

Approval of Annual Report of BAMETI for the FY 2008-09

Training : 101 (5145)

Seminar : 9 (5377)

Strategic Research & Extension Plan

As a part of the implementation of the Centrally Sponsored Scheme 'Support to State Extension Programmes for Extension Reforms' an action plan has been worked out to ensure implementation of Extension Reforms through organization of the state level orientation workshops, Master Trainers Training Programmes, District level SREP training and field data collection for timely preparation and Operationalisation of SREPs by all the districts. It is necessary to upgrade and orient the National Resource Persons of MANAGE to provide handholding to the districts. Accordingly, the following Training / Workshops were conducted during 2008-09.

Sl. No.	Name of the Workshop/Training	Date	Duration	No. of Participants	No. of Mandays	Place
1.	SREP Training at Lakhisarai	10.04.08 - 13.04.08	Four Days	40	160	Lakhisarai
2.	SREP Training at Jehanabad	Do	Do	45	180	Jehanabad
3.	SREP Training at Siwan	Do	Do	35	140	Siwan
4.	SREP Training at Kaimur	Do	Do	35	140	Kaimur
5.	SREP Training at Kishanganj	15.04.08 - 18.04.08	Four Days	45	180	Kishanganj
6.	SREP Training at Sheohar	Do	Do	25	100	Sheohar
7.	SREP Training at Samastipur	Do	Do	41	164	Samastipur
8.	SREP Training at Darbhanga	5.05.08- 8.05.08	Four Days	40	160	Darbhangha
9.	SREP Training at Khagaria	10- 13.05.08	Four Days	45	180	Khagaria
10.	SREP Training at Arwal	10- 13.05.08	Four Days	35	140	Arwal
11.	SREP Training at Gopalganj	05- 08.05.08	Four Days	35	140	Gopalganj
12.	SREP Training at Supaul	02- 05.06.08	Four Days	39	156	Supaul
13.	SREP Training at Araria	07- 11.06.08	Four Days	41	164	Araria
14.	Review of SREP Progress of New 23 Districts	1.08.08	One Day	35	35	Patna

15.	Vetting of SREP	4.08.08 – 7.08.8	Four Days	23	92	Patna
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Operationalisation of ATMA

In order to revitalize the agricultural extension in the States to make the extension system decentralized and demand driven, the Ministry of Agriculture, Govt. of India is implementing a centrally sponsored scheme "Support to State Extension Programs for Extension Reforms". The scheme mainly focuses on operationalising agricultural reforms across the country through new institutional arrangement with restructured autonomous bodies at district / block level, which are flexible, bottom-up, farmer-driven and with promote public-private partnership. BAMETI has been identified as the apex institute for facilitating the implementation of this scheme by initiating various capacity building programmes for the state officials of agriculture and other line departments including State Agricultural Universities in developing Strategic Research and Extension Plans (SREPs) for the selected district, State Extension Work Plans (SEWPs) and Operationalization of SREPs and ATMA. Accordingly, following programmes were organised during 2008-09.

Sl. No.	Name of the Workshop/Training	Date	Duration	No. of Participants	No. of Mandays	Place
1	Workshop on Preparation DAAP & SEWP	4.04.08-5.04.08	Two Days	35	70	ICAR, Patna
2	Training Programme on Support to State for Extension Programme Under Extension Reforms	19.04.08	One Day	10	10	Patna
3	Preparation of District Annual Action Plan for the ATMA Districts	25.04.08-30.04.08	Six Days	20	120	Patna
4	Operationalization of ATMA Scheme	09.06.08	One Day	37	37	DNSRICM, Patna

Human Resource Development

Sl. No.	Name of the Workshop/Training	Date	Duration	No. of Participants	No. of Mandays	Place
1	Workshop on Promotion of Farmers' Organizations and federations under Extension Reforms	12-14.05.08	Three Days	14	42	Patna

Under extension reforms group approaches have been followed as a strategy for technology dissemination. The groups could bring in the benefits of risk minimization, resource pooling, timely input access, negotiating with service providers, market forces etc. Adopting this approach has helped in exploring new areas and enterprises, which would otherwise, will not be possible on part of an individual farmer. Apart from the benefit to the farmers, the delivery system has also found

this approach effective in building their capacity and to work out a mechanism to address the farmer's needs locally, ultimately facilitating effective development of agriculture. It is in this context, there is an urgent need for capacity building of different stakeholders in formation and management of commodity interest groups and federations. BAMETI initiated the concept in the State and organized training programme for various stakeholders to acquaint the personnel to various methodologies of group approach as well as to the management processes and strategies and have an insight into the involvement of these groups in agriculture and allied sector development, in addition to the monitoring of progress and managerial skills for sustainable development of CIGs and federations.

2	Role of Agri Clinic & Agri Business Centre in Agricultural Extension	24.09.08-26.09.08	Three Days	27	81	DNS Regional Institute of Cooperative Management, Patna
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Scheme of Agri-Clinics and Agri-Business Centres is being implemented since 2002 through 5 recognized training institutions across the state. Training institutions are providing training and handholding support to unemployed agriculture graduates. To sensitize officials and stakeholders regarding the Role of Agri-clinic and Agri Business in Agriculture Extension, training programme was organized with an objective of to share the success stories, to work out possible interventions of centre, state government and banks, to explore the role of agri business companies, to prepare Back-at-work-plan.

