

Maharashtra State Agricultural Marketing Board



Annual Report : Year 2015-2016



INDEX

Sr.No	Details	Page No.
1	MSAMB	3-5
2	Board of Directors	6
3	Management	7-9
4	Financial Position	10-12
5	<i>Other Department</i>	
	A) APMC	13-16
	B) Export	17-23
	C) Project	24-27
	D) Engineering	28-34
	E) Information Technology (IT)	35-36
	F) Public Relations & Publicity	37-42
	G) Agri. Business Development	43-46
	H) Talegaon Farm	47
6	<i>Other Projects</i>	
	1) CAIM	48-51
	2) MACP	52-54
	3) AIDIP	55-57



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 32 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 32 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. Arrange the foreign study tours of the progressive farmers.
5. Computerization of action process & office activities of APMCs.
6. Software development and implementation for various activities of State Marketing Board, Directorate of Marketing & APMCs.
7. To arrange and organize the Seminars, Workshops, Training programs, etc. for officials & non officials of APMC's. on the subjects related to Agril Marketing.
8. 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.
9. To participate in & organise various exhibitions related to agriculture & Agril Marketing.
10. To give financial assistance at low interest rate to APMCs for implementing the agricultural produce pledge finance scheme.
11. 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.
12. To study the potentialities for setting up various agro based industries in the State and to prepare the detailed project reports for the same.
13. Implement new techniques in farming on Talegaon Land..
14. To utilize V.H.T. plant and other supporting infrastructure facilities for the farmers, exporters & etc.
15. To help and guide the APMCs for getting the benefit of various State and Central Government schemes.
16. To guide the market committees for arranging their study tours in various parts of the country.
17. Publication & distribution of "Krushi Panan Mitra" Magazine & follow up for increasing the subscribers.
18. To promote various Organization to implement "Farmers to consumer" scheme in various cities in the state.
19. To give due publicity to the various schemes of Marketing Board for the benefit of APMC, Farmers, Farmers organization etc.
20. To conduct soil testing & give training to farmers at National Institute of Post Harvest Technology, Talegaon.
21. To give training to the staff of the Marketing Board.



22. To Set up Export Facility Centres in the States.
23. Organise training programmes efficiently at HTC & formulate new programmes regarding new techniques.
24. To Implement direct farmer to consumer scheme and work for its publicity and propaganda.
25. To prepare informative booklet on Agricultural Marketing.
26. To prepare Business Development Plans of the APMCs in the State.
27. To set up infrastructure for Agriculture Marketing under the RKVY scheme.
28. To develop the facility under the scheme of RKVY to APMC's from Nakshalgrast Division.
29. To develop Brands of Agricultural produce.
30. To include the 30 Market Committies in National Agriculture Market Project. (NAM)
31. To use Common Accounting System to all market Committies from Maharashtra.
32. Under the scheme of Producer to Consumer to implement the "Farmers Weekly Market" mission
33. To advise, help and guide to Farmer Producer Company for marketing of agriculture produce.
34. To promote domestic trade through Farmer Producer Company without stakeholder.
35. To develop market linkage with Exporter, Farmers, Farmers Group and Company for export promotion and to guide.
36. To encourage the exporter for " Horticulture Export Training Programme"
37. To arrange the various training programme with NIAM-Jaipur, Manage-Hyderabad, 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.	Hon'ble Shri. Chandrakant (Dada) Bachhu Patil Minister of Co-Operation, Marketing & Textile, Public Works (Excluding Public Undertakings)	Chairman
2.	Hon'ble Shri. Ram Shinde Hon. State Minister of Home (Rural), Marketing, Public Health & Tourism	Vice-Chairman
3.	Hon'ble Shri. Diliprao Mohite Patil, MLA Hon. Chairman, Maharashtra State Market Committee's Co-operative Federation Ltd., Pune	Member
4.	Shri. Chandrakant Dalvi Comissioner of Co-operation, Maharashtra State, Pune	Member
5.	Shri. Vikas Deshmukh (IAS) Comissioner of Agriculture, Maharashtra State, Pune (Up to Jan. 2015)	Member
6.	Shri. Bhavesh Kumar Joshi Deputy Agricultural Marketing Advisor, Representative of Agri. Marketing ,	Member
7.	Representative of National Bank of Agriculture and Rural Development (NABARD)	Member
8.	Adv. Sudhir Daulatchand Kothari Chairman, A.P.M.C., Hinganghat, Dist. Wardha and Member, MSAMB, Pune	Member
9.	Shri. Tatyasaheb Dagdu Hule Chairman, A.P.M.C., Patoda, Dist. Beed	Member
10.	Shri. Dinesh Oulkar Director of Agriculture Marketing (01/04/2015 to 21/05/2015) Dr. Kishor Toshniwal Director of Agriculture Marketing	Member
11.	Shri. Milind Akre Managing Director, MSAMB (From 03/08/2013)	Member



3. Management

Sr.No	Name of Officer & Designation	Period	Section
1.	Shri. Milind Akre	----	Managing Director
2.	Shri. Milind Akre	----	General Manager
3.	Shri. P.A.Ashtekar, DGM Dr. B. N. Patil, DGM I.C. Dr. Prashant Sonawane, DGM	Up to 01/06/2015 Up to 09/06/2015 From 10/06/2015	Apmc/BDP
4.	Shri. O.V.Nila, DGM		Engineering
5.	Smt. Poonam Mehta DGM Dr. Prashant Sonawane, DGM	Up to 30/09/2015 From 21/10/2015	ADMIN/Project/Export
6.	Shri. Jitendra V Kolambe	From 27/04/2015	Fin. And Account
7.	Dr. B. N. Patil Assistant General Manager Principal	----	Agriculture Business Development & PRO P.G.C.A.B.M., Talegaon Dabhade.
8.	Shri. M. L. Lokhande, Assistant General Manger	----	Computer
9.	Shri. D.M.Sable, Assistant General Manager,	Up to 23/06/2015 From 24/06/2015	Project & Administration Export & V.H.T.
10.	Smt. S.A.Tambhale, Law Officer, Manager,	----	Law & PRO
11.	Shri. J.M.Kokane, Manager	-----	Fin. And Account
12.	Smt. S.P. Raut, Manager	----	MACP
13.	Shri. A.P. Patil, Manager	Up to 10/06/2015	ADB
14.	Shri. J.J. Jadhav, Manager Shri. S. P. Bajare, Manager	Up to 10/06/2015 From 11/06/2015	Engg.
15.	Shri. B.G. Katore, Manager	-----	APMC
16.	Shri K.S. Phatangare, Manager	-----	Computer
17.	Shri V.V. Jagadale, Manager	-----	Computer
18.	Smt. S.S. Anturkar, Manager	-----	Account
19.	Shri S.R. Ghatage, Manager	-----	MACP
20.	Shri S.D. Meherkar, Manager	-----	Sheti (Talegaon)
21.	Shri. D. S. Patil ,Manager Shri. P. D. Tekale, Manager Shri. A..A. Autade, Manager	Up to 24/06/2015 From 25/06/2015 From 05/06/2015	Admin Admin B D P



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

Sr.No	Name of Officer	Period	Division
1.	Shri. A. N Deshmukh, DGM Shri. D. D. Deshmukh, DGM Shri. S. U. Shirapurkar, DGM Dr. Ashok S. Gardi, DGM	Up to 08/06/2015 Up to 29/12/2015 Up to 19/01/2016 From 19/01/2016	Pune
2.	Shri. C.M. Bari, DGM	----	Nasik
3.	Shri.S. L. Gholkar, DGM Shri. M. D. Barde, DGM. Ku. Shubhangi Gond, DGM	Up to 07/05/2015 Up to 31/12/2015 From 01/01/2016	Latur
4.	Shri. N.S.Chavan, DGM Shri A. J. Virkar, DGM Shri. M. U. Rathod	Up to 24/06/2015 Up to 04/02/2016 From 05/02/2016	Amravati
5.	Shri.S.P.Kamble, DGM Shri M.S.Gavale, DGM. Shri.Shachin Bimrao Ghodke, DGM	Up to 24/06/2015 Up to 06/08/2015 From 07/08/2015	Nagpur
6.	Shri. Mangesh Survase, DGM Shri. G. C. Wagh, DGM. Shri, M.N. Salunke-Patil, DGM	Up to 20/10/2015 Up to 25/11/2015 From 26/11/2015	Aurangabad
7.	Smt. P.D.Burande, DGM	-----	Ratnagiri
8.	Shri Subhash Ghule, , DGM. Shri. Sampat T. Gunjal, DGM	Up to 13/01/2016 From 14/01/2016	Kolhapur
9.	Shri. Surendra M. Tambe, DGM (Administrative Officer)	From 14/01/2016	P.G.C.A.B.M., Talegaon Dabhade.
10.	Shri D.D. Deshmukh, Assistant General Manager	-----	Pune
11.	Shri M.P.Pawar, Assistant General Manager	-----	B.D.P./ Project
12.	Shri. N.B. Patil, Assistant General Manager	-----	Div. Office Nasik
13.	Shri M.D. Barade, Assistant General Manager	-----	Div. Office Latur
14.	Shri A.J. Virkar, DAMO /Manager	-----	Amrawati
15.	Shri A.J. Pawar, DAMO /Manager	-----	Kolhapur
16.	Shri S.P. Bajare, DAMO /Manager Shri. R.K. Junghare, DAMO	Up to 09/06/2015 From 10/06/2016	Buldhana
17.	Shri D.M. Daga, DAMO /Manager	-----	Hingoli
18.	Shri G.C. Wagh, DAMO /Manager	-----	Aurangabad
19.	Shri T.S. Nangare, DAMO /Manager	-----	Sangli
20.	Shri M.D. Gambhirao, DAMO /Manager	-----	Thane/Mumbai/Palghar

Maharashtra State Agricultural Marketing Board, Pune
Annual Report, Year 2015-2016



Sr.No	Name of Officer	Period	Division
21.	Shri S.S.. Gavale, DAMO /Manager	-----	Akola/Washim
22.	Shri S.S. Sonawane, DAMO/Manager	-----	Nandurbar
23.	Shri A.A. Autade, DAMO/Manager	Up to 04/06/2015	Gondiya/Bhandara
24.	Shri M.K. Phale, DAMO/Manager	-----	Ratnagiri/Sindhudurga/ Raigad
25.	Shri S.D. Waghmode, /Manager	-----	Solapur
26.	Shri A.J. Kudale, DAMO	-----	Pune
27.	Shri A.K. Nadare, DAMO	-----	Jalana
28.	Shri S.V. Mane, DAMO Shri. A.B. Heshi, DAMO	Up to 08/06/2015 From 09/06/2015	Satara
29.	Shri. B. C. Deshmukh, DAMO	Up to 03/08/2015 From 10/08/2015	Nasik Wardha
30.	Shri. Shailesh Jadhav, DAMO	-----	Beed
31.	Shri. P.D. Tekale, DAMO Shri.S. T. Shelke, DAMO	Up to 06/06/2015 From 07/06/2015	Latur
32.	Shri. G.D. Patil, DAMO	-----	Osmanabad
33.	Shri J.B. Rakhonde, DAMO	-----	Parbhani
34.	Shri. S.P. Kale, DAMO	-----	Gadchiroli/Nagpur
35.	Dr. K. S. Tupe, DAMO	Up to 05/06/2015	Wardha
36.	Shri. S. T. Shelke, DAMO	Up to 05/06/2015 From 06/06/2015	Chandrapur Latur
37.	Shri. J.B. Jagtap, DAMO	-----	Thane/Raigad
38.	Shri S. S. Patil, DAMO	-----	Dhule
39.	Shri. F.F. Sidhdhiqi, DAMO	-----	Nanded
40.	Shri. J. B. Jagtap, DAMO	Up to 24/07/2015 From 31/07/2015	Thane Nasik
41.	Shri. J.N. Shinde, DAMO	From 16/06/2015	Jalgaon



