP model). The location selected in the State are Mumbai (Thane), Nashik and Nagpur. The estimated cost is as below.

Sr.	Terminal Market	Estimated Project Cost (Rs Crore)
1	Mumbai (Thane)	200-250
2	Nashik	60
3	Nagpur	70

A State Level Executive Committee has been set up by the Government of Maharashtra under the Chairmanship of Hon'ble Minister for Marketing. The Principal Secretary (Co-operation and Marketing) is Nodal Officer and the Director of Marketing, Maharashtra State is Additional Nodal Officer for these Terminal Market. The proposed



terminal markets will be implemented in a Public Private Partnership (PPP) mode and would operate on a Hub-and-Spoke Format. Terminal Markets would be built, owned and operated by the selected Private Enterprise (PE) through Competitive Bidding process. A floor subsidy of 25% of respective project cost will be offered to private entrepreneur for setting up Terminal Market Complex. However, during competitive bidding, all bidders will be eligible to quote bid subsidy from 25% up to 40% of their respective project cost with maximum subsidy of INR 50 crores.

The selection of the PE for each terminal market will be made on competitive bidding, following two-bid system i.e. Request for Qualification (RFQ) and Request for Proposal (RFP). The Revised Operational Guidelines for Terminal Market Complex has been published by Central Govt. in July 2009. Accordingly the process of establishment of Terminal Market at Mumbai, Nashik & Nagpur has been initiated.

A Government land of 92 aces at Babgaon, Tal- Kalyan, Dist Thane has been handed over to MSAMB for Mumbai (Thane) Terminal Market. RFQ stage of the Mumbai Terminal Market has been completed & RFP stage is under process. Letter of Intent & OMDA has been given to Unity Infraprojects Ltd. OMDA process is in progress. Guidance sought from Govt. of Maharashtra on demand for changes in OMDA.

Government of Maharashtra has decided to allot 100 acres of land at Kaldongari Dist Nagpur instead of land at Maouje Waraga and hence the process of land acquisition at Kaldongari has been under process.

Govt. land has identified at Mouje Pimpri Sayyad Tal. & District Nashik, & detailed proposal for transfer of land to MSAMB has been submitted.



D) Engineering

- 1) Construction of new projects such as Export Facility Centers, Flower Export Facility Center and Modern Markets for Fruits and vegetables. Also for regular maintenance of existing Export Facility Centers.
- 2) Scrutiny of loan proposals received from all APMCs which are working for their developmental works. These developmental works include basic infrastructure which are non-productive type such as development of APMC area, Compound Wall, Water supply, Toilet block, Auction hall, Gutter, Roads, Canteen, Farmers Rest House and productive works such as Godowns, Cold Storages, Cattle Markets etc.

The details of various activities done by the Engineering Department in the report (2016-2017) are as follows: -

A) With financial Aid from APEDA, New Delhi and subsidy from RKVY scheme, MSAMB has constructed the various facilities. Following Facility Centers are constructed during the Reporting Year ;

S.No.	Project location
A	Export Facility Center
1	Iradation Project Vashi, Navi Mumbai
1.1	Fruit and Vegetable Facilitation Center, Vashi, Navi Mumbai
2	Banana Export Facility Center, Indapur, Dist. Pune
3	pomegranate and grape export facility center, Atpadi, Dist. Sangli
4	Orange Export facility Facilitation Center, Varud, Dist. Amravati
5	Mango Packages, Goregaon
B)	Flowers Export Facility Center
1	Satara
C)	Fruits and Vegetable Modern Facilities Center
1	Karmad
2	Rajgurunagar
3	Pulgaon (Wardha)
4	Loni
5	Bhivapur
6	Palghar
7	Talsande
8	Mhaswad
D)	Other facilities
1	Iradation Project at Vashi, Ground floor and second floor furniture work, Vashi
2	Irradiation Project at the ground floor and second floor electrification, CCTV and EPABX work, Vashi
3	Departmental office Aurangabad



4	VHT Modernization of facility
5	Iradation Project S. S. Convert the tank into hot water tank .
6	Mango Export Facility Center, Jamsunde, Tal. Modernization of Devgad facility.
7	Dock leveler for precipitating reception and dispatch for irrigation facility, Vashi at Vashi, precling and incidental works.
8	Supply of electricity from the project feeder at the Ghansawangi facility to the modern facility of fruits and vegetables.
9	Power supply from the project facility at Kalvan, the Export Facility Center.
10	External Electrification at Flowers Export Facility Center, Satara

B) Development of Marketing Infrastructure under RKVY scheme for APMCs in Naxal affected districts of Gadchiroli, Gondiya, Chandrapur & Bhandara:

The objectives of this project are:

- To enhance the financial empowerment of tribal and other farmers of Naxal affected districts by creating marketing infrastructures.
- To discourage the common people and farmers from participation in Naxal Movement by increasing their financial stability.
- To enable the APMCs to handle the peak arrival of agricultural produce more efficiently.
- To reduce the marketing cost by increasing operational efficiency of the transactions.
- To improve hygiene and sanitary conditions in the APMCs and to reduce the Post harvest losses of agricultural produce.

In the first phase, the State Level Sanctioning Committee of Rashtriya Krishi Vikas Yojana has given sanction to the project worth Rs. 39.02 Crore for 11 APMCs in 3 districts i.e. Gadchiroli, Gondia and Chandrapur. The SLSC has sanctioned subsidy of Rs. 29.29 Crores to these 11 APMCs for establishment of marketing infrastructure facilities in their market yards. The work under RKVY project in these 11 APMCs was started in the year 2010 and now it is in nearby completion stage. MSAMB has disbursed subsidy of Rs. 23.45 Crore to these 11 APMCs till last year. The details of APMC wise sanctioned project cost, sanctioned subsidy, total expenditure on project and subsidy paid to APMC are as follows:

Amount in Rs.Crores

Sr	APMC	Sanctioned Project Cost	Sanctioned Subsidy (75%)	Subsidy paid to APMC	APMC own fund	Total Expenditure
1.	Chamorshi Dist. Gadchiroli	9.99	7.49	5.66	2.70	8.36
2.	Aheri Dist. Gadchiroli	2.32	1.74	1.65	0.58	2.23
3.	Goregaon Dist. Gondiya	2.65	1.99	1.31	0.44	1.75
4.	Tiroda Dist. Gondiya	2.40	1.80	1.25	0.41	1.66
5.	Amgaon Dist. Gondiya	4.74	3.56	3.25	1.22	4.47
6.	Gondiya Dist. Gondiya	7.05	5.29	4.12	1.30	5.42