3	Human Resource Development for Agricultural Extension Management	21-23.12.08	Three Days	57	171	Department of Extension Education, RAU, Pusa
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The quality of research and extension depends on the ability of the scientists and extension personnel of state agricultural system. It is therefore necessary to sensitize the personnel of these systems to their changing role in the pluralistic approach envisaged under Extension Reforms Programme. In particular there is need for enhancing their understanding and skills in managerial and behaviour aspects. In other words they are required to be exposed to various facets, processes and functions of management. The personnel need to have good grounding in principles and practices of team work and other aspects relating to organizational behaviour and development. BAMETI organized the training Programme on the topic with an objective to enhance the understanding of participants on general principles of management, to get them acquainted with principles and practices of team work, to help them appreciate the processes and mechanisms in inter and intra organizational Management, to develop plans for application of managerial skills in back home situation.

4	Training Programme on Managerial Tools and Techniques in Project Management	22-24.12.08	Three Days	20	60	DNS RICM, PATNA
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Besides the technical knowledge in their respective disciplines, extension professionals require to build on their managerial skills for effective performance. Hence, the training program is proposed to update the extension managers about their managerial skills for effective performance. To orient the participants on the principles and practices of team work. The objective of the programme was to help them develop an understanding on the behavioral aspects in organizational context; To upgrade the participants' understanding on their potential for effective performance; To help to

generate the individual process plans to be used at back at work projects.

5	Farmer Led Extension – Concept, Potential, Models and Experiences	25.02.09-27.02.09	Three Days	20	60	DNS RICM, PATNA
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Farmer-led Extension approaches are found to be very effective compared to extension worker led extension. However, transforming farmer into extension worker is a challenging task faced by extension educationist world over. This course attempts to discuss the farmer-led extension approaches, orient on various models and learn through experiences. The objective of the Training programme was to to understand the concept and potential of farmer- led extension; to discuss on Farm Schools, farmer field school, farmers' organizations - their federations, Farmers Professor, and similar farmer-led extension approaches; to learn from experiences of NGOs in farmer-led extension; to expose the participants to international models in farmer led extension; To learn from case studies and experience sharing.

Horticulture Extension Management

The changing economic scenario and the emerging market opportunities due to liberalization and export orientation have placed greater challenges to the technology dissemination systems in the agriculture and allied sectors. It is expected that the future growth in agriculture is likely to be generated through improvements in productivity of diversified farming systems with regional specialization, sustainable management of natural resources, linkage of production system with marketing, agro-processing and other value added activities at the farm level. In view of this, the nature and scope of the agricultural extension programmes are being modified to suit the requirements. Considering the present scenario, the effort is being made to develop the conceptual understanding and skills of the field extension personnel in agriculture and allied sectors to various concepts. The training programme under Horticulture sector was organized as an attempt to Orient on problems and prospects in Horticulture, better management practices in horticulture, communication process and problems in Horticulture extension, strategic planning and extension for profitability in aquaculture, post harvest management and value additions of Horticulture, entrepreneurship development: Nursery operation and management and development and welfare scheme.

Sl. No.	Name of the Workshop/Training	Date	Duration	No. of Participants	No. of Mandays	Place
1	Exposure visit to Naya Nagar Samastipur Regarding Micro Irrigation	04.05.08	One Day	42	42	Samastipur
2	Exposure visit –Cum Training on “ Micro Irrigation Project ” at Jalgaon, Maharastra	12-14.05.08	Three Days	16	48	Jalgaon
3	Sensitization workshop on “ Naya Bag Lagao Abhiyan 2008 ” for DHOs and PD ATMA	26.05.08	One Day	75	75	Patna

4	Training Programme on Extension Approaches for Horticulture Development	16-18.12.08	Three Days	49	147	Bihar Agriculture College, Sabour, Bhagalpur
5	Facilitator Training on Integrated Farming System	12-13.01.09	Two Days	50	100	ICAR RCER, Patna

Information & Communication Technology

Information and Communication Technology (ICT) is gaining importance as a tool to support the delivery of Extension Services. Application of ICT has been found to be helpful in linking the knowledge base in research organizations with field level personnel. Augmenting media and information technology support for extension is also one of the major components of Policy Framework for Agricultural Extension. In view of the focus on ICTs for improving the delivery of agricultural information, the following programmes were conducted by BAMETI in 2008-09.

Sl. No.	Name of the Workshop/Training	Date	Duration	No. of Participants	No. of Mandays	Place
1	Training On Computer Application & EMS	10-14.06.08	05 Days	20	100	CAE, RAU, Pusa
2	Workshop on Internet Based Agricultural Marketing Network to Support Agricultural Marketing Extension	27.01.09-29.01.09	Three Days	76	228	DNS RICM, Patna
3	Bridging the knowledge Gap in Agriculture : Role of ICTs – Options and opportunities	23.03.09-25.03.09	03 Days	25	75	Patna

Fisheries Extension

Bihar has a great scope in Fisheries development. Fisheries along with crop and animal husbandry shall not only boost the economy but also give definite improvement in the farm income. Key areas identified for training needs by BAMETI in fisheries sector were Orientation on problems and prospects in fisheries, better management practices in fisheries communication process and problems in fisheries extension, Strategic Planning and extension for profitability in aquaculture, Training Strategies for fisheries development, development of fishery based farming systems, Community Based Organizations for self reliant development and value additions of fish, entrepreneurship development and hatcheries development, operation and management. The

objective of the training programme conducted by BAMETI in 2008-09 was to acquaint the participants on emerging issues and developments in fisheries, to orient the participants on extension approaches for fisheries development and to develop effective extension strategies for fisheries extension