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 31.3.2016

(Rs.in Crores)

Sr.No.	Liabilities	Amount	Assets	Amount
1	Marketing Fund	368.59	Fixed & Current Assets	148.18
2	Bank OD	0.00	Investments	224.30
3	Current Liabilities	25.87	Cash & Bank Balance	8.16
4	Subsidy (APEDA & Other)	44.24	Closing Inventory	0.02
5	Marketing Extension Fund	7.33	Loans & Other Advances	13.12
6	Onion Export Development Extension Fund	46.79	Marketing Board Income Tax	15.29
7	RKVY Scheme Fund	3.70	Current Assets	108.81
8	Provisions	21.36		
	Total	517.88	Total	517.88

Income & Expenditure as on 31.03.2016

(Rs. In Crores)

No.	Expenditure	Amount	Income	Amount
1	Establishment Expenses	11.08	Interest received on loans provided to APMC & Other	3.09
2	Administrative Expenses	2.3	Interest received on Investments	16.23
3	Export Promotion	0.96	Project Consultancy Fee	0.02
4	Development and Projects	0.07	Cold Storage Income	1.17
5	Depreciation	5.80	Krishi Panan Mitra (Contribution)	0.23
6	Provisions	1.53	Other Income	1.00
	Total	21.74	Total	21.74



BUDGET FOR THE YEAR 2016-2017

IN FLOW

(Rs. In Crores)

No.	Particulars	Amount	Percentage %
1	Contribution	35.00	31.38
2	Loan recovery	30.00	26.90
3	Interest on loans	5.00	4.48
4	Interest on investments	20.00	17.93
5	Deposit Term Loan	5.00	4.48
6	Facility Center Income	3.50	3.14
7	Loans & Advances recovery	10.45	9.37
8	Other	2.57	2.30
	Total	111.52	100.00

OUT FLOW

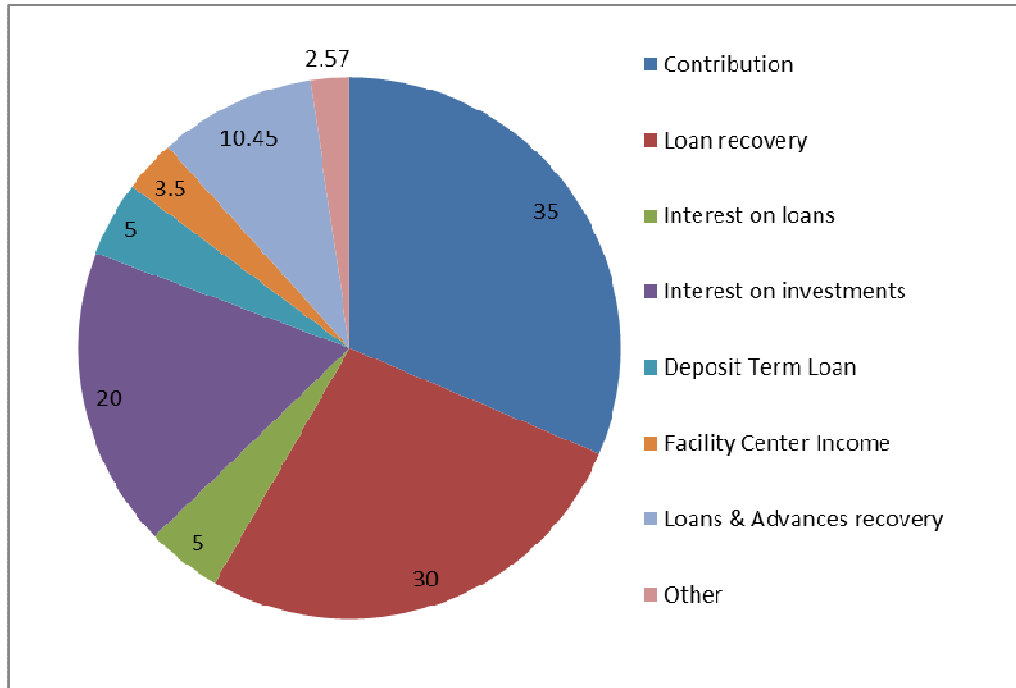
(Rs. In Crores)

No.	Particulars	Amount	Percentage %
1	Loans disbursement to APMCs & Subsidy	46.00	41.25
2	Establishment, Administrative & Other revenue expenditure	17.94	16.09
3	Term Loan, Investment Fluctuation Fund, House Loan Advance	7.10	6.37
4	Capital expenditure (Head office, Export Facility Center, Computer & Other)	12.44	11.15
5	Export Promotion – Development Projects	28.04	25.14
	Total	111.52	100.00

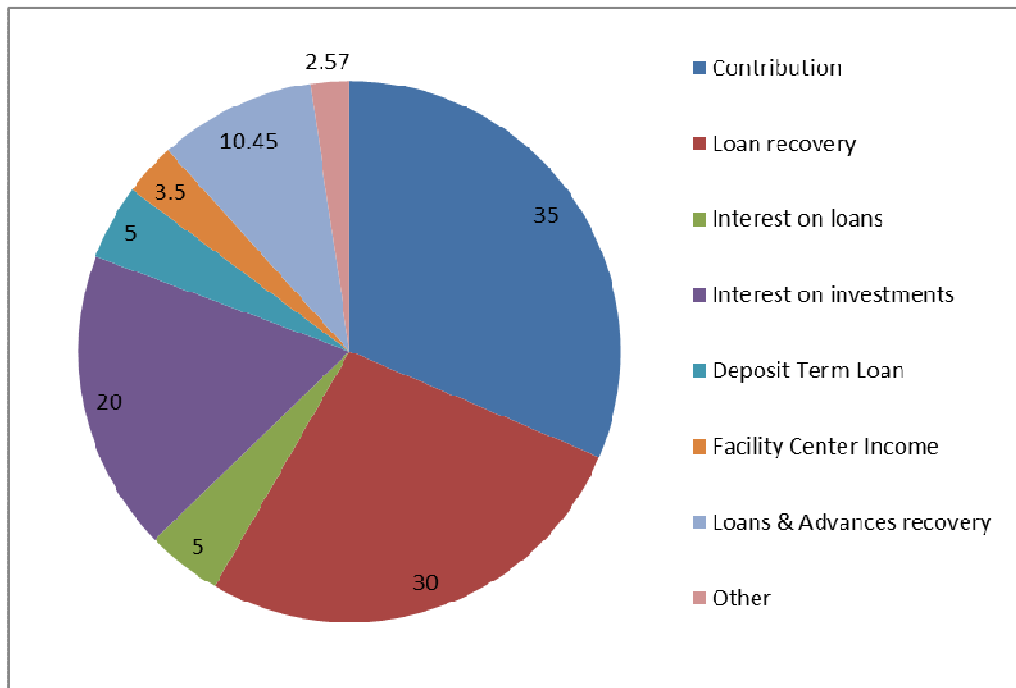


Budget – 2015-2016

Rupees Comes:



Rupees Goes:





5) OTHER DEPARTMENTS

A. Agricultural Produce Market Committees

As on 31st March 2015, there are 306 Main Markets and 596 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 as follows:

Sr. No.	Division	Main Markets	Sub-Markets
1.	Ratnagiri	20	42
2.	Nasik	39	81
3.	Pune	37	101
4.	Aurangabad	28	58
5.	Latur	57	86
6.	Amrawati	54	92
7.	Nagpur	50	76
8.	Kolhapur	21	60
	Total	306	596

1. Contribution:

As per provision of Section 37(2) of The Maharashtra Agricultural Produce Marketing (Regulation) Act, 1963, the contribution was charged to 300 Market Committees on their total income for the year 2014-15.

(Amount Rs. In Lakhs)

As on 31/3/2013 Outstanding Contribution	Contribution Demand for 2009-10	Total Contribution	Contribution Received	Balance Contribution
741.52	3349.85	4093.69	3123.95	969.74

2. Loans :-

A. 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, MSAMB has disbursed loans amounting Rs.7,37,45,706/- to 6 Agricultural Produce Market Committees for undertaking various developmental works. The details are as under;



B. Term Loan -

Sr. No.	Name of APMC	Date	Amount Disbursed	Purpose of the Loan
1	Parner, Dist.Ahemadnagar	28/04/2015	4000000	(1 st Installment) Development work.
2	Patoda, Dist.Beed	6/05/2014	8000000	(3 rd Installment) Development work at main market Patoda & Sub-Market Shirur.
3	Indapur, Dist.Pune	15/05/2015	2500000	(1 st Installment) Development work.
4	Patoda, Dist.Beed	20/05/2015	2190774	(3 rd Installment) Development work at main market Patoda & Sub-Market Shirur.
5	Indapur, Dist.Pune	14/10/2015	5700000	(2 nd Installment) Development work.
6	Akluj, Dist.Solapur	14/10/2015	5000000	(1 st & Final Installment) Development work.
7	Parner, Dist.Ahemadnagar	29/10/2015	1640623	(2 nd Installment) Development work.
8	Indapur, Dist.Pune	01/12/2015	11500000	(3 rd Installment) Development work.
9	Patoda, Dist.Beed	8/12/2015	10834532	(4 th Installment) Development work at main market Patoda & Sub-Market Shirur.
10	Ghoti, Dist.Nahik	22/01/2016	6579777	(1 st & Final Installment) Development work under MACP scheme.
11	Indapur, Dist.Pune	10/03/2016	2800000	(4 th Installment) Development work under MACP scheme.
12	Umred, Dist.Nagpur	17/03/2016	13000000	(1 st Installment) Development work under MACP scheme.
Total loan Disbursed (Term)			7,37,45,706	

Loan Interest Rate :-

The Interest Rate for long term loan is 8% & for short term loan is 10% which is reduced up to 6 percent p.a. for all APMC's & for all development work as per circular dated 9-03-2016. 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.



Agricultural Produce Pledge Finance Scheme :

During the year under report loan amounting Rs.1201.21 Lakhs was disbursed to 31 APMCs for Season 2015-2016 implementing Agriculture Produce Pledge Finance Scheme as follows:

No.	Name of APMC	Amount Rs.
A	AMARAWATI DIVISION	
1	Mangrulpir, Dist.Washim	3573942
2	Karanja, Dist. Washim	8820000
3	Morshi, Dist.Amrawati	664000
4	Chikhali, Dist., Buldhana	145000
5	Maregaon, Dist.Yeotmal	265100
6	Kalamb, Dist.Yeotmal	658507
7	Umarched, Dist. Yeotmal,	1061000
8	Ralegaon, Dist.Yeotmal	2860824
9	Zari Jamni, Dist.Yeotmal	207000
10	Pandharkawada, Dist.Yeotmal	4006845
11	Chandur Rly., Dist. Amrawati	60000
12	Dhamangaon Railway, Dist.Amarawati	1980000
13	Daryapur, Dist. Amrawati	50000
14	Varud, Dist. Amrawati	979800
	Total	2,53,32,018
B	NAGPUR DIVISION	
1	Hinganghat, Dist. Wardha	15715000
2	Gondpimpri, Dist.Chandrapur	8145100
3	Varora, Dist. Chandrapur	9379712
4	Pulgaon, Dist. Wardha	15237246
5	Chandrapur, Dist., Chandrapur	2949989
6	Rajura, Dist.Chandrapur	2311134
7	Sindi, Dist.Wardha	1947573
8	Arjuni Morgaon, Dist. Gondiya	2000000
9	Arvi, Dist. Wardha	1701737
10	Wardha, Dist.Wardha	375144
11	Lakhani, Dist.Bhandara	4669800
12	Gadchiroli, Dist.Gadchiroli	1587400
	Total	6,60,19,835
C	LATUR DIVISION	
1	Latur, Dist. Latur	12556900
2	Renapur, Dist.Latur	5763000
3	Udgir, Dist. Latur	7500000
4	Dharmabad, Dist.Nanded	2890000
	Total	2,87,09,900
D	NASHIK DIVISION	
1	Lasalgaon, Dist.Nashik	58950
	Total	58950
	Grand Total (47 APMC's)	12,01,20,703



3. Budget Approvals:

As per provision of Section 38 of Maharashtra Agricultural Produce Marketing (Regulation) Act - 1963 MSAMB has approved Main budgets of 299 APMCs during year under report. MSAMB has also approved Supplementary Budgets of 152 APMC's during the year under report and Re-appropriation Statements has also approved / Non-approved of 96 APMC's which were received of the year 2014-15.

