



## **RESULTS FRAMEWORK DOCUMENTS (RFD) (2016 – 17)**

### **QUARTERLY PROGRESS REPORT: EXPLANATORY NOTES 4<sup>th</sup> QUARTER (JANUARY TO MARCH, 2017)**



**Central sericultural research & training institute**  
**Central Silk Board**  
Ministry of Textiles; Govt. of India  
Berhampore, Murshidabad, West Bengal

**05.04.2017**

Section-2 Inter se priorities among key objectives, success indicators and Targets															
Table-1: Format of the Results Framework Document (RFD) for XII Plan including 2016-17 (CSR&TI Berhampore)															
Column-1		Column-2	Column-3		Column-4			Column-5	Column-6					Column-7	
#	Objectives	Wt.	#	Actions	#	Success Indicator	Unit	Rel. Wt.	Target/Criteria Value					Achievement during 4th Qtr.	Achievement up to 4thQtr.
									Excellent	Very Good	Good	Fair	Poor		
									100%	90%	80%	70%	60%		
1	Conduct scientific, technical and economic research to enhance production, productivity and quality of Indian silk.	15	1	Undertaking Research projects to enhance quality and productivity. (Research Projects-Coded by CO)	i	Total on-going Projects	No.	1	17	16	15	14	13	36	36
					ii	Projects Concluded	No.	2	11	10	9	8	7	5	11
					iii	New Projects taken up	No.	2	11	10	9	8	7	0	17
					iv	New Projects taken up at RSRS's	No.	2	6	5	4	3	2	0	2
					v	No of Technologies / innovations developed /likely to be developed out of concluded projects.	No.	2	1	1	0	0	0	0	2
					vi	New Technologies for field testing	No.	2	1	1	0	0	0	0	1
			2	Mechanization of sericulture industry	i	Equipment/ machines newly developed for sericulture mechanisation	No.	2	1	1	0	0	0	0	1
					ii	Machines / equipment absorbed in the field	No.	2	1	1	0	0	0	0	1
2	Commercialization of products and Technologies	4	3	Sericulture technologies including chemical taken up for commercialisation /patenting	i	Technologies commercialised.	No.	2	1	1	0	0	0	0	1
					ii	Technologies applied for patenting	No.	2	1	1	0	0	0	0	1
3	IT Initiatives	14	4	Development of data base and technology under IT initiatives	i	No. of Farmers database created for m-Kisan Portal	Number	3	2000	1800	1600	1400	1200	44	3015
					ii	No. of Messages up-loaded in M-Kisan Portal	No	2	75	70	65	60	55	25	115
					iii	Up-loading of data in " Seri-5k" Portal	Farmer (No.)	2	2100	2000	1900	1800	1700	6815	6815
					iv	No. of Research Projects uploaded for E-Monitoring	Nos	3	37	36	35	34	33	19	45
					v	Digitization of Soil Health Records	Acres	2	5000	4800	4500	4300	4000	43	43
					vi	Preparation of Technology descriptor adoption document	Date	2	01-05-2016	10-05-2016	01-06-2016	01-07-2016	01-08-2016	0	30.04.16

#	Objectives	Wt.	#	Actions	#	Success Indicator	Unit	Rel. Wt.	Target/Criteria Value					Achievement during 4th Qtr.	Achievement up to 4thQtr.	Weighted Raw Score
									Excellent	Very Good	Good	Fair	Poor			
									100%	90%	80%	70%	60%			
4		4	5	Implementation of DBT	i	% of implementation of Direct Benefit Transfer(DBT)	%	2	98	90	80	70	60	34	34	0.76
					ii	No of farmers covered under DBT	Number	2	2100	2000	1900	1800	1700	62	680	0.68
	Field level Interventions for Quality and productivity Improvement through Information,Education and Communication and Capacity Building	34	6	Interventions through main Institutes level	i	Number of Seri-model Village identified	Number	2	11	10	9	8	7	19	19	2
					ii	No. of farmers adopted	No	2	2000	1800	1600	1500	1400	1905	1905	2
					iii	Expected rawsilk Output	MT	2	50.0	45.0	40.0	35.0	30.0	9.9	35.36	1.57155556
			7	Large scale trial of L14 X S8 & other ICB breeds	i	No. of dfis proposed for large scale trial	Lakh Nos.	2	0.50	0.45	0.40	0.35	0.30	0.89	1.74	2
			8	Interventions through RSRS/ REC level	i	Number of Blocks/Districts adopted	Number	1	16	15	14	13	12	15	15	1
					ii	No of farmers covered	No.	2	3200	3000	2900	2800	2700	5731	5731	2
					iii	Rawsilk Output	MT	2	110	100	90	80	70	100.77	270.45	2
			9	New plantation with improved varieties	i	Popularisation of ,C2028 , C2038 and S1635 varieties	acres	2	100	90	80	70	60	0	90.12	2
			10	Organisation of Swachha Resham Gram	i	No of villages covered	No	2	1	1	0	0	0	1	1	2
					ii	Adoption of villages	%	2	98	90	80	70	60	90	90	2
			11	100 % Adoption of Technologies amongst different stake holders	iii	Number of farmers covers under 100% adoption of technology	Number	2	4000	3800	3600	3400	3200	194	4027	2
			12	Extension communication programmes viz., Group discussion, Awareness programme, Field days,Krishi Melas etc.	i	No of programmes conducted	No	2	250	225	200	175	150	54	273	2
					ii	No of farmers covered	No	2	9500	9000	8500	8000	7500	7063	16692	2
					iii	Post programme follow up	%	2	98	90	80	70	60	98	98	2
					iv	Participation in Radio Programm	No	2	11	10	9	8	7	2	13	2
					v	Participationin TV Programm	No	2	11	10	9	8	7	12	12	2
					vi	No of Seri Tourism corider developped	No.	2	1	1	0	0	0	0	1	2
			13	Skill Development	i	Beneficiaries trained under structured programmes, need based programme etc.	No	1	410	400	390	380	370	1125	1738	1

#	Objectives	Wt.	#	Actions	#	Success Indicator	Unit	Rel. Wt.	Target/Criteria Value					Achievement during 4th Qtr.	Achievement up to 4th Qtr.	Weighted Raw Score
									Excellent	Very Good	Good	Fair	Poor			
									100%	90%	80%	70%	60%			
5	Revenue Generation	4	14	Generation of funds as per XII Plan guidelines	i	Revenue generation through commercialisation of Technology	Rs. In lakh	2	0.60	0.54	0.48	0.42	0.36	-	2.07	2
					ii	Revenue generation through other methods	Rs.in lakh	2	20.5	20	19	18	17	8.52	23.84	2
6	Strengthening institutional framework to support ongoing research and related programmes	8	15	Utilization of existing land holdings	i	Effective utilization of cultivable land for assigned mandates	Acres	1	32	31	29	28	27	31	31	1
			16	Utilization of service buildings ( laboratory, rearing house, grainages, staff quarters, hostels, guest house etc)	ii	Extent of utilization of facilities for the core purpose of assigned mandates	%	1	98	90	80	70	60	98	98	1
			17	Optimum utilization of manpower	iii	Utilization of scientific manpower for research activities	%	1	98	90	80	70	60	98	98	1
			18	Effective Monitoring of Civil Works	i	Monitoring of progress of construction works at Institute & sub-units	%	2	98	90	80	70	60	98	98	2
					ii	Submission of Ucs	%	2	98	90	80	70	60	98	98	2
			19	Utilisation of Grants	iv	Expenditure under Central Sector Schemes.	Rs. In Crore	1	34.02	30.61	27.21	23.81	20.41	11.42	37.83	1
7	Collaborative Research Programmes with other R&D organizations in India and abroad	2	20	Identifying potential R&D institutes in India and abroad and undertake collaborative research programmes for the benefit of both the countries.	i	Projects taken up for collaborative research	No.	2	2	1	0	0	0	2	2	2
Mandatory Success Indicators																
8	Efficient functioning of RFD system	3	21	Timely submission of draft RFD for 2016-17	i	On time submission	Date	1.5	30.4.2016	1.5.2016	2.5.2016	3.5.2016	4.5.2016	20.04.16	20.04.16	1.5
			22	Timely submission of results of 2016-17	i	On time submission	Date	1.5	1st Qt- 4/7/16 2nd Qt-4/10/16 3rd Qt-4/1/17 4th Qt- 4/4/17	1st Qt 5/7/16 2nd Qt 5/10/16 3rd Qt 5/1/17 4th Qt 5/4/17	1st Qt 6/7/16 2nd Qt 6/10/16 3rd Qt 6/1/17 4th Qt- 6/4/17	1st Qt 7/7/16 2nd Qt 7/10/16 3rd Qt 7/1/17 4th Qt 7/4/17	1st Qt 8/7/16 2nd Qt 8/10/16 3rd Qt 8/1/17 4th Qt- 8/4/17	05.01.17	1st Qt 5/7/16 2nd Qt 5/10/16 & 3rd Qt 5/1/17; 4th Qt 5/4/17	1.5

#	Objectives	Wt.	#	Actions	#	Success Indicator	Unit	Rel. Wt.	Target/Criteria Value					Achievement during 4th Qtr.	Achievement up to 4thQtr.	Weighted Raw Score
									Excellent	Very Good	Good	Fair	Poor			
									100%	90%	80%	70%	60%			
10	Administrative Reform	8	23	Implement mitigating strategies for reducing potential risk of corruption	i	% of implementation	%	1	98	90	80	70	60	98	98	1
			24	Swachha Bharat Abhiyan		% of implementation	%	2	98	90	80	70	60	98	98	2
			25	Submission of Annual Accounts to CSB		date of submission of Annual Accounts to CO	date	2	2, May	I week, May	II week, May	III week, May	IV week, May	30th April,16	30th April,16	2
			26	Biometric Attendance		Units functioning under the Institute	Nos	1	18	17	16	15	14	17	17	1
						Units covered under Biometric attendance	%	2	98	90	80	70	60	100	100	2
10	Improving internal efficiency / responsiveness / service delivery of the organization	2	27	Implementation of Sevottam	i	Independent audit of implementation of Citizen's charter	%	1	98	90	80	70	60	98	98	1
					ii	Independent audit of implementation of public grievances redressal system.	%	1	98	90	80	70	60	98	98	1
11	Ensuring compliance of the Financial Accountability Framework	2.0	28	Timely submission of ATNs on Audit paras of AG & Internal Audit	i	Percentage of ATNs submitted with in due date ( 4 months ) from date of presentation of report	%	0.5	98	90	80	70	60	98	98	0.5
			29	Timely submission of ATRs to AG & CSB, HQ.	i	Percentage of ATRs submitted within due date (6 months ) from date of presentation of report	%	0.5	98	90	80	70	60	98	98	0.5
			30	Early disposal of pending ATNs on Audit paras of AG reports.	i	Percentage of outstanding ATNs disposed off during the year	%	0.5	98	90	80	70	60	98	98	0.5
			31	Early disposal of pending ATRs on AG reports.	i	Percentage of outstanding ATRs disposed off during the year	%	0.5	98	90	80	70	60	98	98	0.5
		100						100								93.83

**RESULTS FRAMEWORK DOCUMENTS (RFD) OF CSR&TI, BERHAMPORE, WEST BENGAL  
FOR THE YEAR 2016-17 (4<sup>th</sup> Quarter: JANUARY TO MARCH, 2016)**

#	Objective	#	Actions	#	Success Indicator	Annual Target	Achvmt. During 4 <sup>TH</sup> Qtr.	Explanatory Note
1	To conduct scientific technical and economic research to enhance production, productivity and quality of Indian silk.	1	Undertaking Research projects to enhance quality and productivity. (Research Projects-coded by CO)	i	Total on-going Projects	16	36	ANNEXURE – I, II, III & IV
				ii	Projects Concluded	10	5	
				iii	New Projects taken up	11	0	
				iv	No. Projects taken up by RSRS	6	0	
				v	No of Technologies/ innovations developed	1	0	ANNEXURE – V & VI
				vi	New Technologies for field testing	1	0	
		2	Mechanization of sericulture industry.	i	Equipment/ machines newly developed for sericulture mechanization	1	0	ANNEXURE –VII
				ii	Machines / equipment absorbed in the field	1	0	ANNEXURE –VIII
2	Commercialization of products and Technologies	3	Sericulture technologies including chemical taken up for commercialization / patenting	i	Technologies commercialized	1	0	ANNEXURE –IX
				ii	Technologies applied for patenting	1	0	ANNEXURE –X
3.	IT Initiatives	4.	Development of data base and technology under IT initiatives	i	No. of Farmers database created for m-Kisan Portal	1800	44	ANNEXURE –XI
				ii	No. of Messages up-loaded in M-Kisan Portal	70	25	ANNEXURE –XII
				iii	Up-loading of data in " Seri-5k" Portal	2000	6815	ANNEXURE –XIII
				iv	No. of Research Projects uploaded for E-Monitoring	36	19	ANNEXURE –XIV
				v	Digitization of Soil Health Records	4800	43	ANNEXURE –XV
				vi	Preparation of Technology descriptor adoption document	10.05.2016	0	ANNEXURE –XVI
		5	Implementation of DBT	i	% of implementation of Direct Benefit Transfer(DBT)	90%	34	ANNEXURE –XVII
				ii	No of farmers covered under DBT	2000	62	ANNEXURE –XVIII

#	Objective	#	Actions	#	Success Indicator	Annual Target	Achvmt. During 4 <sup>TH</sup> Qtr.	Explanatory Note
4.	Field level Interventions for Quality and productivity Improvement through Information, Education and Communication and Capacity Building	6	Intervention through Main Institutes level	i	No. of Seri model villages identified	10	19	ANNEXURE –XIX
				ii	No. of farmers adopted	1800	1905	ANNEXURE –XX
				iii	Expected rawsilk output (MT)	45	9.9	ANNEXURE –XXI
		7	Large scale trial of L14 x CSR2 & other [M6DPCx D6PN x SK4C] ICB breeds	i	No. of dfls proposed for large scale trial (Lakh)	0.50	0.89	ANNEXURE –XXII
		8	Interventions through RSRS/ REC level	i	No of Blocks/ Districts adopted	15	15	ANNEXURE –XXIII
				ii	No of farmers covered	3000	5731	ANNEXURE –XXIV
				iii	Raw silk Output (MT)	100	100.77	ANNEXURE –XXV
		9	New plantation with improved varieties	i	Popularisation of C2028 , C2038 and S1635 varieties	90	0	ANNEXURE –XXVI
		10	Organisation of Swachha Resham Gram	i	No of villages covered	1	1	ANNEXURE –XXVII
				ii	Adoption of villages (%)	90	90	ANNEXURE –XXVIII
		11	100 % Adoption of Technologies amongst different stake holders	i	Number of farmers covers under 100% adoption of technology	3800	194	ANNEXURE –XXIX
		12	Extension communication programmes viz., Group discussion, Awareness programme, Field days, Krishi Melas etc.	i	No of programmes conducted	225	54	ANNEXURE –XXX
				ii	No of farmers covered	9000	7063	ANNEXURE –XXXI
				iii	Post programme follow up	98	98	ANNEXURE –XXXII
				iv	Participation in Radio Programm	10	2	ANNEXURE –XXXIII
				v	Participation in TV Programm	10	12	ANNEXURE –XXXIV
				vi	No of Seri Tourism corridor developed	1	0	ANNEXURE –XXXV
		13	Skill Development	i	Beneficiaries trained under structured programmes, need based programme etc.	400	1125	ANNEXURE –XXXVI
5	Revenue Generation	14	Generation of funds as per XII Plan guidelines	i	Revenue generation through commercialisation of Technology	0.54	0	ANNEXURE –XXXVII
				ii	Revenue generation through other methods	20	8.52	ANNEXURE –XXXVIII

#	Objective	#	Actions	#	Success Indicator	Annual Target	Achvmt. During 4 <sup>th</sup> Qtr.,	Explanatory Note
6	<b>Strengthening institutional framework to support ongoing research and related programmes</b>	15	Utilization of existing land holdings	i	Effective utilization of cultivable land for assigned mandates	31	31	<b>ANNEXURE –XXXIX</b>
		16	Utilization of service buildings ( laboratory, rearing house, grainages, staff quarters, hostels, guest house etc)	ii	Extent of utilization of facilities for the core purpose of assigned mandates	98%	98	<b>ANNEXURE –XXXX</b>
		17	Optimum utilization of manpower	iii	Utilization of scientific manpower for research activities	98%	98	<b>ANNEXURE –XXXXI</b>
		18	Effective Monitoring of Civil Works	i	Monitoring of progress of construction works at Institute & sub-units	98%	98	<b>ANNEXURE –XXXXII</b>
				ii	Submission of UCs	98%	98	<b>ANNEXURE –XXXXIII</b>
		19	Utilization of Grants	iv	Expenditure under Central Sector Schemes.	34.02	11.42	<b>ANNEXURE –XXXXIV</b>
7	<b>Collaborative Research Programmes with other R&amp;D organizations in India and abroad</b>	20	Identifying potential R&D institutes in India and abroad and undertakes collaborative research programmes for the benefit of both the countries.	i	Projects taken up for collaborative research	1	0	<b>ANNEXURE –XXXXV</b>
<b>Mandatory Success Indicators</b>								
8	<b>Efficient functioning of RFD system</b>	21	Timely submission of draft RFD for 2016-17	i	On time submission	1 <sup>st</sup> May, 2016	20 <sup>th</sup> April, 2016	<b>ANNEXURE –XXXXVI</b>
		22	Timely submission of results of 2016-17	ii	On time submission	05.07.2016 (1 <sup>st</sup> Qtr.) 04.10.2016 (2 <sup>nd</sup> Qtr.) 04.01.2017 (3 <sup>rd</sup> Qtr.) 04.04.2017 (4 <sup>th</sup> Qtr.)	05.07.16(1 <sup>st</sup> Qtr.) 05.10.16(2 <sup>nd</sup> Qtr.) 05.01.17(3 <sup>rd</sup> Qtr.) 05.04.17(4 <sup>th</sup> Qtr.)	



#	Objective	#	Actions	#	Success Indicator	Target	Achvmt. During 4 <sup>TH</sup> Qtr.	Explanatory Note
9	<b>Administrative Reform</b>	23	Implement mitigating strategies for reducing potential risk of corruption	i	% of implementation	98%	98%	<b>ANNEXURE –XXXXVII</b>
		24	Swachha Bharat Abhiyan	ii	% of implementation	98%	98%	<b>ANNEXURE –XXXXVIII</b>
		25	Submission of Annual Accounts to CSB	iii	Date of submission of Annual Accounts to CO	May, 1 <sup>st</sup> , 2015	30.04.16	<b>ANNEXURE –XXXXIX</b>
		26	Biometric Attendance	i	Units functioning under the Institute	17	17	<b>ANNEXURE –XXXXX</b>
				ii	Units covered under Biometric attendance	100%	100%	
10	<b>Improving internal efficiency/ responsiveness / service delivery of the organization</b>	27	Implementation of Sevottam	i	Independent audit of implementation of Citizen's charter	98%	98%	<b>ANNEXURE –XXXXXI</b>
				ii	Independent audit of implementation of public grievances redressal system.	98%	98%	
11	<b>Ensuring compliance of the Financial Accountability Framework</b>	28	Timely submission of ATNs on Audit paras of AG & Internal Audit	i	Percentage of ATNs submitted with in due date (4 months) from date of presentation of report	98%	98%	<b>ANNEXURE –XXXXXII</b>
		29	Timely submission of ATRs to AG & CSB, HQ.	i	% of ATRs submitted within due date (6 months ) from date of presentation report	98%	98%	<b>ANNEXURE –XXXXXIII</b>
		30	Early disposal of pending ATNs on Audit paras of AG reports.	i	Percentage of outstanding ATNs disposed off during the year	98%	98%	<b>ANNEXURE –XXXXXIV</b>
		31	Early disposal of pending ATRs on AG reports.	i	Percentage of outstanding ATRs disposed off during the year	98%	98%	<b>ANNEXURE –XXXXXV</b>

## ANNEXURE – I

### 1. To conduct scientific technical and economic research to enhance production, productivity and quality of Indian silk.

#### 1.1. Research Projects-coded by C.O

**Success indicator-i:** On-going research projects/ prog. of CSR&TI, Berhampore for the year 2016-17: 30 Nos.

(Carried forward from 2015-16)

**Total: 30 (26 Projects + 4 Prog.)**

**Projects: 26**

Sl. No.	Code	Title	PI of the Project	CI(s) of the project
1.	PIB 3479	Development of high yielding mulberry varieties using physiological growth parameters as markers for selection. (Oct., 2012 to Sept., 2016)	Jalaja S.Kumar, Sci.-D (upto May,16) Suresh K. (fr. June,16)	P.K. Ghosh, Sci.-D
2.	PIB 3481	Evaluation of mulberry varieties suitable for low in put soils. (Jan., 2013 to Dec., 2017)	R.Banerjee, Sci-D	P.K. Ghosh, Sci.-D S .K. Dutta, Sci.-D S.N. Gogi, , Sci.-D S.K. Misro, Sci.-C G. S. Singh, Sci.-D
3.	PIB 3505	Development of drought tolerant mulberry variety for rainfed sericulture. (Jan., 2014 to Dec., 2019) [Collaborative project with CSGRC, Hosur]	R.Banerjee, Sci-D	P.K. Ghosh, Sci.-D S .K. Dutta, Sci.-D K. Jhansi Lakshmi, Sci.-D Shri.M.M.Borpuzari, Sci-D
4.	PIB 3515	Evaluation of new developed triploid mulberry varieties for productivity and quality. (Jun., 2014 to Mar., 2017)	P.K. Ghosh, Sc-D	S .K. Dutta, Sci.-D D. Das, Sci.- D
5.	PPA 3499	Evaluation of field level performance of Vishala mulberry variety in different locations under irrigated conditions in West Bengal. (April, 2013 to Mar., 2018)	G.C.Das, Sc-C	DoT(S), BHB, Birbhum SSPC,Raiganj P-1 BSF,Banguria SSPC, DB'Pur, REC, Mothabari REC,Kamnagar, REC-Su, Rajmahal
6.	PPF 3532	Assessment, Development and Management of area under mulberry in major sericulture districts of West Bengal. (Feb., 2015 to Jan., 2017)	M.Choudhuri, Sci.-D	
7.	PPS 3504	Study on root rot disease of mulberry in the Gangetic plains of West Bengal and development of its control measures. (April, 2014 to March, 2017)	S .K. Dutta, Sc.-D	REC, Mothabari
8.	CSS-2107	Forewarning of mulberry diseases of Eastern and North Eastern India. . (April, 2012 to March, 2017)	S .K. Datta, Sci.-D	M. Alam, Sci.-C, D. Pandit, Sci.-D M. Shankar, Sci.-D B.Choudhuri, Sci.-D S. T. Lepcha, Sci.-C A. Borah, Sci.-C L. S. Singh, Sci.-C S. K. Misro, Sci.-C G. B. Singh, Sci.-D
9.	AIB 3466	Development of region specific bivoltine breeds suitable for highly fluctuating and seasonally variable climatic conditions of Eastern and North-Eastern India. (Aug., 2011 to Dec., 2016)	N. Suresh Kumar, Sci.-D	N. B. Kar, Sci.-D, S. Chakraborty,Sci.-C, M. Alam, Sci.-C, M.K.Ghosh, Sci-D S.Chatterjee, Sci-D
10.	AIB 3480	Development of silkworm ( <i>Bombyx mori</i> L.) breeds from a gene pool with higher genetic plasticity. (Sept., 2012 to Aug., 2016)	A.K.Verma, Sci.-D	N.B.Kar, Sci-D

Sl. No.	Code	Title	PI of the Project	CI(s) of the project
11.	<b>AIB 3501</b>	Development of high temperature and high humidity tolerant bivoltine breeds of silkworm ( <i>Bombyx mori</i> L.) Breds with high shell percentage and high neatness of silk filament. <b>(July, 2013 to June, 2016)</b>	A.K.Verma, Sci.-D	N.B.Kar, Sci-D
12.	<b>AIB 3514</b>	Development of multivoltine based congenic /NIL breed of silkworm ( <i>Bombyx mori</i> L.) through introgression of "Id" gene and its uses. <b>(June, 2014 to May, 2017)</b>	A.K.Verma, Sci-D	N.B.Kar, Sci-D
13.	<b>AIB 3547</b>	Development of high temperature and high humidity tolerant bivoltine breeds of silkworm ( <i>Bombyx mori</i> L.) <b>(Jul., 15 to Jun., 17)</b>	N.Chandrankanth, Sci-B	A.K.Verma, Sci-D V.Lakshmanan, Sci-D N.B.Kar, Sci-D
14.	<b>AIB 3545</b>	Authorization Trial of Silkworm hybrids in Eastern and North Eastern India. <b>(Aug., 15 to Jul., 17). [Collab. with NSSO, Bangalore and CSTRI, Bangalore]</b>	A.K.Verma, Sci-D	N.Chandrankanth, Sci-B N.B.Kar, Sci-D
15.	<b>PPE 3517</b>	Population Interaction of Pest and natural enemies in mulberry ecosystem. <b>(Aug., 2014 to July, 2017) (Collaborative with NBAIR, Bangalore)</b>	D.Das, Sci.-D	S. Chatterjee, Sci.-D Y.Deabraj, Sci.-D
16.	<b>PRE 3533</b>	Identification of whitefly resistance in Mulberry germplasm accessions. <b>(July, 2015 to June, 2018)</b>	D.Das, Sci.-D	-
17.	<b>ARP 3516</b>	Studies on synbiotic (Combination of probiotic and prebiotic) induction for control of common disease of silkworm, <i>Bombyx mori</i> L. <b>(Oct., 2014 to Sept., 2016)</b>	S.Chakraborty, Sci.-C	K.Rahul, Sci-B
18.	<b>PIB 3521</b>	Assessment of promising powdery mildew resistance lines for perspective commercial use. <b>(Jan., 2015 to Dec., 2017)</b>	S. Chattopadhyay, Sci-D	R. Banerjee, Sci-D
19.	<b>ARP 3522</b>	Isolation, cloning and characterization of antibacterial protein(s) from <i>Bombyx mori</i> L. <b>(May, 2015 to April, 2018) (A collaborative project with SBRL, Kodathi, Bangalore)</b>	S. Chakraborty, Sci-C	
20.	<b>APS 3539</b>	Characterization of mulberry growing soils for nutrient management in selected Seri-villages of Golaghat district of Assam. <b>(April, 2015 to March, 2017) (Collaborative with NBSS&amp;LUP, ICAR, Jorhat)</b>	S. N. Gogoi, Sc-D, RSRs, Jorhat	P. Ray, Scientist, NBSS&LUP, Jorhat
21.	<b>AIT 3557</b>	To conduct multi-locational trial on transgenic Bm NPV resistant silkworm strains to establish their efficacy and generate data for their regulatory approval. <b>(January, 2016 to August, 2017) (Collaborative with APSSRDI, Hindupur, Andhra Pradesh)</b>	Jayeeta Sarkar Sci-D	S. RoyChowdhuri, Sci -D
22.	<b>PIC 3554</b>	Candidate gen based molecular marker (s) for screening promising recombinants in mulberry. <b>(January, 2016 to December, 2018).</b>	R.Banerjee, Sci-D	G. Gangopadhyay, Scientists, Bose Institute, Kolkata
23.	<b>PIB 3548</b>	Evaluation of bacterial leaf spot resistant improved progenies of mulberry for field utilization. <b>(January, 2016 to December, 2018).</b>	S.Chattopadhyay, Sci-D	R. Banerjee, Sci-D
24.	<b>PPA 3560</b>	Studies on high bush and tree type mulberry plantation under rainfed condition of Odisha. <b>(April, 2014 to March, 2019)</b>	N.R.Rao, Sci-C (upto May,16) S.K.Misro, Sci-C (fr.June, 16)	-
25.	<b>PPS 3559</b>	Testing of carbon capturing potential in mulberry in different location. <b>(April, 2015 to March, 2018)</b>	R.Kar, Sci-D	S.K.Misro, Sci-C, S. N. Gogoi, Sci-D, G.S.Singh, Sci-D, S.chatterjee, Sci-D
26.	<b>AICEM-III</b>	All India Coordinated Experimental Trail for Mulberry (AICEM)- Phase III, (A prog. of C.O., Bangalore) <b>(August, 2011 to December, 2016)</b>	R. Banerjee, Sci-D	RSRs, Kalimpong, Koraput, Jorhat, Ranchi

### Programmes: 4

Sl. No.	CODE	TITLE	PI of the Project	Co-Is of the project
27.	<b>BPI (P) 025</b>	Maintenance of mulberry germplasm bank at CSR&TI, Berhampore (W.B). ( <b>January, 2014 to December, 2019</b> ).	P.K.Ghosh, Sci.-D	R. Banerjee, Sci-D S .K. Dutta, Sc.-D
28.	<b>BAI (RP) 003</b>	Maintenance of Multivoltine and Bivoltine Germplasm. (Continuous)	A. K. Verma, Sci.-D V.Lakhsmanan, Sci.-D	N. Chandrakanth, Sci-B N. B. Kar, Sci.-D
29.	<b>B-KPG (RP) 017</b>	Maintenance of Bivoltine silkworm Germ Plasm. ( <b>April, 2015 to March, 2020</b> ).	C. Maji, Sci.-D	S. Chatterjee, Sc-D;RSRS, Kalimpong
30.	<b>B-JRH (P) 040</b>	Studies on mulberry germplasm in agroclimatic condition in North East States. ( <b>April, 2015 to August, 2017</b> ).	M.Pamehgam, Sci-C	S.N.Gogoi, Sci-D RSRS, Jorhat

## ANNEXURE – II

### Success indicator -ii: Projects Concluded: 11 Nos. (Upto 4<sup>th</sup> Qtr.)

Sl. No.	Code	Title	PI of the Project	CI (s) of the project
<b>Projects Concluded: 1 No. (1<sup>st</sup> Qtr.)</b>				
1.	<b>AIB 3501</b>	Development of multivoltine breeds of silkworm ( <i>Bombyx mori</i> L.) with high shell percentage and high neatnes of silk filament. ( <b>July, 2013 to June, 2016</b> )	A.K.Verma, Sci.-D	N.SureshKumar, Sci-D A.K.Saha, Sci-D N.B.Kar, Sci-D
<b>Projects Concluded: 1 No. (2<sup>nd</sup> Qtr.)</b>				
2.	<b>AIB 3480</b>	Development of silkworm <i>Bombyx mori</i> L. breeds from a gene pool with higher genetic plasticity. ( <b>Sept., 2012 to Aug., 2016</b> )	A.K.Verma, Sci.-D	G.K.Chattopadhyay, Sc-D N.B.Kar, Sci-D
<b>Projects Concluded: 4 Nos. (3<sup>rd</sup> Qtr.)</b>				
3.	<b>ARP 3516</b>	Studies on synbiotic (Combination of probiotic and pre biotic) induction for control of common disease of silkworm, <i>Bombyx mori</i> L. ( <b>Oct., 2014 to Sept., 2016</b> )	K.Rahul, Sci-B	
4.	<b>PIB 3479</b>	Development of high yielding mulberry varieties using physiological growth parameters as markers for selection. ( <b>Oct., 2012 to Sept., 2016</b> )	Jalaja S.Kumar, Sci.-D (upto May,16) Suresh K. (fr. June,16)	P.K. Ghosh, Sci.-D
5.	<b>AICEM-III</b>	All India Coordinated Experimental Trail for Mulberry (AICEM)- Phase III, (A prog. of C.O., Bangalore) ( <b>Aug., 2011 to Dec., 2016</b> )	R. Banerjee, Sci-D	-
6.	<b>AIB 3466</b>	Development of region specific bivoltine breeds suitable for highly fluctuating and seasonally variable climatic conditions of Eastern and North-Eastern India. ( <b>Aug., 2011 to Dec., 2016</b> )	N. Suresh Kumar, Sci.-D	
<b>Projects Concluded: Proj.-5 ( During 4<sup>th</sup> Qtr.)</b>				
7.	<b>PPF 3532</b>	Assessment, Development and Management of area under mulberry in major sericulture districts of West Bengal. ( <b>Feb., 2015 to Jan., 2017</b> )	M.Choudhuri, Sci.-D	

8.	PIB 3515	Evaluation of new developed triploid mulberry varieties for productivity and quality. (Jun., 2014 to Mar., 2017)	P.K. Ghosh, Sc-D	S .K. Dutta, Sci.-D D. Das, Sci.- D
9.	PPS 3504	Study on root rot disease of mulberry in the Gangetic plains of West Bengal and development of its control measures. (April, 2014 to Mar., 2017)	S .K. Dutta, Sc.-D	
10.	CSS-2107	Forewarning of mulberry diseases of Eastern and North Eastern India. (April, 2012 to Mar., 2017)	S .K. Datta, Sci.-D	
11.	APS 3539	Characterization of mulberry growing soils for nutrient management in selected Seri-villages of Golaghat district of Assam. (April, 2015 to March, 2017) (Collaborative with NBSS&LUP, ICAR, Jorhat)	S. N. Gogoi, Sc-D, RSRs, Jorhat	P. Ray, Scientist, NBSS&LUP, Jorhat

### ANNEXURE – III

#### **Success indicator-iii: New Projects/prog. taken up: 17 Nos. (Proj.-14, P.S.-1& Prog.-2)**

Sl. No.	Code	Title	PI of the Project	CI (s) of the project
<b>INITIATED DURING 1<sup>st</sup> QTR. (APRIL – JUNE, 2016 ): 5 Nos. (Project – 3 &amp; Prog. -2)</b>				
1.	BAI (RP) 021	Silkworm disease monitoring of seed and commercial crop rearing of West Bengal (SDMSCC)[A collab. Prog. ZSSO, Malda & DoT (Seri), W.B.] (April, 2016 to March, 2019)	S. Chakraborty, Sci-C	Incharges, RSRs, RECs, Seri. State Dept.
2.	BPR(RP) 022	Survey and surveillance of mulberry pest in Eastern and North-Eastern region of India. (June, 2016 to May, 2021).	D.Das, Sci.-D	
3.	PIB 3576	Evaluation of new mulberry genotypes for improvement in productivity and quality. (June, 2016 to July, 2020)	M.K.Ghosh, Sci.-D	R. Banerjee, S.N.Gogoi, G.S.Singh and Suresh K.
4.	AIB 3578	Evaluation of exotic bivoltine silkworm breeds to identify promising parental genetic resources. (June, 2016 to September, 2019)	Collaborative with CSGRC, Hosur	A.K.Verma, Sc-D Z.Hossain, Sc-D
5.	AIB 3577	Evaluation of multivoltine germplasm to identify potential parents for developing cross breeds suitable for Southern and Eastern India. (April, 2016 to March, 2019)	Collaborative with CSGRC, Hosur	N.Chandranth,Sc-B Z.Hossain, Sc-D
<b>During 2<sup>nd</sup> QTR. (JULY –SEPTEMBER, 2016)</b>				
<b>Nil</b>				
<b>During 3<sup>rd</sup> QTR. (OCTOBER - DECEMBER, 2016) (Project – 11 &amp; P.S. -1)</b>				
6.	ARP 3590	Studies on the efficacy of phototrophic bacterial extracts as feed supplement for management of diseases in silkworm, <i>Bombyx mori</i> L. (Oct., 2016 to Sept., 2019).	K.Rahul, Sci-B	
7.	PRE 3589	Assessment of designed antimicrobial peptides for mulberry protection against brown leaf spot and root rot: a biotechnological approach. (Oct., 2016 to Sept., 2019).	S. Chattopadhyay, Sci-D	R. Banerjee and P. Makwana
8.	PPF 3585	Application of Growing Degree Days as a model driver for developing mulberry yield weather model. (Oct., 2016 to Dec., 2018).	M. Chaudhuri, Sci-D	
9.	PPA 3588	Evaluation of low-cost drip fertigation systems on yield and quality of mulberry leaves. (Oct., 2016 to March., 2019).	R.Mahesh, Sci-B	

10.	<b>PIN 3587</b>	Improvement of leaf quality and productivity through external application of seaweed extracts in mulberry ( <i>Morus alba</i> L.) (Oct., 2016 to Sept., 2017).	A.Pappachan, Sci-B	
11.	<b>BPI(PS) 010</b>	Identification of bio-chemical markers for thermo-tolerance in silkworm ( <i>Bombyx mori</i> L.) (Oct., 2016 to Sept., 2017).	P.Makawana, Sci-B	
12.	<b>PPS 3600</b>	Soil health card preparation for mulberry growing soils in Eastern and North-Eastern India. (Nov., 2016 to Oct., 2019).	M. Chaudhuri, Sci-D	R.Kar, M.K.Ghosh, S.N.Gogoi, G.S.Singh, H.L.Somen Singh S.Sakar, V.Vijay, R.Mahesh, A.Pappachan
13.	<b>AIB 3602</b>	Development of thermotolerant bivoltine breeds / hybrids of silkworm, <i>Bombyx mori</i> through marker assisted selection. (November, 2016 to April, 2021)	N.Chandrakanth, Sci-B	A.K.Verma, Sci-D V.Lakshmanan, Sci-D N.B.Kar, Sci-D
14.	<b>MTS- 3599</b>	Study on mulberry sericulture production in West Bengal: a statistical approach. (Nov., 2016 to April, 2018).	G. R. Manjunatha, Sci-B	Shafi Afroz, Subhra Chanda, D. Pandit and Tapati Datta (Biswas)
15.	<b>MOT- 3601</b>	Skill Gap Analysis and Capacity development of Sericulture Extension Workers and Farmers in Traditional and Non Traditional States. (Nov., 2016 to April, 2018).	Shafi Afroz, Sci-B	Subhra Chanda, D. Pandit, Bimal Chandra Ray and G. R. Manjunatha
16.	<b>PPS 3598</b>	Arsenic contamination in mulberry sericulture of Bengal Plain and its alleviation through application of zinc in soil. (Nov., 2016 to Oct., 2019).	V.Vijay, Sci-B	M. Chaudhuri, Sci-D
17.	<b>MOE 3604</b>	Yield gap analysis in mulberry leaf and cocoon production - A study in Eastern ghat highland zones of Odisha. (Dec., 2016 to Nov., 2018).	M.K.Ghosh, Sci-D	RSRS, Koraput

## ANNEXURE – IV

### 1. To conduct scientific technical and economic research to enhance production, productivity and quality of Indian silk.