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7.	Ar.Morgaon Dist. Gondiya	2.30	1.73	1.59	0.53	2.12
8.	Korpana Dist. Chandrapur	1.17	0.88	0.88	0.29	1.17
9.	Sindewahi Dist.Chandrapur	1.82	1.37	1.05	0.34	1.39
10.	Sawali Dist. Chandrapur	3.21	2.41	1.78	0.60	2.38
11.	Pomburna Dist.Chandrapur	1.37	1.03	0.91	0.31	1.22
	Total	39.02	29.29	23.45	8.72	32.17

In the second phase, the State Level Sanctioning Committee of Rashtriya Krishi Vikas Yojana has given in principle sanction to the projects of cost Rs. 66.40 Crores and subsidy @ 75% of Rs. 49.80 for 14 APMCs in 3 districts. The SLSC has sanctioned the projects of 14 APMCs for establishment of marketing infrastructure facilities in their market yards.

The details of these 14 projects are as follows:

Sr. No.	Name of APMC	District	Project Cost	Amount in Rs. Crores
				Proposed RKVY Subsidy @ 75%
1.	Armori	Gadchiroli	5.07	3.80
2.	Gadchiroli	Gadchiroli	5.00	3.75
3.	Tumsar	Bhandara	4.97	3.73
4.	Lakhandur	Bhandara	4.95	3.72
5.	Lakhani	Bhandara	5.01	3.76
6.	Pavani	Bhandara	2.42	1.81
7.	Chimur	Chandrapur	5.35	4.01
8.	Bramhapuri	Chandrapur	5.04	3.78
9.	Varora	Chandrapur	5.00	3.75
10.	Rajura	Chandrapur	2.97	2.22
11.	Gondpimpari	Chandrapur	5.24	3.93
12.	Chandrapur	Chandrapur	5.24	3.93
13.	Mul	Chandrapur	5.19	3.90
14.	Nagbhid	Chandrapur	4.97	3.73
	Total		66.40	49.80

As per revised Guidelines of RKVY in the year 2016-17, the subsidy up to 25 % of the project cost is allowed to these 14 APMCs. However MSAMB has submitted the proposal to State Govt. that, these 14 APMCs are from backward & Naxal affected areas & their financial capacity is not strong enough to invest 75% of the project cost from their own funds.

C) Subsidy disbursement to 33 APMCs in the State under AMIGS scheme of DMI, Govt. of India.

Directorate of Marketing & Inspection (DMI), Govt. of India has sanctioned the projects worth Rs. 38.48 Crores of 33 APMCs in the State during last 4 to 5 years. Under this scheme, the DMI has sanctioned 25% subsidy of Rs. 9.62 Crores to these APMCs for the purpose of Development / Strengthening of Marketing Infrastructure in their market yards



The first installment of Rs. 5.40 Crores sanctioned by DMI was already disbursed by MSAMB to these 33 APMCs. However due to non-implementation of Market Fee Act in Maharashtra State, DMI office was halted /did not issued the amount of second installment of subsidy. The necessary follow up with DMI was done by MSAMB on this issue. As a result, the amount of second installment of subsidy of Rs. 4.22 Crores was sanctioned to 33 APMCs by Project Sanctioning Committee of DMI on 16/03/2016 and MSAMB has disbursed this subsidy in the month of November 2016.

The 33 beneficiary APMCs under this scheme are APMC Sangola, Gevrai, Beed, Pachora, Shrigonda, Phulambri, Rahata, Rahuri, Sillod, Ashti, Taloda, Indapur, Ramtek, Mul, Chandrapur, Lakhani, Nagpur, Shrirampur, Ahmednagar, Kalamb, Wani, Yeotmal, Kamthi, Nandgaon, Shahda, Sangli, Atpadi, Murum, Manora, Paithan, Murtizapur & Telhara.

Under this scheme, the Marketing Infrastructure Facilities such as Auction Hall, Fruit & Vegetable Sale Platforms, Drinking water storages, Compound wall, Godown, Drainage, Internal Roads, Commercial Shops, Drinking water Pipe lines, Main gate, Electrification, Auction Platforms, Farmers Recreation Hall etc. were created in these APMCs.

D) Technical scrutiny of proposals of Agricultural Produce Market Committees which is done during report year for loan demand / compliance / loan Utilization Certificates :-

(1) Buldhana, Dist. Buldhana, (2) Chandur railway, Dist. Amravati, (3) Gevrai, Dist. Beed, (4) Naigaon (Ba.) District Nanded, (5) Kamathi (Dist Nagpur, (6) Lakhani (District Bhandara, (7) Mouda (Nagpur) (8) Narkhed, Dist. Chandrapur, (9) Ramtek, Dist. Nagpur, (10) Indapur (Dist Pune) (11) Kurduvadi, Dist. Solapur, (12) Patoda, Dist. Beed, (13) Chandur railway, Dist. Beed, (14) Sakri, Dist. Dhule, (15) Taloda, Dist. Nandurbar, (16) Gevrai, Dist. Beed, (17) Kurduvadi, Dist. Solapur.



E) Computer (IT)

1. Marknet Project :

Marknet (Market Network) is network of computerized APMCs in the State. Objectives are to compile market arrivals, prices & dissemination of the same and bring the effectiveness and transparency in the functioning of APMCs, for benefit of the farmers. Computer set with internet facilities has been provided free of cost to 294 Main markets and 66 sub yards. Daily arrival and price data is being compiled through MSAMB website (www.msamb.com) and further disseminated. MSAMB email facility has been provided to all APMCs. The Correspondence and information exchange between MSAMB and APMCs is being made through email. This has reduce the time and expenditure required for exchanging information.

2. National Agriculture Market (eNAM) Scheme :

Govt. of India has started a National Agriculture Market (NAM) project for computerization of auction process (e-Auction) at APMCs. Under this project, the process of arrival till dispatch of agri. commodities at APMCs is being computerized as, in-gate entry, assaying of agri. produce, auction, weighment, billing, out-gate entry. Govt. of India has released Rs.9/- crore (@ Rs.30/- Lakh per APMC) for implementation of eNAM in the State. The expenditure more than Rs.30/- Lakh will be borne by APMCs. 29 APMCs have started Gate Entries and 5 APMCs have started eAuction process. Govt. of India has given in principle approval for additional 30 APMCs for implementation in the State in second phase.