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

Power delegated as per the section 59 of the Maharashtra Agricultural Produce Marketing (Development & Regulation) Act 1963 the Govt. of Maharashtra has given exemption from section no.7 & given permission to ITC Ltd, Cargill India Pvt.Ltd, Megasave Pvt.Ltd, Reliance Fresh Ltd & Radhakrishna Foodland Pvt.Ltd, Aditya Birla Quadrangle Trading Services, Maha. Consumer Federation, Mahindra Shubhlabha. All these companies can purchase the Agricultural Produce directly from the farmers in the operational area of individual apmc with few condition. All these companies started huge purchase directly from farmers, which help farmers to get better price. All these companies deposited market fee & Supervision fee on the purchase of Agriculture produce in the area of APMC for the period of 01/01/2015 to 31/12/2015 with MSAMB. Total 52 licence holders deposited Rs.1,04,91,094/- market fee and Rs. 4,538/- supervision fee. Total Rs. 1,04,95,632/- amount paid to concerned APMC.



B) Export

To increase the export worthy production and post-harvest management, MSAMB, with the support of Horticulture Department, Cooperation Department, Agriculture Universities, Local APMCs and guidance from APEDA and NPPO, Government of India, MSAMB undertakes training programs at grassroots levels for post-harvest management of agro produce including precooling, cold storage, ripening, packaging, logistics etc. MSAMB provides the basic export oriented infrastructure for Sorting, Grading, Packaging, Handling and 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 work towards the boost of the agro export from Maharashtra. MSAMB undertakes schemes for the same including searching of the importers, sending samples of fresh fruits, vegetables and processed products to various importers, 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 co-operative societies for supply of material for export. MSAMB's Export Facility Centers has played very important roles in exporting various agro produce like Mango, Pomegranate, Banana, Oranges, Mango Pulp, Cashew, Flowers, Onion to USA, Japan, New Zealand, UAE etc.

MSAMB's Export Oriented Infrastructure:

To reduce the post-harvest losses and as per the demand from the importing countries of agricultural produce, MSAMB realized the need of the export oriented pack house and facility centers for fresh fruits and vegetables. MSAMB is the pioneer in the State for creation of common infrastructure for Post-Harvest Management by establishing Precooling, Cold storage, packing grading line, ripening chamber etc., to boost the export from Maharashtra, with the help of APEDA & RKVY along with its own funds.

MSAMB has erected high tech common facility centers in Maharashtra such as Vapour Heat Treatment facility for export to Japan and Irradiation Facility Centre at Vashi for export to USA, Hot Water Treatment facility at Goregaon is being used for export to European Union. MSAMB had operated Air Cargo Facility Centre for perishable air cargo-handling at Lohegaon Airport, Pune to facilitate exports of agricultural produce. MSAMB has created 46 such facilities, including 13 Export Facility Centres investing around Rs. 56.52 Crores, by way of which the capacities created as Cold Storage - 2715 MTs, Pre-cooling - 605 MTs, Ripening Chamber – 70 MTs and the export of fresh fruits and vegetables through these facilities are in the tune of 51,814 MTs and around 43 Lakh Stems of Roses.



1. Utilization of existing Export Facility Centers (13 Nos.) (Year: 2015 – 2016):

No.	Name of the facility Centre	Exporting Country	Proceesing (MTs)
1.	VHT, Vashi, Navi Mumbai	Europe, Japan, UAE, South East Asian Countries etc.	293.64
2.	Pomegranate Export Facility Centre, Baramati, Dist: Pune	Europe, UAE	98.00
3.	Agro Produce Export FACility Centre, Indapur, Dist: Pune	-----	-----
4.	Fruits & Vegetable Export Facility Centre, Indapur, Dist: Pune	Gulf Countries	1175.23
5.	Alphonso Mango Export Facility Centre, Jamsande, Dist: Sindhudurg	USA	-----
6.	Alphonso Mango Export Facility Centre, Nachne, Dist: Ratnagiri	USA	2.06
7.	Kesar Mango Export Facility Centre, Jalna, Dist: Jalna	Domestic	6.04
8.	Kesar Mango Export Facility Centre, Latur, Dist: Latur	Domestic	235.00
9.	Orange Export Facility Centre, Karanja Ghadge, Dist: Wardha	Domestic	23.5
10.	Flower Export Facility Centre, Talegaon	Europe	40,000 Rose Stems
11.	Onion & Pomegranate Export Facility Centre, Kalwan, Dist: Nashik	Domestic	-----
12.	Banana Export Facility Centre, Savada, Dist: Jalgaon	Domestic	2590.00
13.	Banana Export Facility Centre, Basamat nagar, Dist: Hingoli	Domestic	75.37

2. In the phase 2, total 9 export facility centers and 20 Modern Marketing Centre for Fresh Fruits & Vegetables are in the verge of completion. Due to this infrastructure, around 606 MTs of Cold storage, 135 MTs of precooling, 75 MTs of ripening capacity has been created for export and domestic marketing. 34 such facilities have been operational and 11 facilities are under progress and will be ready by December-2016.

The details of the same:

No.	Facility	Number of facilities	Coldstorage MTs	Precooling MTs	Ripening Chamber MTs	Project Cost: Rs in Crores
1	Export Facility Centres	13	605	610	70	56.52
2	Modern Marketing Centres	20	500	100	--	58.55
3	Export Facility Centre (New)	09	575	45	75	73.45
4	Flower Export Facility Centre	4	400	40		19.92
Total		46	2080	795	145	208.44



List of Facility Centers under Progress/Completed/Planned:

MSAMB is establishing the export oriented facility centres with the support of RKVY, APEDA, Local Cooperative Societies and APMCs, which are as under:

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

No.	Modern Marketing Facility Centres	Components and Capacities
1	Modern Marketing Facility Thangaon, Tal. Sinnar Dist. Nashik	Cold Storage - 25 M.T. Precooling – 5 M.T./Batch Pack House Area 1500 Sq.ft. Input Shop - 3 Laboratory
2	Modern Marketing Facility, Loni, Tal. Rahata Dist. Ahmednagar	
3	Modern Marketing Facility, Shirpur, Dist. Dhule	
4	Modern Marketing Facility, Yawal, Dist. Jalgaon	
5	Modern Marketing Facility, Palghar Dist. Thane	
6	Modern Marketing Facility, Shail Pimpalgaon Tal. Khed Dist. Pune	
7	Modern Marketing Facility, Masur, Tal. Karad, Dist. Satara	
8	Modern Marketing Facility, Mhaswad, Dist. Satara	
9	Modern Marketing Facility, Barshi, Dist. Solapur	
10	Modern Marketing Facility, Talsande Dist. Kolhapur	
11	Modern Marketing Facility, Karmad, Dist. Aurangabad	
12	Modern Marketing Facility, Ghansawangi, Dist. Jalana	
13	Modern Marketing Facility, Kalamnuri, Dist. Hingoli	
14	Modern Marketing Facility, Ardhapur, Dist. Nanded	
15	Modern Marketing Facility, Majalgaon, Dist. Beed	
16	Modern Marketing Facility, Chandur railway Dist. Amravati	
17	Modern Marketing Facility, Deulgaon Raja Dist. Buldhana	
18	Modern Marketing Facility, Bhiwapur, Dist. Nagpur	
19	Modern Marketing Facility, Mohadi, Tal. Tumsar, Dist. Bhandara	
20	Modern Marketing Facility, Pulgaon Dist. Wardha	

B) New Export Facility Centers – (9):

No.	Export Facility Centre	Particulars	Capacity
1.	Pomegranate & Grapes Export Facility Centre, Atpadi Dist: Sangali	Pre cooling	5 M.T/6Hr.
		Cold Storage	50 M.T.
		Pack House	2000 Sq.Ft.
2.	Banana Export Facility Centre, Indapur, Dist. Pune	Pack House	3
		Pre cooling	5 M.T/6Hr.
		Cold Storage	25 M.T.
		Ripening Chamber	25 M.T.
		Material Handling System	2 M.T./Hr.
3.	Onion & Pomegranate Export Facility Centre, Chandwad Dist: Nashik	Pre cooling	5 M.T/6Hr.
		Cold Storage	50 M.T.

Maharashtra State Agricultural Marketing Board, Pune
Annual Report, Year 2015-2016



No.	Export Facility Centre	Particulars	Capacity
		Onion Storage & Onion Grading System	500 MT
4.	Fruits & Vegetables Export Facility Centre, Khadke Wake, Tal. Rahata, Dist. Ahmednagar	Pre cooling	5 M.T/6Hr.
		Cold Storage	150 M.T.
5.	Keshar Mango Export Facility Centre, Beed	Pre cooling	5 M.T/6Hr.
		Cold Storage	50 M.T.
		Ripening Chamber	5 M.T.
		Material Handling System	1.5 M.T./Hr.
		Pack House	2000 Sq.Ft.
6.	Orange Export Facility Centre, Warud, Dist. Amravati	Pre cooling	5 M.T/6Hr.
		Cold Storage	50 M.T.
		Pack House	2000 Sq.Ft.
7.	Irradiation Export Facility Centre, Vashi, Navi Mumbai	Cold Storage	100 M.T.
		Irradiation Mango	5 M.T/Hr.
		Cereals &Pulses	10 M.T./Hr.
		Spices	1.1 M.T. /Hr.
8.	Common Infrastructure for Vegetable Processing Unit, Vashi, Navi Mumbai	Bitter Gourd Processing Line	10 MT/ day
		Okra Processing Line	18 MT /day
		Green Chilies Processing Line	4 MT/day
		Brinjal Processing Line	4 MT /day
		Other Veg. Processing Line	4 MT /day
		Pre Cooling Chamber	5 MTs/batch
		Cold Store Chambers	25 MTs X 2
		Hot Water Treatment Facility	1 MT/Hr
9.	Mango, Other Fresh Fruits & Vegetable Export Facility Centre, Goregaon, Mumbai	Pre cooling	5 MTs/ Batch
		Cold Storage	35 MTs
		Ripening Chamber	11 MTs/ Batch
		Material Handling System	3 MTs/hr
		Hot Water Treatment	2 MTs/ Hr



C) Flower Export Facility Centers (3):

No.	Export Facility Centre	Components & Capacities
1.	Flower Export Facility Centre, Talegaon, Dist. Pune	Pre cooling (2units) – 5 M.T/6Hr. each Cold Storage(4 units) – 25 MTs each = Total 100 M.T. Grading & Packing Unit
2.	Flower Export Facility Centre, Satara, Dist. Satara	
3.	Flower Export Facility Centre, Mohadi Dist. Nashik	

• Irradiation facility Centre (IFC), Vashi, Navi Mumbai:

With the demand of Exporters and the need of time, MSAMB established Irradiation Facility Center (IFC) at Vashi, New Mumbai with the financial assistance of Rs. 2180 Lakhs from RKVY, Rs. 469.93 Lakhs from APEDA with MSAMB’s own investment Rs. 286.27 Lakhs. Fruits, Vegetables, Spices & Other food products are irradiated at this facility according to Department of Atomic Energy (DAE) Food Rule 1012. Irradiation is the mandatory treatment for exporting mangoes and pomegranate to USA. This is unique facility in India erected in public sector. Cobalt-60 Isotope is used for Gamma Irradiation treatment. This facility is used to irradiate the pests like Fruit Fly as well as Stone Weevil. This facility is approved by Atomic Energy Regulatory Board (AERB) & Department of Atomic Energy (DAE), Government of India. The United State Department of Agriculture – Animal and Plant Health Inspection Services (USDA-APHIS) has accredited this facility for export of mangoes and pomegranate to USA. Australian Inspection Team completed the series of inspections to IFC Facility, and likely to open for Indian Mangoes in Australia after irradiation.