#### 1.1. Research Projects-coded by C.O

#### Success indicator-iv: New Projects taken up at RSRS's - 2 Nos. (Proj.-2)

Sl. No.	Code	Title	PI of the Project	CI (s) of the project
<b>DURING 1<sup>st</sup> QTR. (APRIL to JUNE, 2016) : 1 Nos.</b>				
1.	<b>PIB 3576</b>	Evaluation of new mulberry genotypes for improvement in productivity and quality. (June, 2016 to July, 2020)	R. Banerjee, Sci.-D	M.K.Ghosh, S.N.Gogoi, G.S.Singh and Suresh K.
<b>DURING 3<sup>rd</sup> QTR. (OCTOBER to DECEMBER, 2016) : 1 Nos.</b>				
2.	<b>MOE 3604</b>	Yield gap analysis in mulberry leaf and cocoon production - A study in Eastern ghat highland zones of Odisha. (December, 2016 to November, 2018)	M.K.Ghosh, Sci-D	RSRS, Koraput

## ANNEXURE – V

1. To conduct scientific technical and economic research to enhance production, productivity and quality of Indian silk.

### 1.1. Research Projects-coded by C.O

**Success indicator-v:** No of Technologies / innovations developed /likely to be developed out of concluded projects. 2 Nos. (Achieved during 1<sup>st</sup> Qtr.)

1. Terrestrial Carbon Sequestration for sustained high productivity and quality mulberry leaves: Moderate tillage with grass cover, FYM / rearing waste compost @ 20 t/ ha/ year along with soil test-based NPK fertilizers under irrigated condition.

**Benefit:** Leaf yield 38.7t/ha/yr, Carbon Sequestration Potential - 6.9 t/ha/ yr with 40.1 Mg/ha/ annum Soil Organic Carbon Stock (SOCS).

2. Use of Surface Active Agent (SAA) & Wetting Agent (WA) in combination for improvement in cocoon reelability.

**Benefit:** 5 -15% reelability improvement of cocoon.

## ANNEXURE – VI

1. To conduct scientific technical and economic research to enhance production, productivity and quality of Indian silk.

### 1.1. Research Projects-coded by C.O

**Success indicator-vi:** New Technologies for field testing: 1 No. (at RSRs) . (Achieved during 1<sup>st</sup> Qtr.)

1. Use of Surface Active Agent (SAA) & Wetting Agent (WA) in combination for improvement in cocoon reelability.

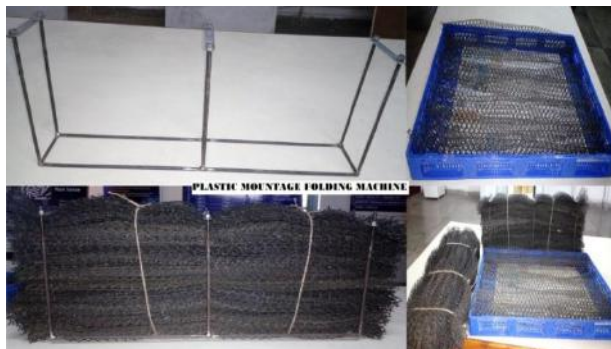
**Benefit:** 5 -15% reelability improvement of cocoon.

## ANNEXURE – VII

1. To conduct scientific technical and economic research to enhance production, productivity and quality of Indian silk.

### 1.2. Mechanization of sericulture industry

**Success indicator- i.** Equipment/machines newly developed for sericulture mechanization: 1 No.



- ❖ It is for folding the plastic mountages as well as packing the same after harvesting of cocoons & disinfection.
- ❖ Size of the machine is 6'x 1'x 6'' with 3 lockers with a capacity to fold/pack 10 plastic mountages at a time.
- ❖ It is made up of 0.6 cm diameter Iron rod with a cost of about Rs. 150.
- ❖ It is easy to maintain and move.
- ❖ It is durable and cost effective.

**Plastic mountage folding machine**

## ANNEXURE – VIII

**1. To conduct scientific technical and economic research to enhance production, productivity and quality of Indian silk.**

**1.2. Mechanization of sericulture industry**

**Success indicator-ii: Machines/ equipment absorbed in the field: 1 No.**

Plastic moutage folding machine

## ANNEXURE-IX

**2. Commercialization of products and Technologies**

**2.3. Sericulture technologies including chemical taken up for commercialisation /patenting**

**Success indicator-i. Technologies commercialised : 1 No. (Achieved during 1<sup>st</sup> Qtr.)**

Ghar Sodhon- a fumigant room disinfectant for disinfection of rearing room and its appliances:

Yield Gain: Average: 4 – 5 kg / 100 dfls.

Benefit Cost Ratio: 5.19:1.

Knowhow document/ information handed over through 3 days training programmes to two entrepreneurs on 24.05.2016 to 26.05.2016.

1. M/S Dariapur Rural Development Society, Kaliachak, Malda, West Bengal.
2. M/S Nabagram Resham Shilpa Unnayan Co-operative Society Ltd., Berhampore, Murshidabad, West Bengal and informed to NRDC, New Delhi on 31.05.2016.

## ANNEXURE-X

**2.Commercialization of products and Technologies**

**2.3. Sericulture technologies including chemical taken up for commercialisation /patenting**

**Success indicator-ii. Technologies applied for patenting: 1 No. (During 2<sup>nd</sup> Qtr.) "Process for enhancing cocoon reelability using REELIBOOST"**





## ANNEXURE–XI

### 3. IT Initiatives

#### 3.4. Development of data base and technology under IT initiatives

Success indicator-i. No. of Farmers database created for m-Kisan Portal :

Upto 4<sup>th</sup> Qtr. : 3015 Nos.

During 1<sup>st</sup> & 2<sup>nd</sup> qtr.: 2536 Nos

Sl. No	Name of the States	Number of farmers
1.	West Bengal	1793
2.	Mizoram	46
3.	Meghalaya	70
4.	Assam	413
5.	Jharkhand	31
6.	Tripura	183
Total=		2536

During 3<sup>rd</sup> QTR. : 435 Nos.

Sl. No	Name of the States	Number of farmers
1.	West Bengal	79
2.	Mizoram	-
3.	Meghalaya	05
4.	Assam	167
5.	Jharkhand	-
6.	Tripura	-
7.	Odisha	71
8.	Manipur	113
Total=		435

During 4<sup>th</sup> QTR. : 44 Nos.

Sl. No	Name of the States	Number of farmers
1.	Mizoram (AIZWAL)	44

## ANNEXURE–XII

### 3. IT Initiatives

#### 3.4. Development of data base and technology under IT initiatives

Success indicator-ii. No. of messages up-loaded in M-Kisan Portal:

115 Nos. (Upto 4<sup>th</sup> Qtr.)

During 1<sup>st</sup> Qtr.). : 34 Nos.

Sl. No	Message	Recipients	Date
1	প্রথম ও দ্বিতীয় কলপে ১০০ মাল্টিxবাই এবং বাইxবাই পলুর ডিমের জন্য ১ থেকে ৩ টি ডালা করুন। নেটের সাহায্যে কাসার করুন। রোজ সকালে পাতা দেবার আধঘন্টা আগে পালকের পিছন বা চপস্টিক দিয়ে পলুর বেড বাড়ান।	1651	01-04-2016
2	ডালাতে পলু বেডের পরিসর বাড়ান। প্রতিদিন সকাল ৬ টা, দুপুর ১১ টা, বিকেল ৪ টা ও রাত ৮ টায় পাতা দিন। পলুঘরের তাপমাত্রা ২৭-২৮ ডিগ্রী সেন্টিগ্রেড এবং আর্দ্রতা ৮০-৮৫% বজায় রাখুন।	1649	06-04-2016
3	ডালায় ১০% (শতাংশ) পোকা রহাতে বসলে পলুকে পাতা দেওয়া বন্ধ করুন। মোম কাগজের ঢাকা ও ফোম প্যাড তুলে নিয়ে বেডে কলিচুন ছড়ান। ভোরে ও বিকেলের দিকে পলুঘরের জানালা দরজা হওয়া চলাচলের জন্য খুলে রাখুন।	1651	08-04-2016

4	তুঁত জমিতে হলুদ শুঁয়োপোকার আক্রমণ দেখা দিয়েছে। প্রথম থেকে শুঁয়োপোকার রোগাক্রান্ত ডালপাতা গুলি কেটে নিয়ে সার্ক জলে ডুবিয়ে মেরে ফেললে শুঁয়োপোকার ভয়ঙ্কর আক্রমণের হাত থেকে তুঁতপাতা রক্ষা করা যাবে।	1651	11-04-2016
5	ডালায় পলু পাতলা করে রাখুন। দুটি ডালার মাঝে অন্তত: ৮ ইঞ্চির ব্যবধান রাখুন। পলুর ঘরে আদ্রতা ৭৫-৮০ প্রতিশত রাখুন। ভিজে কাপড় দিয়ে ঘরা ঘিরে রাখুন। পলু রহা থেকে উঠলে ল্যাবেক্স বা বিজেতা ব্যবহার করুন।	1649	11-04-2016
6	ডালায় পলু পাতলা করে রাখুন। দুটি ডালার মাঝে অন্তত: ৮ ইঞ্চির ব্যবধান রাখুন। পলুর ঘরে আদ্রতা ৭৫-৮০ প্রতিশত রাখুন। ভিজে কাপড় দিয়ে ঘরা ঘিরে রাখুন। পলু রহা থেকে উঠলে ল্যাবেক্স বা বিজেতা ব্যবহার করুন।	108	13-04-2016
7	রোজ কাসারের পর সেরিসিলিন, ল্যাবেক্স বা বিজেতা ব্যবহার করুন। প্রতি বর্গফুট চন্দ্রাকীতে মাল্টিবাই হলে ৫০টা এবং বাইবাই হলে ৪০টা পাকা পলু রাখবেন। চন্দ্রাকী হাওয়া বাতাস যুক্ত স্থানে একটু হেলিয়ে রাখুন।	1651	19-04-2016
8	বাই-বাই পলুর ক্ষেত্রে ভরণা পাকের ছয় দিন পর এবং মাল্টি-বাই পলুর ক্ষেত্রে ভরণা পাকের পাঁচ দিন পর গুটি বা কোয়া চন্দ্রাকী থেকে ছাড়ান। খারাপ/ পচা গুটি বেছে নিয়ে আলাদা করার পরেই গুটির ক্লস ছারান।	1651	22-04-2016
9	সাদামাছি থেকে রক্ষা পেতে মুডাকাটার ১৫ দিন পর থেকে ১০ দিন অন্তর ১০ লি. জলে ১৫০ মিলি নীমতেল (1500ppm) ও ২ চামচ সাবানজল মিশিয়ে স্প্রে করতে হবে। ১ বিঘাতে ৭০লি. দ্রবন লাগবে। স্প্রে ১৫দিন পর পাতা খাওয়ানো	1653	23-04-2016
10	পলুঘর ও পলুপালনের আসবাবপত্র ৫% ব্লিচিং পাউডারের দ্রবণ ও স্যানিটেক দিয়ে শোধন করুন আর পলুঘরের চারিদিকে ভালভাবে ব্লিচিং পাউডার ছড়ান।	1888	26-04-2016
11	ব্লীচিং পাউডর और स्यानिटेक घोल से कीड़ा पालन घर, कीड़ा पालन सामग्री रोगाणुमुक्त करें और घर के आसपास ब्लीचिंग पाउडर का छिड़काव करें।	252	26-04-2016
12	তুঁত জমিতে লেদাপোকার আক্রমণ দেখা দিয়েছে। প্রথম থেকেই আক্রান্ত পাতা গুলি পোকা সহ কেটে সাবান জলে ডুবিয়ে মেরে ফেললে লেদাপোকার ভয়ঙ্কর আক্রমণের হাত থেকে তুঁতগাছ রক্ষা করা যাবে।	1885	28-04-2016
13	ছত্রাক রোগের হাত থেকে তুঁত পাতাকে বাঁচাতে মে মাসের দ্বিতীয় সপ্তাহে জমিতে ০.১% ব্যাভিস্টিন স্প্রে করতে হবে। ঔষধ স্প্রে করার পর ১০ দিন পর্যন্ত পলুকে ঐ তুঁত পাতা খাওয়ানো যাবে না।	1885	02-05-2016
14	পলুপালন শেষ হওয়ার পর তুঁত গাছ ছেঁটে ফেলুন। নিড়ানোর সময় তুঁত জমি হালকা কুপানোর পর ১০ দিন অন্তর অন্তর ভালো ভাবে সেচ দিন।	1887	05-05-2016
15	सफेद मकखी से पत्तों को बचाने के लिये पेड़ छंटाई के 15 दिन बाद 10 दिन का अंतराल में 10 लीटर पानी के साथ 150ml नीम-तेल (1500ppm) + 2 चम्मच साबुन का पानी मिलाकर स्प्रे करें। 15 दिन पत्तों मत खिलायें.	248	12-05-2016
16	সাদামাছি থেকে রক্ষা পেতে মুডাকাটার ১৫দিন পর থেকে ১০দিন অন্তর ১০লি. জলে ১৫০ মিলি নীমতেল (1500ppm) ও ২ চামচ সাবানজল মিশিয়ে স্প্রে করতে হবে। ১ বিঘাতে ৭০লি. দ্রবন লাগবে। স্প্রে ১৫ দিন পর পাতা খাওয়ানো।	1923	12-05-2016
17	ছত্রাক রোগের হাত থেকে তুঁত জমিকে বাঁচাতে মে মাসের চতুর্থ সপ্তাহে জমিতে ০.০১% প্ল্যান্টোমাইসিন স্প্রে করতে হবে। ঔষধ স্প্রে করার পর ১৪ দিন পর্যন্ত পলুকে ঐ তুঁত পাতা খাওয়ানো যাবে না।	1923	16-05-2016
18	ছত্রাক রোগের হাত থেকে তুঁত জমিকে বাঁচাতে মে মাসের চতুর্থ সপ্তাহে জমিতে ০.০১% প্ল্যান্টোমাইসিন স্প্রে করতে হবে। ঔষধ স্প্রে করার পর ১৪ দিন পর্যন্ত পলুকে ঐ তুঁত পাতা খাওয়ানো যাবে না।	1923	16-05-2016
19	फंगल (कवक) रोग से थहतूत पत्तों को बचाने के लिए मई महीना के चौथे सप्ताह में थहतूत क्षेत्र में 0.01% प्लान्टोमाइसीन (Plantomycin) स्प्रे करें। स्प्रे का 14 दिनों के बाद ही कीड़ाको पत्तियाँ खिलायें	253	17-05-2016
20	তুঁতগাছের টুকরা রোগাক্রান্ত অংশ গুলি সংগ্রহ ও ধ্বংস করুন। ১০ লিটার জলে ১৫০ মি.লি. নিমতেল (Azadirachtin-১৫০০ ppm) মিশিয়ে দশ দিনের ব্যবধানে দুবার স্প্রে করুন। শেষবার স্প্রে করার দশ দিন পর থেকে ঐ পাতা পালুকে খাওয়ানো যাবে।	1923	20-05-2016
21	ছত্রাক রোগের হাত থেকে তুঁত পাতাকে বাঁচাতে জুন মাসের প্রথম সপ্তাহে জমিতে ০.১% ব্যাভিস্টিন স্প্রে করতে হবে। ঔষধ স্প্রে করার পর ১০ দিন পর্যন্ত পলুকে ঐ তুঁত পাতা	1923	25-05-2016

	থাওয়ানো যাবে না।		
22	ফংগল (কবক) রোগ সে শহতুত পল্টী কো বচানে কে লিএ জুন মহীনা কে পহলা সপ্তাহ মঁ শহতুত ক্ষেত্র মঁ 0.1% ব্যাভিস্টিন (Bavistin) স্প্রে করঁ। স্প্রে করনে কা দশ (10) দিনোঁ কে बाद ही कीड़ाको पलित्तियोँ खिलायें।	251	25-05-2016
23	জমিকে সাদামাছির আক্রমণ থেকে বাঁচাতে মুড়াকাটার ১৫দিন পর থেকে ১০দিন অন্তর ১০লি. জলে ১৫০ মিলি নীমতেল (1500ppm) ও ২ চামচ সাবানজল মিশিয়ে স্প্রে করতে হবে। ১ বিঘাতে ৭০লি. দ্রবন লাগবে। স্প্রে ১৫দিন পর পাতা থাওয়ানো যাবে না।	1923	02-06-2016
24	ফংগল (কবক) রোগ সে শহতুত পল্টী কো বচানে কে লিএ জুন মহীনা কে दूसरा सप्ताह मँ शहतुत क्षेत्र मँ 0.1% ब्याभिस्टिन सप्रे करँ। सप्रे करने का दश दिनों के बाद ही कीड़ाको पलित्तियोँ खिलायें।	253	04-06-2016
25	ছত্রাক রোগের হাত থেকে তুঁত পাতাকে বাঁচাতে জুন মাসের দ্বিতীয় সপ্তাহে জমিতে ০.১% বাভিস্টিন স্প্রে করতে হবে। ঔষধ স্প্রে করার পর ১০ দিন পর্যন্ত পলুকে ঐ তুঁত পাতা থাওয়ানো যাবে না।	1923	04-06-2016
26	ছত্রাক রোগের হাত থেকে তুঁত পাতাকে বাঁচাতে জুন মাসের তৃতীয় সপ্তাহে জমিতে ০.০১% প্ল্যান্টোমাইসিন (0.01% Plantomycin) স্প্রে করতে হবে। স্প্রে করার পর ১৪ দিন পর্যন্ত পলুকে ঐ তুঁত পাতা থাওয়ানো যাবে না।	1935	08-06-2016
27	ফংগল (কবক) রোগ সে শহতুত পল্টী কো বচানে কে लिए जून महीना के तीसरा सप्ताह मँ शहतुत क्षेत्र मँ 0.01% प्ल्यान्टोमाइसीन (0.01% Plantomycin) सप्रे करँ। सप्रे करने का 14 दिनों के बाद ही कीड़ा को पलित्तियोँ खिलायें। वैज्ञानिक डी.के.रे.उ.अ.व प्र.सं.बहरमपुर (प.ब.)	601	08-06-2016
28	তুঁত গাছের টুকরা আক্রান্ত অংশগুলি সংগ্রহ ও ধ্বংস করুন। তুঁত জমি ও জমির চারপাশের আগাছা পরিষ্কার করুন। তারপর জমিতে ১.৫% নিমতেল স্প্রে করুন। স্প্রে করার পর দশ দিন পর্যন্ত ঐ জমির পাতা পলুপালনে ব্যবহার করবেন না।	1935	13-06-2016
29	ফংগল (কবক) রোগ সে শহতুত পল্টী কো বচানে কে लिए जून महीना के चौथा सप्ताह मँ शहतुत क्षेत्र मँ 0.01% प्ल्यान्टोमाइसीन (Plantomycin) सप्रे करँ। सप्रे करने का चौदह (14) दिनों के बाद ही कीड़ा को पलित्तियोँ खिलायें। वैज्ञानिक डी.के.रे.उ.अ.व प्र.सं.बहरमपुर (प.ब.)	601	17-06-2016
30	ছত্রাক রোগের হাত থেকে তুঁত পাতাকে বাঁচাতে জুন মাসের চতুর্থ সপ্তাহে জমিতে ০.০১% প্ল্যান্টোমাইসিন (Plantomycin) স্প্রে করতে হবে। মনে রাখবেন, স্প্রে করার পর ১৪ দিন পর্যন্ত পলুকে ঐ তুঁত পাতা থাওয়ানো যাবে না।	1935	17-06-2016
31	জমিতে সাদা মাছির আক্রমণ বেশী মাত্রায় দেখা দিলে 1.5% নিমতেল বা 0.1% ডাইক্লোরভস বা 0.015% থায়ামিথোক্সম স্প্রে করুন। স্প্রে করার 15 দিন পর থেকে পলুকে পাতা থাওয়ানো যাবে।	1935	20-06-2016
32	For 100 dfls of BixBi during 4 <sup>th</sup> stage at least 20 trays and during 5 <sup>th</sup> stage at least 23 trays are required. Clean the bed with net. Use Sericillin, Labex or Vijetha every day after bed cleaning. Scientist-D,CSRTI,Berhampore(WB)	53	21-06-2016
33	প্রথম ও দ্বিতীয় কলপে ১০০ মাল্টিবাই পলুর ডিমের জন্য ১ থেকে ৩ টি ডালা করুন। নেটের সাহায্যে কাসার করুন। প্রতিদিন সকালে পাতা দেবার আধঘন্টা আগে পালকের পিছন বা চপস্টিক দিয়ে পলুর বেড বাড়ান ও প্রতি বর্গফুটে ৩-৪ গ্রাম হারে সেরিসিলিন, ল্যাবেক্স বা বিজেতা ব্যবহার করুন।	1935	21-06-2016
34	ডালায় পর্যাপ্ত জায়গা রাখুন। পলুঘরে বায়ু চলাচলের ব্যবস্থা করুন। প্রতিদিন সেরিসিলিন প্রয়োগ করুন। রোগাক্রান্ত পলুকে ঘর থেকে দূরে ২ ফুট গর্ত করে পুঁতে ফেলুন। দূষিত তুঁত পাতা পলুকে থাওয়ানো যাবে না। দশা অনুযায়ী পাতা দিন।	1935	27-06-2016

(During 2<sup>nd</sup> Qtr.) 29 Nos.

Sl. No.	Message	Recipients	Date
1	For 100 dfls of BxB during 5 <sup>th</sup> stage at least 33 dala (6'x4') are to be provided. Clean the bed with net every morning. Use Sericillin/ Labex/ Vijetha as per recommended dose every day after bed cleaning. There should be good aeration in the rearing room.	53	01-07-2016
2	ডালায় পলু পাতলা করে রাখুন। দুটি ডালার মাঝে অন্তত: ৮ ইঞ্চি ব্যবধান রাখুন। পলুর ঘরে আর্দ্রতা ৬৫-৭০% রাখুন। পলু রহা থেকে উঠলে সেরিসিলিন, ল্যাবেক্স বা বিজেতা ব্যবহার করুন এবং আধ ঘন্টা পরে পাতা দিন। পলুঘর পরিষ্কার রাখুন ও পিঁপড়ের আক্রমণ থেকে সতর্ক হন।	1935	02-07-2016
3	পলু পেকে যাওয়ার পরে, সাদা মাছি নিয়ন্ত্রণ করার জন্য 10 লিটার জলে ৩ চা-চামচ ডাইক্লোরভস অথবা থায়ামিথোক্সম (একতারা) এর 5 গ্রামের প্যাকেট গুলে অল্প সাবান জল মিশিয়ে স্প্রে করুন। স্প্রে করার 15 দিন পর থেকে পলুকে পাতা থাওয়ানো যাবে।	1935	05-07-2016

4	আজ 7ই জুলাই সন্ধ্যা 8 টায় রেডিও মুর্শিদাবাদ কেন্দ্র থেকে এফ এম ১২০ MHz প্রচার তরঙ্গে বহরমপুর রেশম গবেষণা কেন্দ্রের একটি সাক্ষাৎকার মূলক অনুষ্ঠান সম্প্রচারিত হবে। সকল চাষীভাইদের অনুষ্ঠানটি শুনিবার আবেদন করা হচ্ছে।	1937	07-07-2016
5	পাকা পলু চন্দ্রাকীতে ঘন করে ছাড়বেন না। প্রতি বর্গফুট চন্দ্রাকীতে মাল্টিxবাই ৫০টা এবং বাইxবাই ৪০টার বেশী কখনই রাখবেন না। চন্দ্রাকী ছায়াতে হাওয়া বাতাস যুক্ত জায়গায়, হেলানো অবস্থায় রাখুন। সরাসরি রোদে রাখবেন না।	1933	08-07-2016
6	বাই x বাই পলুর ক্ষেত্রে ভরণা পাকের ছয় দিন পর এবং মাল্টি x বাই পলুর ক্ষেত্রে ভরণা পাকের পাঁচ দিন পর গুটি বা কোয়া চন্দ্রাকী থেকে ছাড়ান। খরাপ/পচা গুটি বেছে নিয়ে আলাদা করার পরেই গুটির রুস ছাড়াবেন।	1935	11-07-2016
7	Do not keep ripe worms thickly in chandraki. Never keep more than 40 worms (Bi x Bi) per sq.ft. of chandraki. Keep Chandraki at slanting position in shade and aerated place. Never keep the Chandraki in direct sunlight. Scientist-D,CSRTI,Berhampore(WB)	53	12-07-2016
8	কেন্দ্রীয় রেশম পর্যদের পক্ষ থেকে রেশমচাষীদের জন্য প্রতি বৃহস্পতিবার সন্ধ্যা ৮:১৫ মিনিটে মুর্শিদাবাদ এফ-এম প্রচার তরঙ্গ, ১০২.২ M.Hz. থেকে "রেশম কথা" অনুষ্ঠান এবং আগামী ১৭ই জুলাই সন্ধ্যা ৬টায় ডিডি বাংলায় প্রচারিত "ঘরে বাইরে" অনুষ্ঠানটি অনুগ্রহ করে শুনুন/দেখুন।	1937	13-07-2016
9	পলুঘর ও পলুপালনের আসবাবপত্র ৫% ব্লিচিং পাউডারের দ্রবণ ও স্যানিটেক দিয়ে শোধন করুন আর পলুঘরের চারিদিকে ভালভাবে ব্লিচিং পাউডার ছড়ান।	1939	21-07-2016
10	ब्लीचिंग पाउडर और स्यानिटेक घोल से कीड़ा पालन घर, कीड़ा पालन सामग्री रोगाणुमुक्त करें और घर के आसपास ब्लीचिंग पाउडर का छिड़काव करें। वैज्ञानिक डी.के.एस. प्र.अ.उ.रे., बहरमपुर (ब.प)	605	22-07-2016
11	Disinfect rearing room and rearing appliances with 5% Bleaching Powder solution and Sanitech. Spray bleaching powder around the rearing room. Scientist-D,CSRTI,Berhampore(WB)	56	23-07-2016
12	জমিকে সাদামাছির আক্রমণ থেকে বাঁচাতে ১০লি. জলে ১৫০ মিলি বা ৩০ চা-চামচ নীমতেল (১৫০০ পি.পি.এম) ও ২ চামচ সাবানজল মিশিয়ে ১০দিন অন্তর স্প্রে করতে হবে। ১ বিঘা জমিতে ৭০লি. দ্রবন লাগবে। শেষ স্প্রে করার ১৫ দিন পর পাতা খাওয়ানো যাবে।	1935	25-07-2016
13	আজ সন্ধ্যা ৮:১৫ মিনিটে রেডিও মুর্শিদাবাদ কেন্দ্র থেকে এফ এম ১০২.২ MHz প্রচার তরঙ্গে বহরমপুর রেশম গবেষণা কেন্দ্রের একটি অনুষ্ঠান "রেশম কথা" সম্প্রচারিত হবে। সকল চাষীভাইদের অনুষ্ঠানটি শুনিবার আবেদন করা হচ্ছে।	1937	28-07-2016
14	সাদামাছি থেকে রক্ষা পেতে ১০ লিটার জলে ৩০ চা-চামচ (১৫০ মিলি) নীমতেল (১৫০০ ppm) ও ২ চামচ সাবানজল মিশিয়ে ১০ দিন অন্তর দুবার স্প্রে করতে হবে। অথবা ৫ গ্রামের একটি একতারা প্যাকেট ১০ লিটার জলে মিশিয়ে স্প্রে করতে হবে। স্প্রে করার ১৫ দিন পর পাতা খাওয়ানো যাবে।	1935	30-07-2016
15	বিভিন্ন এলাকার তুঁত জমিতে শূঁয়াপোকার আক্রমণ দেখা যাচ্ছে। প্রতিদিন জমি পর্যবেক্ষণ করুন এবং শুককীট সহ আক্রান্ত অংশ গুলি সংগ্রহ করে পুড়িয়ে ধ্বংস করুন। তারপরেও যদি শূঁয়াপোকার আক্রমণ চলতে থাকে তাহলে ভালোভাবে সাবান জল স্প্রে করুন।	1936	02-08-2016
16	আজ এবং প্রতি বৃহস্পতি বার সন্ধ্যা ৮:১৫ মিনিটে রেডিও মুর্শিদাবাদ কেন্দ্র থেকে এফ এম ১০২.২ MHz প্রচার তরঙ্গে বহরমপুর রেশম গবেষণা কেন্দ্রের একটি অনুষ্ঠান "রেশম কথা" সম্প্রচারিত হবে। সকল চাষীভাইদের অনুষ্ঠানটি শুনিবার আবেদন করা হচ্ছে।	1938	04-08-2016
17	সাদামাছি থেকে রক্ষা পেতে ১০লি. জলে, ৩০ চা-চামচ (১৫০ মিলি) নীমতেল (১৫০০ পিপিএম) ও ২ চামচ সাবানজল অথবা ৫ গ্রামের একটি একতারা প্যাকেট ও ২ চামচ সাবানজল মিশিয়ে ১০ দিন অন্তর দুবার স্প্রে করতে হবে। স্প্রে করার ১৫ দিন পর থেকে পাতা খাওয়ানো যাবে।	1936	06-08-2016
18	পলুঘর ও পলুপালনের আসবাবপত্র ৫% ব্লিচিং পাউডারের দ্রবণ ও স্যানিটেক দিয়ে শোধন করুন আর পলুঘরের চারিদিকে ভালভাবে ব্লিচিং পাউডার ছড়ান।	1597	09-08-2016
19	আজ এবং প্রতি বৃহস্পতি বার সন্ধ্যা ৮:১৫ মিনিটে রেডিও মুর্শিদাবাদ কেন্দ্র থেকে এফ এম ১০২.২ MHz প্রচার তরঙ্গে বহরমপুর রেশম গবেষণা কেন্দ্রের একটি অনুষ্ঠান "রেশম কথা" সম্প্রচারিত হবে। সকল চাষীভাইদের অনুষ্ঠানটি শুনিবার আবেদন করা হচ্ছে।	1938	11-08-2016
20	বিভিন্ন এলাকার তুঁত জমিতে শূঁয়াপোকার আক্রমণ দেখা যাচ্ছে। প্রতিদিন জমি পর্যবেক্ষণ করুন এবং শুককীট সহ আক্রান্ত অংশ গুলি সংগ্রহ করে পুড়িয়ে ধ্বংস করুন। তারপরেও যদি শূঁয়াপোকার আক্রমণ চলতে থাকে তাহলে ভালোভাবে সাবান জল স্প্রে করুন।	1936	16-08-2016
21	আজ এবং প্রতি বৃহস্পতি বার সন্ধ্যা ৮:১৫ মিনিটে রেডিও মুর্শিদাবাদ কেন্দ্র থেকে এফ এম ১০২.২ MHz প্রচার তরঙ্গে বহরমপুর রেশম গবেষণা কেন্দ্রের একটি অনুষ্ঠান "রেশম কথা" সম্প্রচারিত হবে। সকল চাষীভাইদের অনুষ্ঠানটি শুনিবার আবেদন করা হচ্ছে।	1938	18-08-2016
22	সাদামাছি থেকে রক্ষা পেতে ১০লি. জলে, ৩০ চামচ (১৫০ মিলি) নীমতেল (১৫০০ ppm) ও ২ চামচ সাবানজল অথবা ৫ গ্রামের একটি একতারা প্যাকেট ও ২ চামচ সাবানজল মিশিয়ে ১০দিন অন্তর দুবার স্প্রে করতে হবে। স্প্রে করার ১৫দিন পর পাতা খাওয়ানো যাবে।	1936	20-08-2016
23	ইনকিউবেসনের জন্য কাগজের ডিম ডালার উপর আর বুরো ডিম হলে ইনকিউবেসন বাস্কে পাতলা করে রাখুন। ঘরের তাপমাত্রা ২৫ ডিগ্রী সেন্টিগ্রেড ও আর্দ্রতা ৮০ শতাংশ বজায় রাখুন। ডিম নীল হলে কালো কাপড় দিয়ে ঢেকে দিন। মুখলোর দিন সকালে কালো কাপড় সরিয়ে ডিমগুলিকে আলোর নীচে রাখুন।	1936	26-08-2016
24	গাছ প্রতি সাত মাসের সংখ্যা ২০টির বেশি হলে তুঁত জমিতে নির্ধারিত মাত্রায় নিমতেল অথবা একতারা স্প্রে করুন। পরিস্কার দিনে সকাল বেলা ৭টা থেকে ৮টার মধ্যে এবং বিকেলে ৪টে থেকে ৫টার মধ্যে ৭ দিন অন্তর দুবার স্প্রে করুন। শেষ স্প্রে করার ১৫ দিন পর পাতা খাওয়ানো যাবে।	1936	27-08-2016
25	কেবল মাত্র সরকারী বীজাগার অথবা লাইসেন্স প্রাপ্ত বীজ উৎপাদকের কাছ থেকেই রোগ মুক্ত ডিম সংগ্রহ	1934	30-08-2016