3. eOffice (eFiling):

MSAMB has implemented eOffice at Head Office & all divisional offices. Clearance of daily correspondence and file is made compulsory through eFile system and files are sanctioned online. MSAMB office has become paperless as all correspondence and files are kept in digital form. eFile has brought effectiveness and transparency in filing process.

4. Data Center:

MSAMB has established independent Tier-3 data center at IT department. Website, mail service, database, ERP, eOffice, Computerized Auction System Software and all online applications are hosted in the data center. For internet 20 mbps leased line and 20 mbps broad band is functional in the data center. Data Center is operational 24 X 7.

5. ERP :

ERP and MIS have been implemented for automation of various activities of each department of Maharashtra State Agricultural Marketing Board (MSAMB) and National Institute of Post Harvest Technology (NIPHT). Compilation of information and generation of detailed and summary reports has become easy with the help of ERP.



6. Incentive Scheme for APMC computer operators :

Govt. of India is providing incentive of Rs.1000/- to the computer operators of APMCs for uploading daily price data on website for more than 20 days in a month, under Marketing Research and Information Network Scheme of DMI. Till date Rs.69.05/- Lakhs incentive has been distributed to computer operators of APMCs.

7. Statistical Information:

A database has been developed for the important annual statistical information of all APMCs in the State. This database is used for providing comparative statistical reports to the State and Central Govt. for decision making. Similarly, the information is provided to other institutes, companies, NGOs, individuals



F) Public Relations & Publicity

1) APMC Training :

MSAMB has organised training programmes for officers and employee's of APMC's at National Institute of Post Harvest Tehonology, Dist. Pune. During the period 01/04/2016 to 31/03/2017, training on General Green House was given to 63 Farmers from APMC's.

2) Krushi Panan Mitra :

MSAMB, Pune is publishing "Krushi Panan Mitra" magazine monthly. Annual subscription of this magazine is 200/- and 10 years subscription is Rs. 2000/-. MSAMB sends this magazine to subscribers, APMC's, A.R.s, D.D.R.s, Divisional Joint Registrar's, Taluka Kharedi Vikri Sangha, Phale and Bhajipala Utpadak Co.op.Soc, Superintending Agricultural Officers, Divisional Jt. Directors of Agriculture Dept, Divisional offices of MSAMB, District Co-operative Bank's,, Zilha Parishads, Directors of MSAMB, Ministers, Secretaries, Newspapers and Agricultural based magazine publishers every month. MSAMB aims to increase the number of subscribers.

"Krushi Panan Mitra" magazine covers subjects such as Agri. Production, Crop Protection technology in agriculture, conservation of water, processing industry, marketing and export, Central & State government schemes, post harvest technology, animal husbandry, dairy industry.

Month- wise circulation of Krishi Panan Mitra magazine is as follows-

Sr. No.	Month	Magazine distributed
1.	April 2016	18000
2.	May 2016	17087
3.	June 2016	18180
4.	July 2016	18000
5.	August 2016	14710
6.	September 2016	16763
7.	October 2016	16726
8.	November 2016	16119
9.	December 2016	15904
10.	January 2017	15821
11.	February 2017	14670
12.	March 2017	14354

In the year under report, there are about 3 lakhs readers. To enable increase in the subscription of the magazine among farmers and Agricultural Entrepreneurs it has been decided to commercialize it.



1. Calender 2017 & Dairy 2017 :

In the Year 2017 MSAMB has published a Calender and distributed it to APMC's through out Maharashtra, Government Offices and employees of MSAMB. This calendar is having information about the various initiatives of MSAMB.

2. Exhibition Participation:

In the year under report MSAMB participated in various exhibitions and has given the information regarding the various schemes, projects & programmes implemented by it. In addition to this Public Relations and Publicity Department tried to increase the subscribers of "Krushi Panan Mitra" magazine.

Sr.	Exhibition	Venue	Period
1.	Krushi Pundhari 2016	APMC, Pundharpur, Dist. Solapur	14 th to 19 th July 2016
2.	Sugar Cane Value Chain-Vision 2015	Vasantdada Sugar Institute, Manjari, Pune.	13 th to 15 th November 2016
3.	Krishi Audyogik and Pashupakshi Pradarshan	APMC, Karad	24 th to 28 th November 2016
4.	Agrovision 8 th	Reshim Baug Ground, Nagpur	11 th to 14 th December 2016
5.	Kisan 2016	Moshi, Pune	16 th to 20 th December 2016
6.	2 nd International Seminar	Maharashtra Economics So., MPKV., Rahuri Dis. A. Nagar	10 th and 11 th Feb. 2017
7.	National Pomegranate Seminar	Nisarg Mangal Karayalaya, Market Yard, Pune	18 th and 19 th March 2017

3. Financial Assistance For Exhibition, Seminar, Work Shop

Agricultural Universities, Department of Agriculture, Institute of Scientists, APMC from Maharashtra, Co-operative Societies working in the field of Agrl. Marketing requested for Financial Assistance from MSAMB to conduct Exhibition, Workshop, Seminar on Agrl. Marketing from time to time. Organizing training Programmes, Exhibitions, Work-Shops etc. related to Agrl. Marketing is one objective of MSAMB. For the successful implementation of this objective, it is necessary that financial assistance be given to other organizations doing such work. In the Board meeting No. 122 , dated 12/2/2016 , it has been resolved that 25 percent of proposed Expenditure or maximum Rs. 50,000/- whichever is less shall be given as financial assistance to Agricultural Universities/College , Department of Agriculture, Institute of Scientists, APMC from Maharashtra, Co-operative Societies, Government & Semi Govt. organizations working in the field of Agrl. Marketing for organizing Exhibition, Workshop, Seminar. The Managing Director has been given powers to take decision in this regard.

As per this Resolution, & with approval of Hon. Chairman and Board Of Directors, in the year 2016-2017 assistance has been given to various Institutions as per the below mentioned table :



Sr.	Name of Organization/Magazine	Subject	Amount Rs.
1.	Media Today	Krishi Pradarshan, H.A. Sports Ground, Pumpri, Pune	1,00,000/-
2.	APMC Pandharpur, Dis. Solapur	Krishi Pandhari 2016	50,000/-
3.	Bejo Sheetal Bayo Science Foundation, Jalana, Dis. Aurangabad	2 nd National Symposium in Edible Alliums : Challenges & future Stratagies for Sustainable Production	1,00,000/-
4.	Vasantdada Sugar Institute, Manjari, Nagpur	Sugar Cane Valu Chain – Vision 2015	3,55,000/-
5.	Agrovision , Nagpur	Agrovision 8 th	10,00,000/-

4. Advertise Of MSAMB :

Advertise of MSAMB has been published in Calendar of Post and Telecom Co-Op. Credit So., Ltd, Pune and below mentioned two Magazines. Due to this activities implemented by MSAMB can reach grass root level people and create awareness among them.