Mangoes, Pomegranate, Spices, Pulses and Flour can be irradiated for export at this facility. The components of this facility are Irradiation Chamber (500kCi), Cold Storage: 50 MTs X 2 Nos.

• Vegetable Proceesing Facility (VPF), Vashi, Navi Mumbai:

European Union imposed ban on mango and other 4 vegetables in May-2014. On this background, there were immediate need of the Hot Water Treatment as well as packhose 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 premise of Irraditaion Facility centree, Vashi, Navi Mumbai., The chilli, bitter gourd, okra, drumstics and other vegetables are being proceesd at this facility for export. The facility consist of precooling and coldstoarges too. This facility will be instrumental in opening of these 4 vegetables for export to EU. The facility has been given to M/s. Khushi International, Vashi for operation and maintenance of VPF.

• Vapor Heat Treatment Facility (VHT), Vashi, Navi Mumbai :

MSAMB, Pune is the pioneer in setting up of state-of-the-art Vapor Heat Treatment facility (VHT) at Vashi, New Mumbai. It has been established in year 1999-2000. VHT is an effective method of control the pests like fruit fly. This is the first unique facility in public sector in India. VHT machine is imported from Japan by APEDA, New



Delhi and erected by MSAMB & used commercially for export of mangoes to Japan, New Zealand and European Countries & Mauritius. The Components of the facility are Vapor Heat Treatment Facility: 1.5 M.T./Batch, Pre-Cooling Facility: 5 MT/6 Hrs. Cold Storage Facility: 50 MTs, Material Handling System: 1.5 M.T./Hr. Around 50,000MTs of fresh fruits and vegetable has been exported from this facility across the globe. In the current year 243.54 MTs of mangoes has been exported to Europe, 45.75 MTs to New Zealand, and 4.35 MTs to Japan. Around 1000 MTs of bitter gourd has been processed in Hot Water Treatment for European Union.

- **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 the trails on Bitter Gourd in VHT machine so as to decide the protocol for export. The successful report of the same has been submitted to NPPO, Government of India for consideration. Once it is approved, the Bitter Gourd will be exported to EU after VHT.

- **GlobalGAP Certification:**

The developed countries like Europe, USA, Japan etc. requires GlobalGAP Certification for export of the agro produce to these countries. To boost the export of Kesar Mango, Alphonso Mango, Pomegranate, Banana and Oranges, there is need to have GlobalGAP certifications to the farms. Till date MSAMB has provided the subsidy of 50% to the expenditure of certification of GlobalGAP to 289 farms. In FY 2016-17, MSAMB is going to continue the scheme of subsidy for GlobalGAP Certification to motivate the growers.

- **Establishment of Mango & Cashew Board:**

Even though there are better efforts being taken in India and especially in Maharashtra to increase the area under Mango and Cashew, there is need to increase the productivity. To avoid the post harvest losses during harvesting and marketing of these produce, there is need to adopt the scientific methodologies. To increase the awareness among the growers, a State Level Mango and Cashew Board need to be established, which is mentioned in the Government Resolution dated 06th October, 2013 and 24th January, 2014. In line with the said GR, MSAMB has established Maharashtra State Mango & Cashew Board. The work has been initiated from the office of the Board in Ratnagiri.

- **Schemes of MSAMB for Boost of Export:**

To boost the export of agro produce from Maharashtra, MSAMB is implementing export oriented schemes as under:

1. Guidance to individual growers and cooperative societies for availing Import Export Code and APEDA registration.
2. Providing the commodity-wise and country-wise list of Importers.
3. To avail the information about quality parameters and packaging standards of importing countries.



4. To develop the new entrepreneurs in agro export, "Horticulture Export Training Course", a residential course of 5 days, is being organized monthly. It has been commenced from December 2015 and in the year 2015-16, four courses has been organized and trained around 80 participants.

- **Cluster Development Programme:**

APEDA has announced the Cluster Development Programme for Pomegranate, Banana and Vegetables in Maharashtra State. Under this programme, MSAMB conducted 18 training on pre and Post harvest management of Banana in Pune, Nashik, Solapur, Latur and Kolhapur districts. Around 1300 banana growers has been trained. With this programme, the growers were brought in contact with the potential exporters and their tie-ups has been established. There is a planning to organise a visit of the progressive banana growers (180 growers in 10 groups) to the successful model of Banana contract farming and export, established in Kamrej Dist: Surat in Gujrat.

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

Maharashtra is the major state for producing export oriented vegetable production. Out of the total export of the country, 48% onion and 26% vegetables are being exported from Maharashtra. For exporting vegetables to European Countries, USA, China, Thailand, Canada, there is need to take the utmost care to supply the pest free and residue free material for export. For the same most of the countries are nowadays demanding the traceability system. 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 led down. To implement the Vegnet Traceability System, MSAMB has deputed its expert officials as a Nodal Officers in Pune, Satara, Solapur, Latur, Nashik, Latur, Parbhani, Beed, Jalala and Jalgaon districts for fortnightly monitoring of the farms of vegetables, initially for Okra. These Officers visits 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.



C) Project

1. Project Consultancy Division

Marketing Board offered 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 on 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 2015-16, MSAMB earned Rs 6.00 lakhs as against Consultancy Fee. During the financial year MSAMB has prepared two DPR, done 4 appraisals.

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

6 Project Reports submitted under RKVY Scheme

- Establishment of Community RO Drinking Water Project in APMC covering all districts of Maharashtra, Project Cost Rs.2488.92 Lakh.
- Establishment of eco-toilet with bio-digester technology in APMC covering all the districts of Maharashtra, Project Cost. 2495.85 Lakhs.
- Vegetable Marketing infrastructure for Urban Cluster in 29 districts Project cost Rs. 6575.10 Lakh
- Scheme for regulating market arrivals through farm level storage in the State, Project cost Rs.2100 Lakh have been submitted to State Govt under RKVY Scheme
- above these four projects for 25% Subsidy.
- Creating Sustainable Export for Cut Flowers from India, Project Cost. Rs. 2344.97 Lakh on the scheme of PPPAID
- Dehydration Project for Orange Export Facility Centre Pilot Project Cost Rs. 94.689 Lakh for 100% subsidy.

3. 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.

For Nagpur TMC Govt. land has identified at Mouje Waranga, Tal. & District Nagpur & decision has been taken to transfer the land to MSAMB. The RFQ process is initiated in Sept 2012 and 7 firms have submitted the RFQ. Out of these after evaluation 4 firms qualified those have been given RFP. Only one RFP received In prescribed period. This has been informed to the State Govt. State Govt. had informed /notified to give advertisement again. Due to land for Nagpur TMC Hon. High Court , judgment is entered in Nagpur bench of the matter, advertisement has not given back.

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

Proposal to transfer of land for Terminal Market Nashik to MSAMB is at Revenue and Forest Dept. Follow up is being made to the Govt. for the proposal.



4. Modern Market - Vasmatnagar Dist. Hingoli

The state government has decided to set up the Modern Market Project on the lines of terminal market at Kanhergaon, Tal. Vasmatnagar District- Hingoli. The proposed modern market would be established on PPP mode with the financial support of the state government along with private investment. The state government has sanctioned Rs. 10.00 crore for this project. The Maharashtra State Agricultural Marketing Board (MSAMB) is appointed as Nodal Agency for the project. The selected site admeasuring 26.42 ha. of land at Kanhergaon, Tal. Vasmatnagar, District Hingoli has been handed over by state government to MSAMB for this project.

The proposed project is of 400MT/day handling capacity with facilities such as electronic weighment, cleaning and grading facility packaging, pre-cooling, cold storage, ripening chamber, packhouse, godown, electronic auction as, mandatory facilities and Business Center Services, Restaurants, Freight Consolidators, Vehicle rental services, processing as a non-market services and toilets, waiting rooms, drinking water facility, information desk, policing and general security, fire fighting as an essential services.

As the project is to be set up in PPP mode, the Transaction Advisor (TA) has been appointed to carry for the process of selection of private enterprise. Up till now the phase-1 (Structuring & feasibility) is completed. And the process of Phase-2 (Bid Process management) is in progress. In March, 2012 the GTN (Global Tender Notice) is published. As only one proposal received revised Global Tender Notice (GTN) has been published on 26.8.2014. For this 29.9.2014 was the last date for submission of proposal. Three proposals has been received within the prescribed period. Only one proposal of Purna Sahakari Karkhana has been qualified. Due to non-opportunity of comparison Tender process has been scrapped. In this matter Re-tender processing information received by Govt.

5. Aurangabad Modern Market

The State Government has given the in-principle approval for the setting up of Modern Market project at Aurangabad vide GR dated 3rd December, 2008. The implementation of the project would be done in PPP mode. The selected site admeasuring 50 acre of land at Jadhavwadi, Tal.& Dist. Aurangabad has been handed over by Agricultural Produce Market Committee, Aurangabad to MSAMB for this project.

The Maharashtra State Agricultural Marketing Board has been appointed as a Nodal Agency for the project. The Transaction Advisor (TA) has been appointed and the process of Phase-1(Structuring & Feasibility) is in progress. As per the Cabinet decision taken in State level committee meeting held on 9.7.2012 the Terminal Market to be established in the city having more than 10 lakh population in the State. As per Cabinet decision M/s. Darashaw and Company has been informed to establish Terminal Market in Aurangabad. According to this work is in progress.



It is proposed to prepare a proposal to be submitted to the Agriculture and Marketing Department for permission of Central Govt.

6. Kokan Package

Cabinet meeting on 24th June 2009 in principally approved the projects such as cashew nut processing, cold chain development, godowns, pledge loan with tune of Rs 575.00 Crores for the development of Kokan region. Advertisement for this has been published in new paper - Ratnagiri Times on 22.8.2009 to invite application for the projects. The same has been linked on the MSAMB's website.

Government Resolution (GR) for the Kokan Package is published on 29/3/2010 and implementation is done. MSAMB has prepared model project report of tiny cashew processing unit and given to the interested entrepreneur at free of cost. It had also prepared project report of Cashew grading unit and godowns as per demand. Various proposals were submitted to the banks for the sanction of loan.

7. Nashik Package

Cabinet meeting was held on July 22nd, 2010 at Nashik with an objective to develop infrastructural and processing facilities for the fruits and vegetables grown in Nashik region. For these an outlay of Rs.135 Crores has been sanctioned.



D) Engineering

Engineering Section Works basically for:

- 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 , R
- 3) Roads, Canteen, Farmers Rest House and productive works such as Godowns, Cold Storages, Cattle Markets etc.