	করুন। সকালে অথবা বিকেলে ঠাণ্ডা আবহাওয়ায়, ছিদ্রযুক্ত প্লাস্টিকের ডিম পরিবহন বুড়িতে, ভেজা কালা কাপড় দিয়ে ঢেকে ডিম পরিবহন করুন।		
26	শরদ ফসল (লাস্ট রুপ ) মা কিরা ঘরকো পরিশোধন @ ৩২ লিটার / বর্গ মিটার সেনিটেক লে গর্নু পর্যন্ত	70	03.09.2016
27	চাকী স্টার বাট কিরা সময় মা ল্যাডলু পর্যন্ত ।	70	06.09.2016
28	পলুকে ভিজা পাতা খাওয়াবেন না। বৃষ্টি বন্ধ হওয়ার আধঘন্টা পর মাঠ থেকে পাতা সংগ্রহ করবেন। প্রতিদিন সকালে পাতা দেওয়ার আধঘন্টা আগে পালকের পিছন বা চপস্টিক দিয়ে পলুর বেড বাড়ান ও প্রতি বর্গ ফুটে ৩ থেকে ৪ গ্রাম হারে সেরিসিলিন, ল্যাবেক্স বা বিজেতা ব্যবহার করুন।	1736	07.09.2016
29	১০ শতাংশ পোকা রহাতে গেলে পাতা দেওয়া বন্ধ করুন ও পলুর বেডে প্রতি বর্গফুটে ৩ থেকে ৪ গ্রাম হারে কলিচুন ছড়ান। ১০ শতাংশ পোকা চিয়ানে উঠলে প্রতি বর্গ ফুটে ৩ থেকে ৪ গ্রাম হারে সেরিসিলিন, ল্যাবেক্স বা বিজেতা ছড়িয়ে আধঘন্টা পর নেট দিয়ে পাতা দিন।	1736	08.09.2016

(During 3<sup>rd</sup> Qtr.) : 27 Nos.

Sl. No.	Message	Recipients	Date
1	পাকেকো রেশাম কিরা চন্দ্রকী মা পাতলো গরর উচিত) দুরীমারান্ধু হোস ( ।	156	03.10.2016
2	সাদা মাছির আক্রমণ থেকে রক্ষা পাওয়ার জন্য বিঘা প্রতি ২০টি (২ফুট x ১ফুট) হলুদ প্লাস্টিকের আঠালো ফাঁদ তুঁত জমিতে অবশ্যই লাগান।	1936	14.10.2016
3	ব্লিচিং পাউডার ও স্যানিটিক ড্রবন দিয়ে পলুঘর, পলুপালনের আসবাবপত্র শোধন করুন এবং ঘরের চারপাশে ব্লিচিং পাউডার ছড়ান।	1940	17.10.2016
4	শরদ ফসল পল্লি তপাইকী কিরা পাল্লে ঘর অনি সরসমান সেনিটেকলে সাফসফাই- গর্নু হোস।	309	18.10.2016
5	কেবলমাত্র সরকারী বীজাগার অথবা লাইসেন্স প্রাপ্ত বীজ উৎপাদকের কাছ থেকে রোগ মুক্ত ডিম সংগ্রহ করুন। ছিদ্রযুক্ত প্লাস্টিকের ডিম পরিবহন বুড়িতে ভেজা কালা কাপড় দিয়ে ঢেকে সকালে অথবা বিকেলে ঠাণ্ডা আবহাওয়ার মধ্যে ডিম পরিবহন করুন।	1936	21.10.2016
6	সাদা মাছির সংখ্যা বিপদ সীমার উপরে লক্ষ্য করা যাচ্ছে। তুঁত চাষীদের অনুরোধ করা হচ্ছে যে যদি ১৫ দিন বাদে পলুপোকা মুখানোর দিন স্থির হয়ে থাকে তবে ১০ লিটার জলে ৫ গ্রামের একটি একতারা স্যাচেট গুলে বিকেল ৩ টের পর তুঁত জমিতে স্প্রে করুন।	1940	24.10.2016
7	শরদ ফসল পল্লি তপাইকী কিরা পাল্লে ঘর অনি সরসমান সেনিটেকলে সাফসফাই- গর্নু হোস।	155	25.10.2016
8	পলুঘরের তাপমাত্রা ২৬-২৭ ডিগ্রী সেন্টিগ্রেড ও আর্দ্রতা ৮০-৮৫ শতাংশ বজায় রাখুন। বেডের আর্দ্রতা বজায় রাখার জন্য ভিজে ফোমপ্যাড এবং প্যারাক্সিন কাগজ ব্যবহার করুন।	1936	27.10.2016
9	প্রতিদিন সকালে পাতা দেবার আধঘন্টা আগে পালকের পিছন বা চপস্টিক দিয়ে পলুর বেড বাড়ান। পলুঘরের তাপমাত্রা ২৭-২৮ ডিগ্রী সেন্টিগ্রেড এবং আর্দ্রতা ৮০-৮৫% বজায় রাখুন। বেডের আর্দ্রতা বজায় রাখার জন্য ভিজে ফোমপ্যাড ও প্যারাক্সিন কাগজ ব্যবহার করবেন।	1936	02.11.2016
10	১০ শতাংশ পোকা রহাতে বসলে পাতা দেওয়া বন্ধ করুন। মোম কাগজ ও ফোম প্যাড তুলে নিয়ে বেডে কলিচুন ছড়ান। ১০ শতাংশ পোকা চিয়ানে উঠলে প্রতি বর্গ ফুটে ৩ থেকে ৪ গ্রাম হারে সেরিসিলিন, ল্যাবেক্স বা বিজেতা ডাস্টিং করে আধ ঘন্টা পর নেট দিয়ে পাতা দিন।	1936	03.11.2016
11	সবসময় নেটের সাহায্যেই কাসার করবেন। জমি থেকে কেটে আনা পাতা সতেজ রাখার জন্য ডালগুলি খাড়া ভাবে রেখে ভিজে চট দিয়ে ঢাকুন এবং চটটি সারাদিনে অন্তত দুবার ভিজিয়ে দিন।	1936	04.11.2016
12	সোদ কলপে (4 <sup>th</sup> Stage) প্রতিদিন সেরিসিলিন, ল্যাবেক্স বা বিজেতা ডাস্টিং করুন এবং নেটের সাহায্যে কাসার করুন। কাসার যেখানে সেখানে ফেলবেন না, সংক্রমণ এড়ানোর জন্য কাসার গুলি পলুঘর থেকে দূরে গর্তের মধ্যে ফেলে, অবশ্যই মাটি চাপা দিন।	1936	07.11.2016
13	রোগাক্রান্ত ও মরা পোকা যেখানে সেখানে না ফেলে একটি প্লাস্টিকের গামলায় ৫% ব্লিচিং পাউডারের দ্রবণের মধ্যে সংগ্রহ করুন এবং দিনের শেষে পলুঘর থেকে দূরে গর্তের মধ্যে ফেলে মাটি চাপা দিন।	1936	09.11.2016
14	সোদ কলপ (4 <sup>th</sup> moult) থেকে সমস্ত পলু চিয়ানে উঠলে সেরিসিলিন, ল্যাবেক্স বা বিজেতা ডাস্টিং করে আধ ঘন্টা পর নেট দিয়ে পাতা দিন। রোজের (5 <sup>th</sup> stage) পলুকে কড়া (matured) পাতা খাওয়াবেন, কখনোই কচি পাতা খাওয়াবেন না।	1936	11.11.2016
15	প্রতিদিন সেরিসিলিন, ল্যাবেক্স বা বিজেতা ডাস্টিং করে আধ ঘন্টা পর নেট দিয়ে পাতা দিন এবং কাসার করার পর বেডের পরিসর বাড়ান পলুকে দৃষ্টিত ও কচি তুঁত পাতা না থাইয়ে সঠিক মানের কড়া পাতা খাওয়ান। রোগাক্রান্ত ও মরা পলুকে ঘর থেকে দূরে গর্তের মধ্যে পুঁতে ফেলুন।	1936	16.11.2016
16	রোজে (5 <sup>th</sup> Stage) ১০০ ডিমের মাল্টি X বাই পলুর জন্য ৬ফুট X ৪ফুট মাপের ১৭ টি এবং বাই X বাই পলুর জন্য ২৩ টি ডালা ব্যবহার করুন। পলুঘরের তাপমাত্রা ২৫ ডিগ্রী সেন্টিগ্রেড এবং আর্দ্রতা ৭০% বজায় রাখুন।	1936	17.11.2016
17	পাকা পলু চন্দ্রাকীতে ঘন করে ছাড়বেন না। প্রতি বর্গফুটে চন্দ্রাকীতে মাল্টি X বাই পলু ৫০টা এবং বাই X বাই পলু ৪০টার বেশী কখনই রাখবেন না। পোকা সহ চন্দ্রাকী রোদের মধ্যে না রেখে হাওয়া বাতাস যুক্ত ছায়া জায়গায় হেলানো অবস্থায় রাখুন।	1936	18.11.2016
18	বাই-বাই পলুর ক্ষেত্রে ভরণা পাকের ছয় দিন পর এবং মাল্টি-বাই পলুর ক্ষেত্রে ভরণা পাকের পাঁচ দিন পর গুটি বা কোয়া চন্দ্রাকী থেকে ছাড়ান। খরাপ / পচা গুটি বেছে নিয়ে আলাদা করার পরেই গুটির ক্লস ছাড়বেন।	1936	22.11.2016
19	গুটি বিক্রীর আগে, গুটির সাইজ অনুযায়ী আলাদা করে, ছিদ্রযুক্ত নাইলনের বস্তায় হালকা ভাবে ভরুন। প্রথমে শিবপুর, পলসন্ডা, মুর্শিদাবাদ অবস্থিত অটোমেটিক রিলিংগ মেশিন কেন্দ্রে, অল্প কিছু গুটি নিয়ে গিয়ে	1936	23.11.2016

	দাম যাচাই করে নিতে পারেন।		
20	কিম্বু বারীকো ড়ারসফাই গন্ হোস। বৈজ্ঞানিক ডী-জংল সাফ-, কে.সং.ব প্র.অ.উ.র.,বহরমপুর (.ব.প)	155	28.11.2016
21	কিম্বুকো বোটমা ঞকো সম্পূর্ণ পাতহরু টীপের ড়ানু হোস। বৈজ্ঞানিক ডী, কে.ব.অ.উ.র. প্র.সং.,বহরমপুর (.ব.প)	155	29.11.2016
22	গুটি বিক্রির কাজ শেষ হলে ৫% ব্রিটিং পাউডার/স্যানিটিক ড্রবণ দিয়ে পলুষের শোধন করুন এবং ঘরের চারপাশে ব্রিটিং পাউডার ছড়ান।	1936	09.12.2016
23	কো-ৱা বাংবিবার গুগুট দিনরতে কো-ৱা শ্রপল করতু.	69	02.12.2016
24	ভল কো-ৱা ঙাথল কো-ৱা ও ফপ্‌গা কো-ৱা বাল্লি থললা করতু.	69	05.12.2016
25	শ্রগুটপ দিনরতে বিক্রি দিনতবে রগেগপ গাষ্ট্র শ্রপবানু শ্রপিত শ্রফ্‌গুক কো-ৱা নলে থাথতু.	69	06.12.2016
26	তুত রল্ল বৃত্তিকু টিবেশ্বর মাথ 25-30 তারিগ মাথরে তুনি ারু 90 থেদি ভল্লতারে কাচতু . রোবর গুত/কাদা গুত তুত বারতরে প্রয়োগ করি ভল ভাবরে মারিারে নিগাল দিশতু   শ্রজ্জালা ফেব্রুয়ারি 2017 মাথরে রেগপ গাষ্ট্র থাল্ল ভপমুক্ত পতু থালথারিবে	69	21.12.2016
27	তুঁত গাছের সঠিক বৃদ্ধি ও পাতার ফলন বেশী পাওয়ার জন্য মুড়া কাটার ১৫ দিন পর প্রথমবার এবং আরো ১৫ দিন পর দ্বিতীয় বার তুঁত জমিতে মোরিজাইম-বি (Morizyme-B) স্প্রে করুন।	1936	30.12.2016

**During 4<sup>th</sup> Qtr.: 25 Nos.**

Sl. No.	Message	Recipients	Date
1	किम्बुको हाँगाहरु काटने काम जनवरी, 2017 को दोस्रो सप्ताहमा समाप्त गर्नु होस। हाँगा काटेपछि चुनाको घोल काटेको भाग र बोटमा ब्रूसले लगाउनु होस। वैज्ञानिक डी. के. सं. व. प्र. अ. उ. रे., बहरमपुर (.ब.प)	153	10.01.2017
2	किम्बु बारीमा पाकेको मल लगाउनु होस साथै हल्का खन्नु पनि होस।	153	11.01.2017
3	पलुर डिम केवल मात्र सरकारी बीजागार अथवा सरकारी लाइसेंस प्राप्त बीज उत्पादकहरूबाटै संग्रह गरून्।	1936	26.01.2017
4	पलुर ओ पलुरपालनको आसपास ५% रिचिंग पाउडरको द्रवण ओ स्यानिटेक दिने शोधन करून आर पलुरको चारिदिक्क भालाभावे रिचिंग पाउडर छुडान।	1936	27.01.2017
5	पलुर डिम केवल मात्र सरकारी बीजागार अथवा सरकारी लाइसेंस प्राप्त बीज उत्पादकहरूबाटै संग्रह करून।	1934	28.01.2017
6	डिम सरवरारको दिन सर्तक बावे जेने निचे तार ७ थेके ८ दिन आगे ५% रिचिंग पाउडर द्रवण वा स्यानिटेक द्रवण स्प्रे करे पलुर ओ पलुरपालनको सरञ्जाम भाल करे परिशोधन करून।	1936	30.01.2017
7	इनकिडेवेसनको ज्या क्राजेर डिम डालार उपर आर बुरो डिम हले इनकिडेवेसन बास्त्रे पातला करे राखुन। घरको तापमात्रा २५ डिग्र्री सेन्टिग्रेड ओ ४० शतांश आर्द्रता बजाय राखुन।	1936	31.01.2017
8	पलुर वेडेर परिसर बाडान। प्रतिदिन सकाल ६ टा, दुपूर ११ टा, बिक्ल ८ टा ओ रात ४ टाय पाता दिन। पलुरघरेर तापमात्रा २९-३४ डिग्र्री सेन्टिग्रेड एवं ४०-४५% आर्द्रता बजाय राखुन।	1936	04.02.2017
9	२० शतांश पोका रहते बसले पाता देओया बन्न करून। मोम क्राज ओ फोम प्याड ठूले निचे बेडे कलिचून छुडान।	1936	06.02.2017
10	२० शतांश पोका चियाने उठले प्रति वर्ग फूटे ७ थेके ८ ग्राम हारे सेरिसिलिन, ल्याबेक्स वा बिजेता डास्टिङ करे आध घन्टा पर नेट दिने पाता दिन।	1936	07.02.2017
11	थ्रिप्स पोकार आक्रमण थेके ठूंत पाताके रक्षा करते जमीर चारपाश यतटा सम्भव आगाछा मुक्त राखुन। जमिति गभीर बावे थोड दिने परे ठासिने सेच दिन।	1936	08.02.2017
12	ठूंत जमिति पाताय थ्रिप्स पोकार आक्रमण देखा याछे। पोका रहते वा मोलेट गेले पातार तलार दिक्क जल स्प्रे करून। नजलेर मुख उपरेर दिक्क करे गाछेर गोडा थेके डगार दिक्क जल स्प्रे करून।	1936	13.02.2017
13	सोद कल्पे (4th Stage) १०० डिमेर माल्टि X बाई पलुर ज्या ६फूट X ८फूट मापेर २टि एवं बाई X बाई पलुर ज्या १२ टि डाला व्याहार करून। पलुरघरेर तापमात्रा २८-३५ डिग्र्री सेन्टिग्रेड एवं ९५% आर्द्रता बजाय राखुन।	1936	20.02.2017
14	एकद्वित्व वृत्तिमान नियमित रूपमा निम्नान्तर्वर्तीकरण गर्ने एउटा एउटा गार्मिन्ग गार्मिन्ग Irrigate mulberry field at regular intervals and avoid cattle grazing.	113	21.02.2017
15	20-02-2017 तारिखको रोगको कारण शरीर शुद्धीकरण गर्नु हो। रोगको रोकथाम गर्न रोगको रोकथाम गर्नु हो। DFLs brushed on 20-02-2017 at CRC. Disinfect rearing houses and equipment before arrival of Chawki worms.	113	22.02.2017
16	0.1 प्रतिशत बी किम्बुको कलीलो पातहरूमा स्प्रे शुरू गर्नु होस - मोरीजायम (%) । Spray of Morizyme-B (0.1%) is to be started in mulberry field.	151	27.02.2017
17	मोरीजायम-बी, दुईपल्ट दस दिनको अन्तर गरेर स्प्रे गर्नु होस। Morizyme-B is to be applied twice in ten days interval.	151	01.03.2017
18	बाई-बाई पलुर क्षेत्र भरण पाकेर छय थेके सात दिन पर एवं माल्टि-बाई पलुर क्षेत्र पाँच थेके छय दिन पर गुटि वा कोया चन्द्राकी थेके छुडान। थाराप/पचा गुटि बेछे निचे आलापा करार परेई गुटिर ब्रस छुडान।	1936	03.03.2017

19	গুটি বিক্রি শেষ হওয়ার পর পলুঘর ও পলুপালনের আসবাবপত্র ৫% ব্রিচিং পাউডারের দ্রবণ ও স্যানিটেক দিয়ে ভালভাবে শোধন করুন আর পলুঘরের চারিদিকে ব্রিচিং পাউডার ছড়ান।	1939	10.03.2017
20	তুঁত গাছকে থ্রিপস পোকাকার আক্রমণ থেকে রক্ষা করতে ১০ লিটার জলে ১৫০ মি.লি. বা ৩০ চা-চামচ নিমতলের (১৫০০ পি.পি.এম.) সাথে ১০মি.লি. সাবান জল মিশিয়ে পাতার তলার দিক থেকে গাছের উপরের দিকে স্প্রে করুন। ১ বিঘা জমির জন্য ৭০ লিটার দ্রবণ প্রয়োজন। ১৫ দিন পরে পাতা খাওয়ান।	1936	15.03.2017
21	থ্রিপস পোকাকার আক্রমণ থেকে তুঁত গাছকে রক্ষা করতে ১০ লিটার জলে ১ প্যাকেট বা ৫ গ্রাম একতারার (খায়ামেথোক্সম) সাথে ১০মি.লি. সাবান জল মিশিয়ে পাতার তলার দিক থেকে গাছের উপরের দিকে স্প্রে করুন। ১ বিঘা জমির জন্য ৭০ লিটার দ্রবণ প্রয়োজন। ১৫ দিন পরে পাতা খাওয়ান।	1936	17.03.2017
22	তুঁত জমিতে পাতায় থ্রিপস পোকাকার আক্রমণ দেখা যাচ্ছে। পাতার তলার দিক থেকে উপরের দিকে লাগাতার ৩ দিন জল স্প্রে করুন। নজলের মুখ উপরের দিকে করে গাছের গোড়া থেকে ডগার দিকে, হাওয়া যে দিক থেকে বইছে সেদিক থেকে জল স্প্রে করুন।	1934	22.03.2017
23	0.1 প্রতিশত মৌরীজায়মবী-যদি স্প্রে গরেকো ঠুন মনে কীম্বু বারীমা ইষ্ট স্প্রে শুরু করুন হোস, কারণ 40-45 দিন পত্তি চাকী কীরা তপার্কো ঘরমা আতনে চ। Spray of Morizyme- B(0.1%). If it is not applied till now, immediately spray is to be started in mulberry field, because after 40-45 days of spray chawki worms will be distributed.	154	24.03.2017
24	মৌরীজায়ম - বী, দুইপল্ট দস দিনকো অন্তর গরেক স্প্রে করুন পত্তি। প্রয়োগ গরেকো 15 দিন পত্তি মাত্র কীরা লাই দিনু সকীন চ। Morizyme-B is to be applied twice in ten days interval. After 15 days leaf can be utilised for silk worm rearing.	151	25.03.2017
25	জমিতে তুঁত পাতায় থ্রিপস পোকাকার আক্রমণ দেখা দিলেই পাতার তলার দিক থেকে উপরের দিকে লাগাতার ৩ দিন জল স্প্রে করুন। নজলের মুখ উপরের দিকে করে গাছের গোড়া থেকে ডগার দিকে, হাওয়া যে দিক থেকে বইছে সেদিক থেকে জল স্প্রে করুন।	1936	27.03.2017

## ANNEXURE-XIII

### 3. IT Initiatives

#### 3.4. Development of data base and technology under IT initiatives

Success indicator-iii. Up-loading of data in “Seri-5k” Portal:

6815 Nos. (Upto 3<sup>rd</sup> Qtr.)

Name of the clusters	Total enrolled farmers
Malda, West Bengal	526
Murshidabad, West Bengal	1176
Birbhum (Rampurhat), West Bengal	212
Nadia, West Bengal	593
Keonjar/Ghatgaon, Odisha	320
Kashipur, Odisha	201
Kishanganj, Bihar	230
Darrang, Assam & BTC	556
Jorhat, Assam	400
Udalguri, Assam	375
Aizawl, Mizoram	300
Peren, Nagaland	328
Churach'pur, Manipur	628
Ukhrul, Manipur	576
West Tripura, Tripura	394
<b>Total=</b>	<b>6815</b>

## ANNEXURE–XIV

### 3. IT Initiatives

#### 3.4. Development of data base and technology under IT initiatives

**Success indicator-iv. No. of Research Projects uploaded for E-Monitoring: Achieved upto 4<sup>th</sup> Qtr. : Project – 45 Nos (Ongoing-38 Nos. + Concluded -7 Nos.)**

Sl. No.	Code	Title
1.	ARP 3522	Isolation, Cloning and Characterization of Antibacterial Protein (s) from Silkworm, <i>Bombyx mori</i> L. (May, 2015 to April, 2018).
2.	PRE 3533	Identification of whitefly resistance in mulberry germplasm accessions. (July, 2015 to June, 2018).
3.	PPE-3517	Population interactions of pests and natural enemies in mulberry eco- system. (Aug., 2014 to July, 2017)
4.	PPF 3532	Assessment, development and management of area under mulberry in major sericulture districts of West Bengal using geo-spatial technique. (February, 2015 to January, 2017).
5.	CSS-2107	Forewarning of mulberry diseases of Eastern and North Eastern India. (April, 2012 to March, 2017)
6.	AIB-3501	Development of multivoltine silkworm ( <i>Bombyx mori</i> L.) breeds with high Shell percentage and high neatness of silk filament. (July, 2013 to June, 2016)
7.	ARP 3516	Studies on synbiotics (combination of probiotic and prebiotic) induction for control of comm diseases of silkworm <i>Bombyx mori</i> L. (October, 2014 to September, 2016)
8.	APS3539	Characterization of mulberry growing soils for nutrient management in selected Seri-villages of Golaghat district of Assam. (April, 2015 to March, 2017)
9.	PIB 3548	Evaluation of bacterial leaf spot resistant improved progenies of mulberry for field utilization. (January, 2016 to December, 2018)
10.	PPA 3560	Studies on High Bush and Tree type mulberry plantation under rainfed condition of Odisha. (April, 2014 to March, 2019)
11.	AIT 3557	Conduct of multi-locational trials of transgenic silkworm hybrids under contained facilities. (January, 2016 to March, 2017)
12.	PPS 3504	Study on root rot disease of mulberry in the Gangetic plains of West Bengal and development of its control measures. (April, 14 to March.,17) ) – As PI
13.	PIB 3515	Evaluation of new developed triploid mulberry varieties for productivity and quality. (Jun., 2014 to Mar.,2017)
14.	PIB 3505	Development of drought tolerant mulberry variety for Rainfed Sericulture. [Collaborative project with CSGRC, Hosur]. (Jan., 2014 to Dec., 2019).
15.	PIB-3479	Development of high yielding mulberry varieties using physiological growth parameters as markers (Oct., 2012 to Sept., 2016).
16.	PIB 3521	Assessment of promising powdery mildew resistance lines for perspective commercial use. (January, 2015 to December, 2017).
17.	PIB 3576	Evaluation of new mulberry genotypes for improvement in productivity and quality. (June, 2016 to July, 2020).
18.	PIN3587	Improvement of leaf quality and productivity through external application of seaweed extracts in mulberry. (Oct., 2016 to Sept., 2017).
19.	PPF 3585	Application of Growing Degree Days as a Model Driver for Developing Mulberry Yield Weather Model. (Oct. 2016 to Dec. 2018).
20.	MOT 3601	Skill Gap Analysis and Capacity Building of Sericulture Extension Workers and Farmers in Traditional and Non Traditional States. (Nov., 2016 to April, 2018).
21.	MTS 3599	Study on mulberry sericulture production in West Bengal: a statistical approach. (Nov., 2016 to April, 2018).
22.	AIB 3602	Development of thermo-tolerant bivoltine breeds / hybrids of silkworm, <i>bombyx mori</i> through marker assisted selection. (Nov., 2016 to Oct., 2021).
23.	TRE 3589	Assessment of designed antimicrobial peptides for mulberry protection against brown leaf spot and root rot: a biotechnological approach. (Oct., 2016 to Sept., 2019).



24.	ARP 3590	Studies on the efficacy of phototrophic bacterial extracts as feed supplement for management of diseases in silkworm, <i>Bombyx mori</i> L. (Oct., 2016 to Sept., 2019).
25.	PPA 3588	Evaluation of Low Cost Drip Fertigation Systems on Yield and Quality of mulberry Leaves. (Oct., 2016 to Mar., 2019)
26.	PPA 3499	Evaluation of field level performance of Vishala mulberry variety in different locations under irrigated conditions in West Bengal. (April, 2013 to Mar., 2018).
27.	PPS 3600	Soil health card preparation for mulberry growing soils in Eastern and North Eastern India. (Nov., 2016 to Oct., 2019).
28.	PPS 3598	Arsenic contamination in mulberry sericulture of Bengal plain and its alleviation through application of zinc in soil. (November, 2016 to October, 2019)
29.	AIB-3545	Authorization Trials of Silkworm Hybrids in Eastern & North Eastern India. (August, 2015 to July, 2017)
30.	AIB 3547	Development of high temperature and high humidity tolerant bivoltine breeds of silkworm ( <i>Bombyx mori</i> L.) (July, 2015 to June, 2018)
31.	AIB3577	Evaluation of multivoltine germplasm to identify potential parents for developing cross breeds suitable for Southern and Eastern India. (March, 2016 to February, 2019)
32.	AIB 3578	Evaluation of exotic bivoltine silkworm breeds to identify promising parental genetic resources". (June 2016 to September 2019)
33.	PPS 3559	Testing of carbon capturing potential of mulberry in different locations. (April, 2015 to March, 2018 )
34.	AIB3466	Development of region specific bivoltine breeds suitable for highly fluctuating and seasonally variable climatic conditions of Eastern and North-Eastern India. (August, 2011 to December, 2016)
35.	AIB 3480	Development of silkworm ( <i>Bombyx mori</i> L.) breeds from a gene pool with higher genetic plasticity. (September, 2012 to August, 2016)
36.	BPI(P) 025	BPI(P)025:Maintenance of Mulberry Germplasm Bank at CSR&TI, Berhampore, West Bengal. (January, 2016 to December, 2020)
37.	BAR(RP) 021	Survey, surveillance and monitoring of silkworm diseases in seed and commercial crops in Eastern and North Eastern India. (April, 2016 to March, 2019)
38.	BPI(PS) 010	Identification of Biochemical markers for thermotolerance in silkworm <i>Bombyx mori</i> L. (October 2016 to September 2017)
<b>Concluded Projects</b>		
1.	PIB 3424	Development of low temperature stress tolerant mulberry genotypes for subtropical plains.
2.	PPS 3452	Terrestrial Carbon sequestration for sustained high productivity of quality mulberry.
3.	APS 3497	Studies on the environmental effect on P1 rearing, its' grainage performance followed by commercial rearing of Silkworm <i>Bombyx mori</i> L., during unfavourable seasons of West Bengal.
4.	AIB 3496	Development of high temperature and high humidity tolerant bivoltine breeds of silkworm ( <i>Bombyx mori</i> L.).
5.	AIB 3531	Authorization trials of silkworm hybrids in Eastern and North Eastern India.
6.	PRE 3508	Studies on standardization of the mass multiplication and field efficacy of <i>Scymnus pallidicollis</i> (Mulsant) for the eco-friendly management of "Tukra".
7.	PRE 3511	Studies on predatory efficacy of coccinellid predator, <i>Scymnus posticalis</i> Sicard for management of white fly on mulberry.

## ANNEXURE-XV

### 3. IT Initiatives

#### 3.4. Development of data base and technology under IT initiatives Success indicator-V. Digitization of Soil Health Records: 43 Nos.

Submitted full revised project entitled, "Soil health card preparation and mapping of nutrient status of mulberry growing soils in Eastern and North-Eastern India" to Central Office Bangalore vide letter No. CSB/CSR&TI/PMCE/R-29 (F)/2016-17/1791/7966 dated: 16.09.2016. Code No. **PPS 3600** allotted during 3<sup>rd</sup> QTR. Collection of soil samples from farmers' fields followed by processing of the same is under progress. 2

JRFs for CSR&TI has been recruited and Interview for recruitment of 2 JRFs for RSRS, Jorhat and REC Imphal arranged. Order for purchase of 4 Mridaparikshak and 6 GPS were placed.