Sl. No.	Name of the Workshop/Training	Date	Duration	No. of Participants	No. of Mandays	Place
1	Training Programme on Freshwater Prawn Breeding and Seed Production	23-26.06.08	Four Days	37	158	College of Fishery, Dholi, Muzaffarpur
2	Fresh Water Prawn Culture	24-27.07.08	Four Days	38	152	COF, Dholi
3	Workshop on Intensive Carp Farming	16.09.08-19.09.08	Four Days	38	152	College of Fisheries, Dholi, Muzaffarpur
4	Training Programme on Recent Aquaculture	19.01.09-22.01.09	Four Day	39	156	SIHFW, Sheikhpura, Patna
5	Training Programme on Aquaculture Management	03.03.09 – 06.03.09	Four Days	31	124	SIHFW, Sheikhpura, Patna

Seed Production

Since seed is the delivery system through which almost all scientific advancements get transferred to the crop production scenario, availability of quality seed, is undisputedly a major factor for improvement of this sector. With an objective to accelerate the Seed replacement ration in farm, CM's Crash Seed Production Programme was launched. To augment the availability of trained Resource Person to help farmers in the field BAMETI organized a Master's Trainer Programme for all the Districts in the Year 2008-09

Sl. No.	Name of the Workshop/Training	Date	Duration	No. of Participants	No. of Mandays	Place
1	Training programme of Master Trainer under CM rapid seed Production Programme for Patna, Saran, Darbhanga, Magadh, & Bhagalpur Commisnories	07.05.08	One Day	100	100	Patna
2	Training programme of Master Trainer under CM rapid seed Production Programme for Tirhut, Koshi, Purnia, & Munger	08.05.08	One Day	100	100	Patna

	Commisionaries					
3	Orientation Programme on Seed Village for District Scientists	19-21.05.08	Three Days	19	57	Patna
4	One day Sensitization workshop on “Seed Village” for Patna Commissionery Collaboration with DNSRICM, Patna	27.05.08	One Day	260	260	Patna
5	One day Sensitization workshop on “Seed Village” for Magadh Commissionery Collaboration with DNSRICM, Patna	28.05.08	One Day	270	270	Patna
6	One day Sensitization workshop on “Seed Village” for Tirhut Commissionery Collaboration with DNSRICM, Patna	29.05.08	One Day	270	270	Patna
7	One day Sensitization workshop on “Seed Village” for Bhagalpur Commissionery Collaboration with DNSRICM, Patna	30.05.08	One Day	100	100	Patna
8	One day Sensitization workshop on “Seed Village” for Saharsa Commissionery Collaboration with DNS, Patna	31.05.08	One Day	140	140	Patna

Animal Husbandry & Dairy Extension

Livestock sector is recognized as growth engine in adding value to livelihoods at the micro level and building economy at macro level. Crop and livestock production have been well documented for synergies in agriculture production systems. Small and marginal farmers and agricultural labour hold 80% of the livestock to subsist their livelihoods. Though animal husbandry continues to be very important activity in sustaining rural economy there is some knowledge deficit among livestock owners, which needs to be bridged to improve the livestock status of rural poor. In addition to this, National Development Council has fixed the target growth rate of 10% during IX plan. In order to achieve over all targeted growth, agriculture has to contribute 4.1%. To realize the mammoth target and bring dynamism in agriculture, animal husbandry has to play a major role. Public extension system of Animal Husbandry department is expected to bring desirable changes in the farmer's behavior, knowledge, skill and attitude through education and training to improve their production, access to services from relevant institutions, facilitate farmer operated organisations and link farmers with an appropriate market for their produce.

Sl. No.	Name of the Workshop/Training	Date	Duration	No. of Participants	No. of Mandays	Place
1	Recent Advances in Veterinary Pathology / Microbiology	14.07.08 – 16.07.08	03 Day	32	96	BVC, Patna
2	Training Programme on Extension Approaches for Livestock Development	25-27.06.08	03 Days	35	105	BVC, Patna
3	Training Programme on “Recent Advances in Poultry Production”	29.09.08-1.10.08	Three Days	30	93	Bihar Veterinary College, Patna
4	Training Programme on Livestock Bye Products Management & Marketing	22-24.12.08	Three Days	45	135	Bihar Veterinary College, Patna
5	Training Programme on Integrated Animal Husbandry and Health Management (Primary Animal Health Care)	29.01.09-31.01.09	Three Days	54	162	Bihar Veterinary College, Patna
6	Training Programme on Recent Advances in Veterinary Medicine	18.02.09-20.02.09	Three Days	52	156	Bihar Veterinary College, Patna
7	Contribution of rural poultry in development of Bihar with special emphasis on poultry diseases control and management	16.03.09-17.03.09	Two Days	52	104	DNS RICM, Patna
8	Contribution of rural poultry in development of Bihar with special emphasis on poultry diseases control and management	19.03.09-20.03.09	Two Days	49	98	DNS RICM, Patna

Workshops on Technological Gaps:

To address the technology applications gap in different crops and how to bridge this gap in farm development a series of programme was organized in collaboration with Rajendra Agriculture University by BAMETI in the Financial Year 2008-09. The programmes were aimed at to identify the main causes for the technology applications gaps, inadequate support systems for small farm agriculture, such as credit, extension or input supplies while demonstrating the importance of socio-economic, as well as technical criteria, into account when designing and promoting new technologies for small farmers. To develop basic conceptual guidelines for improving the understanding of the circumstances of the small farm and the manner in which socio-economic factors influence agricultural production and technology transfer and to draw out recommendations

which could provide a more viable approach to the design, development, and transfer of agricultural technology to small farmers.