Works carried out by Engineering section in reported year are as below ;

- A) MSAMB has constructed the facilities as which include Grading- Packing Hall, Precooling, Cold Storage, Ripening Chambers etc. below mentioned and are functioning smoothly.
- 1) Export Facility Center for Mango at Jalna, District-Jalna.
 - 2) Export Facility Center for Alphanso Mango at Nachane, District-Ratnagiri.
 - 3) Export Facility Center for Alphanso Mango at Jamsande, District-Sindhudurg.
 - 4) Export Facility Center for Banana at Basmat, District-Hingoli.
 - 5) Export Facility Center for Banana at Savda, District- Jalgaon.
 - 6) Export Facility Center for Orange at Karanja , District- Wardha.
 - 7) Export Facility Center for Agriculture Produce at Indapur, District- Pune .
 - 8) Ice making Cold Storage at Indapur , District- Pune.
 - 9) Export Facility Center for Keshar Mango at Latur, District- Latur.
 - 10) Export Facility Center for Pomegranate at Baramati, District- Pune .
 - 11) Export Facility Center for Onion, Grapes and Pomegranate at Kalvan, District- Nashik .

During the reporting year maintenance of the above mentioned Facility Centers has been carried out by Engineering Section throughout the year.

- B) With financial Aid from APEDA, New Delhi and subsidy from RKVY scheme, MSAMB has constructed the various facilities. For the construction of these facilities, MSAMB has received a subsidy of about 75% of the Project Cost. Following Facility Centers are constructed during the Reporting Year.

I) Export Facility Centers:

- i) a) Irradiation Project at Vashi, Navi Mumbai. (RKVY+ APEDA)
 - Radiation Source: Cobalt 60 source with the intensity of 300 Kg. Curie. Radiation Unit- for mango 5 MT per hour, Pre-cooling Unit – 1no. with capacity of 5 MT per cycle of 6 hour, Cold Storage Unit – 4 units of 25 MTs per day, Radiation processing hall of about 8200 sq. ft., Pre-cooling, cold storage, processing hall of about 4600 sq.ft.
 - Sanctioned Tender Cost Rs.2936.01 lakhs.
 - Facility Hand over to GM (VCD) on dtd.11/03/2015



- (b) Fruit and vegetable facilities, Vashi, Navi Mumbai (apida)
- Project Hot Water Treatment -1 MT / hour, Cold Storage 50 M.T., Pre-cooling 5 MT /6 hours. Vegetables Processing Lines (bitter guard, okra, pepper, brinjal etc.) and so on.
 - Cost of the project as per approved Tender Rs. 158.20 million (plus taxes).
 - The project is in the final phase.
- ii) **Export Facility Center for Fruits and Vegetables at Khadkewake, District – Ahmednagar. (RKVY)**
- Government has handed over land to Pravara Sanstha at Khadkewake, Taluka-Rahata, Dist-Ahmednagar, bearing S.No.416 for constructing above Facility. The total land is about 13.02 ha. Out of which 5 acre is handed over for this project. The project includes the following components – Pre-cooling chamber with the capacity of 5 MT. Cold Storage 3 Units (1x100 M.T. and 2 x 25 M.T.) with a Grading – packing hall, plant machinery and site development activity.
 - Sanctioned Tender Cost Rs.646.63 lakhs.
 - Facility Hand over to Division Office, Nashik on dtd.17/06/2014
- iii) **Export Facility Center for Keshar Mango at Beed, Dist-Beed. (RKVY)**
- APMC, Beed has handed over the land within its premises for the construction of this project.
 - The project includes the following components – Pre-cooling Unit – 1 No. with the capacity of 5 MT. per cycle of 6 hours, Cold Storage Unit- 2 Nos. of 25 MT., Ripening Unit- 1 no. of 25 MT per cycle with a Grading – packing hall, plant machinery, road and site development activity.
 - Sanctioned Tender Cost Rs. 549.44 lakhs.
 - Facility Hand over to Division Office, Aurangabad on dtd.15/11/2014
- iv) **Export Facility Center for Banana at Indapur, Dist. Pune. (RKVY)**
- APMC, Indapur has handed over the land within its premises for the construction of this project. This project includes the Farm Packhouse at Akluj, Dist-Solapur and Walchandnagar, Dist-Pune.
 - The project includes the following components – Pre-cooling Unit – 1 No. with the capacity of 5 MT. per cycle of 6 hours, Cold Storage 1 Unit of 25 M.T., Ripening Unit- 1 no. of 25 MT per cycle with a Grading – packing hall, plant machinery and site development activity.
 - Sanctioned Tender Cost Rs. 809.78 lakhs.
 - The work of this project is in final stage.
- v) **Export Facility Center for Pomogranate at Atpadi, Dist. Sangli. (RKVY)**
- APMC, Atpadi has handed over the land bearing Gut No.37145 (0.50H.A.) within its premises for the construction of this project.
 - The project includes the following components – Pre-cooling Unit – 1 No. with the capacity of 5 MT. per cycle of 6 hours, Cold Storage Unit- 2 Nos. of 25 MT.,



Ripening Unit- 1 no. of 25 MT per cycle with Pack house, Plant room, Ante room, Dispatch & Receiving platform, D.G.Set, Transformer, Store room, Toilet block, road and site development activity.

- Sanctioned Tender Cost Rs. 512.47 lakhs.
- The construction of this project is in final stage.

vi) Export Facility Center for Onion, Pomegranate and Grapes at Chandwad, Dist. Nashik. (APEDA)

- APMC, Chandwad has handed over the land beside Manmad road for the construction of this project.
- The project includes the following components – Pre-cooling Unit – 1 No. with the capacity of 5 MT. per cycle of 6 hours, Cold Storage Unit- 2 Nos. of 25 MT., Ripening Unit- 1 no. of 25 MT per cycle with a Plant room, Ante room, Dispatch & Receiving platform, D.G.Set, Transformer, Store room, Toilet block, road and site development activity with Onion Storage Structures – 10 nos. with a capacity of 50 MTs each.
- Sanctioned Tender Cost Rs. 730.34 lakhs.
- Facility Handed over to Division Office, Nashik on dtd.18/01/2016

vii) Orange Export Facility Centre, Warud, Dist.-Amaravati (RKVY)

- Land for the construction of this project has been made available by Dr. Panjabrao Deshmukh Krushi Prakriya Sanstha at MIDC, Warud.
- The project includes the following components – Pre-cooling Unit – 1 No. with the capacity of 5 MT per cycle of 6 hours, Cold Storage Unit- 1 Nos. of 25 MT., Grading – packing hall with 2 MT per 1 hour Capacity, Pack house, plant & machinery, Staff Quarter, Road and site development activity
- Sanctioned Tender Cost Rs. 860.29 lakhs.
- The construction of this project is in final stage.

Viii) Mango Pack house Goregaon (APEDA)

- Mango packhouse is being erected at Maharashtra Agriculture Industry Development Corporation's Goregaon Flower Facility center.
- Pre-cooling of 5 M.T./batch, Ripening chamber 11 M.T./batch, Grading line of 3 M.T./hour, Transformer with electrification etc. is included in the facility.
- Sanctioned Tender cost is Rs. 322.70 lakhs.
- The project is in final phase.

ix) Adding new facilities at Orange export facility centre, Karanja (Ghatge), Dist. Wardha.

- Auction hall, toilet block, road, furniture, etc. are being added.
- Sanctioned Tender cost is Rs. 116.25 lakhs.
- Successful completion of the new components.

II) Export Facility Centers for Flowers:

- i) Project at Mohadi, Dist-Nasikh. (RKVY)



- APMC, Dindori has handed over the land bearing Gut No.1286, of about 2 acre for the construction of this facility.
- The project includes the following components – Pre-cooling Unit – 2 No. with the capacity of 5 MT. per cycle of 6 hours, Cold Storage Unit- 4 Nos. of 25 MT., with Pack house, Plant room, Ante room, Dispatch & Receiving platform, D.G.Set, Transformer , Store room, Toilet block, road and site development activity.
- Sanctioned Tender Cost Rs. 554.77 lakhs.
- Facility Hand over to Division Office, Nashik on dtd.23/07/2014
- ii) Project at Talegaon-Dabhade, Dist-Pune. (APEDA)
 - Land of about 2 acre for construction of this facility has been handed over by Floriculture Park, MIDC, Talegaon (Dabhade)
 - The project includes the following components – Pre-cooling Unit – 2 No. with the capacity of 5 MT. per cycle of 6 hours, Cold Storage Unit- 4 Nos. of 25 MT., with Pack house, Plant room, Ante room, Dispatch & Receiving platform, D.G.Set, Transformer , Store room, Toilet block, road and site development activity.
 - Sanctioned Tender Cost Rs. 716.00 lakhs.
 - Facility Hand over to Division Office, Pune on dtd.25/06/2015.
- iii) Project at Satara (RKVY)
 - Ajinkyatara Shetkari Sahakari Phale, Phule Va Bhajipala Kharedi Vikri Sanstha, Satara has handed over the land at MIDC, Satara and for the construction of this facility.
 - The project includes the following components – Pre-cooling Unit – 2 No. with the capacity of 5 MT per cycle of 6 hours, Cold Storage Unit- 4 Nos. of 25 MT., with Pack house, Plant room, Ante room, Dispatch & Receiving platform, D.G.Set, Transformer , Store room, Toilet block, road and site development activity.
 - The construction of project is under Progress.

III) Modern Market Facility Centers for Fruits and Vegetables:

- This project is to be carried out at 20 various places in the State of Maharashtra.
- The project includes the following components – Pre-cooling Unit – 1 No. with the capacity of 5 MT. per cycle of 6 hours, Cold Storage Unit- 1 Nos. of 25 MT., with Pack house, Plant room, Ante room, Dispatch & Receiving platform, D.G.Set, Transformer , Store room, Toilet block, road and site development activity.
- The land is handed over by concerned APMC / Co-operative Society respectively.
- All Project are nearly completed & handing over procedure is in progress.

S. No.	Place of project	Project Cost (Rs. In Lakh)	Current Status of Work
1	Ghansavangi	302.30	Facility Handed over to Division Office, Aurangbad on dtd.02/11/2015
2	Kalmanuri	285.48	Facility Handed over to Division Office, Latur on dtd.27/08/2014
3	Karmad	284.21	Construction work of project completed. Facility is ready for Handing over.
4	Rajgurunagar	301.35	Facility Handed over to Division Office, Pune on dtd.11/12/2014
5	Masur	305.27	Facility Hand over to Division Office, Kholhapur on dtd.10/11/2014



S. No.	Place of project	Project Cost (Rs. In Lakh)	Current Status of Work
6	Majalgaon	277.13	Facility Hand over to Division Office, Aurangabad on dtd.26/08/2014
7	Ardhapur	289.97	Facility Hand over to Division Office, Latur on dtd.27/08/2014
8	Yaval	291.04	Facility Hand over to Division Office, Nashik on dtd.26/07/2014
9	Pulgaoan – (Wardha)	299.06	Civil work almost complete, the machinery installation work complete, load test completed.
10	Chandur Railway	285.78	Facility Hand over to Division Office, Amravati on dtd.18/03/2015
11	Loni	279.99	Civil work is completed and Machinery installation work is in progress.
12	Shirpur	283.55	Facility Hand over to Division Office, Nashik on dtd.01/10/2014
13	Deolgaon Raja	297.57	Facility Hand over to Division Office, Amravati on dtd.24/4/2014
14	Bhivapur	298.01	No Load test completed, Load test incomplete the external electrification work not completed.
15	Palghar	295.00	Civil and electromechanical work Completed. Load test Completed. Facility is ready for Handing over.
16	Thangaon	295.22	Facility Handed over to Division Office, Nashik on dtd.09/10/2015
17	Mohadi (Bhandara)	287.03	Facility Handed over to Division Office, Amravati on dtd.19/03/2014
18	Talsande	303.06	Facility Handed over to Division Office, Kolhapur on dtd.28/03/2016
19	Barshi	295.36	Facility Handed over to Division Office, Pune on dtd.01/05/2014
20	Mhaswad	309.48	Civil works and equipment installation completed, load test completed, external electrification tender work in progress.

c) Development of Marketing Infrastructures Facilities in the APMCs of Left Wing Extremists Activities affected Districts under RKVY scheme.