**During 4<sup>th</sup> QTR. : 43 Nos. at RSRS, Jorhat**

**List of mulberry growing farmers from Kakodonga, Dergaon and Kathalguri blocks of Golaghat district, Assam**

**Kakodonga (Block)**

1. Mrs. Anjali Patir, village-Natun Chapori, Kakodonga, Golaghat, Assam
2. Mrs. Beauty Patir, village-Natun Chapori, Kakodonga, Golaghat, Assam
3. Sri Hemanta Doley, village- Natun Chapori, Kakodonga, Golaghat, Assam
4. Mrs. Punyawati Pegu, village- Natun Chapori, Kakodonga, Golaghat Assam
5. Mrs. Mausomi Pegu, village- Natun Chapori, Kakodonga, Golaghat Assam
6. Mrs. Sonali Patir, village-Natun Chapori, Kakodonga, Golaghat Assam
7. Mrs. Malaya Patir, village-Natun Chapori, Kakodonga, Golaghat Assam
8. Mrs. Moromi Patir, village- Natun Chapori, Kakodonga, Golaghat Assam
9. Mrs. Sonmoti Mili, village-Natun Chapori, Kakodonga, Golaghat Assam
10. Mr. Prabin rajbonshi, village- Shawguri Bilotia gaon, Kakodonga, Golaghat Assam
11. Sri Reboti Mohan Rajbonshi, village- Shawguri, Kakodonga, Golaghat Assam
12. Ms. Rumi Begum, Shawguri, village- Bilotia gaon, Kakodonga, Golaghat Assam
13. Ms. Junu Begum, Shawguri, village- Bilotia gaon, Kakodonga, Golaghat Assam
14. Mr. Kanakeswar Mech, village- Shawguri, Kakodonga, Golaghat Assam
15. Mrs. Anima Mech, village-Shawguri kacharigaion, Kakodonga, Golaghat Assam
16. Mrs. Dipali Pegu, village- Shawguri Mirigaon, Kakodonga, Golaghat Assam

**Dergaon(Block)**

17. Ms. Helina pegu, village-Dani Chapori, Dergaon, Golaghat Assam
18. Ms. Kalpana Pegu, village-Dani Chapori, Dergaon, Golaghat Assam
19. Mrs. Priya Pegu, village-Dani Chapori, Dergaon, Golaghat Assam
20. Mrs. Kabita Pegu, village- Dani Chapori, Dergaon, Golaghat Assam
21. Sri Jileswar Borah, village- Dadhara gaon, Dergaon, Golaghat Assam
22. Mrs. Kunjalata Borah, village- Dadhara gaon, Dergaon, Golaghat Assam
23. Mrs. Purnima Borah, village- Dadhara gaon, Dergaon, Golaghat Assam
24. Mr. Bipul Borah, village- Dadhara gaon, Dergaon, Golaghat Assam
25. Mr. Akhil Borah, village- Dadhara gaon, Dergaon, Golaghat Assam
26. Mrs. Nilima Dutta, village- Dadhara gaon, Dergaon, Golaghat Assam

**Kathalguri (Block)**

27. Mr. Rupeswar Saikia, village, Sonowal Gaon, Kathalguri, Golaghat
28. Mrs. Mamoni Saikia, village, Sonowal Gaon, Kathalguri, Golaghat
29. Mr. Dhiren Saikia, village, Sonowal Gaon, Kathalguri, Golaghat
30. Indanu Saikia, village, Sonowal Gaon, Kathalguri, Golaghat
31. Mr. Chikan Thengal, village-Thengal gaon, Kathalguri, Golaghat
32. Mr. Gobin Borah, village- Thengal gaon, Kathalguri, Golaghat
33. Mr. Biraj Borah, village-Thengal gaon, Kathalguri, Golaghat
34. Mr. Horen Gogoi, village- Kachupather Gaon, Kathalguri, Golaghat
35. Mr. Ajay Borah, village-Dolakharia gaon, Kathalguri, Golaghat

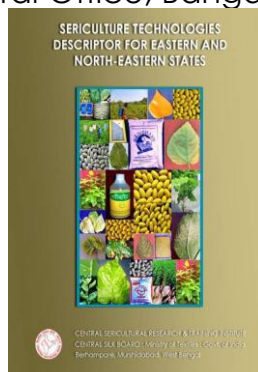
36. Mr. Punaram Bora, village- Dolakharia gaon, Kathalguri, Golaghat
37. Mr. Chandra Borah, village-Dolakharia gaon, Kathalguri, Golaghat
38. Mr. Pranjal Saikia, village- Dolakharia gaon, Kathalguri, Golaghat
39. Mr. Girish Boruah, village- Padumoni Senchowa, Kathalguri, Golaghat
40. Mrs. Anupama Boruah, village-Padumoni Senchowa, Kathalguri, Golaghat
41. Mrs. Mina Chetia, village- Padumoni Senchowa, Kathalguri, Golaghat
42. Sri Phuleswari Gogoi, village- Padumoni Senchowa, Kathalguri, Golaghat
43. Mrs. Jetuki Gogoi, village- Padumoni Senchowa, Kathalguri, Golaghat

## ANNEXURE–XVI

### 3. IT Initiatives

#### 3.4. Development of data base and technology under IT initiatives

**Success indicator-vi. Preparation of Technology descriptor adoption document:** Sent to Central Office, Bangalore on 30.04.2016



## ANNEXURE–XVII

### 3. IT Initiatives

#### 3.5. Implementation of DBT

**Success indicator-i. % of implementation of Direct Benefit Transfer(DBT): 34%**

## ANNEXURE–XVIII

### 3. IT Initiatives

#### 3.5. Implementation of DBT

**Success indicator-ii. No of farmers covered under DBT:**

**Achieved upto 4<sup>th</sup> qtr. 680 Nos. (1<sup>st</sup> Qtr. 234 Nos.+ 2<sup>nd</sup> Qtr. 301 Nos.+ 3<sup>rd</sup> Qtr. 83 Nos+ 4<sup>th</sup> Qtr. 62 Nos.)**

**During 1<sup>st</sup> Quarter: 234 Nos.**

Chawki Rearing: 8 Nos., Late Age Rearing: 20 Nos., Integrated Disease & Pest Management: 16 Nos.,  
Chawki Rearing Centres : 24 Nos., cocoon growers : 6 Nos. and Training imparted to farmers of North  
Eastern states -60 Nos.

#	NAME	Gender	Category	#	NAME	Gender	Category
<b>Chawki Rearing Training Programme w.e.f. 02.06.16 – 11.06.16 (8 Nos.)</b>							
1.	Anisur Rahman	Male	OBC	5.	Karamulla	Male	GEN
2.	Alimuddin Sk	Male	OBC	6.	Sirajuddin Sk	Male	OBC
3.	Nirmal Mondal	Male	SC	7.	Pradyut Mondal	Male	SC
4.	Rejaul Sk	Male	GEN	8.	Humayun Kabir	Male	OBC
<b>Late Age Rearing Training Programme w.e.f. 13.06.16 – 22.06.16 (20 Nos)</b>							
9.	Tanjima Khatun	Female	GEN	19	Jhantu Mondal	Male	GEN
10.	Jemima Akhtari	Female	OBC	20	Joy Mondal	Male	GEN
11.	Asit Mondal	Male	GEN	21	Krishna Das Bairagya	Male	GEN
12.	Kashmira Khatun	Female	GEN	22	Pinki Bhowmick	Female	GEN
13.	Manojit Mondal	Male	SC	23	Mallika Mondal	Female	SC
14.	Biman Kr Mondal	Male	SC	24	Rakhi Biswas	Female	SC
15.	Suman Mondal	Male	SC	25	Bachhu Sk	Male	GEN
16.	Alamgir Sk	Male	OBC	26	Tajirul Islam	Male	OBC
17.	Khairatulla Sk	Male	GEN	27	Babu Sona Roy	Male	SC
18.	Asrafal Sk	Male	GEN	28	Pranab Mondal	Male	SC
<b>Integrated Disease &amp; Pest Management Trg. Prog. W.e.f. 14.06.16 – 18.06.16 (16 Nos.)</b>							
29	Kased Ali	Male	OBC	37	Ramkrishna Mondal	Male	SC
30	Md. Mohiuddin	Male	GEN	38	Basudev Marjit	Male	SC
31	Nasima Khatun	Female	GEN	39	Aurangajeb Sk	Male	GEN
32	Md. Sahidur Rahman	Male	OBC	40	Rahul Sk	Male	GEN
33	Srikar Mondal	Male	SC	41	Sohail Mondal	Male	GEN
34	Brajendra Nath Mondal	Male	SC	42	Atikur Biswas	Male	GEN
35	Gourhari Mondal	Male	SC	43	Mursalim Sk	Male	OBC
36	Srihari Mondal	Male	SC	44	Tousik Sk	Male	GEN
<b>Chawki Rearing : 24 Nos</b>							
<b>Bivoltine cocoon growers: 6 Nos.</b>							

**Training imparted to the farmers of North- Eastern states during the 1<sup>st</sup> Qtr.: 60 Nos.**

#	Name	Address	Sex	Caste	#	Name	Address	Sex	Caste
1	Sri Tileswar Doley	Kalbari , Jorhat	Male	ST	31	Sri Atul Doley	Bhakatchopori, Golaghat	Male	ST
2	Mrs. Sewali Haloi Das	Burhadoi , Mongaldoi	Female	SC	32	Mrs. Anju Nath	Burhadoi , Mongaldoi	-Do-	OBC
3	Mrs. Tarulata Nath	Haldha , Mongaldoi	-Do-	OBC	33	Mrs. Manima Saharia	Balipota , Mongaldoi	-Do-	OBC
4	Mrs. Saraswati deka	Besimari , Mongaldoi	-Do-	OBC	34	Mrs. S.i Baruah	Ramraipara , Mongaldoi	-Do-	OBC
5	Sri Kailash Ch. Chamuah	Jayantipur , Mongaldoi	Male	OBC	35	Sri Mitharam Nath	Maizali , Mongaldoi	Male	OBC
6	Sri Jitendra Pathori	Khokanguri , Jorhat	Male	ST	36	Sri Nripen Rajbongshi	Jayantipur , Mongaldoi	Male	OBC
7	Sri Brajen Nath	Henglapara , Mongaldoi	Male	OBC	37	Mrs. Mani Mili	Nagging Gaon , Jorhat	Female	ST
8	Sri Dijen Patir	Natunchopori , Golaghat	Male	ST	38	Mrs. Sabita Doley	Baphala , Jorhat	Female	ST
9	Mrs. Jinti Gogoi	Jamugurai , Jorhat	Female	OBC	39	Mrs. D. Nath	Punia , Mongaldoi	Female	Gen.
10	Sri T. Borah	Dahara , Golaghat	Male	Gen.	40	Mrs.	Dhekipara , Mongaldoi	Female	OBC

						N.Nath			
11	Mrs. Kamaleswari Nath	Salpam , Mongaldoi	Female	OBC	41	Mrs. Nijara Gogoi	Jamuguri , Jorhat	Female	OBC
12	Mrs. Junu Chetia	Hensua , Golaghat	Female	OBC	42	Ms.Ranjani Baruah	Hensua , Golaghat	Female	OBC
13	Mrs. Golapi Nath	Maijuli , Mongaldoi	Female	OBC	43	Mrs. M. Chutia	Bandorchulia , Titabar	Female	OBC
14	Ms Tileswari Nath	Maijuli , Mongaldoi	Female	OBC	44	Mrs. A.Chutia	Bandorchulia , Titabar	Female	OBC
15	Mrs. Putali Gogoi	Beigaon , Jorhat	Female	OBC	45	Mrs. Dipali Gogoi (Sima)	Uttar Hatichungi , Jorhat	Female	OBC
16	Mrs. Anjali Saikia	Ulutolia , Jorhat	Female	SC	46	Mrs. Rupali gogoi	Uttar Hatichungi , Jorhat	Female	OBC
17	Mrs. Binju Gogoi	Ulutolia , Jorhat	Female	OBC	47	Mrs. Minu Koch(Deka)	Balisiha , Udalguri	Female	OBC
18	Miss R.Gogoi	Uttar Hatichungi , Jorhat	Female	OBC	48	Mrs. Ilamani Daimari	Hajjuli , Udalguri	Female	ST
19	Mrs. Dipali Koch (Deka)	Balisiha, Udalguri	Female	OBC	49	Mrs. Fulina Daimari	Hajjuli , Udalguri	Female	ST
20	Mrs. Juskena Daimari	Hajjuli,Udalguri	Female	ST	50	Mrs. B. Gogoi	Jamuguri , Jorhat	Female	OBC
21	Mrs. Rinu Baruah	Jamuguri , Jorhat	Female	OBC	51	Mrs. Renu Gogoi	Jamuguri , Jorhat	Female	OBC
22	Mrs. Rina Gogoi	Uttar Hatichungi Jorhat	Female	OBC	52	Ms Rahila Gogoi	Jamuguri , Jorhat	Female	OBC
23	Mrs. Biju Moni Gogoi	Uttar Hatichungi Jorhat	Female	OBC	53	Mrs. D.Gogoi (Bharati )	Uttar Hatichungi Jorhat	Female	OBC
24	Mrs. Sabita Gogoi	Uttar Hatichungi Jorhat	Female	OBC	54	Miss M. Gogoi	Uttar Hatichungi Jorhat	Female	OBC
25	Miss Rina Gogoi	Uttar Hatichungi Jorhat	Female	OBC	55	Mrs. Shashi Rabha	2No . Batabari, Udalguri	Female	ST
26	Mrs. B.i Deuri	Karengchaponi,Jorhat	Female	ST	56	Sri L.Sarania	Kanthalbari , Udalguri	Male	ST
27	Sri Deben Deka	2No . Batabari, Udalguri	Male	OBC	57	Sri Sadei Deka	2No. Batabari , Udalguri	Male	OBC
28	Sri Arabinda Deka	2No. Batabari , Udalguri	Male	OBC	58	Sri Gargo Mochahary	Kacharison , Udalguri	Male	ST
29	Sri Bapukan Das	Sonapani , Udalguri	Male	OBC	59	Sri Jadab Gour	Sonapani , Udalguri	Male	OBC
30	Sri Debajit Saharia	Sonapani , Udalguri	Male	OBC	60	Sri Nabin Koch	Amguri , Udalguri	Male	OBC

### **REC, AIZWAL, MEGHALAYA:**

**Covered 60 sericulture farmers under DBT in three training programme:**

- Intensive Bivoltine Sericulture Development Project Training- 9<sup>th</sup> Batch: 20 Nos.**
- Intensive Bivoltine Sericulture Development Project Training- 10<sup>th</sup> Batch: 20 Nos.**
- Mahila Resham Karmi's Training Programme under IBSDP-20 Nos.**

### **REC, DIMAPUR, NAGALAND:**

- Skill upgradation Training Programme: 40 Nos.**

Central Silk Board Research Extension Centre		LIST OF 9 <sup>th</sup> BATCH IRSDP TRAINEE				
कृषि तथा मत्स्य अनुसंधान विभाग मध्य प्रदेश राज्य सरकार राजधानी, बिलासपुर मध्य प्रदेश - 491001 F.No. CRRER/AZ/IR-84/2018-2019/8007 दिनांक: 11.04.2018		Ministry of Fisheries, Government of India Chattarghat Industrial Estate, Bilaspur District Pin Number 768012 Phone : 066-248444 Date: 11.04.2018				
No.	Name	Address	Account No.	Name Of Bank	IFSC No.	Amount (Rs.)
1	Smt. Khuanghangpui	Khawzawl	20256899493	State Bank of India	SBIN0013641	750.00
2	Smt. Laltanpui	Khawzawl	97001295254	Mizoram Rural Bank	SBINORRMIGB	750.00
3	Smt. Biakhnuni	Khawzawl	97004545928	Mizoram Rural Bank	SBINORRMIGB	750.00
4	Smt. Lalhratpui	Khawzawl	97004545939	Mizoram Rural Bank	SBINORRMIGB	750.00
5	Smt. Dinthangi	Khawzawl	20192276667	Mizoram Rural Bank	SBINORRMIGB	750.00
6	Smt. Lalhmuan	Khawzawl	97000336723	Mizoram Rural Bank	SBINORRMIGB	750.00
7	Smt. Lalpariani	Khawzawl	97003815148	Mizoram Rural Bank	SBINORRMIGB	750.00
8	Smt. Ramdinmawii	Khawzawl	97004300249	Mizoram Rural Bank	SBINORRMIGB	750.00
9	Smt. Lalbiakni	Khawzawl	10763576049	State Bank of India	SBIN0013641	750.00
10	Smt. Rnthangpui	Khawzawl	97004309435	Mizoram Rural Bank	SBINORRMIGB	750.00
11	Smt. Juliet Zohlangmahi	Khawzawl	97004958935	Mizoram Rural Bank	SBINORRMIGB	750.00
12	Smt. Lalshamiani	Khawzawl	970013175525	Mizoram Rural Bank	SBINORRMIGB	750.00
13	Smt. Zirlianthangi	Khawzawl	97003744243	Mizoram Rural Bank	SBINORRMIGB	750.00
14	Smt. VLV Daxwlinglani	Khawzawl	97004556629	Mizoram Rural Bank	SBINORRMIGB	750.00
15	Smt. Lalremngthpi	Khawzawl	32004826112	State Bank of India	SBIN0013641	750.00
16	Smt. Lallichanthuangi	Khawzawl	97004512722	Mizoram Rural Bank	SBINORRMIGB	750.00
17	Smt. Zunonpri	Khawzawl	97001618815	Mizoram Rural Bank	SBINORRMIGB	750.00
18	Smt. Lahmingmawii	Khawzawl	97004965942	Mizoram Rural Bank	SBINORRMIGB	750.00
19	Smt. Lalthanpri	Khawzawl	20208191874	State Bank of India	SBIN0013641	750.00
20	Smt. Sangdinglani	Khawzawl	97004273928	Mizoram Rural Bank	SBINORRMIGB	750.00
TOTAL						15,000.00


With reference to the subject cited above please find enclosed herewith your cash cheque for Rs. 750.00 dated 11.04.2018 amounting to Rs. 15,000.00 (fifteen thousand rupees) only to be sent by post to the office No. 12201Middie and enclosing the 750.00 of each hundred fifty rupee each to the training A/C of the 20 (twenty) trainee ladies who attend on 9th Batch Training on Mizoram Research Development Project Training at Khawzawl during 1st till 30th April 2018 under Lot of 20 Trainee's Name, Account No., Name of Bank, IFSC Code No. and Amount are also enclosed herewith.

This is towards payment of their wage compensation for 5 days @ Rs. 150/- per day.

Yours faithfully,

(Signature)  
For Director, S.O. 12201Middie  
Under the name of Training A/C

Copy to :- The Director, D. R.R.S., Bilaspur for his kind information.

<b>केन्द्रीय रेशम बोर्ड</b> <b>अनुसंधान विस्तार केंद्र</b> बंगल कनारा, नारायण पिकेट काशीपुर, जिला- 731012 तेल. 0382-442424		<b>Central Silk Board</b> <b>Research Extension Centre</b> <small>Ministry of Textiles, Government of India</small> <small>Chandigarh, Punjab-160001</small> <small>Reg. Number-TN87C</small> <small>Phone: 0382-442424</small>
<b>LIST OF 10<sup>th</sup> BATCH IBSDP TRAINEE</b>		
# No. CSB/RE(AZL)-8/44-25/2016/IBSDP	<i>Re &amp; S.</i>	Date: 11/04/2016
भेजने के लिए मंडल प्रमुख, राष्ट्रीय रेशम बोर्ड, अखिल भारतीय शिल्पकला विज्ञान संस्थान, कोलकाता-73।	टो  The Branch Manager, Central Bank Of India, Azad Branch, Azad Mizoram.	
Subject: Forwardal of yourself cheque for crediting the amount to saving A/C from the office A/C - Regarding.		
With reference to the subject cited above please find enclosed herewith yourself cheque Cheque No. 003219 dated 11/04/2016 amounting to Rs. 15,000/- (Rupees fifteen thousand) only for debiting from the office A/C No. 1725706884 and crediting Rs. 750/- (Rupees seven hundred fiftyonly) each to the saving A/C of the 20 (twenty) sericulture farmers who attend "10th Batch Training on Interactive Bio-tissue Sericulture Development Project Training at Khawzawl during 16.02.2016 to 20.02.2016. List of 20 Trainee's Name, Account No., Name of Bank, IFSC Code No. and Amount are also enclosed herewith.		
This is towards payment of their wage compensation for 5 days @ Rs. 150/- per day.		
ध्यान दें:- शेषी राशि आगे	सही होना सुनिश्चित करें	
Copy To :- The Scientist – D, R.S.R.S., Jorhat for his kind information.		

Sr. No.	Name	Address	Account No.	Name Of Bank	IFSC No.	Amount (Rs.)
1	Penglianmawi	Khawzawl	11457067002	State Bank of India	SBIN0013641	750/-
2	Vanlalsamwankimi	Khawzawl	20256901811	State Bank of India	SBIN0013641	750/-
3	Thanehi	Khawzawl	97004328947	Mizoram Rural Bank	SBINORMMIGB	750/-
4	Lalmawmi	Khawzawl	97003728550	Mizoram Rural Bank	SBINORMMIGB	750/-
5	Mazikpuvi	Khawzawl	25016004093	Mizoram Rural Bank	SBINORMMIGB	750/-
6	HBlainunpi	Khawzawl	25016032633	Mizoram Rural Bank	SBINORMMIGB	750/-
7	Chuathangngui	Khawzawl	97003686056	Mizoram Rural Bank	SBINORMMIGB	750/-
8	Vanlachhuangi	Khawzawl	97004499866	Mizoram Rural Bank	SBINORMMIGB	750/-
9	Lahramhai	Khawzawl	97004499991	Mizoram Rural Bank	SBINORMMIGB	750/-
10	P.L Lalrothangi	Khawzawl	20087190046	State Bank of India	SBIN0013641	750/-
11	P.C Lalromawi	Khawzawl	20256989812	State Bank of India	SBIN0013641	750/-
12	Vanlalawmawii	Khawzawl	20208190712	State Bank of India	SBIN0013641	750/-
13	Ramsiani	Khawzawl	35301348185	State Bank of India	SBIN0013641	750/-
14	Lahreithari	Khawzawl	25016037857	Mizoram Rural Bank	SBINORMMIGB	750/-
15	Lahemruati	Khawzawl	97003476556	Mizoram Rural Bank	SBINORMMIGB	750/-
16	J.Thangpuvi	Khawzawl	25016052220	Mizoram Rural Bank	SBINORMMIGB	750/-
17	Bakthanluangi	Khawzawl	25016056869	Mizoram Rural Bank	SBINORMMIGB	750/-
18	Lalsakupai	Khawzawl	97003338700	State Bank of India	SBIN0013641	750/-
19	P.Lalindiki	Khawzawl	97004328914	Mizoram Rural Bank	SBINORMMIGB	750/-
20	Lalhengkimi	Khawzawl	25016068854	Mizoram Rural Bank	SBINORMMIGB	750/-
<b>TOTAL</b>						<b>15,000/-</b>

सचिव, कोलकाता  
 सचिव, कोलकाता  
 सचिव, कोलकाता

**केन्द्रीय रेशम बोर्ड**  
अनुसंधान विभाग  
राज्य कार्यालय, नया रायपुर  
कारागार, अहमदनगर जिला  
कोट पोस्ट - 431002  
दूरभाष - 288-28292

नं. CSB/REG/ACU-III-44-2015-2016(BSDP) 22.02.2016

**Central Silk Board**  
**Research Extension Centre**  
Ministry of Textiles, Government of India  
Chhatrapati Sambhaji Maharaj  
Textile Technology Park  
Pune - 411004

**LIST OF 20 TRAINEES OF MAHLA RESHAM KARMI UNDER IBSDP AT KHAZWAWL, W.F. 16.02.2016 TO 20.02.2016.**

सेवा क्र.

शेखर रावकर

हेमंत रमेश गोरडे

अजयसोहन शर्मा, अजयसोहन शिंदेकर

मोहरीन डेव

To

The Branch Manager,  
Central Bank Of India,  
Aizawl Branch, Aizawl  
Mizoram

Sl. No.	Name	Address	Account No.	Name Of Bank	IFSC No.	Amount (Rs.)
1	Councilchangi	Khawhai	25015004639	Mizoram Rural Bank	SBINORRMIGB	750.00
2	R.Lalthlengliani	Khawzawl	2501603208-7	Mizoram Rural Bank	SBINORRMIGB	750.00
3	TBC Hmangaihzuali	Khawzawl	97004030780	Mizoram Rural Bank	SBINORRMIGB	750.00
4	Rengdingpuai	Khawzawl	20256900997	State Bank of India	SBIN0013641	750.00
5	Biakthuumi	Khawzawl	25016010937	Mizoram Rural Bank	SBINORRMIGB	750.00
6	Lalramengi Colney	Khawzawl	97003711364	Mizoram Rural Bank	SBINORRMIGB	750.00
7	Murkali	Khawzawl	99265164951	State Bank of India	SBIN0013641	750.00
8	Thangthuami	Ngopa	97003771141	Mizoram Rural Bank	SBINORRMIGB	750.00
9	Rothuampui	Ngopa	97004517934	Mizoram Rural Bank	SBINORRMIGB	750.00
10	Lanlahruai	Ngopa	97003259575	Mizoram Rural Bank	SBINORRMIGB	750.00
11	Lalmuanpui	Ngopa	97000446851	Mizoram Rural Bank	SBINORRMIGB	750.00
12	C. Raldanthangi	Ngopa	97002508206	Mizoram Rural Bank	SBINORRMIGB	750.00
13	Vanlalthuani	Ngopa	97005010093	Mizoram Rural Bank	SBINORRMIGB	750.00
14	Lianhmingthangi	Lungtan	97004513333	Mizoram Rural Bank	SBINORRMIGB	750.00
15	Vanlalzawmi	Blate	32391941669	State Bank of India	SBIN0014791	750.00
16	Chawngpuri	Sialhawk	25030005009	Mizoram Rural Bank	SBINORRMIGB	750.00
17	Chawngdingpui	Sialhawk	250300010531	Mizoram Rural Bank	SBINORRMIGB	750.00
18	Remlalliani	Khangleng	31654005630	State Bank of India	SBIN0005823	750.00
19	Zaithangpui	Lianpui	97002621084	Mizoram Rural Bank	SBINORRMIGB	750.00
20	C.Lalsangzuali	Dungtlang	97003218437	Mizoram Rural Bank	SBINORRMIGB	750.00
<b>TOTAL</b>						<b>15,000.00</b>

Sub : Forwardal of yourself cheque for crediting the amount to saving A/C from the office A/C - Regarding.

With reference to the subject cited above please find enclosed herewith your cheque Cheque No. 003220 dated 11.04.2016 amounting to Rs. 15,000.00 (Rupees fifteen thousand) only for debiting from the office A/C No. 1725706884 and crediting Rs. 750.00 (Rupees seven hundred and fifty) only to the saving A/C of the 20 (twenty) sericulture farmers who attend Mahila Resham Karmi's Training Programme under intensive Bivoline Sericulture Development Project at Khawzawl, Venghar during 16.02.2016 to 20.02.2016. List of 20 Trainee's Name, Account No., Name of Bank, IFSC Code No. and Amount are also enclosed herewith.

This is towards payment of their wage compensation for 5 days @ Rs. 150/- per day.

यस्येन एन्क. चिपूरीतं आहे.

Copy to -

The Scientist - D, R.S.R.S., Jorhat for his kind information.

सर्वोदय याचूतुल्य

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संशोधक (Scientist-D)

*(Signature)*

संशोधक (Scientist-D)

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**01. Wage Payment by DBTL during IDPM from 27/06 – 01/07/2016**

#	Name of the farmer under IDPM	Address	Gender	Category
1	Shri Manoranjan Mondal	Birbhum	Male	SC
2	Shri Utpal Mandal	Birbhum	Male	SC
3	Md. Salauddin	Malda	Male	Gen
4	Shri Abhiram Sarkar	Malda	Male	SC
5	Shri Paban Mondal	Malda	Male	SC
6	Shri Ajay Kumar Mondal	Malda	Male	SC
7	Shri Partha Das	MSD	Male	SC
8	Dilbor Hossain	MSD	Male	GEN
9	Shri Probir Bhattacharya	Nadia	Male	Gen
10	Shri Asit Biswas	Nadia	Male	Gen
11	Shri Swapan Mondal	Nadia	Male	Gen
12	Smt. Monimala Mondal	Birbhum	Female	SC
13	Smt. Pramila Mandal,	Birbhum	Female	SC
14	Smt. Sulekha Mondal	Birbhum	Female	SC
15	Smt. Susmita Mondal	Birbhum	Female	SC
16	Smt. Aparna Mondal	Birbhum	Female	SC
17	Rafikul Islam	Nadia	Male	OBC
18	Billal Hossain Biswas	Nadia	Male	Gen
19	Shri Biman Kumar Mandal	Birbhum	Male	SC
20	Shri Chittaranjan Mondal	Birbhum	Male	SC
21	Shri Balaram Mondal	Birbhum	Male	SC
22	Shri Shukru Mandal	Malda	Male	SC
23	Shariful Biswas	Nadia	Male	Gen
24	Shri Laibahadur Mandal	MSD	Male	SC
25	Shri Puspen Mondal	MSD	Male	SC

#	Name of the farmers	Address	Gender	Category
1.	Shri Rahul Kr. Singh	K'ganj	Male	SC
2.	Shri Santosh Kr. Singh	K'ganj	Male	SC
3.	Shri Harinarayan Sah	K'ganj	Male	SC
4.	Smt. Purnima Singh	K'gainj	Female	SC
5.	Smt. Radha Devi	K''ganj	Female	SC
6.	Shri Bharat Kr. Singh	K'ganj	Male	SC
7.	Shri Kajal Singh	K'ganj	Male	SC
8.	Shri Manoj Kr. Singh	K'qanj	Male	SC



9.	Mahidul Islam Mollah	Nadia	Male	GEN
10.	Amanul Haque Mondal	Nadia	Male	GEN
11.	Sahal Biswas	Nadia	Male	GEN
12.	Bablu Mondal	Nadia	Male	GEN
13.	Jakkar Ali	MSD	Male	GEN
14.	Kusum Ali	MSD	Male	GEN
15.	Ganirul Sk.	MSD	Male	GEN
16.	Aalamin Sk	MSD	Male	OBC
17.	Jamia Khatun	Malda	Female	Gen
18.	Mamani Parvin	Malda	Female	Gen
19.	Riyajun Nesha	Malda	Female	Gen
20.	Rohima Khatun	Malda	Female	Gen

### 03. Wage Payment by DBTL during IDPM from 25/07 – 29/07/2016

#	Name of the farmer under IDPM	Address	Gender	Category
1	Shri Shyamal Ranjan Barman	Coochbehar	Male	SC
2	Shri Hari Shankar Barman	Coochbehar	Male	SC
3	Shri Mantu Barman	Coochbehar	Male	SC
4	Shri Subhash Chandra Barman	Coochbehar	Male	SC
5	Shri Dharmadas Malik	Burdwan	Male	SC
6	Raju Rana	Burdwan	Male	SC
7	Sk. Saheb	Burdwan	Male	OBC
8	Shri Krishna Karmakar	Darjeeling	Male	GEN
9	Shri Abhinath Oraon	Darjeeling	Male	ST
10	Shri Bandhu Ekka	Darjeeling	Male	ST
11	Shri Sumiram Munda	Darjeeling	Male	ST
12	Saleman Ali	Uttardinaipur	Male	Gen
13	Mohammad Taher	Uttardinaipur	Male	Gen
14	Ekbali Hossein	Uttardinaipur	Male	Gen
15	Shri Uttam Das	Dakshindinaipur	Male	Gen
16	Shri Dhiraj Sarkar	Dakshindinaipur	Male	SC
17	Shri Chhana Sarkar	Dakshindinaipur	Male	SC
18	Shri Prasenjit Basuli	Bankura	Male	Gen
19	Saibur Rahaman Kotal	Bankura	Male	OBC
20	Altaf Hossain Khan	Bankura	Male	Gen

### Wage Payment by DBTL during IDPM from 01/08 – 10/08/2016

#	Name of the farmer	Address	Gender	Category
1	Maruf Islam	Malda	Male	Gen
2	Guljar Alam	Malda	Male	Gen
3	Amjad Ali	Malda	Male	Gen
4	Akimul Islam	Malda	Male	Gen
5	Rintu Ali	Malda	Male	Gen
6	Nur Alam Sk	Birbhum	Male	OBC
7	Shri Pranbandhu Mondal	Birbhum	Male	SC
8	Shri Sanjib Panja	Midnipur (West)	Male	Gen
9	Shri Sunil Das	Midnipur (West)	Male	Gen
10	Safikul Mandal	Nadia	Male	Gen
11	Nur Habibur Rahaman	Nadia	Male	Gen
12	Sahajahan Sk	Nadia	Male	OBC
13	Nur Mohammad Ali	Murshidabad	Male	Gen
14	Md. Rabbakul Islam	Murshidabad	Male	OBC



15	Zasimaddin Ali Sekh	Murshidabad	Male	Gen
16	Muluk Sk.	Murshidabad	Male	OBC
17	Shri Biren Kumar Roy	Birbhum	Male	SC
18	Shri Paresh Mondal	Birbhum	Male	SC

**05. Wage Payment by DBTL during IDPM from 16/08 – 20/08/2016**

#	Name of the farmer	Address	Gender	Category
1	Sri Kanu Mandal	Midnipur (West)	Male	SC
2	Sri Atish Kumar Auddya	Midnipur (West)	Male	Gen
3	Sri Subhash Ghosh	Midnipur (West)	Male	Gen
4	Sri Tarapada Dey	Midnipur (West)	Male	Gen
5	Ramjan Mondal,	Nadia	Male	Gen
6	Nazrul Islam Mondal	Nadia	Male	Gen
7	Riyajuddin Molla	Nadia	Male	OBC
8	Abdulla Al Mamum	Birbhum	Male	Gen
9	Sri Bivas Mondal	Birbhum	Male	Gen
10	Belal Hossain	Birbhum	Male	Gen
11	Md. Abu Tayab Hossain	Murshidabad	Male	Gen
12	Md. Saidul Islam	Murshidabad	Male	OBC
13	Sri Ramkrishna Modak	Jalpaiguri	Male	OBC
14	Sri Biplab Modak	Jalpaiguri	Male	OBC
15	Sri Manoj Modak	Jalpaiguri	Male	OBC
16	Sri Kishor Kumar Mondal	Malda	Male	Gen
17	Sri Papai Mondal	Malda	Male	Gen
18	Sri Ganesh Mondal	Malda	Male	Gen