Sl. No.	Name of the Workshop/Training	Date	Duration	No. of Participants	No. of Mandays	Place
1	Workshop on Overcoming Technological Gaps in Paddy Production	15.05.08-17.05.08	Three Days	12	36	Patna
2	Workshop on "Overcoming Technical Gaps in Oilseed & Pulses Production.	8.09.08-10.09.08	Three Days	37	111	Department of Extension Education, RAU, Pusa
3	Workshop on "Overcoming Technical Gaps in Vegetable Production	16.09.08-18.09.08	Three Days	41	123	Department of Horticulture, Bihar Agriculture College, Sabour, Bhagalpur
4	Workshop on "Overcoming Technical Gaps in Wheat Production	22.10.08-24.10.08	Three Days	53	159	Department of Extension Education, RAU, Pusa
5	Workshop on "Overcoming Technological Gaps in Maize Production"	29.11.08 – 1.12.08	Three Days	49	147	Deptt. Of Extension Education, RAU, Pusa
6	Workshop on Overcoming Technical Gaps in Spices Production	17.02.09-19.02.09	Three Days	41	123	Department of Extension Education, RAU, Pusa
7	Workshop on Overcoming Technical Gaps in Orchard Management	18.03.09 – 20.03.09	Three Days	44	132	BAC, Sabaur, Bhagalpur

Rashtriya Krishi Vikas Yojna

A new Centrally Sponsored Scheme launched by the Govt. of India to facilitate the agricultural growth requires the preparation of agriculture plans for the districts and the states based on agro-climatic conditions, availability of technology and natural resources. BAMETI organized workshop at Commissionerate Level for Master Trainer's who facilitated the preparation of Comprehensive District Agricultural Plan of various districts.

Sl. No.	Name of the Workshop/Training	Date	Duration	No. of Participants	No. of Mandays	Place
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1	Meeting with Research Institutions for Preparation of District Plan Under RKVY	8.04.09	1 Day	58	58	Hotel Patliputra Ashoka, Patna
2	State Level Workshop on Preparation of CDAP under RKVY	12.07.08	1 Day	78	78	BVC, Patna
3	Regional Workshop on Preparation of C-DAP under RKVY for officers of Darbhanga Commissionery	16.07.08	1 Day	54	54	Commissionery Meeting Hall, Darbhanga
4	Regional Workshop on Preparation of C-DAP under RKVY for officers of Tirhut & Saran Commissionery	17.07.08	1 Day	99	99	ATMA, Training Hall, Muzaffarpur
5	Regional Workshop on Preparation of C-DAP under RKVY for officers of Purnea & Saharsa Commissionery	22.07.08	1 Day	74	74	Cooperative Hall, Purnia
6	Regional Workshop on Preparation of C-DAP under RKVY for officers of Munger & Bhagalpur Commissionery	23.07.08	01 Day	98	98	BAC, Sabour, Bhagalpur
7	Regional Workshop on Preparation of C-DAP under RKVY for officers of Gaya Region	25.07.08	01 Day	86	86	Hotel Surya, Gaya
8	Regional Workshop on Preparation of C-DAP under RKVY RKVY for officers of Patna Region	26.07.08	01 Day	64	64	Scada Business Center, Patna

Operationalisation of Farm School

The National Commission on Farmers has recommended: Farm Schools may be established in the fields of outstanding farmers. The emphasis for such schools are based on the belief that “Learning by doing” as well as ‘seeing and harvesting is believing’ with focus on farmer-to-farmer extension. The Farm Schools would be operationalized at Block/Gram Panchayat level in the field of outstanding farmers; in a Government / Non Government Institution. “Teachers” of the school shall be progressive farmers, extension functionaries or expert belonging to Government or Non Government Sector. In order to disseminate this extension methodology a training programme for the Operationalisation of farm school was conducted by BAMETI in 2008-09.

Sl. No.	Name of the Workshop/Training	Date	Duration	No. of Participants	No. of Mandays	Place
1	Training programme on Operationalization of farm school	26-28.05.08	Three Days	39	117	Patna
2	Training programme for Operationalization of farm school	26-28.06.08	03 Days	36	108	DNSRICM, Patna

Collaborative Programme with MANAGE, Hyderabad

BAMETI in collaboration with MANAGE, Hyderabad organized several training programme for the benefit of Extension Officials of the State in the FY 2008-09. Course on Farm Mechanisation was conducted given on an understanding that given the truly elemental human need for food, agriculture has been an essential human activity almost from the beginning, and it has often driven the development of technology and machines. Agricultural Engineering inputs have played appreciable role through appropriate mechanization like inputs for production and post production, judicious application of water and appropriate post harvest technologies. Major achievements have been in developing methodology for soil conservation, on farm water management, various improved agricultural equipments technologies for pre and post harvest.

Besides New Extension Mechanism with the Extension Reforms Programme in full swing a series of Training Programme on New approaches for Horticulture Extension was organized especially for extension officials of Horticulture Department.