The objectives of this project are as follows:

- This Project includes creating infrastructure which will enhance the financial empowerment of tribal farmers of Left Wing Extremist Affected districts.
- Financial stability will demotivate participation in Extremist Movement.
- Will enable the markets to handle peak arrival of produce efficiently.
- Increased operational efficiency will bring about reductions in marketing costs.
- Projects will also improve hygiene and sanitary conditions in the market yard which will reduce the undue wastage of agricultural produce.

The State level project committee of National Agriculture Development plan has given sanction to the project worth Rs.39.87 crore for establishment of marketing infrastructure facilities in the premises of 11 APMC of three districts i.e. Gadchiroli, Gondia and Chandrapur in the first phase under the RKVY. The project work in these 11 APMCs are in progress since 2010-2011 and near about completion. Grant of Rs.26.88 crore has been sanctioned for the 11 APMC of these three districts under RKVY and till date Rs.22.80 crore grant has been disbursed through Maharashtra State Agricultural Marketing



Board. The details of these 11 APMCs market committee wise approved project cost, approved grant amount, the amount of grant paid to concerned APMC, the total expenditure of the projects and the present status of the project work is as follows:

lxv. Amount in Rs. Lakh

Sr.	District	Name of the APMCs	RKVY Sanctioned Project Cost	RKVY Sanctioned Subsidy Amount	Subsidy Disbursed to APMCs	APMCs own contribution	Total expenditure on project
1	Gadchiroli	Chamorshi, Aheri	1231.08	923.32	730.50	328.19	1058.69
2	Gondia	Gondia, Goregaon, Amgaon, Tiroda and Arjuni Morgaon	1917.23	1256.37	1118.72	358.45	1477.17
3	Chandrapur	Pobhurna, Savli, Sindevahi & Korpana	838.34	508.76	430.56	142.24	572.80

The project worth Rs.66.40 crore for establishment of marketing infrastructure facilities in the premises of 14 APMC of three districts i.e. Gadchiroli, Gondia and Chandrapur will be undertaken under the second phase of RKVY. At the 16th Meeting of State level Project Approval Committee of National Agricultural Development plan held on 23 May 2013 in principle sanction has been given regarding grant of 75% subsidy. The details are as follows:

Sr. No.	Name of APMC	District	Total Project Cost (Rs. in Lakh)	Proposed RKVY Subsidy (@ 75%) (Rs. in Lakh)
1.	Armori	Gadchiroli	506.96	380.22
2.	Gadchiroli	Gadchiroli	500.00	375.00
3.	Tumsar	Bhandara	497.20	372.90
4.	Lakhandur	Bhandara	495.41	371.56
5.	Lakhani	Bhandara	500.68	375.51
6.	Pavani	Bhandara	241.20	180.90
7.	Chimur	Chandrapur	534.81	401.11
8.	Bramhapuri	Chandrapur	503.68	377.76
9.	Varora	Chandrapur	500.00	375.00
10.	Rajura	Chandrapur	296.07	222.05
11.	Gondpimpri	Chandrapur	523.77	392.83
12.	Chandrapur	Chandrapur	523.58	392.68
13.	Mul	Chandrapur	519.46	389.59
14.	Nagbhid	Chandrapur	497.04	372.78
Total			6639.87	4979.89

D) APMC works related with Civil Engineering:

- During the reporting year 2015-16, Engineering Department has scrutinized the loan proposals and also carried out the technical scrutiny of the below mentioned proposals:



a) Loan proposals / Utilization Certificates –

- (1) Ralegaon (Dist. Yavatmal), (2) Parner.(Dist. Ahmednagar), (3) Taloda(Dist. Nandurbar), (4) Indapur (Dist. Pune), (5) Patoda (Dist. Beed), (6) Jintur (Dist. Parbhani).

b) Technical Scrutiny–

- 1) Ralegaon (Dist. Yavatmal), (2)Patoda (Dist. Beed).

E) Other Work :

- The renovation work of Division Office at Nashik is completed.
- To control the encroachment and provide security to the land at Jadhavwadi, Aurangabad possessed by the Marketing Board, the construction of Compound wall has been completed by contractor
- The work order of construction of Division office, Aurangabad at Jadhavwadi has been issued to the contractors by way of implementing tender procedure. The construction work of Division office is in progress.



E) Computer (IT)

1. eOffice for daily correspondence & files -

MSAMB has successfully implemented eOffice at MSAMB H.O. & all divisional offices since November 2014. Clearance of daily correspondence and file is made compulsory through eFile system and files are sanctioned online. MSAMB office has become paperless and eFile has brought effectiveness and transparency in filing process.

2. eAuction (Computerized Auction System) –

MSAMB has initiated a Project for Computerization of Auction Process starting from arrival till dispatch of agriculture produce, at APMCs. Aim of this project is to help farmer to get better price and bring effectiveness and transparency in the functioning of APMCs. The CAS has been implemented at 4 APMCs viz. Rahata, Chikhai, Akot & Hinghat APMCs and implementation is under progress at Dhamangaon Railway APMC. Web based software with mobile application has been developed and hosted at MSAMB data center. Presently Soyabean, Black Gram, Maize, Tur, Jawar, etc. commodities are covered under computerized auction system. This system has brought effectiveness and transparency in auction process and it has been observed that farmers are getting remunerative prices.

3. Computerization of APMCs under National Agriculture Market (NAM) 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 to be 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) to Maharashtra State Agricultural Marketing Board. The expenditure more than Rs.30/- Lakh will be borne by APMCs. Internet Leased Line will be provided by BSNL and expenditure will be borne by APMCs. Out of 30 APMCs 12 APMCs of first phase have started Gate Entries with their own computers. Govt. of India has given in principle approval for additional 30 APMCs for integration with NAM in second phase.

4. Data Center:

MSAMB has established independent Tier-3 data center at IT department. Website, mail service, database, eOffice, computerized Auction System and all online applications are hosted in the data center. For internet 20 mbps leased line and 16 mbps broad band is functional in the data center.

5. Marknet Project - Marknet (Market Network)

is network of computerized APMCs in the State. Objectives are to compile market arrivals, prices & disseminate 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.

6. Development, implementation & maintenance of online software -

IT department has in-house developed and launched following on-line web based applications for various functions of MSAMB and APMCs.

1. Slot booking of Mango Vepour Hit Treatment facility
2. Online booking facility for Export Facility Center, Vashi(VPF).
3. Online booking facility for Hot Water Facility Center
4. Agriculture Commodities Buyers & Sellers Information Software
5. Online Software for Vegetable Export Facility Center, Vashi.
6. Krushi Nirdeshika
7. Proposed Tours & T.A.Bills
8. Business Development Plan (BDP)
9. APMC Quarterly Budget System
10. Agricultural commodities Arrival & Rates Information of Private Market
11. Inward System for Commissioner of Sugar Office.
12. Inward System for Directorate of Marketing Office.
13. Online Software System for Section 12(1) Proposals. (Directorate of Marketing Office)
14. Software for Information regarding Onion Plantation, Production and Storage
15. Software for Onion Purchase and Storage at APMC level.
16. Krushi Panan Mitra Subscription
17. MIS System for Horticulture Development Center (HTC)
18. Software System for Toll Free Facility

Laptops and Internet facility is provided for District Marketing Officers (DAMOs), Division Managers and Division Deputy General Managers (DGM). Advanced Computer System and WiFi Facility is provided at MSAMB Head Office.

7. Incentive Scheme for APMC computer operators -

Under Marketing Research And Information Network Scheme of DMI, GoI, Rs. 1000/- incentive has been provided to the computer operator of APMC for uploading daily price data on website for more than 20 days in a month. Till date Rs. 42.63/-Lakhs incentive has been distributed to computer operators of APMCs.

8. 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 Govt. for decision making, as and when required. Similarly, the information is provided to other institutes, companies, NGOs, individuals on regular basis.



F) Public Relations & Publicity

1. APMC Training :

MSAMB has organised training programmes for officers and employees of APMC's at National Institute of Post Harvest Tehonology, Dist. Pune. During the period 3/12/2015 to 6/12/2015, training on APMC Act was given to 21 Chairman/Officers from APMC's of Nagpur division.

2. Krushi Panan Mitra :

MSAMB, Pune is publishing "Krushi Panan Mitra" magazine monthly. Annual subscription of this magazine is 200/- and for 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 Banks, Zilha Parishads, Directors of MSAMB, Ministers, Secretaries, Newspapers, Agricultural based magazines 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's schemes, post harvest technology, animal husbandary, dairy industry.

Monthwise circulation of Krishi Panan Mitra magazine is as follows-

Sr.No.	Month	Magazine distributed
1.	April 2015	16554
2.	May 2015	18631
3.	June 2015	19343
4.	July 2015	17969
5.	August 2015	16911
6.	September 2015	16755
7.	October 2015	16472
8.	November 2015	17116
9.	December 2015	17350
10.	January 2016	17557
11.	February 2016	191011
12.	March 2016	18787

In the year under report, there are about 3 lakhs readers. To enable subscription of the magazine by more farmers and Agricultural Entrepreneurs it has been decided to commercialize it. The Postal Registration and WPP license for the magazine has expired in December 2015 and thus it has been renewed for the term January 2016 to December 2018.



3. “Krishi Panan Yojana” Book :

The first edition of “Krishi Panan Yojana” was published in 2015. Schemes of Directorate of Marketing, MSAMB, NIPHT, MACP, CAIM, MSWC, NCD, APEDA and Integrated Horticulture Development Movement have been included in this book. The distribution of the first edition has been completed. The publication of the second edition is in progress.

4. Calender 2016 :

In the Year 2016 MSAMB has published a Calender and distributed in APMC’s of Maharashtra, Government Offices and employees of MSAMB. This calendar is having information about the various initiatives of MSAMB.

5. Exhibition Participation:

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

Sr.	Period	Exhibition	Period
1.	Agri Horticulture Conference	Kama Hall, Opp. lion Gate, Fort, Mumbai.	6th August 2015
2.	Orange Festival	A.P.M.C., Warud, Dist. Amarawati	1 st to 4 th October 2015
3.	Agri. Expo, Agrowan	H.A. Sports Ground, Pimpri Dist. Pune	23 rd to 27 th October 2015
4.	Agri Business & Animal Husbandary Exhibition	A.P.M.C. Karad Campus Dist.. Satara	24 th to 28 th 2015
5.	Kissan 2015	Moshi, Dist. Pune	16 th to 20 th December 2015
6.	Agrovision 7 th	Reshim baugh Ground, Dist. Nagpur	11 th to 20 th December 2015
7.	Agri Exhibition	Zilha Parishad, Dist. Chandrapur	30 th Janauary to 2 nd February 2016
8.	Youth Empowerment Summit (Fortune Foundation)	Manakapur Sports Ground, Nagpur	30 th Janauary to 1 st February 2016
9.	Krishi Vaibhav Exhibition	Urali Kanchan, Dist. Pune	4 th to 7 th February 2016
10.	Agroworld (Agri, Animal and Dairy Sanvardhan)	Dhule	12 th to 15 th February 2016
11.	Flora Expo 2016 (Through Media Today)	H.A., Sports Ground, Pimpri, Dist. Pune	26 th to 28 th February 2016



6. 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. 72 of the year 2001 , it has been resolved that ten percent of proposed expenditure or maximum Rs. 15,000/- 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 2015-2016 assistance has been given as per the below mentioned table :

Sr.	Name of Organization/Magazine	Subject	Amount Rs.
1.	Agrovision,Nagpur	Agrl. Exhibition	10/- Lakh
2.	A.P.M.C., Karad	Krshi Audyogik and Pashupakshi Pradarshan.	4.51/- Lakh
3.	Dr. Balasaheb Kokan Krishi Vidyapeeth, Dapoli, Dis. Ratnagiri	International Seminar	50,000/-
4.	Agroworld , Dhule	Krshi Pradarshan	30,000/-
5.	Yuth Empowerment Summit, Nagpur	Conference	1/- Lakh
6.	Flora Expo (Media Today)	Krishi Pradarshan	1/- Lakh
7.	Krishi Development, Amarawati	Krishi Pradarshan	50,000/-
8.	Krishi Sanman Puraskar	Krishi Puraskar	1/- Lakh

Since the year 2001 there has been an increase in the cost of organizing Exhibitions, Trainings, Work-Shops and Conferences. So also using of modern techniques like IT applications, Slide Shows, Flex etc. is being adopted. Thus it was necessary to increase the amount of financial assistance to be given for this purpose. In the Board Of Directors meeting 122 of 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.