**06. Wage Payment by DBTL during Mulberry Cultivation from 05/09 – 09/09/2016**

#	Name of the farmer	Address	Gender	Category
1	Srikanta Mondal	Murshidabad	Male	SC
2	Surajit Mondal	Murshidabad	Male	SC
3	Masarul Mondal	Nadia	Male	OBC
4	Shaha Alam Mondal	Nadia	Male	OBC
5	Ajoy Kumar Mondal	Murshidabad	Male	SC
6	Premchand Mondal	Murshidabad	Male	SC
7	Injamamul Hoque	Nadia	Male	Gen
8	Rajabul Mondal	Nadia	Male	Gen
9	Monindra Nath Mondal	Malda	Male	SC
10	Md. Samim Ali	Malda	Male	Gen
11	Rakesh Mondal	Malda	Male	Gen
12	Md. Latful Hoque	Malda	Male	Gen
13	Smt. Tumpa Mondal	Malda	Female	Gen
14	Smt. Reba Mondal	Malda	Female	Gen
15	Ripon Sk.	Murshidabad	Male	OBC
16	Niharuddin Sk	Murshidabad	Male	OBC
17	Nur Islam Sekh	Nadia	Male	Gen
18	Nur Hossain Biswas	Nadia	Male	Gen
19	Sujit Bapari	Nadia	Male	SC
20	Gonesh Mondal	Murshidabad	Male	SC

REC, DIMAPUR, NAGALAND:

**i) Skill upgradation Training Programme: 180 Nos.**

**भारतीय विमान कर्मा Research Extension Centre**  
 10th Floor, 101, Central Axis, New Delhi  
 New Delhi, India  
 Ministry of Transport, Government of India  
 New Delhi, India  
 Phone: +91 11 2610 1010  
 Email: info@bharatiyaairline.com

**WAGE COMPENSATION FOR THE BSRP BENEFICIARIES UNDER SLL UPGRADE TRAINING PROGRAMME**  
 Month: 12/27/2019  
 Date: 12/27/2019

No.	Name of the Beneficiary	Wage	Basic Pay	PFSC Code	Total amount payable as per MFET
1	ABHINAV JAIN	750.00	750.00		750.00
2	ABHINAV JAIN	750.00	750.00		750.00
3	ABHINAV JAIN	750.00	750.00		750.00
4	ABHINAV JAIN	750.00	750.00		750.00
5	ABHINAV JAIN	750.00	750.00		750.00
6	ABHINAV JAIN	750.00	750.00		750.00
7	ABHINAV JAIN	750.00	750.00		750.00
8	ABHINAV JAIN	750.00	750.00		750.00
9	ABHINAV JAIN	750.00	750.00		750.00
10	ABHINAV JAIN	750.00	750.00		750.00
11	ABHINAV JAIN	750.00	750.00		750.00
12	ABHINAV JAIN	750.00	750.00		750.00
13	ABHINAV JAIN	750.00	750.00		750.00
14	ABHINAV JAIN	750.00	750.00		750.00
15	ABHINAV JAIN	750.00	750.00		750.00
16	ABHINAV JAIN	750.00	750.00		750.00
17	ABHINAV JAIN	750.00	750.00		750.00
18	ABHINAV JAIN	750.00	750.00		750.00
19	ABHINAV JAIN	750.00	750.00		750.00
20	ABHINAV JAIN	750.00	750.00		750.00
21	ABHINAV JAIN	750.00	750.00		750.00
22	ABHINAV JAIN	750.00	750.00		750.00
23	ABHINAV JAIN	750.00	750.00		750.00
24	ABHINAV JAIN	750.00	750.00		750.00
25	ABHINAV JAIN	750.00	750.00		750.00
26	ABHINAV JAIN	750.00	750.00		750.00
27	ABHINAV JAIN	750.00	750.00		750.00
28	ABHINAV JAIN	750.00	750.00		750.00
29	ABHINAV JAIN	750.00	750.00		750.00
30	ABHINAV JAIN	750.00	750.00		750.00
31	ABHINAV JAIN	750.00	750.00		750.00
32	ABHINAV JAIN	750.00	750.00		750.00
33	ABHINAV JAIN	750.00	750.00		750.00
34	ABHINAV JAIN	750.00	750.00		750.00
35	ABHINAV JAIN	750.00	750.00		750.00
36	ABHINAV JAIN	750.00	750.00		750.00
37	ABHINAV JAIN	750.00	750.00		750.00
38	ABHINAV JAIN	750.00	750.00		750.00
39	ABHINAV JAIN	750.00	750.00		750.00
40	ABHINAV JAIN	750.00	750.00		750.00
41	ABHINAV JAIN	750.00	750.00		750.00
42	ABHINAV JAIN	750.00	750.00		750.00
43	ABHINAV JAIN	750.00	750.00		750.00
44	ABHINAV JAIN	750.00	750.00		750.00
45	ABHINAV JAIN	750.00	750.00		750.00
46	ABHINAV JAIN	750.00	750.00		750.00
47	ABHINAV JAIN	750.00	750.00		750.00
48	ABHINAV JAIN	750.00	750.00		750.00
49	ABHINAV JAIN	750.00	750.00		750.00
50	ABHINAV JAIN	750.00	750.00		750.00
51	ABHINAV JAIN	750.00	750.00		750.00
52	ABHINAV JAIN	750.00	750.00		750.00
53	ABHINAV JAIN	750.00	750.00		750.00
54	ABHINAV JAIN	750.00	750.00		750.00
55	ABHINAV JAIN	750.00	750.00		750.00
56	ABHINAV JAIN	750.00	750.00		750.00
57	ABHINAV JAIN	750.00	750.00		750.00
58	ABHINAV JAIN	750.00	750.00		750.00
59	ABHINAV JAIN	750.00	750.00		750.00
60	ABHINAV JAIN	750.00	750.00		750.00
61	ABHINAV JAIN	750.00	750.00		750.00
62	ABHINAV JAIN	750.00	750.00		750.00
63	ABHINAV JAIN	750.00	750.00		750.00

### During 3<sup>rd</sup> Qtr.: 83 Nos. (16 +31+18+18 nos.)

#### 1. List of the beneficiaries on Late Age Rearing under CBT-R&D Sub-component FST from 15<sup>th</sup> – 24<sup>th</sup> Sept., 2016 :

#	Name of the beneficiaries	Bank Name	Branch Name	A/c. No.	IFSC No.	Amount
1.	Abu Sufian	Bangiya Gramin Vikas Bank	MIRZAPUR	5366010000199	UTBI0RRBBGB	1,500=00
2.	Smt. Jyotsna Samanta	United Bank of India	BELDANGA	0230010546485	UTBI0BLD260	1,500=00
3.	Smt. Susama Konai,	United Bank of India	BELDANGA	0230010334324	UTBI0BLD260	1,500=00
4.	Sri Sukumar Dey	United Bank of India	BELDANGA	0230010188029	UTBI0BLD260	1,500=00
5.	Smt. Shefali Konai	United Bank of India	BELDANGA	0230010192941	UTBI0BLD260	1,500=00
6.	Smt. Basanti Mondal	Bangiya Gramin Vikas Bank	SARGACHI	5499020507752	UTBI0RRBBGB	1,500=00
7.	Shri Helunath Mondal	Bangiya Gramin Vikas Bank	SARGACHI	5499010000257	UTBI0RRBBGB	1,500=00
8.	Shri Sanat Mandal	UCO BANK	SAGARPARA	14950100031802	UCBA0001495	1,500=00
9.	Shri Dhiren Mondal	State Bank of India	SAGARPARA	33078185996	SBIN0012353	1,500=00
10.	Shri Sunil Mondal	UCO Bank	SAGARPARA	14950110018446	UCBA0001495	1,500=00
11.	Sufia Bibi	Bank of Baroda	LOCHANPUR	15720100010388	BARBOLOCHAN	1,500=00
12.	Naju Bibi	Bank of Baroda	LOCHANPUR	15728100012403	BARBOLOCHAN	1,500=00
13.	Jelekha Bibi	Bank of Baroda	LOCHANPUR	15728100011337	BARBOLOCHAN	1,500=00
14.	Rasena Bibi	State Bank of India	SISAPARA	33359068310	SBIN002055	1,500=00
15.	Mahafuja Bibi	Bank of Baroda	LOCHANPUR	15728100011513	BARBOLOCHAN	1,500=00
16.	Sanera Bibi	Bank of Baroda	LOCHANPUR	15720100003601	BARBOLOCHAN	1,500=00
<b>Gross Total :</b>						<b>24,000=00</b>

#### 2. List of the beneficiaries on Late Age Rearing under CBT-R&D Sub-component FST from 15<sup>th</sup> – 24<sup>th</sup> Sept., 2016 :

#	Name of the beneficiaries	Bank Name	Branch Name	A/c. No.	IFSC No.	Amount
1.	Samir Rana	Allahabad Bank	BORSUL - 1771	59038846941	ALLA0211771	1,500=00
2.	Mani Mohan Mallick	Allahabad Bank	BORSUL - 1771	22139828558	ALLA0211771	1,500=00
3.	Saukat Ali,	Allahabad Bank	PANCHGRAM	59093547741	ALLA0212318	1,500=00
4.	Tomizuddin Sk.	Allahabad Bank	PANCHGRAM	50114657738	ALLA0212318	1,500=00
5.	Kuddus Sk.	Allahabad Bank	SAHEBNAGAR	59094959866	ALLA0212319	1,500=00
6.	Sader Ali Bayen	UBI	MORAR	1800010001717	UTBI0MRRW50	1,500=00
7.	Kutubuddin Khan	UBI	MORAR	1800010003964	UTBI0MRRW50	1,500=00
8.	Samsuddin Khan	Canara Bank	KHARKATA	1689101004148	CNRB0001689	1,500=00
9.	Samed Ali Mallick	SBI	MAGURA	34815255941	SBIN0015046	1,500=00
10.	Bimal Ch. Barman	SBI	HANSQUEA	11884945693	SBIN0009040	1,500=00
11.	Ruben Beck	SBI	HANSQUEA	35936745384	SBIN0009040	1,500=00
12.	Tahir Ali	SBI	KORGRAM	34882427774	SBIN0002091	1,500=00
13.	Uzir Sk.	SBI	NAGAR	33401869006	SBIN0002092	1,500=00
14.	Imam Hossain	SBI	NAGAR	32404926377	SBIN0002092	1,500=00
15.	Hitendra Barman	SBI	TUFANGANJ	32057947232	SBIN0011382	1,500=00
16.	Kamal Sk.	SBI	JOYPUR	35919620047	SBIN0008519	1,500=00
17.	Nur Mohammad Sk.	SBI	PANCHGRAM	20358207545	SBIN0002091	1,500=00
18.	Pumima Mondal	SBI	JOYPUR	32180828280	SBIN0008519	1,500=00
19.	Mantosh Debshama	SBI	KALIYANGANJ	35871530628	SBIN002074	1,500=00
20.	Phanindra Nath Sarkar	SBI	SHURASA	35688541914	SBIN0002074	1,500=00
21.	Parita Kujur	Indian Bank	SILIGURI	6111917881	IDIB000S024	1,500=00
22.	Md. Nekdar Sk	Bank of India	SHERPOUR	41101010010032	BKID004110	1,500=00
23.	Ansar Ali Mondal	United Bank of India	GANGARAMPUR	0236010503990	UTBI0GRP924	1,500=00
24.	Giyasuddin Sk.	BGVV	SARBANAGAR	5496014002612	UTBI0RRBBGB	1,500=00
25.	Sadekul Islam	BGVV	PANCHGRAM	5409010003799	UTBI0RRBBGB	1,500=00
26.	Prakash Barman	Uttar Banga Kshetriya G.Bank	TALLIGURI	40013910311588	CBIN0R40012	1,500=00
27.	Dhirendra Nath Roy	The Dakshin Dinajpur Central Co-op. Bank Ltd.	GANGARAMPUR	112000605996	WBSCODDCB01 WBSCODDCB05	1,500=00
28.	Kokatu Sarkar	Central Bank of India	KALIYANGANJ	1938904301	CBIN0283514	1,500=00
29.	Ananta Chandra Das	Central Bank of India	CHANDAMARI	3110558742	CBIN0283056	1,500=00
30.	Jitendra Nath Das	Central Bank of India	CHANDAMARI	2355027661	CBIN0283056	1,500=00
31.	Suniti Singha	Central Bank of India	BATASHI	3215141299	CBIN0282648	1,500=00
<b>Gross Total :</b>						<b>46,500=00</b>

#### 3. List of the beneficiaries on Chawki Silkworm Rearing under CBT-R&D Sub-component FST from 21<sup>st</sup> – 30<sup>th</sup> Nov., 2016 :

#	Name of the beneficiaries	Bank Name	Branch Name	A/c. No.	IFSC No.	Amount
1.	Makar Gouda	SBI	KASHIPUR	32217878879	SBIN0002075	1,500=00
2.	Bibhisn Kumbhar	SBI	KASHIPUR	11666805587	SBIN0002075	1,500=00
3.	Surendra Gouda	SBI	KASHIPUR	11666842621	SBIN0002075	1,500=00
4.	Lakhidhar Jhodia	SBI	KASHIPUR	31949114908	SBIN0002075	1,500=00
5.	Jayadhan Gouda	SBI	KASHIPUR	11666795497	SBIN0002075	1,500=00

6.	Harish Chandra Gouda	SBI	KASHIPUR	33665880438	SBIN0002075	1,500=00
7.	Rabindra Gouda	SBI	KASHIPUR	30757463261	SBIN0002075	1,500=00
8.	Bhanja Kishore Nayak	SBI	SWAMPATNA	32956203905	SBIN0016127	1,500=00
9.	Amar Pradhan	SBI	G. UDAYAGIRI	32520578288	SBIN0006346	1,500=00
10.	Sunil Kumar Barik	SBI	G. UDAYAGIRI	20225848832	SBIN0006346	1,500=00
11.	Kuber Pradhan	SBI	TIKABALI	30783016823	SBIN0002131	1,500=00
12.	Padmacharan Patnaik	SBI	KHAJURIPADA	11740580021	SBIN0004514	1,500=00
13.	Biranchi Nayak	BANK OF INDIA	DHENKIKOTE	541010500011274	BKID0005410	1,500=00
14.	Kanhei Charan Dehury	BANK OF INDIA	BARABILA	542010110005937	BKID0005420	1,500=00
15.	Jagannath Mahanta	BANK OF INDIA	BARABILA	542010510001096	BKID0005420	1,500=00
16.	Dharanidhar Nayak	BANK OF INDIA	DHENKIKOTE	541010500015618	BKID0005410	1,500=00
17.	Saroj Kumar Behera	UNIONBANK OF INDIA	KORAPUT	707102010002042	UBIN0570711	1,500=00
18.	Soumyaranjan Pradhan	UTKAL G. BANK	G. UDAYAGIRI	84021204799	SBINORRUKGB	1,500=00
<b>Gross Total :</b>						<b>27,000=00</b>

**4. List of the beneficiaries on Mulberry Cultivation under CBT-R&D Sub-component FST from 5<sup>th</sup> – 9<sup>th</sup> Dec., 2016 :**

#	Name of the beneficiaries	Bank Name	Branch Name	A/c. No.	IFSC No.	Amount
1.	Md. Aniwur Rahman	State Bank of India	Uttar Lakshmipur	33340659653	SBIN0009975	750=00
2.	Md. Ainul Haque	State Bank of India	Uttar Lakshmipur	118932397855	SBIN0009975	750=00
3.	Tarikul Islam	State Bank of India	Kaliachak	33789405358	SBIN0008437	750=00
4.	Nur Alam	State Bank of India	Kaliachak	34034737770	SBIN0008437	750=00
5.	Sri Sudhanshu Mondal	State Bank of India	Bhadrapur	33778826823	SBIN0015448	750=00
6.	Shri Pranbandhu Mondal	State Bank of India	Nalhati	31842274134	SBIN0008540	750=00
7.	Shri Tanmay Mondal	State Bank of India	Bhadrapur	32878629839	SBIN0015448	750=00
8.	Shri Biplob Mondal	State Bank of India	Bhadrapur	32774250849	SBIN0015448	750=00
9.	Sri Swarup Mondal	State Bank of India	Bhadrapur	33008567342	SBIN0015448	750=00
10.	Naserul Nadab,	State Bank of India	Uttar Lakshmipur	35124421113	SBIN0009975	750=00
11.	Samad Sk	State Bank of India	Kaliachak	30717369415	SBIN0008437	750=00
12.	Manjur Hossain	State Bank of India	Uttar Lakshmipur	32836988220	SBIN0009975	750=00
13.	Md. Aijaddin Sekh	Allahabad Bank	Panchgram	59066028853	ALLA0211318	750=00
14.	Md. Khoda Box	Allahabad Bank	Panchgram	59057611597	ALLA0211318	750=00
15.	Abdul Tauhid Mondal	Allahabad Bank	Panchgram	50072525342	ALLA0211318	750=00
16.	Rabbekul Sk.	Allahabad Bank	Panchgram	50034701528	ALLA0211318	750=00
17.	Mumtajuddin Hossaien	Allahabad Bank	Panchgram	50171968100	ALLA0211318	750=00
18.	Md. Hajiruddin	United Bank of India	Mothabari	201101000987	UTBI0M0BY11	750=00
<b>Gross Total :</b>						<b>13,500=00</b>

**During 4<sup>th</sup> Qtr.: 62 Nos. (15 +47 nos.)**

**01. Name of the beneficiaries for training on Late Age Rearing under CBT-R&D Sub-component Farmers Skill Training from 6<sup>th</sup> – 15<sup>th</sup> Feb., 2017**

#	Name of the beneficiaries	Bank Name	A/c. No.	Amount
1.	Sudipta Mondal	SYNDICATE BANK	95722200065675	1,500=00
2.	Md. Sagiruddin	SYNDICATE BANK	95722250001626	1,500=00
3.	Khairulla Mondal	ALLAHABAD BANK	50158277776	1,500=00
4.	Md. Ejaj Ahmed	UNITED BANK OF INDIA	0972010212547	1,500=00
5.	Md. Masidur Rahman	UNITED BANK OF INDIA	0972010343954	1,500=00
6.	Md. Azharuddin Hoque	UNITED BANK OF INDIA	0972010209335	1,500=00
7.	Mosabbar Hossain	BANK OF BARODA	39928100005142	1,500=00
8.	Abhimanya Mondal	P.B.G.B	11580100003559	1,500=00
9.	Elias Shaikh	STATE BANK OF INDIA	33444002861	1,500=00
10.	Saptam Kumar Mondal	STATE BANK OF INDIA	33501387029	1,500=00
11.	Fitara Khatun Mondal	STATE BANK OF INDIA	34071431839	1,500=00
12.	Sabina Khatun	STATE BANK OF INDIA	33928580878	1,500=00
13.	Ishak Munda	STATE BANK OF INDIA	33079497711	1,350=00
14.	Ram Chhetri	SBI KIOSK	3949204085	1,350=00
15.	Aatish Chhetri	STATE BANK OF INDIA	33443352861	1,500=00
<b>Gross Total :</b>				<b>22,500=00</b>

**02. Name of the beneficiaries for exposure visited to this Institute from 1<sup>st</sup> – 3<sup>rd</sup> Mar., 2017**

#	Name of the beneficiaries	Bank Name	Bank A/c.	Amount
1.	Smt. Rosina Mynsong	Punjab Bank	2541000100059630	450=00
2.	Smt. Lehbha Rimai Syiem	SBI	20147970868	450=00
3.	Shri Borlangjun L. Nongrum	SBI	22145070868	450=00
4.	Shri Martha Thangkhiew	SBI	34088514706	450=00
5.	Smt. Jertrudis M. Umlong	SBI	11404094728	450=00
6.	Shri Beltinus Warjri	SBI	20147970868	450=00
7.	Smt. Tiewsilin Marwein	SBI	20275299441	450=00
8.	Smt. Tiewsilin Marwein	SBI	870012383130	450=00
9.	Shri Seibor Kharbteng	SBI	20147970868	450=00
10.	Shri Rishan Khongdup	SBI	20148790868	450=00
11.	Smt. Robina Lapang	SBI	20623817274	450=00
12.	Smt. Kristina Syngkli	SBI	20147970868	450=00
13.	Shri Romoising Majhong	SBI	23447895101	450=00
14.	Smt. Francisca Sujai	SBI	33955094455	450=00
15.	ShriArnold Sten	SBI	20147970868	450=00
16.	Smt. Aitidora Sakra	SBI	208914521620	450=00
17.	Shri Trueman Lamare	SBI	13542484001	450=00
18.	Shri Dlim Sten	SBI	20147970868	450=00
19.	Shri Livingstone Thangkhiew	SBI	20623817274	450=00
20.	Smt. MerindaShylla	SBI	20147970868	450=00
21.	Smt. Blondina Rympeit	SBI	20147970868	450=00
22.	Smt. Dorathy Mallai	SBI	20147970868	450=00
23.	Smt. Regina Rynshon	SBI	208914521620	450=00
24.	Sm,t. Goodby Marsing	SBI	20147970868	450=00
25.	Shri Jingan Ch. Marak	SBI	87004157962	450=00
26.	Shri Balkalin T. Sangma	SBI	33022430252	450=00
27.	Shri Heedman T. Sangma	SBI	20147970868	450=00
28.	Shri Rimchang Marak	SBI	20623817274	450=00
29.	Shri Renjing Sangma	SBI	20147970868	450=00
30.	Shri Validson Ch. Marak	SBI	20147970868	450=00
31.	Shri Withnal Sangma	SBI	20147970868	450=00
32.	Shri Pilipson Marak	SBI	208914521620	450=00
33.	Shri Alvrish Luce R. Marak	SBI	20147970868	450=00
34.	Shri Healthclean Ch. Marak	SBI	87004157962	450=00
35.	Shri Wisdring Marak	SBI	33022430252	450=00
36.	Shri Hirasing Ch. Marak	SBI	20147970868	450=00
37.	Smt. Parbatdevis K. Sangma	SBI	22380617274	450=00
38.	Shri Sankar Rabha	SBI	20147970868	450=00
39.	Smt. Sampa Rabha	SBI	20708681479	450=00
40.	Smt. Keteki Rabha	SBI	20147868970	450=00
41.	Smt. Gasami Rabha	SBI	245216200891	450=00
42.	Shri Plindar N. Areng	SBI	20148687970	450=00
43.	Shri Benith Marak	SBI	80415797062	450=00
44.	Shri Tinen Momin	SBI	33025202243	450=00
45.	Shri Harnesh Sangma	SBI	20197086478	450=00
46.	Shri Nitendra Rabha	SBI	20172746238	450=00
47.	Shri Pabitra Rabha	SBI	20708614798	450=00

## ANNEXURE–XIX

### 4. Field level Interventions for Quality and productivity Improvement through Information, Education and Communication and Capacity Building

#### 4.6. Interventions through main Institutes level

**Success indicator-i. Number of Seri-model Village identified : 18 Nos.**

**During 1st & 2<sup>nd</sup> Qtr.: 16 Nos.**

Sl. No.	Name of Centre	Name of village
1.	CSRTI, Berhampore	1. Balashpur, 2. Barbakpur
2.	RSRS, Kalimpong	1.Mahakaldara
3.	RSRS, Koraput	1.Dhenkikote
4.	RSRS, Jorhat	1. Chapori
5.	REC, M.P.Raj	1.Amritpur
6.	REC, Kamnagar	1.Saheb Nagar
7.	REC, Mothabari	1.Bangalgram
8.	REC (SU), Kalitha	1.Kanupur, 2.Nakatipara
9.	REC, Imphal	1.Yumnamkhunou
10.	REC, Aizawl	1. Saitual
11.	REC, Shillong	1.Ummulong
12.	REC,Mongaldoi	1.Halda, 2.Jayantipur
13.	REC, Agartala	1.Chikancharra
<b>Total=</b>		<b>16</b>

**During 3rd Qtr. : 18 Nos.**

Sl. No.	Name of Centre	Name of village
1.	CSRTI, Berhampore	1. Balashpur, 2. Deshalpur 3. Sayedpur
2.	RSRS, Kalimpong	1.Mahakaldara
3.	RSRS, Koraput	1.Dhenkikote
4.	RSRS, Jorhat	1. Chapori
5.	REC, M.P.Raj	1.Amritpur
6.	REC, Kamnagar	1.Saheb Nagar
7.	REC, Mothabari	1.Bangalgram
8.	REC (SU), Kalitha	1.Kanupur, 2.Toilpara
9.	REC, Imphal	1.Yumnamkhunou
10.	REC, Aizawl	1. Saitual
11.	REC, Shillong	1.Ummulong 2. Nahiajer
12.	REC,Mongaldoi	1.Halda 2.Rowmari
13.	REC, Agartala	1.Chikancharra
<b>Total=</b>		<b>18 Nos.</b>

**During 4<sup>th</sup> Qtr. : 19 Nos.**

Sl. No.	Name of Centre	Name of village
1.	CSRTI, Berhampore	1. Balashpur, 2. Deshalpur 3. Sayedpur
2.	RSRS, Kalimpong	1.Mahakaldara
3.	RSRS, Koraput	1.Dhenkikote
4.	RSRS, Jorhat	1. Chapori
5.	REC, M.P.Raj	1.Amritpur
6.	REC, Kamnagar	1.Saheb Nagar
7.	REC, Mothabari	1.Bangalgram
8.	REC (SU), Kalitha	1.Kanupur, 2.Toilpara
9.	REC, Imphal	1.Yumnamkhunou



10.	REC, Aizawl	1. Saitual
11.	REC, Shillong	1. Ummulong 2. Nahiajer
12.	REC, Mongaldoi	1. Halda 2. Rowmari
13.	REC, Agartala	1. Chikancharra
14.	BV CPP Nadia	Barbakpur
<b>Total =</b>		<b>19 Nos.</b>

## ANNEXURE-XX

### 4. Field level Interventions for Quality and productivity Improvement through Information, Education and Communication and Capacity Building

#### 4.6. Interventions through main Institutes level

Success indicator-ii. No. of farmers adopted: 1700 Nos.

During 1st & 2<sup>nd</sup> Qtr.: 1700 Nos.

Sl. No.	Name of Centre	Name of village	Numbe of farmers
1.	CSRTI, Berhampore	1. Balashpur, 2. Barbakpur	200 350
2.	RSRS, Kalimpong	1. Mahakaldara	15
3.	RSRS, Koraput	1. Dhenkikote	50
4.	RSRS, Jorhat	1. Chapori	50
5.	REC, M.P. Raj	1. Amritpur	50
6.	REC, Kamnagar	1. Saheb nagar	200
7.	REC, Mothabari	1. Bangalgram	200
8.	REC (SU), Kalitha	1. Kanupur, 2. Nakatipara	100 100
9.	REC, Imphal	1. Yumnamkhunou	70
10.	REC, Aizawl	1. Saitual	60
11.	REC, Shillong	1. Ummulong	100
12.	REC, Mongaldoi	1. Halda, 2. Jayantipur	60 65
13.	REC, Agartala	1. Chikancharra	30
<b>Total=</b>		<b>16</b>	<b>1700</b>

During 3rd Qtr.: 1700 no of farmers.

Sl. No.	Name of Centre	Name of village	Number of farmers
1.	CSRTI, Berhampore	1. Balashpur 2. Deshalpur 3. Sayedpur	200 150 200
2.	RSRS, Kalimpong	1. Mahakaldara	15
3.	RSRS, Koraput	1. Dhenkikote	50
4.	RSRS, Jorhat	1. Chapori	50
5.	REC, M.P. Raj	1. Amritpur	50
6.	REC, Kamnagar	1. Saheb nagar	200
7.	REC, Mothabari	1. Bangalgram	200
8.	REC (SU), Kalitha	1. Kanupur, 2. Toilpara	100 100
9.	REC, Imphal	1. Yumnamkhunou	70
10.	REC, Aizawl	1. Saitual	60
11.	REC, Shillong	1. Ummulong 2. Nahiajer	100
12.	REC, Mongaldoi	1. Halda 2. Rowmari	60 65
13.	REC, Agartala	1. Chikancharra	30
<b>Total=</b>		<b>18 Nos.</b>	<b>1700</b>

**During 4<sup>th</sup> Qtr. : 1905 no of farmers.**

Sl. No.	Name of Centre	Name of village	Numbe of farmers
1.	CSRTI, Berhampore	1. Balashpur, 2. Deshalpur 3. Sayedpur	200 150 200
2.	RSRS, Kalimpong	1.Mahakaldara	70
3.	RSRS, Koraput	1.Dhenkikote	50
4.	RSRS, Jorhat	1. Chapori	50
5.	REC, M.P.Raj	1.Amritpur	50
6.	REC, Kamnagar	1.Saheb Nagar	200
7.	REC, Mothabari	1.Bangalgram	300
8.	REC (SU), Kalitha	1.Kanupur 2.Toilpara	200 -
9.	REC, Imphal	1.Yumnamkhunou	70
10.	REC, Aizawl	1. Saitual	60
11.	REC, Shillong	1. Ummulong 2. Nahiajer	50
12.	REC,Mongaldoi	1.Halda 2.Rowmari	60 65
13.	REC, Agartala	1.Chikancharra	30
14.	Bv- CPP Nadia	Barbakpur	50
<b>Total =</b>		<b>19 Nos.</b>	<b>1905</b>

### **ANNEXURE-XXI**

#### **4. Field level Interventions for Quality and productivity Improvement through Information, Education and Communication and Capacity Building**

##### **4.6. Interventions through main Institutes level**

**Success indicator-iii. Expected rawsilk Output (Achieved upto 4<sup>th</sup> Qtr. 35.36 ton)**

**During 1<sup>st</sup> Qtr.: 10.942 ton**

Sl. No.	Name of Centre	Name of village	Numbe of dfls reared	Combin-ation	Yield /100 dfls	Estimated raw silk (t)
1.	CSRTI, Berhampore	1. Balashpur, 2. Barbakpur	40000 70000	Multi x Bi	40.00 44.34	1.8 3.44
2.	RSRS, Kalimpong	1.Mahakaldara	750	Bi x Bi	50.00	0.047
3.	RSRS, Koraput	1.Dhenkikote	2500	Multi x Bi	45.00	0.125
4.	RSRS, Jorhat	1. Chapori	5000	Bi x Bi	47.00	0.294
5.	REC, M.P.Raj	1.Amritpur	5000	Multi x Bi	42.50	0.236
6.	REC, Kamnagar	1.Saheb Nagar	40000	Multi x Bi	43.45	1.932
7.	REC, Mothabari	1.Bangalgram	20000	Multi x Bi	45.00	1.00
8.	REC (SU), Kalitha	1.Kanupur, 2.Nakatipara	10000 10000	Multi x Bi	42.50 41.50	0.472 0.461
9.	REC, Imphal	1.Yumnamkhunou	3500	Bi x Bi	45.00	0.197
10.	REC, Aizawl	1. Saitual	3000	Bi x Bi	47.00	0.176
11.	REC, Shillong	1.Ummulong	5000	Bi x Bi	46.60	0.291
12.	REC,Mongaldoi	1.Halda, 2.Jayantipur	3000 3250	Bi x Bi	50.30 48.70	0.189 0.198
13.	REC, Agartala	1.Chikancharra	1500	Bi x Bi	45.00	0.084
<b>Total=</b>		<b>16</b>	<b>222500</b>			<b>10.942</b>

**During 2<sup>nd</sup> Qtr.: 2.179 ton**

Sl. No.	Name of Centre	Name of village	Numbe of dfls reared	Combin-ation	Yield /100 dfls	Estimated raw silk (t)
1.	CSRTI,	1. Balashpur,	5000	Multi x Bi	30	0.167



	Berhampore	2. Barbakpur	45000	Multi x Multi	20	0.9
2.	RSRS, Kalimpong	1.Mahakaldara	-	-	-	-
3.	RSRS, Koraput	1.Dhenkikote	-	-	-	-
4.	RSRS, Jorhat	1. Chapori	-	-	-	-
5.	REC, M.P.Raj	1.Amritpur	-	-	-	-
6.	REC, Kamnagar	1.Saheb Nagar	50000	Multi x Bi	22	0.9
7.	REC, Mothabari	1.Bangalgram	-	-	-	-
8.	REC (SU), Kalitha	1.Kanupur, 2.Nakatipara	700 7000	Multi x Bi Multi x Multi	35 25	0.031 0.175
9.	REC, Imphal	1.Yumnamkhun	-	Bi x Bi	-	-
10.	REC, Aizawl	1. Saitual	-	Bi x Bi	-	-
11.	REC, Shillong	1.Ummulong	-	Bi x Bi	-	-
12.	REC,Mongaldoi	1.Halda, 2.Jayantipur	-	Bi x Bi	-	-
13.	REC, Agartala	1.Chikancharra	100	Bi x Bi	44.9	0.006
<b>Total=</b>		<b>18</b>	<b>108800</b>	<b>-</b>	<b>-</b>	<b>2.179</b>

**During 3<sup>rd</sup> Qtr.: 12.34 ton**

Sl. No.	Name of Centre	Name of village	Numbe of dfls reared	Combination	Yield /100 dfls	Estimated raw silk (t)
1.	CSRTI, Berhampore	1. Balashpur 2. Deshalpur 3. Sayedpur	20000 15000 20000	Multi x Bi	52 53 49	1.13 0.86 1.05
2.	RSRS, Kalimpong	1.Mahakaldara	1500	Bi x Bi	65	0.12
3.	RSRS, Koraput	1.Dhenkikote	5000	Multi x Bi	55	0.31
4.	RSRS, Jorhat	1. Chapori	2500	Bi x Bi	50	1.56
5.	REC, M.P.Raj	1.Amritpur	7500	Multi x Bi	49	0.41
6.	REC, Kamnagar	1.Saheb Nagar	30000	Multi x Bi	53.08	1.76
7.	REC, Mothabari	1.Bangalgram	30000	Multi x Bi	53.00	1.80
8.	REC (SU), Kalitha	1.Kanupur, 2.Toilpara	12000 8000	Multi x Bi Multi x Multi	55 45	0.72 0.39
9.	REC, Imphal	1.Yumnamkhunou	7000	Bi x Bi	52	0.52
10.	REC, Aizawl	1. Saitual	6000	Bi x Bi	52.5	0.39
11.	REC, Shillong	1.Ummulong 2. Nahiajer	4000 -	Bi x Bi -	56 -	0.30 -
12.	REC,Mongaldoi	1.Halda 2.Rowmari	12500 -	Bi x Bi -	51 -	0.80 -
13.	REC, Agartala	1.Chikancharra	3000	Bi x Bi	55.5	0.22
<b>Total=</b>		<b>184000</b>				<b>12.34</b>

**During 4th Qtr. : 9.96 ton**

Sl. No	Name of Centre	Name of village	Numbe of dfls reared	Combination	Yield /100 dfls	Estimated raw silk (t)
1.	CSRTI, Berhampore	1. Balashpur, 2. Deshalpur 3. Sayedpur	20000 - -	MxB - -	51.0 - -	1.13 - -
2.	RSRS, Kalimpong	1.Mahakaldara	2515	BxB	35.93	0.11
3.	RSRS, Koraput	1.Dhenkikote	5000	MxB	43.6	0.24
4.	RSRS, Jorhat	1. Chapori	2500	BxB	40.25	1.26
5.	REC, M.P.Raj	1.Amritpur	7500	MxB	44.04	0.37
6.	REC, Kamnagar	1.Saheb Nagar	30000	MxB	55.81	1.86
7.	REC, Mothabari	1.Bangalgram	40000	MxB	44.75	1.98
8.	REC (SU), Kalitha	1.Kanupur 2.Toilpara	20000 -	MxB -	51.60 -	1.15 -
9.	REC, Imphal	1.Yumnamkhunou	7000	BxB	35.5	0.31
10.	REC, Aizawl	1. Saitual	6000	BxB	46.30	0.33

11.	REC, Shillong	1. Ummulong 2. Nahiajer	4000	BxB	46.83	0.22
12	REC, Mongaldoi	1. Halda 2. Rowmari	12500	BxB	42.45	0.62
13	REC, Agartala	1. Chikancharra	1500	BxB	46.0	0.09
14.	BV CPP Nadia	Barbakpur	5000	MxB	52.5	0.29
			<b>1,63,515</b>	<b>---</b>	<b>---</b>	<b>9.96 t</b>

## ANNEXURE-XXII

### 4. Field level Interventions for Quality and productivity Improvement through Information, Education and Communication and Capacity Building

#### 4.7. Large scale trial of L14 X S8 & other ICB breeds

Success indicator-i. No. of dfls proposed for large scale trial : 166000 dfls. (Upto 4<sup>th</sup> Qtr.)