In order to revitalize the agricultural extension in the States to make the extension system decentralized and demand driven, Operationalisation of ATMA and SREP is a key factor. MANAGE which has been identified as the apex institute for facilitating the implementation of this scheme organized two workshops in Bihar in collaboration with BAMETI which helped in capacity building for the state officials of agriculture and other line departments including State Agricultural Universities.

Sl. No.	Name of the Workshop/Training	Date	Duration	No. of Participants	No. of Mandays	Place
1	Training Programme on Horticulture Extension for Horticulture Officer's	18-08.08 – 22.08.08	5 Days	28	140	Patna
2	Training Programme on Horticulture Extension for Horticulture Officer's	25-.08.08 – 29.08.08	5 Days	26	130	Patna
3	Collaborative Programme on Operationalisation of ATMA & SREP	17-19.11.08	Three Days	30	90	DNS RICM

4	Collaborative Programme on Operationalisation of ATMA & SREP	20-22.11.08	Three Days	33	99	DNS RICM
5	Collaborative Programme on Course on Farm Mechanisation Extension	24.28.11.08	Five Days	25	125	DNS RICM
6	Training Programme on Horticulture Extension for Horticulture Consultants	2.03.09-6.03.09	Five Days	36	180	DNS RICM

Organic Farming

Under the National Project on Organic Farming BAMETI conducted series of training programmes for the farmers and Extension functionaries interested in Organic Farming in association with ATMA & Krishi Vigyan Kendras in the Financial Year 2008-09.

Sl. No.	Name of the Workshop/Training	Date	Duration	No. of Participants	No. of Mandays	Place
1	Training Programme on Organic Farming.	10.11.08-11.11.08	Two Days	23	46	Krishi Vigyan Kendra, Birauli, Samastipur
2	Training Programme on Organic Farming.	13-14.11.08	Two Days	35	70	Krishi Vigyan Kendra, Hariharpur, Vaishali
3	Training Programme on Organic Farming.	12.12.08-13.12.08	Two Days	25	50	Krishi Vigyan Kendra, Manpur, Gaya
4	Training Programme on Organic Farming.	17-18.12.08	Two Days	25	50	ATMA, Rohtas
5	Training Programme on Organic Farming.	26-27.12.08	Two Days	25	50	ATMA, Munger
6	Training Programme of Field Functionaries & Extension Officer's on Organic Farming.	12.01.09-16.01.09	Five Days	35	175	DNS RICM, Patna
7	Training Programme on Organic Farming. (Under National Project on Organic Farming)	16.01.09-17.01.09	Two Days	35	70	ATMA, Begusarai
8	Training Programme of Field Functionaries & Extension Officer's on Organic Farming.	19.01.09-23.01.09	Five Days	36	180	DNS RICM, Patna
9	Training Programme on Organic Farming.	30.01.09-31.01.09	Two Days	32	64	ATMA, Patna
10	Training Programme on Organic Farming & Quality	13.03.09-22.03.09	Ten Days	40	400	DNS RICM, Patna

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Collaborative Programmes with NIAM, Jaipur

BAMETI in association with National Institute of Agricultural Marketing, Jaipur has organized Training programme on Development / Strengthening of Agriculture Marketing Infrastructure, Grading & Standardization in the FY 2008-09. The programme intended on involving various stakeholders for awareness for Credit linked subsidy scheme for developing infrastructure.

Sl. No.	Name of the Workshop/Training	Date	Duration	No. of Participants	No. of Mandays	Place
1	Workshop on Agricultural Marketing Infrastructure, Standardisation & Gradation	7.05.08	One Day	50	50	ATMA, Purnea
2	Workshop on Agricultural Marketing Infrastructure, Standardisation & Gradation	9.05.08	One Day	50	50	ATMA, Katihar
3	Workshop on Agricultural Marketing Infrastructure, Standardisation & Gradation	12.11.08	One Day	50	50	ATMA, Samstipur
4	Workshop on Agricultural Marketing Infrastructure, Standardisation & Gradation	15.11.08	One Day	50	50	ATMA, Vaishali
5	Workshop on Agricultural Marketing Infrastructure, Standardisation & Gradation	12.12.08	One Day	50	50	ATMA, Gaya
6	Workshop on Agricultural Marketing Infrastructure, Standardisation & Gradation	16.12.08	One Day	50	50	ATMA, Rohtas

Collaborative Programme with Central Potato Research Station, Patna (ICAR)

A series of programme on Potato production was organised in collaboration with Central Potato Research Station (ICAR), Patna for the benefit of the farmers of Bihar. The training programme was organised to make aware the farmers of the new technology and quality seed production. The progressive farmers from 18 districts were trained.

Sl. No.	Name of the Workshop/Training	Date	Duration	No. of Participants	No. of Mandays	Place
1	Scientific Cultivation of Potato: Potato Seed Production and Management of Late Blight	17.11.08	One Day	50	50	CPRS, Patna

2	Scientific Cultivation of Potato: Potato Seed Production and Management of Late Blight	20.11.08	One Day	50	50	CPRS, Patna
3	Scientific Cultivation of Potato: Potato Seed Production and Management of Late Blight	1.12.08	One Day	50	50	CPRS, Patna
4	Scientific Cultivation of Potato: Potato Seed Production and Management of Late Blight	20.12.08	One Day	50	50	CPRS, Patna
5	Scientific Cultivation of Potato: Potato Seed Production and Management of Late Blight	30.12.08	One Day	50	50	CPRS, Patna
6	Scientific Cultivation of Potato: Potato Seed Production and Management of Late Blight	15.01.09	One Day	50	50	CPRS, Patna
7	Scientific Cultivation of Potato: Potato Seed Production and Management of Late Blight	25.01.09	One Day	50	50	CPRS, Patna
8	Scientific Cultivation of Potato: Potato Seed Production and Management of Late Blight	15.02.09	One Day	50	50	CPRS, Patna
9	Scientific Cultivation of Potato: Potato Seed Production and Management of Late Blight	28.02.09	One Day	50	50	CPRS, Patna