7. Advertise Of MSAMB :

Advertisement of MSAMB has been published in Calendar of Post Department and Magazines, details given below:



Sr.	Name of Institute/Magazine	Subject	Amount in Rs.
1.	Shetkarayncha Surya	Special Issue	25,000/-
2.	The Pune Post & Telecom Co-Op. Credit Society Ltd, Pune Calendar 2016	Calendar	9,000/-

8. 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.

9. Publication of Articles:

MSAMB is always committed to disseminate knowledge related to agriculture marketing among the farming community. Details about the articles published in MSAMB's monthly issues of "Krushi Panan Mitra" during the reporting year are as under;

Sr.	Name of Article	Period
1.	Mango Processing	April 2015
2.	Turmeric Cultivation & Process	April 2015
3.	Food Processing – An Opportunity for Farmers	April 2015
4.	Methods to maintain vegetables at home	April 2015
5.	Kharif onion planting technology & sales management	May 2015
6.	Weather based 'Crop Insurance Scheme' for fruit	May 2015
7.	Warehouse for storage of your commodities at your doorstep	May 2015
8.	Ratnagiri agricultural cooperative processing societies "nuts processing industry"	June 2015
9.	Co-operative generation next – strength of movement	June 2015
10.	Farmers 'good to eat' process industry	June 2015
11.	What farmer producer company means, brother?	July 2015
12.	Utility of aromatic plants	July 2015
13.	Export of Organic agriculture product	July 2015
14.	Storage of fruits and vegetables under temperature control	August 2015
15.	Pledge Loan Scheme for agriculture produce	August 2015
16.	Processing industry an Opportunity	August 2015
17.	Machinery required for food processing industry	August 2015
18.	Grapes - harvesting, handling, packing and storage	August 2015
19.	Pre-harvest and Post-Harvest Technology for Banana Export	September 2015
20.	Necessity of Soyabean processing industry	September 2015
21.	Lentils and Beans Production - a Rural Industry	September 2015
22.	Post-Harvest Technology and Marketing Of Flowers	October 2015
23.	Methods Of long term conservation of Fruits and Vegetables	November 2015
24.	Management of vegetables Post harvest	December 2015
25.	Status & Opportunities in Agrl Export in Maharashtra	January 2015



Sr.	Name of Article	Period
26.	Techniques of cultivation Rabi onion and crop planning	January 2016
27.	Onion export opportunities and hurdles in India	January 2016
28.	Farmers market - opportunity to sell commodities directly by farmers	February 2016
29.	Maharashtra agricultural goods exports - status and opportunities	February 2016
30.	Standards required for export quality fruits, vegetables and flowers	February 2016
31.	Radiation of agriculture produce and future opportunities	
32.	Standards for food processing	February 2016
33.	Quality Center for flowers	March 2016

10. 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 Broad casting	Name of Doordarshan Centre
1.	Shree Milind Akre Managing Director	Shetamal Taran Yojana	30/7/2015	Mumbai
2.	Dr. Bhaskar Patil Assistant General Manager	Producer to Consumer direct sale of agri produce	21/10/2015	Mumbai
3.	Shree D.M. Sabale Assistant General Manager	Storage of onion & remedies	31/12/2015	Mumbai
4.	Dr. Bhaskar Patil Assistant General Manager	Farmers Weekly Market	21/10/2015	Pune



11. Training:

To disseminate the knowledge on different aspects, to the employees of MSAMB, in house training programs and demonstration programs on various issues were organized on working Saturday. Due to these trainings the employees of MSAMB have gained knowledge of various topics which has helped to change their outlook, functioning. At the In house training lectures as under were arranged.

Sr.	Date	Subject	Name of Lecturer
1.	20/6/2015	Domestic trade and export under the Agricultural Marketing Board	Dr. Bhaskar Patil
2.	1/8/2015	NIAM Agricultural Marketing	Shri. Vinayak Rane
3.	11/9/2015	Food Digestion	Shri. Madhav Joshi
4.	17/10/2015	E- Banking	Shri. C.L. Jangale/Shree Santosh
5.	30/10/2015	ERP Software	Shri. Amol
6.	31/10/2015	Officer / Employee qualitative growth	Shri. Shriram Bhende

12. 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 getting collected. Collection on books in the library is about 3,830 books.

Necessary steps to be taken to upgrade the library more effectively by purchasing various newly published books. 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 Mahrhata Chamber Of Commerce etc., has been sought through Library Department.

In library, daily 15 new papers are available and subject wise cutting & collection work is being undertaken in the library.



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.

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, 72 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 8 to 9 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.

Fruits and Grain Festival:

MSAMB arranges different seasonal fruit festival like Mango, Grapes, Pomegranates, 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. Sponsor of Fruits and Grain Festival will get the subsidy as below –

- 1) Within Municipal Corporation – Rs.60,000/-
- 2) Dist. level – Rs.20,000/-
- 3) Taluka level – Rs.10,000/-

For the marketing & advertisement of Fruits and Grain Festival sponserer will be paid Rs.10,000/-. Sponserer need to build minimum of 10 & maximum of 50 stalls in the festival.

Maharashtra State Agricultural Marketing Board, Pune
Annual Report, Year 2015-2016



In the year 2015-16 total 10 beneficiaries participated in fruit & grain festival and total subsidy of Rs.5.78 lakh is released to those beneficiaries ;

Sr.	Name	Festival, Period and place	Subsidy Amount Rs.
1.	Swanand Mahila Bachat Gat, Pune	Mango, Dt.20/04/2015 to 08/05/2015, Goyal Ganga Group, Singhgad Rd., Pune.	60000.00
2.	Swamini Mahila Bachat Gat, Pune	Mango, Dt.10/05/2015 to 20/05/2015, Mahesh Vidyalay, Kothrud, Pune	60000.00
3.	Dhanashree Mahila Bachat Gat, Pune	Mango, Dt.16/04/2015 to 24/04/2015 Balgandharva Ranga Mandir	60000.00
4.	Yashashree Bachat Gat, Pune	Mango, Dt.25/04/2015 to 01/05/2015 Balgandharva Rangamandir, Pune	60000.00
5.	Project Director ATMA, Pune	Grain & Fruit, Dt.25/04/15 to 27/04/15 Krushi Bhavan, Pune	50000.00
6.	Jivhala Mahila Bachat Gat, Pune	Mango, Dt.12/05/2015 to 16/5/2015 Ramkrishna More Auditorium, Chichwad, Pune	55000.00
7.	Manini Mahila Bachat Gat, Pune	Mango, Dt.17/05/2015 to 21/5/2015 Ramkrishna More Auditorium, Chichwad, Pune	55000.00
8.	Swamini Mahila Swayamsahayata Bachat Gat, Pune	Mango, Dt.07/5/2015 to 12/5/2015 Balgandharva Rangamandir, Pune	60000.00
9.	Kirti Bachat Gat, Pune	Mango, Dt.07/5/2015 to 15/5/2015 Ramkrishna More Auditorium, Chichwad, Pune	58000.00
10.	Jagruti Mahila Bachat Gat, Pune	Mango, Dt.13/5/2015 to 18/5/2015 Balgandharva Rangamandir, Pune	60000.00
		Total	5,78,000

In the year 2015-16 farmers from Vidarbha region sold 2400 MT Oranges in Pune city. MSAMB also arranged Mango festival from 08/04/2015 to 30/06/2015 where farmers from Konkan region sold approx. more than 90000 dozens of fresh Mango directly to the consumers.

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 spent / Utilized by MSAMB for the above said 3 cities is as below;

City	Parameters of the scheme	No. of Beneficiaries	Subsidy disbursed Rs.
Mumbai	Grading & Packing Unit	45	86.65
	atmospheric Controlled Unit	1	2.00
	Static / mobile vending cart	00	00
	Motorized Vending Cart	6	12.00
	Mumbai Total	52	100.65
Nagpur	Grading & Packing Unit	3	12.00
	atmospheric Controlled Unit	2	7.72
	Static / mobile vending cart	3	0.45
	Motorized Vending Cart	41	82
	Nagpur Total	49	102.17
Pune	Grading & Packing Unit	19	68.86
	atmospheric Controlled Unit	33	80.58
	Static / mobile vending cart	81	11.77
	Motorized Vending Cart	82	163.73
	Pune Total	215	324.94
	SCHEME Total	316	527.76

Farmer's Weekly Market

MSAMB is working on the concept of farmers produce to consumers without middleman Direct Marketing, under which MSAMB organizing Farmer's Weekly Market in Pune city with the intention to provide fresh vegetables and fruits to the consumers. It also benefits the farmers in terms of Money. Currently there are 6 Farmer's Weekly Market in Pune city these are as below -

- I. Gandhi Bhavan, Kothrud – Sunday (Started on 29th June 2014.)
- II. Baner – Saturday (Started on 8th November 2014)
- III. Katraj– Wednesday (Started on 8th April 2015)
- IV. Balewadi – Thursday (Started on 2nd July 2015)
- V. Bavdhan – Friday (Started on 7th August 2015)
- VI. Nigadi, Pradhikaran – Sunday (Afternoon) (Started on 9th August 2015)



MSAMB is planning to start 4 new Farmer's Weekly Market in Pune city as well as MSAMB also planning to start Farmer's Weekly Market in major cities of Maharashtra. 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.

Organizing Training Program –

MSAMB with the help of National Institute of Agricultural Extension Management (MANAGE) Hyderabad, N.I.A.M., Jaipur, I.I.F.T., New Delhi, & other Institutions jointly conducted training program or sending officials and non-officials of APMC's for their training programs, MSAMB is also organizing training program for the non-officials and officials of APMC's in N.I.P.H.T. on various issues related to Agricultural Marketing.



H) Talegaon Farm

MSAMB is having 151 acres of land at Talegaon Dabhade. Out of these 53 acres is under cultivation, 42 acres land is under lake, 19 acres of land is unitized by Horticulture Training Centre, remaining 37 acres of land in uncultivable i.e. under road, building, Nalas and fallow land.

Nursery:

Agriculture Department has renewed the permit of nursery. In nursery we are propagating Mango, Sapota, Coconuts, Aonla, Tamarind, Custard Apple and Fig. We are providing these propagated plants to the various farmers throughout the State at Government rate.

Horticulture:

At Gilbilpatti farm 17 acres of land is under fruit orchards which was sold on contract basis for period of five years.

Water Tank:

There is a Government resolution to give water tank for co-operative Fisheries Society therefore we have given this Tank to Naval Taluka Fisheries Co-operative Society Talegaon Dabhade.