(During 1<sup>st</sup> Qtr.)

**Pure breed/ Foundation Crosses: 2425 P1 dfls**

1. SK6xSK7-125 Nos.; 2. GP (13)-130 Nos; 3. B. Con.1 : 250 Nos.
2. B.Con.4 – 250 Nos. 5. N(M) :750 Nos. 6. M12W – 400 Nos
7. Shuttle breeding-300 Nos. 8. M.Con4 x (B.Con1xB.Con4)- 150 Nos
9. N (P) : 70 Nos.

(During 2<sup>nd</sup> Qtr.):

**Pure breed/ Foundation Crosses: 3426 P1 dfls supplied.**

1. N x (SK6xSK7) - 20 Nos. ; 2.M6DPC -200 Nos. 3.B. Con.1 - 700 Nos. ;
4. B.Con.4 – 500 Nos. 5.N (M) - 201 Nos. ; 6.N (P) - 399 Nos.
7. B.Con1 x B.Con4 -1000 Nos.;8.Shuttle breeding- 176 Nos.
9. M.Con.1 -50 Nos; 10.M.Con.4 -50 nos. 11.SK6 -50 Nos ; 12.SK7 – 50 nos ;
13. M6DPCX (SK6xSK7) - 30 Nos.

(During 3<sup>rd</sup> Qtr.): 79287 dfls.

**Pure breed/ Foundation Crosses: 1787 P1 dfls supplied.**

1. SK6-225 Nos. ; 2. SK7-225 Nos. ; 3. B.Con.1x B.Con.4-135 Nos. ;
4. Shuttle Breeding-187 Nos. ; 5. N(M) :240 Nos. ; 6. N(P) -240 Nos. ;
7. N (Chalsa)-10 Nos. ; 8. N(D)-10 Nos. ; 9. M12W-40 Nos. ;
10. M.Con.4xB.Con.4-300 Nos. ; 11. M6DPC-175 Nos.

11.DFLs distributed under authorization trial programme in Agrahayani crop (Oct-Nov)

77500 dfls

#	Name of the Unit	Multi x Bi		Bi x Bi		Total Dfls
		M6DPC x (SK6 x SK7)	N x (SK6 x SK7)	B.Con1 x B.Con4	SK6 x SK7	
1	REC, Kamnagar	1800	1100	4500		7400
2	REC, Mothabari	2500	400	4500		7400
3	REC, M.P.Raj	500	200	500		1200
4	REC, Rajmohal	500	200	1800		2500
5	ZSSO, Malda	2500	400	5300		8200
6	DT(S), Malda	2500	400			2900
7	DoT(S), Mursidabad	2500	400			2900
8	DoT(S), Birbhum	2500	400			2900

9	DoT(S), Nadia	500	200			700
	<b>Total (West Bengal)</b>	<b>15800</b>	<b>3700</b>	<b>16600</b>	<b>0</b>	<b>36100</b>
10	REC, Gumla		0		700	700
11	REC, Bhandra		0		700	700
12	RSRS, Jorhat			8000	500	8500
13	REC, Agartala			4200		4200
14	REC, Shilong			4000	4500	8500
15	REC, Aizawal			4000	500	4500
16	REC, Imphal			6400	500	6900
17	REC, Dimapur			2000	200	2200
18	REC, Rongpo				2500	2500
19	REC, Koraput			900		900
20	REC, Deogargh			900		900
21	REC, Bademaringa			900		900
	<b>Total (N. E. Zone)</b>	<b>0</b>	<b>0</b>	<b>31300</b>	<b>10100</b>	<b>41400</b>
	<b>GRAND TOTAL</b>	<b>15800</b>	<b>3700</b>	<b>47900</b>	<b>10100</b>	<b>77500</b>

**(During 4th Qtr.): 89390 dfls.**

Under authorization trial programme:

1. SK6 x SK7- 3400 Nos. 2. M6DPC x (SK6 x SK7) – 32500 Nos.

3. N x (SK6 x SK7) – 1600 Nos. 4. B.Con1 x B. Con.4 -- 51000 Nos.

DFLs distributed under authorization trial programme during Falguni crop (Feb-Mar)

**88500 dfls**

#	Name of the Unit	Multi x Bi		Bi x Bi		Total Dfls
		M6DPC x (SK6 x SK7)	N x (SK6 x SK7)	B.Con1 x B.Con4	SK6 x SK7	
1	REC, Kamnagar	2500	400	4000	500	7400
2	REC, Mothabari	3000	600	5600	700	9900
3	REC, M.P.Raj	500	200	400	100	1200
5	ZSSO, Malda	6500	400	5000	300	12200
6	DT(S), Malda	2500	400			2900
7	DoT(S), Mursidabad	2500	400			2900
8	DoT(S), Birbhum	10500	400			10900
9	DoT(S), Nadia	3500	200			3700
	<b>Total (West Bengal)</b>	<b>31500</b>	<b>3000</b>	<b>15000</b>	<b>1600</b>	<b>51100</b>
11	REC, Bhandra	1000	400			1400
12	RSRS, Jorhat			9700		9700
13	REC, Agartala			4200		4200
14	REC, Shilong			4500		4500
15	REC, Aizawal			4500		4500
16	REC, Imphal			6900		6900
17	REC, Dimapur			1000		1000
18	REC, Rongpo			2500		2500
19	REC, Koraput			900		900
20	REC, Deogargh			500		500
21	REC, Dhenkikote			1300		1300
	<b>Total (N. E. Zone)</b>	<b>1000</b>	<b>400</b>	<b>36000</b>	<b>0</b>	<b>37400</b>
	<b>GRAND TOTAL</b>	<b>32500</b>	<b>3400</b>	<b>51000</b>	<b>1600</b>	<b>88500</b>

**Pure breed/ Foundation Crosses: 890 P1 dfls supplied.**

1.SK6-105, 2.SK7-155, 3.B.Con.1xB.Con.4-200, 4. SK6 x SK7-100, 5. N(M) -150, 6. N(P) -150, 7. M.Con4xB.Con4- 30 = Total: 890

## ANNEXURE–XXIII

### 4. Field level Interventions for Quality and productivity Improvement through Information, Education and Communication and Capacity Building

#### 4.8. Interventions through RSRS/ REC level

Success indicator – i: Number of Blocks/ Districts/ BV-Cluster adopted: 15 blocks

Success indicator – i: No. of Cluster to be organized: 15 Nos. Continued upto 4<sup>th</sup> Qtr.

Sl. No.	Name of the State/ No. of Cluster		Place
1.	West Bengal	1.	Malda
		2.	Murshidabad
		3.	Nadia
		4.	Birbhum
2.	Odisha	5.	Ghatgaon( Keonjhor)
		6.	Kashipur
3.	Bihar	7.	Kishanganj
4.	Assam	8.	Darrang
		9.	Udalguri
		10.	Jorhat
5.	Manipur	11.	Churachandpur
		12.	Ukhrul
6.	Mizoram	13.	Aizawl
7.	Nagaland	14.	Parren
8.	Tripura	15.	West Tripura

## ANNEXURE–XXIV

### 4. Field level Interventions for Quality and productivity Improvement through Information, Education and Communication and Capacity Building

#### 4.8. Interventions through RSRS/ REC level

Success indicator – ii: No. of farmers covered: 5996 Nos.

(During 1<sup>st</sup> Quarter: 3002 Nos. )

Sl. No.	Name of the State/ No. of Cluster		Place	Farmers Covered (No.)
1.	West Bengal	1.	Malda	130
		2.	Murshidabad	120
		3.	Nadia	97
		4.	Birbhum	-
2.	Odisha	5.	Ghatgaon( Keonjhor)	-
		6.	Kashipur	-
3.	Bihar	7.	Kishanganj	-
4.	Assam	8.	Darrang	405
		9.	Udalguri	325
		10.	Jorhat	400
5.	Manipur	11.	Churachandpur	320
		12.	Ukhrul	295
6.	Mizoram	13.	Aizawl	300
7.	Nagaland	14.	Parren	285
8.	Tripura	15.	West Tripura	325
Total=				3002

**During 2<sup>nd</sup> Qtr.: 3925 Nos.**

Sl. No.	Name of the State/ No. of Cluster		Place	Farmers Covered (No.)
1.	West Bengal	1.	Malda	178
		2.	Murshidabad	811
		3.	Nadia	60
		4.	Birbhum	100
2.	Odisha	5.	Ghatgaon( Keonjhor)	66
		6.	Kashipur	45
3.	Bihar	7.	Kishanganj	10
4.	Assam	8.	Darrang	405
		9.	Udalguri	325
		10.	Jorhat	400
5.	Manipur	11.	Churachandpur	320
		12.	Ukhrul	295
6.	Mizoram	13.	Aizawl	300
7.	Nagaland	14.	Parren	285
8.	Tripura	15.	West Tripura	325
<b>Total=</b>				<b>3925</b>

**During 3<sup>rd</sup> Quarter : No. of farmers covered: 5966 Nos.**

Sl. No.	Name of the State/ No. of Cluster		Place	Farmers Covered (No.)
1.	West Bengal	1.	Malda	850
		2.	Murshidabad	1050
		3.	Nadia	580
		4.	Birbhum	600
2.	Odisha	5.	Ghatgaon( Keonjhor)	66
		6.	Kashipur	45
3.	Bihar	7.	Kishanganj	120
4.	Assam	8.	Darrang	405
		9.	Udalguri	325
		10.	Jorhat	400
5.	Manipur	11.	Churachandpur	320
		12.	Ukhrul	295
6.	Mizoram	13.	Aizawl	300
7.	Nagaland	14.	Parren	285
8.	Tripura	15.	West Tripura	325
<b>Total=</b>				<b>5966</b>

**During 4<sup>th</sup> Quarter: No. of farmers covered: 5731. Nos.**

Sl. No.	Name of the State/ No. of Cluster		Place	Farmers Covered (No.)
1.	West Bengal	1.	Malda	763
		2.	Murshidabad	923
		3.	Nadia	650
		4.	Birbhum	270
2.	Odisha	5.	Ghatgaon( Keonjhor)	166
		6.	Kashipur	43
3.	Bihar	7.	Kishanganj	305
4.	Assam	8.	Darrang	405
		9.	Udalguri	375
		10.	Jorhat	324
5.	Manipur	11.	Churachandpur	320
		12.	Ukhrul	295
6.	Mizoram	13.	Aizawl	300
7.	Nagaland	14.	Parren	200
8.	Tripura	15.	West Tripura	392
<b>Total=</b>				<b>5731</b>

## ANNEXURE–XXV

### 4. Field level Interventions for Quality and productivity Improvement through Information, Education and Communication and Capacity Building

#### 4.8. Interventions through RSRS/ REC level

**Success indicator –iii: Expected raw silk output: Upto 4<sup>th</sup> Qtr.: 270.454 mt [1<sup>ST</sup> Qtr.- 31.58 mt +2<sup>nd</sup> Qtr. 16.517 mt + 3<sup>rd</sup> Qtr.60.79 mt + 100.77 mt]**  
**(During 1<sup>ST</sup> Qtr.- 31.58 mt; BV: 18.62 mt +ICB: 12.96 mt)**

#### BV PRODUCTION

#	Cluster	Dfls (Lakh)		Cocoon yield (MT)	Raw silk (MT)	
		Target	Achievt.		Target	Achievt.
West Bengal						
1	Malda	1.25	0.15	7.20	7.81	0.90
2	Murshidabad	1.25	0.12	1.26	7.81	0.16
3	Birbhum	0.50	0.01	0.00	3.13	0.00
4	Nadia	0.50	0.06	0.99	3.13	0.12
	Total	3.50	0.34	9.45	21.88	1.18
Odisha						
5	Keonjar/Ghatgaon	0.50	-	-	3.13	-
6	Kashipur	0.50	-	-	3.13	-
	Total	1.00	-	-	6.26	-
Bihar						
7	Kishanganj	0.50	-	-	3.13	-
Total of Eastern Zone A		5.00	0.34	9.45	31.27	1.18
Assam & BTC						
8	Darrang	2.00	0.50	24.25	12.50	3.03
9	Jorhat	2.00	0.35	14.00	12.50	1.75
10	Udalguri	2.00	0.56	13.95	12.50	1.74
	Total	6.00	1.41	52.20	37.50	6.53
Mizoram						
11	Aizawl	2.50	0.65	30.83	15.63	3.85
Nagaland						
12	Peren	2.00	0.40	15.36	12.50	1.92
Manipur						
13	Churachandpur	2.50	0.90	21.50	15.63	2.69
14	Ukhrul	2.50	0.70	17.15	15.63	2.14
	Total	5.00	1.60	38.65	31.26	4.83
Tripura						
15	West tripura	2.00	0.05	2.49	12.50	0.31
Total of NE Zone B		17.50	4.11	139.53	109.39	17.44
Grand Total		22.50	4.45	148.98	140.66	18.62

#### ICB PRODUCTION

#	Cluster	Dfls (Lakh)		Cocoon yield (MT)	Raw silk (MT)	
		Target	Achievt.		Target	Achievt.
West Bengal						
1	Malda	2.00	1.12	39.20	8.00	3.92
2	Murshidabad	1.25	0.35	17.43	5.00	1.74
3	Birbhum	1.00	0.49	13.72	4.00	1.37
4	Nadia	2.00	0.98	42.36	8.00	4.24
	Total	6.25	2.94	112.71	25.00	11.27
Odisha						
1	Keonjar/Ghatgaon	0.25	0.02	0.48	0.80	0.05

2	Kashipur	0.25	-	-	1.00	-
	Total	0.50	0.02	0.48	1.80	0.05
<b>Bihar</b>						
1	Kishanganj	0.20	0.01	0.38	0.80	0.04
<b>Total of Eastern Zone A</b>		<b>6.95</b>	<b>2.97</b>	<b>113.57</b>	<b>27.60</b>	<b>11.36</b>
<b>Tripura</b>						
1	West tripura	0.00	0.39	16.02	-	1.60
<b>Total of NE Zone B</b>		<b>0.00</b>	<b>0.39</b>	<b>16.02</b>	<b>-</b>	<b>1.60</b>
<b>Grand Total</b>		<b>6.95</b>	<b>3.36</b>	<b>129.59</b>	<b>27.60</b>	<b>12.96</b>

During 2<sup>nd</sup> Qtr.- 16.517 mt; BV: 7.08 mt +ICB: 9.437 mt)

#### BV PRODUCTION

#	Cluster	Dfls (Lakh)		Cocoon yield (MT)	Raw silk (MT)	
		Target	Achievt.		Target	Achievt.
West Bengal						
1	Malda	1.25	0.10	4.40	7.81	0.55
2	Murshidabad	1.25	0.08	3.50	7.81	0.44
3	Birbhum	0.50	0.00	0.00	3.13	0.00
4	Nadia	0.50	0.00	0.00	3.13	0.00
	Total	3.50	0.18	7.90	21.88	0.99
Odisha						
5	Keonjar/Ghatgaon	0.50	0.014*	-	3.13	-
6	Kashipur	0.50	0.03*	-	3.13	-
	Total	1.00	0.044	-	6.26	-
Bihar						
7	Kishanganj	0.50	-	-	3.13	-
Total of Eastern Zone A		5.00	0.224	7.90	31.27	0.99
	Assam & BTC					
8	Darrang	2.00	0.00	0.00	12.50	0.00
9	Jorhat	2.00	0.00	0.00	12.50	0.00
10	Udalguri	2.00	0.00	0.00	12.50	0.00
	Total	6.00	0.00	0.00	37.50	0.00
Mizoram						
11	Aizawl	2.50	0.43*	0.00	15.63	0.00
Nagaland						
12	Peren	2.00	0.90	13.64	12.50	1.37
Manipur						
13	Churachandpur	2.50	0.45	21.34	15.63	2.62
14	Ukhrul	2.50	0.40	17.25	15.63	2.10
	Total	5.00	0.85	38.59	31.26	4.72
Tripura						
15	West tripura	2.00	0.00	0.00	12.50	0.00
	Total of NE Zone B	17.50	2.18	52.23	109.39	6.09
Grand Total		22.50	2.404	60.13	140.66	7.08

\* Rearing under progress

#### ICB PRODUCTION

#	Cluster	Dfls (Lakh)		Cocoon yield (MT)	Raw silk (MT)	
		Target	Achievt.		Target	Achievt.
West Bengal						
1	Malda	2.00	0.97	37.62	8.00	3.76
2	Murshidabad	1.25	0.81	36.50	5.00	3.65
3	Birbhum	1.00	0.24	8.23	4.00	0.73
4	Nadia	2.00	0.30	11.94	8.00	1.19
	Total	6.25	2.32	94.29	25.00	9.33
Odisha						
1	Keonjar/Ghatgaon	0.25	0.032	1.09	0.80	0.107
2	Kashipur	0.25	0.015*	-	1.00	-
	Total	0.50	0.047	1.09	1.80	0.107

<b>Bihar</b>						
1	Kishanganj	0.20	0.00	0.00	0.00	0.00
<b>Total of Eastern Zone A</b>		<b>6.95</b>	<b>2.367</b>	<b>95.38</b>	<b>27.60</b>	<b>9.437</b>
<b>Assam &amp; BTC</b>						
<b>Tripura</b>						
1	West tripura	0.00	0.18*	0.00	-	0.00
<b>Total of NE Zone B</b>		<b>0.00</b>	<b>0.18</b>	<b>0.00</b>	<b>-</b>	<b>0.00</b>
<b>Grand Total</b>		<b>6.95</b>	<b>2.547</b>	<b>95.38</b>	<b>27.60</b>	<b>9.437</b>

\* rearing under progress

(BV PRODUCTION 3<sup>rd</sup> Qtr.) 60.79 mt (34.471 ton Bv & 26.319 ton ICB)

#	Cluster	Dfls (Lakh)		Cocoon yield (MT)	Raw silk (MT)	
		Target	Achievt.		Target	Achievt.
West Bengal						
1	Malda	1.25	0.70	39.90	7.81	4.988
2	Murshidabad	1.25	0.80	52.00	7.81	6.110
3	Birbhum	0.50	0.30	15.90	3.13	1.988
4	Nadia	0.50	0.28	15.22	3.13	1.904
	Total	3.5	2.08	123.02	21.88	14.99
Odisha						
5	Keonjar/Ghatgaon	0.50	0.0053	0.655	3.13	0.081
6	Kashipur	0.50	0.016	1.27	3.13	0.158
	Total	1.00	0.016	1.925	6.26	0.239
Bihar						
7	Kishanganj	0.50	0.195	9.467	3.13	1.18
Total of Eastern Zone A		5.0	2.291	134.41	31.27	16.41
Assam & BTC						
8	Darrang	2.00	0.80	0.00	12.50	0.00
9	Jorhat	2.00	0.35	0.00	12.50	0.00
10	Udalguri	2.00	0.40	19.80	12.50	2.38
	Total	6.00	1.55	19.80	37.50	2.80
Mizoram						
11	Aizawl	2.50	0.425	19.73	15.63	2.46
Nagaland						
12	Peren	2.00	0.40	15.04	12.50	1.88
Manipur						
13	Churachandpur	2.50	0.90*	20.27	15.63	2.50
14	Ukhrul	2.50	0.80	19.60	15.63	2.43
	Total	5.00	0.80	39.87	31.26	4.93
Tripura						
15	West tripura	2.00	1.491	56.77	12.50	5.991
Total of NE Zone B		17.5	4.666	151.21	109.39	18.061
	Grand Total	22.5	6.957	285.62	140.66	34.471

\*0.45 Lakh dfls rearing under progress under churachandpur & 0.40 lakh under Ukhrul cluster (ICB PRODUCTION- 3rd Qtr.)

#	Cluster	Dfls (Lakh)		Cocoon yield (MT)	Raw silk (MT)	
		Target	Achievt.		Target	Achievt.
West Bengal						
1	Malda	2.00	1.105	52.692	8.00	5.271
2	Murshidabad	1.25	0.25	13.26	5.00	1.40
3	Birbhum	1.00	3.204	140.976	4.00	14.098
4	Nadia	2.00	0.867	44.878	8.00	4.488
	Total	6.25	5.426	251.806	25	25.257
Odisha						
1	Keonjar/Ghatgaon	0.25	0.029	0.659	0.80	0.065
2	Kashipur	0.25	0.033	0.625	1.00	0.062
	Total	0.50	0.062	1.284	1.8	0.127
Bihar						
1	Kishanganj	0.20	0.21	8.395	0.80	0.935



Total of Eastern Zone A	6.95	5.698	261.485	27.6	26.319
Total of NE Zone B	0.00	0.0	0.00	-	0.00
Grand Total	6.95	5.698	261.485	27.6	26.319

During 4<sup>th</sup> Qtr 100.777 mt (19.130 ton Bv & 81.647 ton ICB)

#### BV PRODUCTION

#	Cluster	Dfls (Lakh)		Cocoon yield (MT)	Raw silk (MT)	
		Target	Achievt.		Target	Achievt.
West Bengal						
1	Malda	1.25	0.763	47.687	7.81	5.960
2	Murshidabad	1.25	0.800	52.000	7.81	6.500
3	Birbhum	0.50	0.250	10.500	3.13	1.312
4	Nadia	0.50	0.305	17.904	3.13	2.238
	Total	3.50	2.118	128.091	21.88	16.010
Odisha						
5	Keonjar/Ghatgaon	0.50	0.023	0.936	3.13	0.117
6	Kashipur	0.50	0.016	0.520	3.13	0.065
	Total	1.00	0.039	1.456	6.26	0.182
Bihar						
7	Kishanganj	0.50	0.305	15.708	3.13	1.963
Total of Eastern Zone A		5.00	2.462	145.255	31.27	18.155
Assam & BTC						
8	Darrang	2.00	0.500	00****	12.50	00***
9	Jorhat	2.00	0.350	00****	12.50	00***
10	Udalguri	2.00	0.30	00****	12.50	00***
	Total	6.00	1.150	00****	37.50	00***
Mizoram						
11	Aizawl	2.50	0.21	00***	15.63	00***
Nagaland						
12	Peren	2.00	0.20	00***	12.50	00***
Manipur						
13	Churachandpur	2.50	0.450	00***	15.63	00***
14	Ukhrul	2.50	0.400	00***	15.63	00***
	Total	5.00	0.850	00***	31.26	00***
Tripura						
15	West tripura	2.00	0.15	7.80	12.50	0.975
	Total of NE Zone B	17.50	2.560	7.800	109.39	0.975
Grand Total		22.50	5.022	153.055	140.66	19.130

\*\*\* 2.41 Lakh Bv-dfls supplied and Rearing under Progress

#### ICB PRODUCTION

#	Cluster	Dfls (Lakh)		Cocoon yield (MT)	Raw silk (MT)	
		Target	Achievt.		Target	Achievt.
West Bengal						
1	Malda	2.00	13.456	605.52	8.00	60.552
2	Murshidabad	1.25	0.550	29.15	5.00	2.915
3	Birbhum	1.00	2.860	120.12	4.00	12.012
4	Nadia	2.00	0.980	51.21	8.00	5.125
	Total	6.25	17.846	806.004	25.00	80.604
Odisha						
1	Keonjar/Ghatgaon	0.25	0.050	1.620	0.80	0.203
2	Kashipur	0.25	0	0	1.00	0
	Total	0.50	0.050	1.620	1.80	0.203
Bihar						
1	Kishanganj	0.20	0.20	8.400	0.80	0.840
Total of Eastern Zone		6.95	18.096	816.024	27.60	81.647

## ANNEXURE–XXVI

### 4. Field level Interventions for Quality and productivity Improvement through Information, Education and Communication and Capacity Building

#### 4.9. New plantation with improved varieties

**Success indicator – i: Popularisation of C2028, C2038 and S1635 varieties: 90.12 Acres (upto 4<sup>th</sup> Qtr.)**

During 1<sup>st</sup> Qtr. -1 acre (C2038 and S1635)

During 2<sup>nd</sup> Qtr. -28.92 acres (S1635)

During 3<sup>rd</sup> Qtr. -60.2 acres (S1635)

Sl.No.	Name of the unit	Variety	Acreage covered
1	REC, Kamnagr, WB.	S-1635	3.92 Acres
2	REC, Daenkikote, Odisha	S-1635	2.5 Acres
3	REC, Gumla	S-1635	2.5 Acres
4	RSRS, Jorhat	S-1635	2.5 Acres
5	RSRS, Koraput	S-1635	2.5 Acres
6	REC, Agartala	S-1635	2.5 Acres
7	REC, Aizawl	S-1635	2.5 Acres
8	REC, Dimapur	S-1635	2.5 Acres
9	REC, Imphal	S-1635	2.5 Acres
10	REC, Shillong	S-1635	2.5 Acres
<b>TOTAL=</b>			<b>28.92 Acres</b>

**During 3<sup>rd</sup> Qtr. 60.2 acres**

Sl.No.	Name of the unit	Variety	Acreage covered
1.	REC, Kamnagr, WB.	S-1635	10.1 Acres
2.	REC, Mothabari	S-1635	10.6 Acres
3.	REC, MPRaj	S-1635	2.5 Acres
4.	REC, Bhandra, Jharkhand	S-1635	37.5 Acres
<b>TOTAL=</b>			<b>60.2 Acres</b>

## ANNEXURE–XXVII

### 4. Field level Interventions for Quality and productivity Improvement through Information, Education and Communication and Capacity Building

#### 4.10. Organisation of Swachha Resham Gram

**Success indicator – i: No of villages covered: 1 No. (Achieved during 1<sup>st</sup> Qtr. & continued upto 4<sup>th</sup> Qtr.)**

Name of the village: Mullickpur, Murshidabad

As per the Central Silk Board, Bangalore letter No. CSB-31/ 2/XII Pan/SMV/2015/RCS dtd. 15/10/2015, CSR&TI, Berhampore has adopted a village, Mallickpur-Diara under Khargram Block in Murshidabad district of West Bengal, in the year 2015-16. A total of 330 farming families are practicing mulberry sericulture in that village as one of their sources of income and livelihood. Although these families also cultivate other crops such as, paddy, jute, oil seeds, vegetable etc., sericulture plays a major role in their economy.

**Objective:** To create awareness on cleanliness, health hygiene and overall development of sericulture farming community in the village through mobilization of resources from various agencies.

## ANNEXURE–XXVIII

### 4. Field level Interventions for Quality and productivity Improvement through Information, Education and Communication and Capacity Building

#### 4.10. Organisation of Swachha Resham Gram

Success indicator – ii: Adoption of villages: 90%

## ANNEXURE–XXIX

### 4. Field level Interventions for Quality and productivity Improvement through Information, Education and Communication and Capacity Building

#### 4.11. 100 % Adoption of Technologies amongst different stake holders

Success indicator–i: Number of farmers covers under 100% adoption of technology: 4027 upto 4<sup>th</sup> Qtrs.

[1<sup>st</sup>: 212 Nos.+2<sup>nd</sup> : 484 Nos.+ 3<sup>rd</sup> :3137 Nos. + 4<sup>th</sup> :194 Nos.]

[212 (60 + 27 + 125) During 1st Quarter]

#	Name	Address	Sex
1	Sri Tileswar Doley	Kalbari , Jorhat	Male
2	Sri Atul Doley	Bhakatchopori , Golaghat	-Do-
3	Mrs. Sewali Haloi Das	Burhadoi , Mongaldoi	Female
4	Mrs. Anju Nath	Burhadoi , Mongaldoi	-Do-
5	Mrs. Tarulata Nath	Haldha , Mongaldoi	-Do-
6	Mrs. Saraswati deka	Besimari , Mongaldoi	-Do-
7	Mrs. Manima Saharia	Balipota , Mongaldoi	-Do-
8	Mrs. Someswari Baruah	Ramraipara , Mongaldoi	-Do-
9	Sri Kailash Ch. Chamuah	Jayantipur , Mongaldoi	Male
10	Sri Jitendra Pathori	Khokanguri , Jorhat	Male
11	Sri Mitharam Nath	Maizali , Mongaldoi	Male
12	Sri Nripen Rajbongshi	Jayantipur , Mongaldoi	Male
13	Sri Brajen Nath	Henglapara , Mongaldoi	Male
14	Sri Dijen Patir	Natunchopori , Golaghat	Male
15	Mrs. Mani Mili	Nagging Gaon , Jorhat	Female
16	Mrs. Sabita Doley	Baphala , Jorhat	Female
17	Mrs. Jinti Gogoi	Jamugurai, Jorhat	Female
18	Sri Tileswar Borah	Dahara , Golaghat	Male
19	Mrs. Dimbeswari Nath	Punia , Mongaldoi	Female
20	Mrs. Nirmali Nath	Dhekipara , Mongaldoi	Female
21	Mrs. Kamaleswari Nath	Salpam , Mongaldoi	Female
22	Mrs. Junu Chetia	Hensua , Golaghat	Female
23	Mrs. Nijara Gogoi	Jamuguri , Jorhat	Female
24	Miss Ranjani Baruah	Hensua , Golaghat	Female
25	Mrs. Golapi Nath	Maijuli , Mongaldoi	Female
26	Miss Tileswari Nath	Maijuli , Mongaldoi	Female

27	Mrs. Monimala Chutia	Bandorchulia , Titabar	Female
28	Mrs. Anjana Chutia	Bandorchulia , Titabar	Female
29	Mrs. Putali Gogoi	Beigaon , Jorhat	Female
30	Mrs. Anjali Saikia	Ulutolia , Jorhat	Female
31	Mrs. Dipali Gogoi (Sima)	Uttar Hatichungi , Jorhat	Female
32	Mrs. Rupali gogoi	Uttar Hatichungi , Jorhat	Female
33	Mrs. Binju Gogoi	Ulutolia , Jorhat	Female
34	Miss Rupamoni Gogoi	Uttar Hatichungi , Jorhat	Female
35	Mrs. Dipali Koch (Deka)	Balisiha, Udalguri	Female
36	Mrs. Minu Koch (Deka)	Balisiha , Udalguri	Female
37	Mrs. Ilamani Daimari	Hajjuli , Udalguri	Female
38	Mrs. Fulina Daimari	Hajjuli , Udalguri	Female
39	Mrs. Juskena Daimari	Hajjuli,Udalguri	Female
40	Mrs. Rinu Baruah	Jamuguri , Jorhat	Female
41	Mrs. Bulumani Gogoi	Jamuguri , Jorhat	Female
42	Mrs. Renu Gogoi	Jamuguri , Jorhat	Female
43	Miss Rahila Gogoi	Jamuguri , Jorhat	Female
44	Mrs. Rina Gogoi	Uttar Hatichungi , Jorhat	Female
45	Mrs. Biju Moni Gogoi	Uttar Hatichungi Jorhat	Female
46	Mrs. Sabita Gogoi	Uttar Hatichungi Jorhat	Female
47	Mrs. Dipali gogoi ( Bharati )	Uttar Hatichungi Jorhat	Female
48	Miss Mayurakshi Gogoi	Uttar Hatichungi Jorhat	Female
49	Miss Rina Gogoi	Uttar Hatichungi Jorhat	Female
50	Mrs. Birkumari Deuri	Karengchapor, Jorhat	Female
51	Mrs. Shashi Rabha	2No . Batabari , Udalguri	Female
52	Sri Laben Sarania	Kanthalbari , Udalguri	Male
53	Sri Deben Deka	2No . Batabari , Udalguri	Male
54	Sri Arabinda Deka	2No . Batabari , Udalguri	Male
55	Sri Sadei Deka	2No . Batabari , Udalguri	Male
56	Sri Gargo Mochahary	Kacharison , Udalguri	Male
57	Sri Bapukan Das	Sonapani , Udalguri	Male
58	Sri Jadab Gour	Sonapani , Udalguri	Male
59	Sri Debajit Saharia	Sonapani , Udalguri	Male
60	Sri Nabin Koch	Amguri , Udalguri	Male
27 no. farmers of Math Muhmolla			
61	Janmenjoy Mondal	Math Muhmolla	Male
62	Monoranjana Mondal	Math Muhmolla	Male
63	Hemanta Mondal	Math Muhmolla	Male
64	Srimanta Mondal	Math Muhmolla	Male
65	Hiranmoy Mondal	Math Muhmolla	Male
66	Sanjoy Mondal	Math Muhmolla	Male
67	Susanta Mondal	Math Muhmolla	Male
68	Pankaj Mondal	Math Muhmolla	Male
69	Mrinal Mondal	Math Muhmolla	Male
70	Nihar Mondal	Math Muhmolla	Male
71	Utpal Mondal	Math Muhmolla	Male
72	Amrita Mondal	Math Muhmolla	Female
73	Hrishikesh Mondal	Math Muhmolla	Male
74	Prafulla Mondal	Math Muhmolla	Male
75	Santosh Mondal	Math Muhmolla	Male
76	Sasadhar Mondal	Math Muhmolla	Male
77	Biswanath Mondal	Math Muhmolla	Male
78	Nirmal Mondal	Math Muhmolla	Male
79	Prasanta Mondal	Math Muhmolla	Male
80	Susanta Mondal	Math Muhmolla	Male