Sr.	Name of Institute/Magazine	Subject	Amount in Rs.
1.	Yoddha Shetakari Magazine	Special Issue	30000/-
2.	Udyog Prerna Magazine	Special Issue	2500/-
3.	The Pune Post & Telecom Co-Op. Credit So., Ltd, Pune	Post Calendar	9000/-

5. Publicity:

In the year under report MSAMB has conducted several workshops, seminars, press conferences on different issues and news of the same were published in various newspapers & also broadcasted through Akashwani, and telecasted through private channels & Doordarshan.

6. Publication of Articles :

MSAMB is always committed to disseminate knowledge related to agriculture marketing among the farming community. Articles specially related to agricultural are published in MSAMB's monthly magazine "Krushi Panan Mitra".

7. Participation in the programs of Aakashwani & Doordarshan Kendra :

MSAMB is the member of Pune Aakashwani's Rural Programme Advisory Committee. To disseminate the information related to MSAMB's programs, Schemes etc. as well as latest technology on cultivation/marketing practices among the farmers, MSAMB have undertaken several broadcasting programs on Aakashwani Kendra. Due to same, it is possible to share the information related to MSAMB's Schemes as well as the guidance in the field of agriculture among the farming community.



MSAMB is the member of Rural Programme Advisory Committee of Doordarshan Kendra Pune & Mumbai. Due to the membership, the participation of MSAMB in Doordarshan Kendra Programme has increased which is resulting in better transfer of Technology to grass root level.

In the year under report the bellow mentioned officers interviews have been broadcasted at Doordarshan Kendra at Pune & Mumbai.

Sr..	Officers Name & Designation	Subject	Date of Broad casting	Name of Doordarshan Centre
1.	Dr. Prashant Sonawane	Functions and challenges of APMC	07/06/2017	Krishi Darshan, Mumbai.
2.	Shree D. M. Sabale	Plant protection regarding agriculture export	17/07/2016	Krishi Darshan, Mumbai/phone in live
3.	Dr. Kishor Toshniwal Managing Director	Amendments in Agricultural Market Act	26/01/2017	Krishi Darshan, Mumbai/phone in live
4.	Dr. BhaskarPatil Assistant General Manager	Producer to Consumer	15/03/2017	Aamachi Mati Aamachi Manase/Mumbai

8. Library :

MSAMB has library facility at their head office located at Pune. Video collection of books on various subjects, issues, reports, CD's, project reports are available in the library and most of the readers are using this opportunity on large scale. Every year different books as well as monthly, trimonthly magazines on various subjects like agriculture marketing, exports published on national & international levels are being collected. Collection on books in the library is about 3,830 books. Necessary steps are being taken to upgrade the library more effectively by purchasing various newly published books.

15 new papers are available in the library daily for reading and subject wise cutting & collection work is being undertaken there in. Collection work of different information published in the daily newspapers/issues are available to the officials working in the MSAMB etc.

Membership for Maharashtra State Agricultural Marketing Board of various institutions like Marrhata Chamber Of Commerce etc., has been sought through Library Department.



G) Agri. Business Development

Agri Business Development section is trying to develop the direct marketing system in the State to reduce the chain of middlemen, which will help to improve the income of farmers and also helps to supply fresh vegetables at fair rate to the consumers. ABD section also trying to create new markets within the state as well as in the country.

Producer to consumer direct sale scheme:

Direct marketing is selling agricultural produce product directly to the consumer or end-user, rather than through a broker, distributor or wholesaler. Several factors have led to a growing consumer interest in purchasing directly from farmers: the desire for fresh, high-quality products; the ability to personally interact directly with farmers who grew/raised the food; and interest in supporting local, small farms. Availability of product information such as growing method, instructions about use, recipes, and taste samples also draw customers to direct-marketing outlets.

• **Mango Festival:**

The direct sale of alphonso mangoes from farmers to consumers is getting good response with assurance of quality and no cheating. The Maharashtra State Agriculture Marketing Board (MSAMB) has provided a direct marketing facility for farmers to sell mangoes to consumers without middlemen. In this financial year, 65 farmers from Devgad, Sindhudurg and Ratnagiri district have participated in the project through the MSAMB office. The project started in the month of March and within four months, farmers sold mangoes worth Rs 9 to 10 crore. This scheme started nine years ago and due to its popularity, it doesn't need any publicity. Through word of mouth, consumers rush to MSAMB to purchase mangoes every year. Mango festival was arranged at Balgandharva Rangamandir and at Yerawada Jail as well as in Karad, Solapur and Islampur city.

• **Orange Festival:**

In the month of March 2017 orange festival was organized by MSAMB with the help of APULKI social organization and TRANSCOOL at Balgandharva Rangamandir. About 15 orange growing farmers participated in the festival and the sold approx.2400 MT oranges.

Fruits and Grain Festival:

MSAMB arranges different seasonal fruit festival like Mango, Grapes, Pomegranates and Oranges in Maharashtra State. In these fruit festival farmers sale their agri. produce directly to the consumers. It benefits the farmers in terms of money. Through this festivals consumer gets fresh & naturally ripped fruits and farmers are getting 30 to 40 percent more monitory benefits. Some changes are made in this Fruits and Grain festival. Now this festival can be organized by APMC, Co.-operative societies related to agriculture and marketing, different departments of Govt., Organisations and Farmer Producer Companies.



For the marketing & advertisement of Fruits and Grain Festival sponsorer will be paid Rs.10,000/-. Sponsor will get Rs.2000/- subsidy per stall and need to build minimum of 10 & maximum of 50 stalls in the festival.

National Vegetable Initiative for Urban Cluster (NVIUC), under RKVY:

The Vegetable Initiative for Urban Cluster initiated with the objective of increasing the farmer's income and make available quality vegetables to consumers. MSAMB is working as a Nodal Agency to run this scheme in Mumbai, Pune & Nagpur city. There are 4 parameters under which the subsidy is available for the marketing of vegetables. 1) Motorized Vending Cart 2) Grading & Packing Unit 3) atmospheric Controlled Unit & 4) Static / mobile vending cart.