Workshops & Seminars

Sl. No.	Name of the Workshop/Training	Date	Duration	No. of Participants	No. of Mandays	Place
1	Machuara Diwas	10.07.08	1 Day	1500	1500	S.K. Memorial Hall, Patna

Machuara Diwas was organized by Department of Fisheries in collaboration with BAMETI, Patna. The function had participants from across the state mainly fishing community. The function marked the launching of Janashree Bima Yojna for Fishing Community by Hon'ble Chief Minister of Bihar and the seeds of "Mangur" fish were distributed to the farmers. On this day Mangur was conferred the status of State Fish of Bihar

2	Farmer Scientist Extension Official Interface	19.07.08	1 Day	112	112	BVC, Patna
For better coordination at district level between the Research Institutions and Extension agencies a workshop was organized at State Level by BAMETI. The programme was attended by Scientists of Krishi Vigyan Kendra and Project Directors of ATMA.						
3	Workshop on Revival of Agricultural Crescent in Bihar	24-25.05.08	Two Days	125	250	Patna
The two Days workshop was organized in association with National Academy of Agriculture Science (NAAS), New Delhi. The Seminar was inaugurated by Hon'ble Deputy Chief Minister of Bihar and attended by eminent Scientists like Dr. R.B. Singh, Dr. S.R. Singh, etc.						
4	Seminar on Emerging Investment in Potato & Potato Processing in Bihar	21-22.06.08	02 Days	2100	4200	Patna
A two days State Level Seminar was organized with special emphasis on Potato which was inaugurated by Hon'ble Chief Minister of Bihar and Attended by Hon'ble Agriculture Minister of Bihar. The seminar emphasized on investment potential for potato in Bihar and was attended by farmers across the State. The farmers were also trained on better cultivation practices for Potato.						
5	Joint Workshop of Project Director & KVK PC for Krishi Vaigyanik Gaon Ki Ore	5.09.09	1 Day	150	150	SCADA Business Centre, Patna
For the first time an initiative was undertaken by BAMETI to organize "Krishi Vaigyanik Gaon Ki Ore" programme with an objective to reach the farmers in far flung areas. The methodology was to facilitate interaction with farmers of the Agricultural Scientists of the State before the Rabi Season. The workshop was organized to sensitize the Research as well as Extension wing of the State about the programme and planning the programme.						
6	Workshop on Role of Animal Husbandry & Fisheries Department in Operationalisation of ATMA	14.10.08	One Day	190	190	SCADA Business Centre, Patna
To sensitize Officers of Animal Husbandry and Fisheries Department Extension officials about the Extension Reforms programme a workshop was organized. This facilitated the awareness among the officials and created platform for better convergence of the programme of the Department with ATMA.						
7	Workshop on Use of Water Bodies and Aquatic Production in North Bihar	31.10.08 - 1.11.08	Two Days	450	900	Town Hall, Bettiah
North Bihar, criss-crossed by a large number of shifting rivers, is known for its <i>chaurs</i> (land depressions), <i>mauns</i> (ox-bow lakes), and other wetlands of various hues. These water bodies serve as the life line of the region by maintaining the ground water table and meeting the requirements of drinking and irrigation. Besides, all these wetlands constitute the reservoirs of fisheries and a diverse group of aquaphytes and help meet the energy and protein demands of the suffering humanity in far-off flood ridden localities. The workshop focused on developing these chaurs, mauns, for economic activity such as use of these water bodies for inland fisheries.						
8	Workshop on Development of Agriculture, Animal Husbandry & Fisheries	27.11.08	One Day	600	600	Town Hall, Banka
The Workshop was inaugurated by Hon'ble Animal Husbandry Minister of Bihar. The workshop was aimed at creating awareness among various stakeholders regarding the various farmer oriented programme of the Government and also training for better agricultural practices were imparted.						

9	Seminar on Innovative Extension Strategies for Agricultural Development and Rural Prosperity	18-20.12.08	Three Days	150	450	Rajendra Agriculture University, Pusa, Samastipur
This seminar was organized in collaboration with Rajendra Agriculture University, Pusa to deliberate on new and innovative extension strategies for overall agricultural development which could help in scaling up of rural economy.						

Other Activities:

Preparation of Strategic Research & Extension Plan for 23 New Districts under Extension Reforms Scheme

BAMETI facilitated the preparation of Strategic Research & Extension Plan of Jamui, Banka, Nawada, Araria, Madhepura, Supaul, Jehanabad, Arwal, Aurangabad, Siwan, Gopalganj, East Champaran, Sitamarhi, Sheohar, Kaimur, Darbhanga, Samastipur, Nalanda, Sheikhpura, Lakhisarai, Sheohar and Kishanganj District. BAMETI facilitated in data collection from the district with the help of facilitators and data analysis done at BAMETI level. The final write up was done at BAMETI under the facilitation of Dr. R.K. Sohane, Director, BAMETI and Mr. Somesh Kumar, Research Associate, BAMETI who is also National Resource Person of MANAGE, Hyderabad for SREP Preparation.