81	Sadananda Mondal	Math Muhmolla	Male
82	Gopinath Mondal	Math Muhmolla	Male
83	Gopal Mondal	Math Muhmolla	Male
84	Jayanta Mondal	Math Muhmolla	Male
85	Tanmoy Mondal	Math Muhmolla	Male
86	Chakradhar Mondal	Math Muhmolla	Male
87	Sasankha Sekhar Mondal	Math Muhmolla	Male
125 no. farmers of Mallickpur and Diara			
88	Manirul Molla	Mallickpur, Murshidabad	Male
89	Samir Chand	Diyara, Murshidabad	Male
90	Mafuj Hossain	Mallickpur, Murshidabad	Male
91	Hasimul Sk	Mallickpur, Murshidabad	Male
92	Ramjan Sk	Mallickpur, Murshidabad	Male
93	Rabiul Molla	Mallickpur, Murshidabad	Male
94	Abdul Ohab	Mallickpur, Murshidabad	Male
95	Tutu Sk.	Mallickpur, Murshidabad	Male
96	Asgar Sk.	Mallickpur, Murshidabad	Male
97	Mumkir Molla	Mallickpur, Murshidabad	Male
98	Jansad Sk.	Mallickpur, Murshidabad	Male
99	Sstar SK.	Mallickpur, Murshidabad	Male
100	Minarul Sk.	Mallickpur, Murshidabad	Male
101	Rup Chand Mollick	Mallickpur, Murshidabad	Male
102	Jasimuddin Sk.	Mallickpur, Murshidabad	Male
103	Rajesh Sk.	Mallickpur, Murshidabad	Male
104	Mojakkar Hossain	Mallickpur, Murshidabad	Male
105	Fajle Rahaman Mondal	Mallickpur, Murshidabad	Male
106	Imamul Sk.	Mallickpur, Murshidabad	Male
107	Enamul Sk	Mallickpur, Murshidabad	Male
108	Jakkar Sk.	Mallickpur, Murshidabad	Male
109	Bapan Sk.	Mallickpur, Murshidabad	Male
110	Raju Sk.	Mallickpur, Murshidabad	Male
111	Dulal Sk.	Mallickpur, Murshidabad	Male
112	Kashiruddin Sk.	Mallickpur, Murshidabad	Male
113	Siraj Molla	Mallickpur, Murshidabad	Male
114	Sadik Sk.	Mallickpur, Murshidabad	Male
115	Rahamat Sk	Mallickpur, Murshidabad	Male
116	Basir Sk.	Mallickpur, Murshidabad	Male
117	Urmat Sk.	Mallickpur, Murshidabad	Male
118	Kaimuddin Sk.	Mallickpur, Murshidabad	Male
119	Sadai Saha	Mallickpur, Murshidabad	Male
120	Minsarul Molla	Mallickpur, Murshidabad	Male
121	Sufal Molla	Mallickpur, Murshidabad	Male
122	Musahaq Sk.	Mallickpur, Murshidabad	Male
123	Chamatkar Sk.	Mallickpur, Murshidabad	Male
124	Anisur Rahaman	Mallickpur, Murshidabad	Male
125	Rabiul Molla	Mallickpur, Murshidabad	Male
126	Chattu Sk.	Mallickpur, Murshidabad	Male
127	Mahidul Molla	Mallickpur, Murshidabad	Male
128	Nayan sk.	Mallickpur, Murshidabad	Male
129	Akhiba Bibi	Mallickpur, Murshidabad	Female
130	Ruena Bibi	Mallickpur, Murshidabad	Female
131	Batasi Bibi	Mallickpur, Murshidabad	Female
132	Fulmari Bibi	Mallickpur, Murshidabad	Female
133	Asmani Bibi	Mallickpur, Murshidabad	Female
134	Selima Bewa	Mallickpur, Murshidabad	Female

135	Filmira Bibi	Mallickpur, Murshidabad	Female
136	Sabina Bibi	Mallickpur, Murshidabad	Female
137	Asma Sultrana	Mallickpur, Murshidabad	Female
138	Khusiba Khatun	Mallickpur, Murshidabad	Female
140	Susmita Khatun	Mallickpur, Murshidabad	Female
141	Sarina Bibi	Mallickpur, Murshidabad	Female
142	Aleya Bibi	Mallickpur, Murshidabad	Female
143	Manjera Bibi	Mallickpur, Murshidabad	Female
144	Jalal Sk.	Mallickpur, Murshidabad	Male
145	Asira Bibi	Mallickpur, Murshidabad	Female
146	Jelekha Bibi	Mallickpur, Murshidabad	Female
147	Akkel Ali	Mallickpur, Murshidabad	Male
148	Chamatkar Sk	Mallickpur, Murshidabad	Male
149	Milan Sk	Mallickpur, Murshidabad	Male
150	Saheb Sk	Mallickpur, Murshidabad	Male
151	Tinku Sk	Mallickpur, Murshidabad	Male
152	Sameya Khatun	Mallickpur, Murshidabad	Female
153	Samija Khatun	Mallickpur, Murshidabad	Female
154	Urmila Bibi	Mallickpur, Murshidabad	Female
155	Jhilik Khatun	Mallickpur, Murshidabad	Female
156	Nasiruddin Sk.	Mallickpur, Murshidabad	Male
157	Hasirul Khatun	Mallickpur, Murshidabad	Female
158	Sabina Bibi	Mallickpur, Murshidabad	Female
159	Noorjahan Bibi	Mallickpur, Murshidabad	Female
160	Sunala Bibi	Mallickpur, Murshidabad	Female
161	Pakhi Khatun	Mallickpur, Murshidabad	Female
162	Halida Bibi	Mallickpur, Murshidabad	Female
163	Rajifun Bibi	Mallickpur, Murshidabad	Female
164	Rebika Khatun	Mallickpur, Murshidabad	Female
165	Rekha Bibi	Mallickpur, Murshidabad	Female
166	Esratun Bibi	Mallickpur, Murshidabad	Female
167	Osila Bibi	Mallickpur, Murshidabad	Female
168	Billi Bibi	Mallickpur, Murshidabad	Female
169	Nektun Bibi	Mallickpur, Murshidabad	Female
170	Nauma Bibi	Mallickpur, Murshidabad	Female
171	Tunjina Khatun	Mallickpur, Murshidabad	Female
172	Angura Bibi	Mallickpur, Murshidabad	Female
173	Rashida Bibi	Mallickpur, Murshidabad	Female
174	Khurshed Sk.	Mallickpur, Murshidabad	Male
175	Najmehetulla Sk.	Mallickpur, Murshidabad	Male
176	Sarif Molla	Mallickpur, Murshidabad	Male
177	Nasira Khatun	Mallickpur, Murshidabad	Female
178	Matina Bibi	Mallickpur, Murshidabad	Female
179	Rijia Bibi	Mallickpur, Murshidabad	Female
180	Mehabub Mondal	Mallickpur, Murshidabad	Male
181	Manirul Islam	Mallickpur, Murshidabad	Male
182	Enamul Sk.	Mallickpur, Murshidabad	Male
183	Alam Molla	Mallickpur, Murshidabad	Male
184	Mahajar Ali	Mallickpur, Murshidabad	Male
185	Rajesh Molla	Mallickpur, Murshidabad	Male
186	Amir Chand Sk	Mallickpur, Murshidabad	Male
187	Faizul Molla	Mallickpur, Murshidabad	Male
188	Morjem Sk.	Mallickpur, Murshidabad	Male
189	Jarman Sk	Mallickpur, Murshidabad	Male
190	Habib Bibi	Mallickpur, Murshidabad	Female
191	Purnima Khatun	Mallickpur, Murshidabad	Female
192	Eskandar Sk	Mallickpur, Murshidabad	Male

193	Manirul Sk	Mallickpur, Murshidabad	Male
194	Nagri Bibi	Mallickpur, Murshidabad	Female
195	Farida Khatun	Mallickpur, Murshidabad	Female
196	Tofejul Sk	Mallickpur, Murshidabad	Male
197	Mithu Sk	Mallickpur, Murshidabad	Male
198	Bakjaruddin Sk	Mallickpur, Murshidabad	Male
199	Ajim	Diyara, Murshidabad	Male
200	Khayer molla	Diyara, Murshidabad	Male
201	Jarman Sk	Diyara, Murshidabad	Male
202	Chand Sk	Diyara, Murshidabad	Male
203	Pes Mahammad Sk	Diyara, Murshidabad	Male
204	Sattar Sk	Diyara, Murshidabad	Male
205	Bifal Sk	Diyara, Murshidabad	Male
206	Amirul	Diyara, Murshidabad	Male
207	Mhurshid Sk.	Diyara, Murshidabad	Male
208	Rajesh Molla	Diyara, Murshidabad	Male
209	Pintu Sk	Diyara, Murshidabad	Male
210	Hassan aLI	Diyara, Murshidabad	Male
211	Tipul Sk	Diyara, Murshidabad	Male
212	Meherul Molla	Diyara, Murshidabad	Male

During 2 <sup>nd</sup> Qtr. : 484 Nos.			
Sl. No.	Name of the technology	Name of the place	Number of farmers
1.	Popularization of thiamethoxam	CSR&TI, Berhampore	200
2.	Popularization of botanical	REC, Mothabari	50
3.	Popularization of yellow sticky trap	CSR&TI, Berhampore	50
4.	Application of sulphur	CSR&TI, Berhampore	159
5.	Application of sulphur	REC, Mothabari	25
<b>Total=</b>	<b>484</b>		

During 3<sup>rd</sup> Qtr. : 3137 Nos.

Sl. No.	Name of the place	Number of farmers
1	RSRS, Kalimpong	35
2.	RSRS, Koraput	15
3.	RSRS, Ranchi	15
4.	RSRS, Jorhat	35
5.	REC, Kamnagar	200
6.	REC, Mothabari	250
7.	REC, MPRaj	25
8	REC, Rangpo	15
9.	REC, Imphal	25
10.	REC, Aizwal	100
11.	REC, Shillong	25
12.	REC, Mangaldoi	50
13	REC, Dimapur	36
14	REC, Agartala	30
<b>Total=</b>		<b>856 Nos.</b>
1	CPP-Cluster - Mushidabad	1024
2	CPP-Cluster - Malda	452
3	CPP-Cluster - Nadia	593
4	CPP-Cluster - Birbhum	212
<b>Total=</b>		<b>2281 Nos.</b>
<b>Grand Total=</b>		<b>3137 Nos.</b>

**During 4<sup>th</sup> Quarter: 194 Nos.**

Sl. No.	Name of the technology	Name of the Unit	No. of farmers covered
1.	Application of sulphur	CSR&TI, Berhampore	159
2.	Application of sulphur	REC, Mothabari	25
3.	Application of sulphur	REC, Kamnagar	10
<b>Total=</b>			<b>194</b>

## **ANNEXURE-XXX**

### **4. Field level Interventions for Quality and productivity Improvement through Information, Education and Communication and Capacity Building**

#### **4.12. Extension communication programmes viz., Group discussion, Awareness programme, Field days, Krishi Melas etc.**

**Success indicator – i: No of programmes conducted: Upto 4<sup>th</sup> Qtr.: 273 Nos.**

<b>During 1<sup>st</sup> Qtr.: 22 Nos.</b>		
Sl. No.	Name of the programme	No. of programmes
1	Awareness programme	05
2	Audio visual Programme	01
3	Field Day	02
4	Exhibition	01
5	TTP	03
6	Group Discussion	03
7	FTP	06
8	Technology Demonstration	01
<b>Total=</b>		<b>22 Nos.</b>
<b>During 2<sup>nd</sup> Qtr.: 103 Nos.</b>		
1	Awareness programme	12
2	Audio visual Programme	08
3	Field Day	09
4	Exhibition	07
5	TTP	-
6	Group Discussion	22
7	FTP	13
8	Technology Demonstration	08
9	FFS	27
<b>Total=</b>		<b>106 Nos.</b>
<b>During 3<sup>rd</sup> Qtr.: 91 Nos.</b>		
1	Awareness programme	12
2	Audio visual Programme	08
3	Field Day	09
4	Exhibition	07
5	TTP	-
6	Group Discussion	12
7	FTP	13
8	Technology Demonstration	08
9	FFS	22
<b>Total=</b>		<b>91 Nos.</b>
<b>During 4<sup>th</sup> Qtr.: 236 Nos.</b>		
1	Awareness programme	7



2	Audio visual Programme	4
3	Field Day	8
4	Exhibition	10
5	Group Discussion	4
6	Technology Demonstration	5
7.	Seminar/Workshop	4
8	RKM / Mini RKM	12
<b>Total=</b>		<b>54 Nos.</b>

## ANNEXURE–XXXI

### 4. Field level Interventions for Quality and productivity Improvement through Information, Education and Communication and Capacity Building

#### 4.12. Extension communication programmes viz., Group discussion, Awareness programme, Field days, Krishi Melas etc.

Success indicator – ii: No of farmers covered: 16692 Nos. (Upto 4<sup>th</sup> Qtr.)

<b>During 1<sup>st</sup> Qtr. : 993 Nos.</b>		
<b>Sl. No.</b>	<b>Name of the programme</b>	<b>No.of participants</b>
1	Awareness programme	206
2	Audio visual Programme	41
3	Field Day	73
4	Exhibition	36
5	TTP	87
6	Group Discussion	114
7	FTP	238
8	Technology Demonstration	30
<b>Total=</b>		<b>993</b>
<b>During 2<sup>nd</sup> Qtr. : 4567 Nos.</b>		
1	Awareness programme	672
2	Audio visual Programme	373
3	Field Day	434
4	Exhibition	1053
5	TTP	-
6	Group Discussion	715
7	FTP	266
8	Technology Demonstration	387
9.	FFS	667
<b>Total=</b>		<b>4567</b>
<b>During 3<sup>rd</sup> Qtr. : 4433 Nos.</b>		
1	Awareness programme	542
2	Audio visual Programme	373
3	Field Day	404
4	Exhibition	1053
5	TTP	-
6	Group Discussion	516
7	FTP	266
8	Technology Demonstration	387
9.	FFS	528
<b>Total=</b>		<b>4069</b>
<b>During 4<sup>th</sup> Qtr. : 7063 Nos.</b>		

1	Awareness programme	630
2	Audio visual Programme	165
3	Field Day	410
4	Exhibition	900
5	Group Discussion	150
6	Technology Demonstration	251
7	Seminar/Workshop	357
8	RKM / Mini RKM	4200
<b>TOTAL=</b>		<b>7063</b>

## ANNEXURE–XXXII

### 4. Field level Interventions for Quality and productivity Improvement through Information, Education and Communication and Capacity Building

#### 4.12. Extension communication programmes viz., Group discussion, Awareness programme, Field days, Krishi Melas etc.

Success indicator – iii: Post programme follow up: 98%

## ANNEXURE–XXXIII

### 4. Field level Interventions for Quality and productivity Improvement through Information, Education and Communication and Capacity Building

#### 4.12. Extension communication programmes viz., Group discussion, Awareness programme, Field days, Krishi Melas etc.

Success indicator – iv: Participation in Radio Programm : Target achieved.

Upto 4<sup>th</sup> Qtr.: 13 Nos.

Sl. No.	Topic	Name of the Scientist, Designation & Division/Section	Date of presentation
1.	Introductory lecture s Mulberry Sericulture & Technologies Developed gymnast therefore, Berhmpore, Its prospects.	Dr. (Mrs.) Kanika Trivedi, Director, CSR&TI, Berhmpore	14.07.2016
2.	Disinfection of rearing room and appliances and different diseases & pests of silkworm.	Dr.Satadal Chakravorty, Sci- C, Silkworm Pathology Section	21.07.2016
3.	Importance of soil testing.	Dr.Ranjit Kar, Sc D, Soil Science & Chemistry Section	28.07.2016

4.	Major four pests' infestation in mulberry and its control measures.	Mr.Debojit Das,Sc D, Entomology Section	04.08.2016
5.	Kisan Nursery.	Dr.(Mrs.)Rita Banerjee, Sci -D, MBG	11.08.2016
6.	Major diseases of mulberry plants and its' control.	Dr.Sandip Kumar Dutta,Sci- D, Mulberry Pathology Section	18.08.2016
7.	Method of Soil sampling	Dr.Ranjit Kar,Sci- D,Soil Science & Chemistry Section	25.08.2016
8.	Different season and region-specific breeds and hybrids.	Dr.A.K.Verma,Sc D,SBG	01.09.2016
9.	Incubation of Dfls and chawki rearing	Dr.A.K.Verma,Sc D,SBG	08.09.2016
10.	Vermicompost	Dr.(Mrs.)Monika Chowdhury,Sc-D,	15.09.2016
11.	Different varieties of mulberry plants, region specific mulberry varieties, package of practices of mulberry cultivation, utilization of fertilizers in mulberry field, irrigation.	Dr.(Mrs.) Rita Banerjee, Sci- D, MBG	22.09.2016
<b>During 4<sup>th</sup> Qtr.- 2 Nos.</b>			
12.	Prospect of Sericulture in Mizoram	Dr. B.N.Chaudhury, Sci-D, REC, Aizwal	17.01.2017
13.	Bv- Sericulture rearing Technology	Dr. B.N.Chaudhury, Sci-D, REC, Aizwal	17.01.2017

### ANNEXURE–XXXIV

#### 4. Field level Interventions for Quality and productivity Improvement through Information, Education and Communication and Capacity Building

##### 4.12. Extension communication programmes viz., Group discussion, Awareness programme, Field days, Krishi Melas etc.

Success indicator – v: Participation in TV Programm: 12 Nos.

During 4<sup>th</sup> Qtr.

Sl. No.	Topic	Name of the Scientist, Designation & Division/Section	Date of presentation
1.	Chawki rearing Technology	Dr. B.N.Chaudhury, Sci-D, REC, Aizwal	17.01.2017
2.	On various issues	Scientists of the institute & its nested units	-

### ANNEXURE–XXXV

#### 4. Field level Interventions for Quality and productivity Improvement through Information, Education and Communication and Capacity Building

##### 4.12. Extension communication programmes viz., Group discussion, Awareness programme, Field days, Krishi Melas etc.

Success indicator – vi: No of Seri Tourism corridor developed: Proposal prepared and development of STC under progress.

## ANNEXURE–XXXVI

### 4. Field level Interventions for Quality and productivity Improvement through Information, Education and Communication and Capacity Building

#### 4.13. Skill Development:

**Success indicator – i: Beneficiaries trained under structured programmes, need based programme etc.: (Upto 4<sup>th</sup> qtr.: 1738 Nos.)**

**(During 1<sup>st</sup> Qtr.-75 Nos.)**

**A.Name of training programme: Farmers Skill Training: 44 Nos.**

**Chawki Rearing: 8 Nos**

**Late Age Rearing: 20 Nos.**

**Integrated Disease & Pest Management: 16 Nos**

➤ **Chawki Rearing Training Programme w.e.f. 02.06.16 – 11.06.16**

#	NAME	Gender	Category
1.	Anisur Rahman	Male	OBC
2.	Alimuddin Sk	Male	OBC
3.	Nirmal Mondal	Male	SC
4.	Rejaul Sk	Male	GEN
5.	Karamulla	Male	GEN
6.	Sirajuddin Sk	Male	OBC
7.	Pradyut Mondal	Male	SC
8.	Humayun Kabir	Male	OBC

➤ **Late Age Rearing Training Programmew.e.f. 13.06.16 – 22.06.16**

#	NAME	Gender	Category
1	Tanjima Khatun -Bhikhari ajitola,Malda	Female	GEN
2	Jemima Akhtari –Bahadurpur,Malda	Female	OBC
3	Asit Mondal - Kalachandtola,Malda	Male	GEN
4	Kashmira Khatun - Do	Female	GEN
5	Manojit Mondal -Nakatipara,Birbhum	Male	SC
6	Biman Kr Mondal -Dakshinpara,Balaspur,Msd	Male	SC
7	Suman Mondal –Balashpur,Msd	Male	SC
8	Alamgir Sk – Sahabnagar,Msd	Male	OBC
9	Khairatulla Sk - Do	Male	GEN
10	Asraful Sk -Tablabari,Msd	Male	GEN
11	Jhantu Mondal -Kalachandtola,Malda	Male	GEN
12	Joy Mondal -Do	Male	GEN
13	Krishna Das Bairagya –Harekrishnapur,Nadia	Male	GEN
14	Pinki Bhowmick - Do	Female	GEN
15	Mallika Mondal - Do	Female	SC
16	Rakhi Biswas -Do	Female	SC
17	Bachhu Sk -Tablabari,Msd	Male	GEN
18	Tajirul Islam -Derul,Msd	Male	OBC
19	Babu Sona Roy -Tailapara,Birbhum	Male	SC
20	Pranab Mondal – Do -	Male	SC



Trainees attending mulberry leaf feeding at RTI rearing room



Scientist & technical staff of Entomology Lab giving some demonstration

➤ **Integrated Disease & Pest Management Training Programme w.e.f. 14.06.16 – 18.06.16**

#	NAME	Gender	Category
1	Kased Ali -Bhikhari Hajitola,Malda	Male	OBC
2	Md. Mohiuddin –Debipur Diara,Malda	Male	GEN
3	Nasima Khatun –Bhikhari Hajitola,Malda	Female	GEN
4	Md. Sahidur Rahman-Dakshin Munshitola, Malda	Male	OBC
5	Srikar Mondal –Alamtola,Malda	Male	SC
6	Brajendra Nath Mondal - Do	Male	SC
7	Gourhari Mondal -Nakatipara,Birbhum	Male	SC
8	Srihari Mondal –Tailapara,Birbhum	Male	SC
9	Ramkrishna Mondal -Do	Male	SC
10	Basudev Marjit –Poradanga,Msd	Male	SC
11	Aurangajeb Sk - Do	Male	GEN
12	Rahul Sk –Pipulkhola,Nadia	Male	GEN
13	Sohail Mondal-Do	Male	GEN
14	Atikur Biswas-Do	Male	GEN
15	Mursalim Sk-Kelai,Msd	Male	OBC
16	Tousik Sk –Dhanigram,Msd	Male	GEN



Trainees attending SW disease identification at SW Patho. Lab



Trainees attending theoretical class on Integr. Mgmt. of mulberry Pests

**B. Name of training programme: Need Based Training Prog.: 31 Nos. (During 1<sup>st</sup> Qtr.)**

**Orientation programme for newly recruited scientists w.e.f. 04.04.16 – 15.04.16**

#	NAME	Gender	Category
1.	Anil Pappachan	Male	OBC
2.	Pooja Makwana	Female	OBC
3.	Raghavendra, K V	Male	SC
4.	Rahul, K	Male	SC
5.	Suresh,K	Male	OBC
6.	Chandrakanth,N	Male	Gen
7.	Shafi Afroz	Male	Gen
➤ Intensive Training Programme on “Mulberry Sericulture” for JEEVIKA officials from Bihar, under MKSDP from 01.06.16 to 10.06.16			
8.	Randhir Kumar	Male	GEN
9.	Kaushal Kishor	Male	OBC
10.	Amit Kumar Jha	Male	GEN
11.	Manikesh Kumar	Male	SC

12.	Sailendra Kr Pankaj	Male	OBC
13.	Deepak Kumar	Male	GEN
14.	Alok Kumar	Male	OBC
15.	Awdhesh Kumar	Male	OBC
16.	Amit Kumar	Male	OBC
17.	Madhwanand Jha	Male	GEN
18.	Manoj Kr. Singh	Male	GEN
19.	Ramesh Kr. Mandal	Male	GEN
20.	Rahul Kumar	Male	GEN
21.	Suman Kumar	Male	GEN
22.	Navneet Kumar	Male	OBC
23.	Avinash Kumar	Male	GEN
24.	Shyam Sunder	Male	SC
25.	Priyaranjan Kr	Male	OBC
26.	Laljeet Prasad Shaw	Male	OBC
27.	Binay Kr	Male	OBC
28.	Mamta Kumari	Female	OBC
29.	Ganesh Kr. Gunjan	Male	SC
30.	Pramod Sharma	Male	SC
31.	Anand Kr. Ray	Male	OBC



**Success indicator – i: Beneficiaries trained under structured programmes, need based programme etc.: 248 Nos. (During 2<sup>nd</sup> Qtr.)**

**Integrated Disease & Pest Management: 65 Nos**

**Chawki Rearing: 18 Nos**

**Late Age Rearing: 0 Nos.**

**Mulberry Cultivation: 38**

➤ **Integrated Disease & Pest Management Training Programme w.e.f. 27.06.16- 01.07.16 (25)**

Sl. No.	NAME	Gender	Category
1	Manoranjana Mondal	Male	SC
2	Utpal Mondal	Male	SC
3	Md. Saluddin	male	GEN
4	Abhiram Sarkar	Male	SC
5	Paban Mondal	Male	SC
6	Ajoy Kumar Mondal	Male	SC
7	Partha Das	Male	SC
8	Dilwar Hossain	Male	Gen
9	Prabir Bhattacharya	Male	Gen
10	Asit Biswas	Male	Gen
11	Swapan Mondal	Male	GEN
12	Manimala Mondal	Female	SC
13	Pramila Mondal	Female	SC
14	Sulekha Mondal	Female	SC
15	Susmita Mondal	Female	SC
16	Aparna Mondal	Female	SC

17	Rafiqul Islam	Male	OBC
18	Bilal Hossain Biswas	Male	Gen
19	Biman Kumar Mondal	Male	SC
20	Chittyanjan Mondal	Male	SC
21	Balaram Mondal	Male	SC
22	Shukru Mondal	Male	SC
23	Sariful Biswas	Male	Gen
24	Lalbahadur Mondal	Male	SC
25	Puspen Mondal	Male	SC



Trainees attending SW disease classes

Trainees attending theoretical class on Integr. Mgmt. of mulberry Pests

➤ **Integrated Disease & Pest Management Training Programme w.e.f. 11.07.16- 15.07.16 (20)**

Sl. No	NAME	Gender	Category
1	Jakkar Ali	Male	Gen
2	Kusum Ali	Male	GEN
3	Alamin Seikh	male	OBC
4	Ganirul Seikh	Male	GEN
5	Amanul Haque Mondal	Male	GEN
6	Maidul Islam Molla	Male	SC
7	Rahul Kumar Singh	Male	SC
8	Santosh Kumar Singh	Male	SC
9	Manoj Kumar Singh	Male	SC
10	Bharat Kumar Singh	Male	SC
11	Kajal Singh	Male	SC
12	Hari Narayan Sah	Male	SC
13	Purnima Singh	Female	SC
14	Radha Devi	Female	SC
15	Sahal Biswas	Male	GEN
16	Bablu Mondal	Male	GEN
17	Rahima Khatun	Female	GEN
18	Mamani Parvin	Female	GEN
19	Jamia Khatun	Female	GEN
20	Riyajun Nesha	Female	GEN



Trainees attending SW disease identification at SW Patho. Lab

Trainees attending practical class on Reeling of Silkworm cocoons

➤ **Integrated Disease & Pest Management Training Programme w.e.f. 25.07.16- 29.07.16 (20)**

Sl. No.	NAME	Gender	Category
1	Shyamal Ranjan Barman	Male	SC
2	Harisankar Barman	Male	SC
3	Mantu Barman	Male	SC
4	Shubhas Chandra Barman	Male	SC
5	Dharma Das Malik	Male	SC
6	Raju Rana	Male	SC
7	Sk Saheb	Male	OBC
8	Krishna Karmakar	Male	Gen
9	Abhinath Oraaon	Male	ST
10	Bandhu Ekka	Male	ST
11	Sumiram Munda	Male	ST
12	Suleman Ali	Male	GEN
13	Mohammad Taher	Male	GEN
14	Ikbal Hossain	Male	GEN
15	Uttam Das	Male	OBC
16	Dhiraj Sarkar	Male	SC
17	Chhana Sarkar	Male	SC
18	Prasenjit Basuli	Male	Gen
19	Saibur Rahaman Kotal	Male	OBC
20	Altaf Hossain Khan	Male	Gen




Trainees attending Mulberry pest class at Training Division

Trainees attending theoretical class on Integr. Mgmt. of Silkworm diseases

➤ **Chawki Rearing Training Programme w.e.f. 01.08.16- 10.08.16 (18)**

#	NAME	Gender	Category
1	Maruf Islam	Male	Gen
2	Guljar Alam	Male	Gen
3	Amjad Ali	Male	Gen
4	Akimul Islam	Male	GEN
5	Rintu Ali	Male	GEN
6	Nur Alam Seikh	Male	OBC
7	Pranbandhu Mondal	Male	SC
8	Snjiv Panja	Male	Gen
9	Sunil Das	Male	Gen
10	Safikul Mondal	Male	Gen
11	Nur Habibur Rahaman	Male	Gen
12	Sahajahan Seikh	Male	OBC
13	Nur Mahamad Ali	Male	Gen
14	Rabbakul Islam	Male	OBC
15	Jasimuddin Sk.	Male	Gen
16	Miluk Sk	Male	OBC
17	Biren Kumar Roy	Male	SC
18	Paresh Mondal	Male	SC





Trainees attending Silkworm Breeding and genetics class at Training Division

Trainees are attending the practical class on Chawki Rearing

### Mulberry Cultivation Training Programme w.e.f. 16.08.16- 20.08.16 (18)

Sl. No.	NAME	Gender	Category
1	Kanu Mondal	Male	SC
2	Atish Kumar Auddya	Male	Gen
3	Subhash Ghose	Male	Gen
4	Tarapada Dey	Male	Gen
5	Ramjan Mondal	Male	Gen
6	Najrul Islam Mondal	Male	Gen
7	Riyajuddin Molla	Male	OBC
8	Abdulla al Mamun	Male	Gen
9	Bivas Mondal	Male	Gen
10	Belal Hossain	Male	Gen
11	Md. Abu Tayab Hossain	Male	Gen
12	Md. Saidul Islam	Male	OBC
13	Ramkrishna Modak	Male	OBC
14	Biplab M Odak	Male	OBC
15	Manoj Modak	Male	OBC
16	Kishor Kumar Mondal	Male	Gen
17	Papai Mondal	Male	Gen
18	Ganesh Mondal	Male	Gen




Trainees attending class on Mulberry Cultivation



Scientist of the Institute is taking class

### Mulberry Cultivation Training Programme w.e.f. 05.09.16- 09.09.16 (20)

Sl. No.	NAME	Gender	Category
1	Srikanta Mondal	Male	SC
2	Surajit Mondal	Male	SC
3	Masarul Mondal	Male	OBC
4	Saha Alam Mondal	Male	OBC
5	Ajoy Kumar Mndal	Male	SC
6	Premchand Mondal	Male	SC
7	Injamum Haque	Male	Gen
8	Rajabul Mondal	Male	Gen
9	Manindranath Mondal	Male	SC
10	Md Samim Ali	Male	Gen
11	Rakesh Mondal	Male	Gen
12	Lutful Haque	Male	Gen
13	Tumpa Mondal	Female	Gen

14	Reba Mondal	Female	Gen
15	Ripan Sk	Male	OBC
16	Niharuddin Sk	Male	OBC
17	Nur Islam Sk	Male	Gen
18	Nur Hossain Biswas	Male	Gen
19	Sujit Bapari	Male	SC
20	Gonesh Mondal	Male	SC
			
Trainees are attending class on Vermicompost			

#### 4.1.2 Name of training programme: Technology Orientation Programme: NIL

#### 4.1.3 Need Based Training Prog.: 127 Nos.

##### ➤ Orientation Training programme for newly recruited FA w.e.f. 01.07.16- 06.07.16 (1)

#	NAME	Gender	Category
32.	Biplab Pramanick	Male	SC

##### ➤ Training on digitization of soil health records and biometric attendance machine on 18.07.16

#	NAME	Gender	Category
1.	Dr A Boroh	Male	Gen
2.	Dr G. B. Singh	Male	Gen
3.	Dr G S Singh	Male	Gen
4.	B.N. Chowdhuri	Male	OBC
5.	Dr C.Z. Renthlei	Male	ST
6.	B. K Basumatari	Male	ST
7.	L Somen Singh	Male	Gen
8.	Satyabrata Dey	Male	Gen
9.	Sekharesh Mukherjee	Male	Gen
10.	Kajal Kr Roy	Male	Gen
11.	Sunil Kr Mishra	Male	Gen
12.	Dr M Alam	Male	OBC
13.	Dr T Dutta Biswas	Fe	Gen
14.	Mrs M Pomehjan	Fe	ST
15.	Mr Uttam Ch Barua	Male	OBC
16.	Sri Sudeb Chatterjee	Male	Gen
17.	Mr Shafi Afroz	Male	Gen
18.	Anil Papachhan	Male	Gen
19.	Dr V Vijay	Male	OBC
20.	Dr R Mahesh	Male	OBC
21.	Sri Bimal Chowdhri	Male	OBC
22.	Sri S. T. Lepcha	Male	ST
23.	Dr Dipes Pandit	Male	Gen
24.	Sri Gopal Ch Das	Male	SC
25.	Pulak Mukhopadhaya	Male	Gen
26.	Dr S Roychowdhuri	Male	Gen



Training on Digitization of Soil Health Card Scheme and Biometric Attendance machine