Dist. Supplying selected cities –

- **Mumbai** – Nashik, Pune, Raigad, Thane.
- **Pune** – Pune, Ahmadnagar, Satara, Sangli, Solapur
- **Nagpur** – Nagpur, Wardha, Bhandara, Chandrapur, Yawatmal, Amaravati, Gadchiroli.

Beneficiaries -

Vegetable producing Gat, Farmer's Producing Company, Small Business Salesman sponsored by Vegetable producing Gat, Individual / institution, cooperatives, private firm, Charity Trust, Self Help group, Public sector registered companies etc. NHM and Agri. Department transferred Rs.661.75 lakh to spend on different parameters of the scheme. The amount of Rs.225.00 lakh for Pune city is fully utilized. Unutilised amount of Nagpur and Mumbai city need to be spent.

Farmer's Weekly Market

Farmer's Weekly Market (Shetkari Aathwade Bazar) is a concept of direct marketing and selling of agricultural produce by producer farmers to end consumers at a particular place once in a week and is being implemented by Maharashtra State Agricultural Marketing Board (MSAMB) in Maharashtra. Currently, under the concept, a total of 122 such markets are running on a weekly basis across Maharashtra, out of which 53 are in Pune alone. Table below showing the FWM in the State ;

Sr. No.	Division	City	NO. Of FWM
1.	Pune	Pune	53
		Solapur	4
		Pune Div. Total	57
2.	Ratnagiri	Mumbai	30
		Navi Mumbai	7
		Thane	13
		Ratnagiri Div. Total	50
3.	Kolhapur	Kolhapur	5
4.	Nagpur	Nagpur	5
5.	Aurangabad	Aurangabad	4
6.	Nashik	Nashik	1
Total			122



Through these markets, with bypassing and elimination of the intermediaries, fresh agricultural produce reaches the end consumers in good shape and quality with minimum post-harvest handling. This results in better price realization for producer farmers and good quality produce to consumers at reasonably lower retail prices. Farmer Markets also help in rationalizing the prices of fruits and vegetables which often shoot up with intermediaries such as traders and commission agents making most of it while the farmers get skewed returns. This is the alternate marketing system made available to farmers. Government Rule is published by Marketing Dept. and circular is being issued by Urban Development Dept. on 12 August 2016 and 24 August 2016 respectively.

Salient features of the Farmer Weekly Market scheme as per the Government Rules dated August 12, 2016 are as enlisted below.

- MSAMB will act as the nodal agency for implementation of the scheme
- MSAMB will make available space for the Farmers weekly markets with due permission from Municipal Corporations, Municipal Councils and other Government Dept. agencies/institutions
- Only fresh fruits and vegetables will be sold in the Farmer Markets
- MSAMB will appoint a coordinator for operating every Farmer Weekly Market. These coordinators will be Farmer Producer Organizations or Cooperative Agricultural Marketing Organizations
- Regular audit of the coordinators shall be undertaken
- MSAMB will be responsible for arranging space and requisite temporary facilities in each identified market.
- MSAMB will be responsible for coordination between local organizations and coordinators for respective Farmer weekly Markets
- Farmer Weekly Markets will be held on appointed dates and timings.
- Market coordinators and MSAMB will be responsible for propagation and publicity of Farmer Weekly Markets
- In order to meet incidental expenses required for organizing Farmer Weekly Markets, coordinators will be authorized to charge fees as decided by MSAMB
- Agricultural produce of farmers, farmer groups, farmer producer companies, cooperative farmer producer organizations only can be sold to consumers directly in these weekly markets

Rules delineating responsibilities of nodal agency (MSAMB), coordinators of markets/ market operators and participating farmers/ farmer groups have also been formed. Major provisions under these rules are as follows.

- Nodal agency (MSAMB) will select a registered Farmer Producer Company, Growers Cooperative organization as market coordinator taking into account its registration date (older entities to get preference) and ability to ensure about 10 tons of fresh agricultural produce for each market on appointed market days.
- Nodal agency will make available space for the Farmer Weekly Markets with due permission from Municipal Corporations, Municipal Councils and other Government agencies/. Temporary sheds, weighing scales, erection of stalls and overall cleanliness and hygiene to be maintained at market place. Nodal agency



will nominate a coordinating officer for each market and publish the same on the website of MSAMB.

- Coordinators will furnish details of participating seller members (including 7/12) and type of agro produce to be sold in the weekly markets. Coordinators will ensure that agro produce of registered members will only be sold in Farmers weekly markets. Each seller will display the ID card issued by MSAMB. All participating sellers will need prior permission of MSAMB.
- Space in weekly markets will be provided by coordinators on equitable basis to participating sellers and coordinators will have the authority to change the location wither on the basis of first come first serve or on rotation basis or by draw of lots.
- Coordinators will provide details of income expenditure of each weekly market to MSAMB. Coordinators will be responsible for the orderly conduct of the market and resolution of disputes amongst sellers and buyers. Identity of sellers (Name and Mobile Number) will prominently be displayed on all stalls. MSAMB will have right to withdraw permission given to a coordinator, if it's found that the coordinator is harming the very idea of weekly markets.
- Coordinators will receive suggestions/grievances from all stakeholders and consider/resolve the same in consultation with MSAMB.
- Participators sellers will be responsible for overall cleanliness/hygiene at tent stalls and will remove and wastage/garbage from the market site after market is over.
- Electronic weighing scale is must for all sellers.
- Sellers will be allowed to sell only good quality agro produce in the Farmer Weekly Markets. Unripe/overripe/pest affected produce will not be allowed to be sold.
- Only cash transactions will be allowed in the Farmer Markets. If any seller provides credit to a consumer, it will be at his risk and coordinator/MSAMB will not be responsible for the same.

In one Farmer's Weekly Market approx. Rs.15 to 20 lakh transaction takes place. To run these markets in the state guidelines have been prepared.

Training To the Farmers -

MSAMB is providing training to the farmers regarding FWM. As on today traing to 70 farmers is give, details are as below ;

Sr. No.	Division	City	No. of Trainee
1.	Nagpur	Nagpur	15
		Wardha	10
2.	Aurangabad	Aurangabad	25
3.	Amaravati	Akola	10
		Telhara	10
Total			70



H) Talegaon Farm

MSAMB, have Agriculture Division usually called as Talegaon Sheti and holding about 150 Acres of farm land. This land is divided in two sections namely Main Farm just near to Talegaon town and Gilbil Patti is close to Mumbai-Pune Express way.