Preparation of State Plan for the Year 2008-09

BAMETI facilitated in preparation District Annual Action Plan of all the Districts under Extension Reforms Scheme for the Year 2008-09 under the guidance of Mr. Somesh Kumar, Research Associate, BAMETI and National Resource Person, MANAGE, Hyderabad. The State Extension Work Plan on the basis of DAAP was submitted to the Ministry of Agriculture, Govt. of India.

Workshop on District Level Agromet Advisory Committee (28.04.2008)

BAMETI participated in the workshop which aimed at deciding the mechanism for setting up of Weather Station at selected centres as agreed upon by Rajendra Agriculture University. The programme later on is being supported by the State Govt under Extension Reforms Innovative Activities through provision of logistics such as computers, etc. for the purpose.

Training on Implementation of Rashtriya Krishi Vikas Yojna:

Facilitator Development Programme for developing Comprehensive District Agricultural Plan and implementation of Rashtriya Krishi Vikas Yojna. The programme was attended by Director, BAMETI, Patna on 11 and 12 April 2008 at National Institute of Rural Development, Hyderabad.

Visit of Asian Development Bank Team:

A high level delegation of Asian Development Bank visited Bihar to have first hand knowledge & experience and interaction with officials for agriculture development in the State. Director, BAMETI joined the team during the field visit to Vaishali, Muzaffarpur, and Samastipur District.

Eastern Zone Review Workshop at Ranchi, Jharkhand

Dr. R.K. Sohane, Director, BAMETI and Mr. Somesh Kumar, Research Associate, BAMETI attended the Review Workshop for Implementation and Progress of ATMA Scheme at Ranchi, Jharkhand on 13.06.08

Course Conducted:

Post Graduate Diploma in Agricultural Extension Management (PGDAEM) Course of MANAGE

BAMETI is a study centre for the PGDAEM course being organized by MANAGE. The programme is open for extension functionaries of the agriculture and allied departments employed in the State Government. In the Financial Year 2008-09, the exam for the 1st Semester was conducted by BAMETI from 20.05.09 to 24.05.09. The results of which were published in the month of December, 2009. All the 19 out of 21 Candidates appeared for exam were declared successful in the 1st Semester. Contact Classes for the IInd Semester Course was organized from 26.12.09 to 31.12.09.

For the next session 2009-10 a total number of 136 candidates were enrolled for the course.

Krishi Vaigyanik Gaon Ki Ore

Krishi Vaigyanik Gaon Ki Ore (Agricultural Scientists Towards Village), a programme of Govt. of Bihar was organized from 15.9.08 to 31.10.08 by the Department of Agriculture, Govt. of Bihar with consultative suggestion of Bihar Agricultural Management & Extension Training Institute (BAMETI), Patna and implemented by Agricultural Technology Management Agency (ATMA) at the District Level in association with Krishi Vigyan Kendras and all line departments. Under this programme ATMA organized Kisan Gosthi in all the Blocks of the State with Scientists from KVK of respective districts and Rajendra Agriculture University who provided technical inputs in the programme. Scientists related to Animal Husbandry and Horticulture was also included in the programme.

The Objective of the Programme was to interact with the farmers and discuss issues related to:

- Kharif Crops in the farmers field
- To impart training on various Rabi Crops
- Orchard Management
- Vegetable Farming
- Apiculture
- Organic Farming
- Animal Husbandry
- Fisheries.

Besides, this programme was focused on creating awareness among farmers regarding various Centrally Sponsored and State Sponsored Schemes in Agriculture & Allied Sector.

The Programme was instant success with the participation of **1.06 lakh** farmers across the State barring flood affected districts viz; Araria, Supaul, Madhepura & Purnea. Over **9.166 lakh** technical bulletins and information booklet on scheme were distributed during this programme. There was participation of roughly **6 Thousand** Peoples Representatives in the Programme which included MLAs, Chairman, Zila Parishad, Mukhia & Ward Members.

For coming Kharif Season Krishi Vaigyanik Gaon Ki Ore II – cum – Krishi Vikas Shivir was again launched by Hon'ble Minister of Agriculture, Govt. of Bihar on 16.02.09. Based on the success of the previous endeavour it was planned now to organize these programmes in one village of the block as against previously organized at block headquarters. This programme was also a great success. This phase of Krishi Vaigyanik Gaon Ki ore had one '***Krishi Jagrukta Rath***' which carried all the information regarding the various schemes for the welfare of the farmers. Before the programme got suspended with the notification of General Election programmes in 385 villages of the same number of blocks were concluded.

Organising of Farm & Farmer Development Workshop cum Exhibition at Gandhi Maidan, Patna

A State level Kisan Mela was organized from 16.10.08 to 20.10.08 in Patna to give farmers an opportunity to experience innovative extension practices. A large number of farm input supplier made their presence in the mela through putting up their stalls which facilitated large number of farmers to buy farm inputs.

On the occasion the Hon'ble Chief Minister of Bihar inaugurated the mela and also distributed seeds to farmers for Rabi Season under CM's Crash Seed Production Programme.