6) Other Projects

Convergence of Agricultural Interventions in Maharashtra (CAIM)

International Fund for Agricultural Development (IFAD) and Sir Ratan Tata Trust (SRTT) assisted Government of Maharashtra's Convergence of Agricultural Interventions in Maharashtra's (CAIM) Distressed Districts.

District: Akola, Amravati, Buldhana, Yavatmal, Washim and Wardha Districts.

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.

This area comes under traditionally rained agriculture as irrigation facilities are around 8% of the cultivable area. Cotton the most preferred cash crop till last year has been replaced by Soyabean. Farmers have changed their cropping pattern from food crops like sorghum and pigeon pea, etc. to cash crop for better returns. This has resulted in to large extent food insecurity in the area. The livelihoods related with livestock also have been limited due to shortage of fodder and animal feed.

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

Target Population

- **Small & Marginal Farmers:** - BPL, SC/ST, Farmers under agrarian distress
- **Landless Household:-** BPL, SC/ST

Project Components: The major component of the programme is as below

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

Achievement

- During 2015-16 till March 2125 SHGs have been formed/adopted. Out of 2125 SHGs 658 SHGs are newly formed and 1467 are adopted SHGs.
- 1576 SHGs have been linked with bank for different livelihood activities.
- 74 VLCs have been formed in new CMRCs
- 967 Ultra poor families have been received financial support for small business like Poultry, Goatry and other off farm business
- Project given support to 300 SHG members to access financial inclusion scheme “Pradhan Mantri Jandhan Yojana”.
- 10 Agro service centers established through CMRC
- 2667 Producer group/Farmer Group, 212 JLGs and 1503 BCI Learning Groups have been formed.
- During the year 3 producer companies have been established
- 111 Well Recharge has been completed through IFAD support and 250 through convergence.
- 44 New CNB construction done through IFAD support and 41 through Convergence, 289 CNB desilting completed through IFAD support and 211 through Convergence support, 18 Sunken Dug out Pond completed through IFAD support, 29 Nala Deepening completed through IFAD support and 40 through convergence support.
- 454 Farmpond completed through IFAD support and 147 Farm pond completed through other scheme (Convergence).
- 254 Sprinkler sets were distributed to farmers.
- 314 irrigation equipment has been distributed
- This year total 3343 persons have been undergone for Vocational training for different trades
- 86786 farmer undergone training for sustainable agriculture
- During 2014-15 project covered 41923 cotton growing farmers under Better Cotton Initiative and during 2015-16, 57607 farmers have been trained for cotton production by following six principles of BCI. 129 Field Facilitators are looking after 1503 Learning Groups across 5 districts Akola, Amravati, Buldana, Wardha, Yavatmal. 16 CAIM officers are working as a PU Mangers.
- 1380 Cotton Bales have been prepared
- **Market linkage** -70 market linkage has been done for 4027 farmers and 3720.5 ha
- **Direct Marketing of Orange** - During 2014-15, 149 tonns oranges were sold to Pune and Banglore with the concept of direct marketing from farm to consumer. In



- 2015-16 Project facilitated to 318 Farmers to sell Oranges in 12 different cities 1235.11 ton Oranges have been sold directly to consumers and Malls.
- BBF sowing done on 13937 Ha for soybean, Gram and Tur etc. Across 6 districts. Farmers are adopting this technique because of increase in yield and they have applied BBF technique for Gram also in Rabbi Season.
 - LEISA techniques applied on 10692.7 Ha for Soybean, cotton, Pigeon Pea (Tur), etc.
 - During the year project emphasize on Testing on Soil Sample, 2015-16, 11110 soil samples have been tested in different laboratory RCF, Reliance Foundation, Purti Group, IFFCO, Neelavar, Green Planet etc. and result have been received for 8376 samples.
 - Seed Treatment has been done on 11454.4 Ha for Soybean, Pigeon Pea (Tur), Cotton, Turmeric, Black Gram, Green Gram etc.
 - 41 demonstration plots of soybean, Tur, Cotton, vegetables etc have been treated with bacterial culture.
 - Cotton sowing with Bed Maker technique has been done on 1888.62 Ha
 - Promoted for preparation of 488 Cow Pit Pat Unit (CPP Unit), 315 Biodynamic Compost Heaps and 45 Taral Khat units.
 - 145 Honey Bee Boxes have been promoted for better pollination in Onion seed plot.
 - 7 CAIM villages have been covered for demo. Fruwash is Organic Solution which helps to retain freshness of fruits and Vegetables for 21 days.
 - **Collective Input Purchase:** - 1742 tons gypsum has been distributed, 1880 tonn Single Super Phosphate has been distributed, 75 tonn powder form SSP has been distributed, 316 quintal Urea and DAP (Dia Ammonium Phosphate) has been distributed to 37 farmers, 40197 packets of S9 culture, 2.46 quintal Maize seeds, 3270 liter Weedicide has been distributed to farmers.
 - Through Govt department Graded Bunding has been done on 2296.48 ha.
 - 2599 farmers associated for Contract Farming of Soyabean, gram – 868.5 ha, okra seed-160 ha, onion 93.5 ha, onion seed 120 ha, Bengal gram-87.6 ha, mustered - 78.7 ha
 - Cultivation with 1018 farmers and 13581 trees.
 - **Agri Enterprises / Crop Diversification:** Marigold Cultivation on 68.3 Ha, Drumstick production on 5.6 Ha, Hy. Tomato 1.4 Ha, Hy. Tomato seed on 0.6 ha, Nutrifeed on 86.8 Ha, papaya on 5.7 ha, Turmeric on 44.4 ha, Vegetable on 2.5 ha, Watermelon on 8.0 ha and Apple Bore on 2.6 ha.
 - **Publicity Campaign:-** distributed per cluster 1000 leaflets to farmers.
 - For “Farm to Consumer” marketing of oranges 1000 leaflets in English language and 2000 leaflets in local language (Marathi) has been distributed.
 - 200 leaflets distributed to field facilitators and Project for Integrated pest management technique
 - 150 leaflets for Lac cultivation method have distributed to project staff.
 - 3 Agri. Input Center have been established trough Producer Company



- During 2014-15 project covered 41923 cotton growing farmers under Better Cotton Initiative and during 2015-16, 57607 farmers have been trained for cotton production by following six principles of BCI. Biodynamic Compost unit
- Project supported for 12 Shed net
- 26 new Dalmills are established and Cumulative 47 Dalmills were established
- **Farm Implement Bank-** 79 BBF planters have been procured.
- 3 grading units, 1 turmeric cooker, 8 Rotavator, 32 Spiral Separator, and 9 farm equipments have established by the project.
- Project Supported to established 1 Jute Bag making Unit
- 3 tractor units have been established in Project area.
- Through SME 430 SHGs, 29 FG, 154 PGs and 38 JLGs have been benefitted.
- 358 households' dairy, 543 goat units, and 6682 poultry units have been established in this year.
- Project conducted 178 De-worming camps with animal husbandry department.

Participation in Exhibition:-

Krushi Vikas Exhibition Amravati-

- 10th to 13th April 2015
- Participation of 33 SHG
- Business done Rs 33 Lakh
- Products sold- Eggs, Tur dal, Turmeric, Red Chili Powder, Honey, Handicrafts goods, Pickle, Sweets etc.

Krushisamrudhhi Agro Exhibition, Washim

- 12 to 13 April 2015
- Participation of 64 SHG
- Business done Rs 4. 74 Lakh

Konkan Festival, Amravati

- 13 to 17 May 2015
- Participation of 5 SHG
- Business done Rs. 1.20 Lakh

Kolkata Exhibition (Agroprotect)-

19th to 21st November

Warud (Krushi and Orange Festival) 1st to 4th September 2015

Karad Exhibition – 24th to 28th Novemebr 2015,

Agrovision Exhibition, Nagpur – 11 to 14 Dec 2015-

Smart City Exhibition, Amravti



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)

Unit	Total Project Cost	Expenditure FY 2015-2016	Expenditure Till Date	% Expenditure Till Date
1. Project Co-ordination Unit	60.78	8.06	35.08	57.71
2. Project Implementation Unit (Agri. Marketing)	277.46	55.49	191.13	69.00
3. Project Implementation Unit (Agriculture)	168.97	25.46	90.95	54.00
4. Project Implementation Unit (Animal Husbandry)	9.13	1.95	5.51	60.35
Sub Total	516.35	90.96	322.68	62.50
5. Beneficiary Contribution	191.85	12.92	41.56	21.65
Total	708.20	103.88	364.24	51.37

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. These workshops have helped to updated the knowledge and thus have helped to speed up the work under MACP. 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 & FCSC have been geared up with the help of selected Service Providers and around 3900 CIGs have been promoted in Phase I districts. The Service Providers for promotion of CIGs/ FIGs have promoted 8105 CIGs in 23 districts under Phase II & Phase III of the Project. The ongoing activities such



as crop demos, post-harvest technology management demos, innovative pilots & 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. 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, monitoring specialized studies etc. have been completed by the agency.
6. 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 district, under Goat as High Value Enterprise 250 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.
7. 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 of date works of 306 RHs have been completed. The civil works of 94 RHs is in progress.
8. Repairs of 112 MSWC warehouses, and procurement of lab equipment's for all 40 MSWC RHs has been completed. Till date 36,202 farmers warehouse receipts are generated, 1,92,344 MT of food grains stored & Rs. 153.09 crores worth of warehouse receipts availed.
9. 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 & training programs for the officials of APMCs. The out of state exposure visits, and experience sharing workshops have been organized to create awareness within the stakeholders about the MMIP.



10. In all the phases (1, 2 & 3) the civil works in 45 APMCs and 16 LSMs is completed. The civil works in 23 APMCs & 03 LSMs has already commenced. Further, 14 APMCs and 05 LSMs are in the tender process.
11. Market Information Display (MIDs) has been installed in 150 APMCs. Similarly, in 25 APMCs Computerised Auction System (CAS) is being implemented. In 05 APMCs Computerised Auction System is being initiated.
12. Standardised Accounting System (SAS) through Tally software is being undertaken in all 300 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. Instructions have been issued to the field officers of the project and the activities are being monitored at the sub project sites regarding compliance to ESMF and GAAP, in addition to the departmental guidelines issued from time to time.
14. The Project Team expresses deep gratitude towards World Bank team and Hon. Additional Chief 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 has to invest at least 60% of project cost and remaining 40% of cost will 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 will 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 up to 2017.

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 are found to be non-responsive as required documents were not submitted by the bidder. The PMU has therefore completed and closed the bid process without selection of a concessionaire for any location or IVC.
- JFPR project is being implemented in Nashik and Aurangabad-Amravati region IVCs. Under JFPR project capacity development of farmers is envisaged. To link farmer with various marketing channels, 18 farmer producer companies (FPCs) are registered under companies Act and their activities are being monitored by the project through Business Development Facilitators (BDFs). BDFs are working with FPCs to increase share capital and members, to collect crop wise production data, preparation of business plan and linking PCs with various marketing channels.
- Business plan of 17 FPCs are drafted. Under Capacity building program Marketing training for total 105 FPC directors was conducted at MANAGE, Hyderabad and National Institute of Post-Harvest Technology (NIPHT), Talegaon Dabhade.
- To motivate the FPCs' Directors, exposure visit to other successful FPCs, Organizations having their own model of supplying Fruits and Vegetables directly to the consumers, KVKs, agro processing units etc. were organized. Total 99 directors participated in the exposure visit.
- Proposal is submitted to GoM for permission to conduct bid process with option of private land for proposed 4 IVCs or to submit a new project to ADB based on private land but doing away with the bidding process.