1. Details of Gilbil Patti Farm Land ;

Sr.	Particulars	Area (in Acre)
1.	National Institute of Post Harvest Technology	28.00
2.	Post Graduate Institute of Agri Business Management College and Export Facility Center	1.00
3.	Area under fruit crops (Mango, Guava etc.)	12.00
4.	Roads, Building, Nala and Follow land	9.00
	Total Area	50.00

Fruit Orchard:

The fruit trees namely Mango-154,Guava-650,Coconut-32,and Aonla-40 are in existence. Among these the Guava and Mango are leased for 5 years and the lease amount of Rs.6,43,877 is received.

2. Main Farm Land:

Sr.	Particulars	Area(in Acre)
1.	Cultivable Land	30.00
2.	Land under the lake(approx area under the water 27-28 acres)	41.00
3.	Fisheries	1.00
4.	Roads, Building, Nala, Fish tank and Judicial Matters	28.00
	Total Area	100.00

On the main farm the lake area (sr.no.2) is leased to Maval Taluka Fisheries Co-op society, Talegaon for 5 years. The lease amount of Rs.56,000 for the year 2016-17(4th year) has been received from the society. While the 2 tanks admeasuring 1 acre (sr.no.3) are leased to Mr. Sikilkar, Talegaon for five years and an amount of Rs.32,000 has been received for the year 2016-17.

Earlier the main farm was under the cultivation, and crops like Sugarcane, Paddy, Soyabean were grown. Presently the issues like Reservation by Talegaon Nagarparishad (DP road Somatane to Talegaon),Waste water flowing in lake and Compound to Main farm due to which the farm is not under cultivation from last 5 years. Regarding waste water the matter has communicated to Talegaon Nagarparishad. To bring the land under the cultivation the work like repairs of water pipe line and compound work is kept before the Board of Directors for approval. Presently work under the process.



6) Other Projects

Convergence of Agricultural Interventions in Maharashtra (CAIM)

Convergence of Agricultural Interventions in Maharashtra's (CAIM) Distressed Districts programme (CAIM) is an exclusive programme for the poor farmers of the Vidarbha region. CAIM programme is assisted by International Fund for Agricultural Development (IFAD) and Sir Ratan Tata Trust (SRTT). This programme is being implemented in six distressed districts of western Vidarbha i.e. Amravati, Akola, Buldhana, Washim, Wardha and Yavatmal. Targeted Beneficiaries of Project are 2,86,000 families

The programme envisages targeting about 1606 villages of 64 clusters from six districts through various community mobilization activities, women empowerment Programs, Soil and Water Conservation practices, sustainable agriculture development, diversification of cropping patterns, markets and value chain development etc.

Programme Goal:

The overall goal of the programme is to contribute to the development of resilient production, sustainable and diversified households activities both on-farm and off-farm for livelihoods. Thus strengthening household capacity to face production and market challenges without falling back into poverty and distress

Objectives:

- To Achieve Convergence Of Government Programs And Resources.
- To Empower Women Through Micro-finance And Micro-enterprises.
- To Facilitate Farmers' Involvement In Primary Processing, Quality Enhancement And Marketing.
- To Encourage Sustainable Agriculture: Soil And Water Conservation, LEISA, Organic Farming
- To Improve Household Incomes

Beneficiaries:

- Small & Marginal Farmers
- BPL, SC/ST
- Farmers under agrarian distress
- Landless Household
- Rural Women

Project Components:

Component 1- Institutional Capacity Development & Partnerships
SHG & CMRC

Component 2- Marketing Linkages & Sustainable Agriculture

- a. Sustainable Agriculture
- b. Soil & Water Conservation
- c. Market Linkage & SME Development
- d. Livestock Development



Component 3- Programme Management

Achievements during 2016-17

- 980 SHGs have been formed & 302 SHGs were adopted.
- 2342 SHGs have been linked with bank for different livelihood activities.
- 5002 Ultra poor families have been received financial support for small business.
- 446 Farmer Groups/ JLGs have been formed.
- 19201 BCI Learning Groups have been formed.
- 24 producer companies have been established.
- 23 Agro Service Centers have been established.
- 33 Milk Collection Centers have been established.
- 10 Soil Testing Labs have been established.
- 23 Common Facility Centers have been established.
- 2,71,112 ha. Covered under in-situ water conservation.
- 288 Farm ponds have been completed.
- 28 Nala Deepening has been completed.
- 55 New CNB constructed.
- 157 CNB desilting has been completed.
- 267 Well Recharge has been completed.
- 1319 irrigation equipment has been distributed.
- 95311 farmers undergone sustainable agriculture training & BCI practices.
- project covered 69925 cotton growing farmers under Better Cotton Initiative (BCI) covering 82730 ha.
- Market linkage -36 market linkage has been done for 2262 farmers and 1619.6 ha
- LEISA techniques & BCI practices applied on 1.20 Lac Ha
- 12013 soil samples have been tested.
- Promoted for preparation of 1196 Biodynamic Compost units.
- Project Supported for 58 Shed net Units.
- 6 Honey Bee Boxes have been promoted for better pollination in Onion seed plot.
- Collective Input Purchase - 7278 tons gypsum has been distributed to farmers.
- 2262 farmers associated for Contract Farming of Soya bean Seed Production - 600.85 ha, Cotton Seed Production - 79.33 ha, gram Seed Production – 410.65 ha, Maize Seed Production - 2.5 ha, Moong/ Udid Seed Production - 80 ha, okra Seed Production - 13.4 ha, onion Seed Production - 120.20 ha, Capsicum - 0.8 ha, Tur - 311 ha.
- 11 new Mini Dal mills are established.
- Farm Implement Bank- 3 BBF planters have been procured.
- 12 Rotavator, 3 Spiral Separator, and 14 farm equipments have established by the project.
- 872 households' dairy, 1018 goat units, 1528 poultry units and 18 fishery units have been established in this year.
- Project Supported for Fodder Development on 665 ha.
- Training of 11692 livestock producers have been conducted.



- Skill based vocational training to 1677 youth.
- Project has started quarterly magazine 'krushsamrudhhi' from June 2016.
- Project instituted awards for best performing farmers. These awards have been given to 55 farmers of Akola & Wardha district.
- Workshop on cashless transaction had been conducted in each district.