Technical Support Institution for Comprehensive District Agriculture Plan of East Champaran & Sheohar District

BAMETI was recognized as technical support institution for preparation of CDAP of East Champaran & Sheohar District. Under the leadership of Dr. R.K. Sohane, Director, BAMETI and Technical guidance of Mr. Somesh Kumar, Research Associate, BAMETI CDAP of East Champaran and Sheohar District was prepared. Based on the data collected from the field and observation made during interaction with farmers and other stakeholders experts at BAMETI analysed the competitive strengths of the district along with weakness, opportunities available in the district and pertinent threats for development of agricultural activity in the district. BAMETI helped the District Agricultural Planning Unit to prioritise the issues which needs to be addressed and along with solutions to overcome the gaps in extension and research activity for these districts.

Facilitation for Operationalisation of ATMA & SREP in other States on behalf of MANAGE, Hyderabad.

- Dr. R.K. Sohane, Director, BAMETI and Mr. Somesh Kumar was invited by MANAGE, Hyderabad, to facilitate the workshop on Operationalisation of ATMA & SREP in the State of Jharkhand.
- Dr. R.K. Sohane, Director, BAMETI was invited by MANAGE, Hyderabad, to facilitate the workshop on Operationalisation of ATMA & SREP in the State of, Haryana & Madhya Pradesh.

Workshops & Seminars Attended:

1.	National Workshop on Community Radio Station at New Delhi on 16.01.09 – 17.01.09	Participation by Mr. Somesh Kumar, Research Associate, BAMETI
2.	Eastern Region Workshop on Gender Sensitive Agriculture & Allied Extension at Bhubaneswar on 31.01.09	Participation by Mr. Somesh Kumar, Research Associate, BAMETI
3.	National seminar on Agriculture Extension organized by Ministry of Agriculture, Govt. of India at New Delhi	Participation by Mr. Somesh Kumar, Research Associate, BAMETI

Tie Ups with ICAR Institutes and Agriculture University for Inter State Training of Officer's and Farmers'

Documentation of Success Story:

1.	Documentary Film Production	Success story of seed village at Bhagawanpur, Desua, Samastipur
2.	Documentation of Success Stories	Sri Nuneshwar Marandi, Chandan, Banka published on BBC website and Hindustan (Daily) 08.04.2008, All India Edition
3.	Documentary Film Production	<i>Success Story of Application of Micro-Irrigation in Orchard</i> Farmer Name: Sri Sudhanshu Kumar, Nayagaon, Samastipur
4.	Documentary Film Production	<i>Successful Community Adoption of Zero Till Drill in Wheat Cultivation</i> Name of the Farmer: Farmers of Desua Village in Samastipur
5.	Documentary Film Production	<i>Successful Operationalisation of FIAC at Barh, Patna</i>
6.	Documentary Film Production	<i>Successful Operationalisation of Farm School</i>
7.	Documentary Film Production	<i>Documentation of "Krishi Vaigyanik Gaon Ki Ore" Programme.</i>
8.	Documentary Film Production	<i>Kisan Chachi</i>
9.	Documentary Film Production	<i>SRI Technology for Paddy Cultivation</i>
10.	Documentary Film Production	Safalta Ki Kahani – Sri Ramashankar Vaidya
11.	Documentation of Success Stories	Compilation of Success Stories of Munger, Madhubani, East Champaran, Purnea, Arwal & Patna District & Submitted to Ministry of Agriculture, Govt. of India
12.	Documentary Film Production	Safalta Ki Kahani – Sri Narmadeshwar Mishra
13.	Documentary Film Production	Safalta Ki Kahani – Mamta Mahila Kisan Club, Lalganj
14.	Documentary Film Production	Safalta Ki Kahani – Matasyapalak, Sri Bipin Kumar
15.	Documentary Film Production	Safalta Ki Kahani – Narvadeshwar Shukla, Bhojpur
16.	Documentary Film Production	Safalta Ki Kahani – Sanjeev Kumar, Vaishali
17.	Documentary Film Production	Safalta Ki Kahani – Anita Kumari, Madhumakhipalak
18.	Documentary Film Production	Safalta Ki Kahani – Pashupalak Ki Jubani
19.	Documentary Film Production	Jitendra Kumar Singh, Bihiya, Bhojpur

Publications:

Sl. No.	Title
1	Bameti Ek Parichay (In Hindi)
2	Vishwa Khadya Diwas (In Hindi)
3.	Kisan Samman Yojna – Margdarshika 2007-08 (In Hindi)
4.	Kisan Samman Yojna – Ek Parichay (In Hindi)
5.	Krishak Ki Safalta Ki Kahani Press Ki Jubani (In Hindi)
6.	Dhan Ke Beej Utpadan Ki Taknik (In Hindi)
7.	BAMETI Newsletter Vol. I, No. I (In Hindi)
8.	Recent Advances in Horticulture Farming (English & Hindi)
9.	Recent Advances in Poultry Production (English & Hindi)
10.	Jaivik Kheti (In Press) (In Hindi)
11.	Krishi Me Mahilaon Ki Bhagidari (In Press) (In Hindi)
12.	Krishak Hit Samuh Ki Sanchalan Margdarshika (In Hindi)
13.	Overcoming Technological Gaps in Oilseed & Pulses
14.	Krishi Praudyogiki Prabandh Abhikaran (ATMA) – Margdarshika
15.	Krishak Hit Samuh – Margdarshika
16.	Jalwayu Parivartan Evam Khadya Suraksha, 16 October, 2008
17.	Vermi Compost Sah Jaivik Kheti (In Hindi)
18.	Bihar Rajya Mein Murgipalan Ka Vikas (In Hindi)