Participation in Exhibition:

Krushvi Vikas Exhibition Amravati-

- 10th to 13th April 2016
- 56 SHGs Participated
- Business transacted Rs 6.19 Lacs

Agro vision Exhibition, Nagpur

- 12th to 14th November 2016
- 10 SHGs & 3 CMRCs Participated

Agriteck Exhibition, Akola

- 27th to 29th Dec 2016
- 1 FPO & 1 SHG Participated
- Business transacted Rs 50,000

Krushvi Vasant Exhibition, Akola

- 27th to 30th Jan 2017
- 2 FPOs & 5 SHGs Participated
- Business transacted Rs 1.85 Lacs

Workshops

1. Workshop on Self Employment - 8th July 2016
2. Knowledge Management Workshop - 21st Oct. 2016
3. Workshop on Sustainable Agriculture & Self Employment - 25th Nov. 2016
4. Workshop on Textile Art & Craft, Block Print & Fashion Design - 15th to 24th Nov. 2016.



Maharashtra Agricultural Competitiveness Project (MACP)

1. The project development objective of MACP is to “increase productivity, profitability and market access of the farming community in Maharashtra”.
2. The total project cost is Rs.708.20 crores (Govt. Share Rs.52.05 Cr–7.19%, WB Share Rs.464.30 Cr.-65.36% and Beneficiaries Share-Rs.191.85 Cr–27.45%).The details of the project target &expenditure are as follows:(Rs. Crores)

Sr. No.	Component (MACP)	PAD Estim (in Cr.)	%	Project till date Expenditure (02/11/2009 to 31/03/2017)			% Against PAD
				Project Expenditure	Benefi- Contribution	Total	
A	Intensification and Diversification of Market Led Production	146.91	21%	121.99	0.93	122.93	83%
B1	Promoting Alternative Markets	233.55	33%	145.53	19.78	165.31	73%
B2	Modernizing Existing Markets	255.59	36%	84.25	79.02	163.27	70%
B	Improving Farmer Access to Markets	489.14	69%	229.78	98.81	328.59	72%
C	Project Management	76.08	11%	66.45	0.00	66.45	87%
Total	Total Expenditure Cost	712.13	100%	418.23	99.74	517.97	77%

3. Institutional Strengthening of Market Led Agricultural Technology Transfer is being achieved through strengthening of ATMAs, FIACs, HPTI & VANAMETI. District level ATMAs have been provided with necessary IT equipment's such as computers, Laptops, etc. to speed up the work. Totally 66 FIACs (2 each district) have also provided with certain infrastructure & IT equipment's including LCD Projector, poster etc. and they are active in providing bringing awareness and providing technical knowledge to farming community of the district. Various sensitization and orientation workshops have been organized at district & state level for officers directly involved in implementation. . Certain thematic & technical workshops for the line department officers & officers directly involved in project were organized at specified state level training Institutes which are strengthened under Project. The process of mobilization of CIGs/ FIGs have been completed with formation of 12693 farmer groups. Further these groups are converted into Farmer Producer Companies (FPCs) and activity of FCSC formation is geared up. Till date 405 Farmer Producer Companies are registered under the project. The business plans of 371 PCs are approved by the project, while 17 PCs works are completed and 294 PCs works are ongoing. The other activities such as crop demonstrations, post harvest technology management demos, innovative pilots, EDPs & PPP models have been implemented on large scale and the impact assessment is done on regular basis to bring necessary improvements.



4. Preparation & Implementation of Production & Marketing Strategies focuses on preparation of MSS for all 33 districts covered under project, organizing Buyer-Seller Meets, implementation of entrepreneurship development program, strengthening of growers associations etc. were implemented during the period.
5. M/s. Grant Thornton has been appointed as Consultant for Agri-business Promotion Facility (ABPF) which expanded their activities including organizing workshops for FPOs, developing bankable business plans for FCSCs formed by the project, handholding support activities, preparation of business plans under EDP of the project, developing project related material & publications etc. have been completed by the agency.
6. The Project established Center for Indian Agricultural Marketing intelligence (CIAMI) in April 2016 with an objectives to provide price forecasts before sowing and during harvesting of selected agricultural commodities. The Centre has initiated work on Maize, Tur, Soybean, Onion and Tomato. Forecasts published are found in line with actual market prices.
7. Under the Livestock Support Services component of the Project, besides development of Livestock Markets & Small Ruminant Markets, various field level activities & programs have been implemented. The Animal Health Camps, crop demonstrations etc. were implemented on large scale in 18 districts covered under Project. In Ahmednagar district project has promoted Small Ruminant Federation by forming 150 groups, conducted capacity building activities for their members and have distributed quality breeding bucks. Various project activities are implemented in coordination with District Deputy Commissioner and ATMA of the district. Similarly in Yavatmal and Beed districts, under Goat as High Value Enterprise goat demo units have set up, undertakings fodder crop demos, conducting training for demo farmers & distribution of quality breeding bucks & chaff cutters have been successfully completed.
8. The project recognizes a strong need of the alternative markets in near future, and, hence, the project related interventions related to Warehouse Receipts Development, Farmers Common Service Centers and strengthening of Rural Haats are being implemented speedily. As on date works of 391 RHs have been completed. The civil works of 09 RHs is in progress.
9. Repairs of 112 MSWC warehouses, and procurement of lab equipment's for all 40 MSWC RHs has been completed. Till date 52,820 farmers warehouse receipts are generated, 3,68,106 MT of food grains stored & Rs. 265 crores worth of warehouse receipts availed.
10. The strengthening of existing wholesale markets and livestock markets for improving their efficiency requires a high degree of ownership & participation for implementation of Market Modernization & Implementation Plan (MMIP). In view of this, the project has undertaken capacity building activities for the



officials of APMCs. The out - of state exposure visits have been organized to create awareness among the stakeholders about the MMIP.

11. In all the phases (1, 2 & 3) the civil works in 58 APMCs and 20 LSMs is completed. The work is in progress in 23 APMCs & 04 LSMs in different stages.
12. Market Information Display (MIDs) has been installed in 150 APMCs. Similarly, in 25 APMCs Computerized Auction System (CAS) is being implemented. In 05 APMCs Computerized Auction System is being initiated. Standardized Accounting System (SAS) through Tally software is being undertaken in all 301 APMCs in the State.
13. The project management has been achieved through regular progress monitoring, ensuring Environmental & Social Framework (ESMF) framework, budgetary control, and bringing system for Governance and Accountability Action Plan (GAAP) in place.
14. The Project Team expresses deep gratitude towards World Bank team and Hon. Principal Secretary (Agril. & Marketing), Govt. of Maharashtra for their continuous support and guidance.



Asian Development Bank Assisted Agribusiness Infrastructure Development Investment Program (AIDIP)

The Agribusiness Infrastructure Development Investment Program (AIDIP) is a Project of Government of Maharashtra (GoM), proposed to be implemented under Public-Private-Partnership (PPP) framework. GoM has proposed to avail loans amounting \$ 85 million from Asian Development Bank (ADB) to fund the viability gap under the proposed project. In this project, private entrepreneur is supposed to invest at least 65% of project cost and remaining 35% of cost is to be contributed by ADB and the State Government in the ratio of 80:20 respectively. ADB funds will flow in the form of loan to the State Government, to which Government of India (GoI) will act as a guarantor.

Department of Cooperation, Marketing and Textiles, Government of Maharashtra, is the Executing Agency (EA) for the project and Maharashtra State Agricultural Marketing Board (MSAMB) is Implementing Agency (IA).

1. AIDIP is aimed at addressing three main constraints to agriculture growth – i) outdated technologies; ii) lack of public investment in basic infrastructure and iii) limited crop diversification. With the help of Integrated Value Chain (IVC) approach, the program targets improving physical and institutional linkages along agricultural value chains through creation of agribusiness market infrastructure; provision of support infrastructure like last mile roads, power, water, systems relating to market intelligence, and capacity building and strengthening/establishing value chain linkages.
2. The intent of the program is to achieve accelerated investment in agriculture and to support related infrastructure in rural areas, along the Integrated Value Chains. The interventions intends to target several or all of the following:
 - a) Aggregation facilities
 - b) Sorting, grading, packaging
 - c) Storage (ambient and controlled temperature)
 - d) Value addition and market intelligence
 - e) Distribution facilities including logistics
 - f) Value chains for end-to-end linkages
3. Project interventions have been configured in Hub and Spoke model in such a way that commodities grown in a geographic region of identified value chains could be collected as close to the field as possible for preservation and enhancement of value.

In the first phase two IVCs were to be established as a pilot project in the -

- Nashik Region – (Estimated project cost Rs. 72 cr.)
- Aurangabad-Amravati Region - (Estimated project cost Rs. 27 cores)
- It is expected that approximately 13-15 IVCs shall be established across the state by the completion of the project.



4. Capacity Building –

Japan fund for Poverty Reduction (JFPR) has provided grants through ADB to implement “Improving Small Farmers Access to Market in Maharashtra”. Farmers/producers growing the focus crops in IVC areas are to be organized into groups and federated in Producer Companies to strengthen backward linkage. In this project, more than 20,000 farmers are to be trained in first two IVCs.

5. Major benefits from the project are -

- Better price realization to the farmers.
- Reduction of wastage.
- Employment generation.
- Better quality agri-produce reaching the consumer with enhanced shelf life.
- Improved handling, packaging and storage.
- Enhanced capacities and skills of stakeholders.

Activities Completed:

- For effective implementation of AIDIP Project, an independent Project Management Unit (PMU) has been established under Maharashtra State Agricultural Marketing Board (MSAMB).
- For selection of concessioners for Nashik and Aurangabad-Amravati region IVCs, based on inputs received from interested investors during Pre-bid meetings, RfQ documents were modified and last date for submission of RfQ was extended to attract more investors. In due period total five applicants submitted their RfQ proposals for each IVC. However, the bid process was canceled as none of the investors submitted their detailed proposal.
- Empowered Committee on Agricultural Marketing (ECAM), chaired by Hon. Chief Secretary, Maharashtra State in its meeting held on 27th March, 2014 approved changes in project structure. This includes major changes like permission to use of private land for project development, increasing concession period to 25 years instead of 20 years, allowing bidding for individual spoke instead of entire value chain etc.
- In order to disseminate the changes in project structure among the investors and to understand the investor’s perspective in developing agriculture post harvest infrastructure, to understand the critical factors and to augment the private sector participation in agriculture infrastructure, following this, apropos to the suggestion of Dept. of Economic Affairs (DEA), MoF, GoI, Government of Maharashtra and Asian Development Bank (ADB) organized an interactive Roadshow on 17th April 2015 at Nagpur, on 18th April 2015 at Pune and on 28th April 2015 at Aurangabad which were attended by Government officials, ADB and PMU representatives, sector experts and representatives of probable investing companies.
- As per the changes approved by ECAM under the chairmanship of Hon. Chief Secretary, GoM, feedbacks received from Roadshows, consultation with state PPP expert and consultants appointed for AIDIP project, revised bid documents



were prepared for Nashik and Aurangabad-Amravati IVCs. Department of Co-operation, Marketing & Textiles validated the same on 23rd October 2015.

- Revised bids for IVC 1 & 2 were published on 27th October, 2015 in two English and one Marathi Newspaper and on Mahatenders and MSAMB's website.
- Last date for submission of the bids was 16th January, 2016. At the end of this period, one proposal each for Paithan and Jalna locations was received. These proposals were evaluated by the PMU for responsiveness and were found to be non-responsive as required documents were not submitted by the bidders. The PMU has therefore completed and closed the bid process without selection of a concessionaire for any location or IVC.
- MFF-0045 is closing in December 2017. A proposal to extend the MFF till December 2020 is submitted by the State Government to the Dept. of Economic Affairs, Ministry of Finance, Government of India on 18th November 2016 and 15th April 2017.
- Bid process for the four IVCs in second phase of the project was to be conducted as per the revised bid process and option to use private land. However, considering that the MFF is closing in December 2017 and can be extended maximum upto December 2020, time left for implementation is not adequate. It is therefore proposed to spend the balance amount in the whole state in a single phase.
- Banking on the experiences gained while implementing the ADB assisted AIDIP in the state and taking some cues from the scheme for development of integrated cold chain being implemented by the Ministry of Food Processing Industries, Govt. of India, a project designed within the contours of agreement signed with ADB can attract good response of investors and be successfully implemented in the state. A revised plan is prepared based on this, highlights of which are as follows –

Components of the Revised Design -

A) Farm Level Infrastructure - collection and primary processing facility, situated in the catchment area of the targeted produce.

B) Distribution hub - This shall have a modern multi-product, multi-temperature cold storage. It may also include one or more of the facilities mentioned above depending upon the business plan of the project.

C) Reefer Transport - Refrigerated vans/ refrigerated trucks/ insulated vans/mobile insulated tankers.

D) Processing Units – Frozen processing, aseptic processing, IQF etc.

- This revised design is submitted to the Asian Development Bank for approval. It is proposed to implement the project as per the revised design in the state.