➤ **Intensive Training Programme on “Mulberry Sericulture” for JEEVIKA farmers from Bihar, under MKSDP from 25.07.16- 23.07.16 (19)**

#	NAME	Gender	Category
1.	Md MustaqueAli	Male	Gen
2.	Md. Safiquil Haque	Male	OBC
3.	Nitish Kumar	Male	SC
4.	Bipin Kumar Jadav	Male	OBC
5.	Anil Kumar	Male	OBC
6.	Manjeet Kumar Ranjeet	Male	OBC
7.	Abhinandan Kumar rajak	Male	SC
8.	Aditya Kr Bharati	Male	OBC
9.	Rajesh Kr (Guide)	Male	OBC
10.	Dukhi Sah	Male	OBC
11.	Ganesh Kumar	Male	OBC
12.	Dhananjoy Kumar	Male	OBC
13.	Niraj Kumar	Male	OBC
14.	Pankaj Kumar	Male	OBC
15.	Harae Ram Bharati	Male	OBC
16.	Pravesh Kumar Nirmal	Male	OBC
17.	Kuberlal Biswas	Male	OBC
18.	Ratnesh Kumar	Male	OBC
19.	Pintu Kumar	Male	SC
20.	Sambhu Lal Mondal	Male	OBC



JEEVIKA trainees are attending class on Mulberry Sericulture



JEEVIKA farmers are attending class on Silkworm Breeding Genetics

➤ **Training Programme on Mother Moth Testing of silkworm to the officials of DOT (Seri) on 22.08.16 to 23.08.16 (46)**

#	Name	Gender
1	Ashok Kumar mondal	Male
2	Paritosh Saha	Male
3	Champak Roy	Male
4	Srijan Kumar Mndal	Male
5	Sayed Sadrul Hossain	Male
6	Somnath das	Male
7	Puspita Ranjan Ghosh	Male
8	Sanjit Kr Roy	Male
9	Saumendu Mukherjee	Male
10	Satchidananda Ghsh	Male
11	Daud Hazda	Male
12	Shashwata Bhattyacharya	Male
13	Anil Kumar Dey	Male

14	Sanatan Mallik	Male
15	Sadul Patua	Male
16	Utpal dasgupta	Male
17	Anukul Bagdi	Male
18	Sudip Kr das	Male
19	Mihir kr. Das	Male
20	Sumit Kumr Nayak	Male
21	Biswa basu Bagchi	Male
22	Benoy Kr Mondal	Male
23	Santosh Kr Pramanik	Male
24	Sirazuddin Khan	Male
25	Md Tamizuddin	Male
26	Dr Tapan Kr Mukherjee	Male
27	Uttam Kr Horra	Male
28	Biplab Kr sarkar	Male
29	Prabir Kr Paul	Male
30	Dilip Kr Roy	Male
31	Sandip Hazra	Male
32	Ramkrishna Acharya	Male
33	Smiriti Hawk	Female
34	Mukta Ghosh	Female
35	Bhabani Samanta	Male
36	Saroj Chakraborty	Male
37	Prasanta Kr. Mondal	Male
38	Aninda Modak	Male
39	Dilip Kr Roy	Male
40	Utpal Dasgupta	Male
41	Md Asaf Ali	Male
42	Swaan Kumar Mallik	Male
43	Puspita Ranja Ghosh	Male
44	Ramkrishna Acharya	Male
45	Sukumar Bagdi	Male
46	Bipad Halder	Male

➤ Training Programme on Mother Moth Testing of silkworm to the RSPs of DOT (Seri) on 07.09.16 to 08.09.16 (35)

1	Name	Gender
2	Sandip Hazra	Male
3	Sanatan Mallik	Male
4	Abdus Salam	Male
5	Prasanta Mondal	Male
6	Nimai Mondal	Male
7	Parikshit Mondal	Male
8	Basanta Mondal	Male
9	Nitya ranjan Pal	Male
10	Enamul Haque	Male
11	Nisit Kr Let	Male
12	Tarun Kr Mondal	Male
13	Janmenjay mondal	Male
14	Sachhidananda Mondal	Male
15	Lakshaman Mondal	Male
16	Manomohan Mndal	Male
17	Nikhil Kr Mondal	Male
18	Abbasuddin	Male
19	Bhriguram Mondal	Male
20	Aditya Mondal	Male

21	Parbati Mondal	Male
22	Basudeb Mondal	Male
23	Md Israful Haque	Male
24	Ramkrishna Mondal	Male
25	Sushanta Biswas	Male
26	Rajendra Mondal	Male
27	Satyaban Mondal	Male
28	Abdus Salam	Male
29	Hridoy Let	Male
30	Shymal Let	Male
31	Bharat Mondal	Male
32	Amar Sarkar	Male
33	Mrityunjoy Pal	Male
34	Prasanta Mondal	Male
35	Biswaranjan Mondal	Male



Training on moth testing

**Success indicator- i. Beneficiaries trained under structured programmes, need based programme etc. During 3<sup>rd</sup> Qtr. : 290 Nos**

**1. Name of training programme: Farmers Skill Training: 84 Nos.**

**Integrated Disease & Pest Management: 0 Nos**

**Chawki Rearing: 50 Nos**

**Late Age Rearing: 16 Nos.**

**Mulberry Cultivation: 18**

**➤ Late age rearing w.e.f. 15.09.16 to 24.09.16 (16)**

Sl No.	NAME	Gender	Category
1	Abu Sufian	Male	Gen
2	Smt Jyotsna Samanta	Female	OBC
3	Smt Susama Konai	Female	SC
4	Sri Sukumar Dey	Male	Gen
5	Smt Sefali Konai	Female	SC
6	Smt Basanti Mondal	Female	SC
7	Sri Helunath Mondal	Male	SC
8	Sri Sanat Mondal	Male	Sc
9	Sri Dhiren Mondal	Male	Sc
10	Sri Sunil Mondal	Male	Sc
11	Smt Sufia Bibi	Female	GEN
12	Smt Naju Bibi	Female	Gen
13	Jelekha Bibi	Female	Gen
14	Smt Rasena Bibi	Female	Gen
15	Smt Mahapuja Bibi	Female	Gen
16	Smt Sanera Bibi	Female	Gen



	
Trainees attending SW disease classes	Trainees attending theoretical class on Integr. Mgmt. of mulberry Pests



➤ **Chawki Rearing Training Programme w.e.f. 17.10.16 – 26.10.16 (32)**

SI No	NAME	Gender	Category
1	Sri Samir Rana	Male	SC
2	Sri Nanimohan Mallik	Male	Gen
3	Sader Ali Bayen	Male	Gen
4	Kutubuddin Khan	Male	Gen
5	Samsuddin Sk	Male	Gen
6	Samed Ali Mallik	Male	Gen
7	Sri Bimal Ch. Burman	Male	SC
8	Sri Ruben Beck	Male	ST
9	Taher Ali	Male	Gen
10	Uzir Sk	Male	Gen
11	Imam Hossain	Male	Gen
12	Md Nekdar Sk	Male	Gen
13	Kamal Sk	Male	Gen
14	Saukat Ali	Male	Gen
15	Tamizuddin Sk	Male	OBC
16	Miss Suniti Sinha	Female	SC
17	Miss Parrita Kujur	Female	ST
18	Sri Prakash Burman	Male	SC
19	Sri Hitendara Burman	Male	SC
20	Ananta Ch Das	Male	SC
21	Sri Jitendra Nath Das	Male	SC
21	Giasuddin Sk	Male	OBC
23	Nur Mahammad Sk	Male	OBC
24	Sadekul Islam	Male	Gen
25	Kurdus Sk	Male	Gen
26	Smt Purnima Mondal	Female	SC
27	Sri Mantosh Deb Sharma	Male	SC
28	Kokatu Sarker	Male	SC
29	Sri Fanindra Nath Sarker	Male	SC
30	Sri Tapan Jana	Male	Gen
31	Ansar Ali Mondal	Male	OBC
32	Sri Dharendra Nath Roy	Male	SC

	
Trainees attending SW disease identification at SW Patho. Lab	Trainees attending theoretical class on Integr. Mgmt. of mulberry Pests

➤ **Chawki Rearing Training Programme for Orissa Farmers w.e.f. 21.11.- 30.11.16 (18)**

	NAME	Gender	Category
1	Sri Makar Gowda	Male	OBC
2	Sri Bivishan Kumbhar	Male	OBC
3	Sri Saroj Kr Behera	Male	OBC
4	Sri Surendra Gouda	Male	OBC
5	Sri Lakhidhar Jhodia	Male	OBC
6	Sri Jayadhan Gouda	Male	OBC
7	Sri Harish Ch. Gouda	Male	OBC
8	Rabindra Gowda	Male	OBC
9	Sri Bhanja Kishore Nayak	Male	ST
10	Sri Biranchi Nayay	Male	ST
11	Sri Kanucharan Dehury	Male	ST
12	Sri Jagannath Mohanta	Male	OBC
13	Dharanidhara Nayak	Male	ST
14	Sri Amar Pradhan	Male	ST
15	Sri Sunil Kumar Barik	Male	OBC
16	Sri Saumya Ranjan Prodhan	Male	ST
17	Sri Kuber Prodhan	Male	ST
18	Sri PadmaCharan Patnayak	Male	OBC






**Trainees are attending chawki rearing and feeding**

**Trainees are attending chawki rearing class**

➤ **Mulberry Cultivation Training of W.B. farmers w.e.f. 05.12.16- 09.12.16 (18)**

#	NAME	Gender	Category
1.	Md Anisur Rahman	Male	Gen
2.	Md Ajiruddin	Male	OBC
3.	MD Ainul Hoque	Male	OBC
4.	Parikul Islam	Male	Gen
5.	Nur Alam	Male	Gen
6.	Sri Sudhansu Mondal	Male	SC
7.	Sri Pranbandhu Mondal	Male	SC
8.	Sri Tanmoy Mondal	Male	SC
9.	Sri Biplab Mondal	Male	SC
10.	Sri Swarup Mondal	Male	SC
11.	Md Aijaddin Sekh	Male	Gen
12.	Md Khodabox	Male	Gen
13.	Abdul Dauhid Mondal	Male	Gen
14.	Rabbekul Sk	Male	Gen
15.	Mumtajuddin	Male	OBC
16.	Maserul Nadab	Male	OBC
17.	Samad Sk	Male	Gen
18.	Md Manjur Hossain	Male	Gen

	
<b>Trainees attending mulberry leaf feeding at RTI rearing room</b>	<b>Scientist &amp; technical staff of Entomology Lab giving some demonstration</b>

**1.2 Name of training programme: Technology Orientation Programme: NIL**

**1.3. Need Based Training Prog.: 206 Nos.**

**Mulberry Sericulture Training Programme to U.P. farmers w.e.f. 17.10- 19.10.16 (25)**

SI No	NAME	Gender	Category
1	Sri Jitendra Pal	Male	OBC
2	Sri Raju	Male	SC
3	Hadis Ali	Male	Gen
4	Mukesh Kumar Madheshiya	Male	OBC
5	Sunil Kr Gupta	Male	OBC
6	Sikandar Sahani	Male	OBC
7	Rahul Madeshiya	Male	OBC
8	Pappu Kumar Jadab	Male	OBC
9	Joy Goshwami	Male	OBC
10	Nabendra Kr. Prajapati	Male	OBC
11	Arjun Sahani	Male	OBC
12	Karan Singh	Male	OBC
13	Sonu Sahani	Male	OBC
14	Sangam Kumar	Male	SC
15	Suraj Kumar Bharti	Male	SC
16	Kasi Nath	Male	Gen
17	Brijesh Kr	Male	Sc
18	Ram darash Prasad	Male	OBC
19	Anil Kumar Bharati	Male	SC
20	Abdul Azad	Male	Gen
21	Jeeton	Male	SC
21	Kalpanath	Male	OBC
23	Anand Kumar	Male	OBC
24	Ram Abodh Pattel	Male	OBC
25	Chedi Singh	Male	OBC

➤ **Mulberry Sericulture Training Programme to BCKV students w.e.f. 03.11.16 – 05.11.16 (9)**

SI No	NAME	Gender	Category
1	Kausik Sana	Male	Gen
2	Rrik Chakroborty	Male	Gen
3	Arnab Kr Chand	Male	Gen
4	Partha Pan	Male	Gen
5	Rahit Kundu	Male	Gen
6	Rakesh Roy	Male	SC
7	Shimpy Sarker	Female	Gen
8	Suman Das	Male	Sc
9	Manoj Mondal	Male	Sc



	
<b>Trainees attended class on SBG</b>	<b>Training on Silkworm Seed Production</b>
	
<b>Training on mulberry cultivation</b>	<b>Trainees are awarded with certificate</b>

➤ **Mulberry Sericulture Training Programme to U.P. farmers w.e.f. 07.11.16 – 09.11.16 (25)**

SI No	NAME	Gender	Category
1	Swamynath	Male	OBC
2	Shanthu Kumar Karmakar	Male	OBC
3	Jawhar lal	Male	OBC
4	Ram Dhiraj Yadav	Male	OBC
5	Nan Bachcha	Male	OBC
6	Dukh Haran	Male	OBC
7	Saty Ram	Male	OBC
8	Bheem Sankar	Male	Gen
9	Sri ram Mory	Male	OBC
10	Ramakshvar	Male	OBC
11	Vijoy Pratap	Male	OBC
12	Rakshram	Male	SC
13	Vanshraj	Male	Sc
14	Bhera Prasad	Male	SC
15	Vanu Pratap	Male	OBC
16	Ram Ujagar	Male	OBC
17	Rajendra Prasad	Male	OBC
18	Satya Narayan	Male	SC
19	Sundar	Male	SC
20	Rajendra	Male	SC
21	Ramu	Male	SC
22	Musibat Ali	Male	OBC
23	Safil	Male	OBC
24	Gaurisankar	Male	OBC
25	Md Jarar	Male	OBC

	
<b>Practical class on Mulberry cultivation</b>	<b>Training on Mulberry plant protection</b>

**Mulberry Cultivation Training Programme For U.P Farmers w.e.f. 21.11- 23.11.16 (25)**

SI No.	NAME	Gender	Category
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1	Bhikhari	Male	OBC
2	Baldev Barma	Male	OBC
3	Swamynath	Male	SCSC
4	Ram Saujh	Male	OBC
5	Seshram Yadav	Male	SC
6	Ghanashyam	Male	OBC
7	Bhagawati Prasad	Male	OBC
8	Lal Bau Sonka	Male	OBC
9	Dukhharan	Male	OBC
10	Bansilal Yadav	Male	OBC
11	Sahaj Ram	Male	OBC
12	Umanath	Male	OBC
13	Moti ram	Male	OBC
14	Ram Naresh Burma	Male	OBC
15	Krisna Dev	Male	SC
16	Nanku Ram	Male	OBC
17	Birbal	Male	OBC
18	Madan lal	Male	OBC
19	Ram Samaj	Male	OBC
20	Deepak Kr Verma	Male	OBC
21	Joyprakash	Male	OBC
22	Ramnuij	Male	OBC
23	Kallu	Male	SC
24	Jagdamba Prasad Burma	Male	OBC
25	Mulk Raj	Male	OBC





Trainees are attending class on rearing technology



Training on mulberry disease identification class

➤ **Mulberry Sericulture Training Programme to U.P. farmers w.e.f. 28.11. -30.11.16 (25)**

SI No	NAME	Gender	Category
1	Samim Ahmed	Male	Gen
2	Munna Lal	Male	OBC
3	<b>Suresh Prasad</b>	Male	OBC
4	Mahesh Kumar	Male	OBC
5	Sriniwas	Male	OBC
6	Rajendra Prasad	Male	OBC
7	Jaimongal	Male	OBC
8	Dashrath	Male	SC
9	Ramvran	Male	SC
10	Somaiprasad	Male	SC
11	Rajman	Male	SC
12	Ramsmiran	Male	SC
13	Algje	Male	SC
14	Chhedi Sing	Male	GEN
15	Jaykaran Singh	Male	Gen
16	Kaloo Singh	Male	Gen
17	Jagdees	Male	OBC
18	Akeel	Male	GEN
19	Jaynarayan Panda	Male	Gen
20	Tulsiram	Male	OBC
21	Moose	Male	OBC

21	Ramdayal	Male	SC
23	Ramratan	Male	OBC
24	Mateshwari Prasad Yadav	Male	OBC
25	Sadhu Yadav	Male	OBC
			
Trainees are attending SW pathology class		Trainees are attending mulberry pathology class	

➤ **Mulberry Sericulture Training Programme to U.P. farmers w.e.f. 01.12.- 03.12.16 (20)**

SI No	NAME	Gender	Category
1	Harisankar	M	OBC
2	Guruprasad	M	OBC
3	Jaykaran	M	Gen
4	Indrajit Singh	M	Gen
5	Prem Singh	M	OBC
6	Santosh Bagu	M	OBC
7	Rambahadur	M	Gen
8	Bharat Singh	M	OBC
9	Pradeep Kumar	M	OBC
10	Shiv Ratan	M	OBC
11	Kamalesh Kumar	M	OBC
12	Nitesh	M	OBC
13	Dinesh	M	OBC
14	Manoj	M	OBC
15	Arjun Singh	M	OBC
16	Kattar Singh	M	OBC
17	Mahesh Chandra	M	Gen
18	Smt Ram Beti	Female	SC
19	Smt Tarawati	F	SC
20	Smt Rani Devi	F	SC
			
Farmers are attending class on Silk worm rearing		Farmers are attending practical class on Mulberry cultivation	

➤ **Mulberry Sericulture Training Programme to U.P. farmers w.e.f. 06.12.16 to 08.12.16 (24)**

SI No	NAME	Gender	Category
1	Jhabbar	M	OBC
2	Jagdeesh	M	OBC
3	Ramfal	M	Gen
4	Ramlakhan	M	OBC
5	Paikaran	M	SC
6	Dulara	M	OBC
7	Dayaram	M	SC
8	Shivprasad	M	OBC
9	Mayaram	M	OBC
10	Pateeram	M	OBC

11	Sriram	M	Gen
12	Ramshobhit	M	Gen
13	Rajkishore	M	Gen
14	Vijoykumar	M	OBC
15	Joyprakash	M	OBC
16	Talukdar	M	OBC
17	Ram Swarath	M	OBC
18	Gaurishankar	M	Gen
19	Talmuddeen	M	Gen
20	Bajuddin	M	OBC
21	Paras	M	SC
21	Mustak	M	OBC
23	Bhaltar	M	Gen
24	Mahesh Kumar	M	OBC

➤ **Mulberry Sericulture Training Programme to U.P. farmers w.e.f. 14.12.- 16.12.16 (25)**

SI No	NAME	Gender	Category
1	Jugna Ram	M	ST
2	Ayodhya Prasad	M	ST
3	Kaluram	M	ST
4	Chedu Ram	M	ST
5	Manmohan	M	ST
6	Dhaugguram	M	ST
7	Dukhi Ram	M	ST
8	Buddhu	M	ST
9	Ramsagar	M	ST
10	Vijoy Kumar	M	OBC
11	Ram Nagina	M	ST
12	Chhotu	M	OBC
13	Bansdev	M	ST
14	Hariprasad	M	ST
15	Vijoy kumar	M	OBC
16	Arun Kumar	M	ST
17	Lakshmi Narayan	M	ST
18	Syamlal	M	ST
19	Chhunuklal	M	ST
20	Gajadhar	M	ST
21	Ramprasad	M	ST
21	Saraju	M	ST
23	Veer Bahadur	M	ST
24	Ruplal	M	ST
25	Pankaj Kumar	M	ST



**Farmers are attending class on SW pathology**



**Farmers are attending class at trg. division**

➤ **Chawki Rearing Training Programme in REC, Dimapur, Nagaland w.e.f. 07.11.16 to 09.11.16 (27)**

SI No	NAME	Gender	Category
1	C.Zipen	M	ST
2	Udil Haflongbar	M	ST
3	Gopinath	M	ST
4	Petekhrutuo	M	ST

5	Tolikali	F	ST
6	Tenga	M	ST
7	Mina Thiam	F	ST
8	Dipali	F	ST
9	Eyareno Chuse	F	ST
10	Niranjam Nath	M	OBC
11	Babul Mech	M	ST
12	Suloni Semy	M	ST
13	Likao Kikon	M	ST
14	A. Lakiumong	M	ST
15	Vitoshe	M	ST
16	A. Neumai	M	ST
17	M.Marry	M	ST
18	Maromi Hojai	F	ST
19	Rohita Defoe	F	ST
20	Minara Jigdung	F	ST
21	Jyoti Dimasa	F	ST
21	Shewli Defoe	F	ST
23	Kunjuk	M	ST
24	Manosh	M	ST
25	Sobia	F	ST
26	Seu U	F	ST
27	Aienla	F	ST
			
Trainees of Nagaland assembled for chawki rearing training at REC, Dimapur		Training are attending Chaki Rearing Training at REC, Dimapur	

**1 (one) official has been trained on establishment Rules By NABARD New Delhi at Goa w.e.f 11.10. - 14.10.16**

Sl. No.	Name	Gender	Category
1	Sri Asim Kumar Batabyal	M	Gen

**During 4<sup>th</sup> Qtr.-1125 Nos.**

- Name of training programme:  
**Farmers Skill Training: 15 Nos.**  
**Late Age Rearing: 15 Nos.**  
**Integrated Disease & Pest Management 06.02.17 to 15.02.17 (15)**

SI No	NAME	Gender	Category
1	Sudipta Mondal	M	SC
2	Md. Saguruddin	M	OBC
3	Abhimanya Mondal	M	SC
4	Md.Ejaj Ahmed	M	OBC
5	Md.Masidur Rahman	M	OBC
6	Mosabbar Hossain	M	GEN
7	Md.Azharuddin Hoque	M	OBC
8	Elias Shaikh	M	GEN
9	Saptam kumar Mondal	M	SC
10	Khairulla Mondal	M	OBC



11	Fitara Khatun	F	OBC
12	Sabina Khatun	F	OBC
13	Ishak Munda	M	ST
14	Ram Chhetri	M	GEN
15	Aatish Chhetri	M	Gen



Farmers are attending classes on Bivoltine rearing



Farmers are attending classes on silkworm pathology

#### 4.1.2 Technology Orientation Programme: 69

##### ➤ i) Technology Orientation Programme (TOP) 20.12.16 to 22.12.16 (7)

SI No	NAME	Gender	Category
1	Phurba Kiaangdi Sherpa, TA	Male	ST
2	Pradeep Kumar Chaudhuri, TA	Male	SC
3	Amar Kumar saha, TA	Male	SC
4	Md. Sirajul Islam, TA	Male	Gen
5	Chandan Mallik, TA	Male	SC
6	Shivnandan Sharma, FA	Male	Gen
7	Essar Ali Sheikh	Male	Gen

##### ➤ ii) Technology Orientation Programme(TOP) w.e.f. 02.02.17 to 04.02.17: 18 nos.

SI No	NAME	Gender	Category
1	Md Mahasin Alam, TA	M	GEN
2	Tapati Biswas, TA	FM	SC
3	Sulagna Sharma, TA	FM	GEN
4	Pampa Ghosh, TA	FM	GEN
5	Mala Nandi, TA	FF	GEN
6	Jayshree Dey, TA	FM	GEN
7	Dipali Bramha Das, TA	FM	ST
8	Priyanshu Das, FA	M	OBC
9	Pranabesh Ghosh, FA	M	OBC
10	Saumik Chatterjee, FA	M	OBC
11	Priyabrata Ghosh, FA	M	GEN
12	Ranjani Ranjan, TA	M	SC
13	Md Sazzad Ali, FA	M	GEN
14	Kangalu Munda, FA	M	ST
15	Milkma Tsherin Lepcha, FA	M	ST
16	Biplab Dhali, FA	M	SC
17	Ashraf Ali Munshi, FA	M	GEN
18	Sandeep Kumar Shil, TA	M	OBC



Trainees are attending class on sw pathology



Trainees are attending chawki rearing class

**iii) Technology Orientation Programme (Faculty Development Programme): 14.02.17 to 18.02.17 : 25 Nos.**

Sl. No.	Name	Gender	Category
1.	Dr Subhra Chanda Sc-D	F	Gen
2.	Dr Paritosh Kumar Ghose, Sc-D	M	Gen
3.	Sri Debashis Chakraborty, Sc-D	M	Gen
4.	Shafi Afroz, Sc-B	M	Gen
5.	Dr Manjunatha G. R, Sci-B	M	Gen
6.	Dr Rita Banerjee, Sc-D	F	Gen
7.	Dr Dipes Pandit, Sc-D	M	Gen
8.	Puja Makwana, Sc-B,	F	OBC
9.	Dr. Somen Chattopadhyay, Sc-D	M	Gen
10.	Suresh K., Sc-B	M	OBC
11.	Dr, J.Sarkar,Sc-D	F	Gen
12.	Sri. Gopal Chandra Das,Sc-C	M	SC
13.	Sri. Debojit Das,Sc-D	M	Gen
14.	Dr. T. Datta Biswas,Sc-D	F	Gen
15.	K. Rahul,Sc-B	M	Sc
16.	Z. Hossain,Sc-D	M	Gen
17.	Dr. A. K. Verma,Sc-D	M	Gen
18.	N. Chandrakanth,Sc-B	M	Gen
19.	Dr. V.Lakshmanan,Sc-D	M	Gen
20.	Anil .P.,Sc-B	M	Gen
21.	Dr, R. Mahesh,Sc-B	M	OBC
22.	Dr. Monica Choudhuri,Sc-D	F	Gen
23.	Dr. Vijay.V.,Sc-B	M	OBC
24.	Dr. S.K.Dutta,Sc-D	M	Gen
25.	Dr. S. Sarkar,Sc-C	M	Gen



**Scientists are attending faculty development programme**

**iv) Technology Orientation Programme: 16.03.17 to 18.03.17 : 19 Nos.**

Sl No	NAME	Gender	Category
1	Tez Bahadur Yadav	M	OBC
2	Ajoy Kumar Maurya	M	OBC
3	Yojendra Singh	M	OBC
4	Manoj Kumar	M	OBC
5	Anoop Singh	M	Gen
6	Amit Kumar Chaudhuri	M	Gen
7	Ranjit Kumar Maurya	M	OBC
8	Akhil Kumar	M	OBC
9	Nisar Ahmed	M	OBC
10	Satish Kumar	M	OBC
11	Nitesh Singh	M	Gen
12	Vivek Kumar Sribastava	M	Gen
13	Sachin Kumar	M	SC
14	Debendra Kumar Gautom	M	SC

15	Puja Sharma	FM	OBC
16	Kalpana Gupta	FM	OBC
17	Kavita Singh Patel	FM	OBC
18	Ankita Maurya	FM	OBC
19	Abhishek Kumar Yadav	M	OBC



Officials are attending class on chawki rearing

Officials are attending class on Soil Chemistry

**4.1.4 Need Based Training Prog.: 414 Nos.****i) Mulberry Sericulture Training Programme to U.P. farmers w.e.f. 20.12.16 to 22.12.16 (25 nos)**

SI No	NAME	Gender	Category
1	Balke Lal	Male	OBC
2	Jhingur	Male	OBC
3	Sakatu	Male	SC
4	Ramprasad	Male	SC
5	Md Yasin	Male	OBC
6	Ram Sumiron	Male	OBC
7	Jogiraam	Male	OBC
8	Chandra Shekhar	Male	SC
9	Rakesh Kumar	Male	OBC
10	Prem Pal	Male	OBC
11	Pars Ram	Male	SC
12	Ram Milon	Male	OBC
13	Sri Dhar	Male	OBC
14	Sankar	Male	OBC
15	Mathu	Male	OBC
16	Dheeraj	Male	OBC
17	Papu	Male	OBC
18	Itwari	Male	OBC
19	Mishrilal	Male	SC
20	Brijmohon	Male	OBC
21	Parshuram	Male	OBC
22	Swami Dayal	Male	OBC
23	Hari Sankar	Male	Gen
24	Sabiti Ali	Male	OBC
25	Ram Chandra	Male	OBC

**ii) Mulberry Sericulture Training Programme to U.P. farmers w.e.f. 27- 29.12.16 (10 nos.)**

SI No	NAME	Gender	Category
1	Amrendra Kumar	Male	Gen
2	Suresh Kumar	Male	OBC
3	Abhishek Tewari	Male	OBC



4	Mahendra Rastogi	Male	Gen
5	Jay Hind Verma	Male	OBC
6	Savimay Kumar	Male	SC
7	Navi Vishakarma	Male	OBC
8	GANESH Kumar	Male	Gen
9	Pawan Kumar	Male	OBC
10	Ram Kumar	Male	OBC

iii)

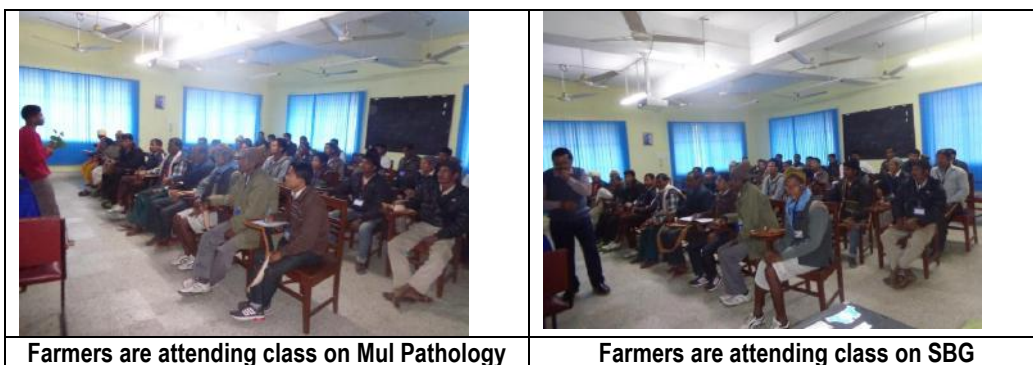
**Mulberry Cultivation Training Programme For U.P Farmers w.e.f. 27- 29.12.16 (25 nos.)**

SI No.	NAME	Gender	Category
1	Sharma	Male	ST
2	Mongrey	Male	ST
3	Soval Prasad	Male	ST
4	Hari Ram	Male	ST
5	Pati Ram	Male	ST
6	Jogi Ram	Male	ST
7	Mngal Prasad	Male	ST
8	Jay Jay Ram	Male	ST
9	Fir Lal	Male	ST
10	Bhagi Ram	Male	ST
11	Bangee	Male	ST
12	Jay bahadur	Male	ST
13	Dode	Male	ST
14	Bhagram Deen	Male	ST
15	Puran	Male	ST
16	Radheshyam Chaudhuri	Male	ST
17	Mahadev	Male	ST
18	Sukhmeen	Male	ST
19	Basu Ram	Male	ST
20	Moni Ram	Male	ST
21	Ram Sevak	Male	ST
22	Ramesh	Male	ST
23	Raju	Male	ST
24	Krishna Dev	Male	ST
25	Sukhlal	Male	ST

➤

**iv) Mulberry Sericulture Training Programme to U.P. farmers w.e.f. 03.01.- 07.01.17 (20 nos.)**

SI No	NAME	Gender	Category
1	Havaladar	Male	OBC
2	Indra jeet	Male	OBC
3	Jitendr	Male	OBC
4	Awadhesh Kumar	Male	OBC
5	Rafik Ali	Male	OBC
6	Ijaj Ali	Male	OBC
7	Rijvan Ali	Male	OBC
8	Bhaialal Yadav	Male	OBC
9	Mustak Ali	Male	OBC
10	Lalchand	Male	SC
11	Romai Chauhan	Male	OBC
12	Suresh	Male	OBC
13	Imtiaj Ahmed	Male	OBC
14	Shomsher Ali	Male	OBC
15	Dayasankar yadav	Male	OBC
16	Mahanad	Male	SC
17	Sinhasan	Male	OBC
18	Ashoke	Male	OBC
19	Mohon Patel	Male	OBC
20	Niraj Kumar Singh	Male	OBC



Farmers are attending class on Mul Pathology

Farmers are attending class on SBG

➤ v) Mulberry Sericulture Training Programme to U.P. farmers w.e.f. 03.01.- 05.01. 17 (25)

SI No	NAME	Gender	Category
1	Shohan	M	OBC
2	Rakesh Kumar	M	OBC
3	Ram Chandra	M	OBC
4	Jagat Pal	M	OBC
5	Rajendra Prasad	M	OBC
6	Neeraj Kumar	M	OBC
7	Chandra Bhan	M	OBC
8	Sufiyan Khan	M	OBC
9	Ompokash	M	SC
10	Harish Chandra	M	OBC
11	Kansh Ram	M	OBC
12	Ishtiyak	M	OBC
13	Irshad	M	OBC
14	Jhagru	M	SC
15	Khalil	M	OBC
16	Fyaj	M	OBC
17	Jokhan	M	OBC
18	Sawli	M	OBC
19	Amirika	M	OBC
20	Itvari	M	OBC
21	Keshavram	M	OBC
22	Jagdish	M	OBC
23	Kaloo	M	OBC
24	Pradeep Kumar	M	OBC
25	Guddu	M	OBC

➤ vi) Mulberry Sericulture Training Programme to U.P. farmers w.e.f. 10.01.- 12.01.17 (25)

SI No	NAME	Gender	Category
1	Anil Kumar	M	ST
2	Satya Narayan	M	ST
3	Keshav Ram	M	SC
4	Raviulla	M	OBC
5	Akherujama	M	OBC
6	Dasharath Lal	M	OBC
7	Pati ram	M	SC
8	Dhani Ram	M	SC
9	Jag Ram	M	OBC
10	Hemraj	M	OBC
11	Prem Narayan	M	OBC
12	Salik Ram	M	SC
13	Lakshi Prasad	M	SC
14	Balak Ram	M	OBC
15	Ram Achal	M	OBC
16	Ram sagar	M	SC

17	Hakeekul	M	OBC
18	Maya Ram	M	OBC
19	Kaire	M	ST
20	Sudhir Kumar	M	Gen
21	Durjan	M	ST
22	Sri Mohon	M	ST
23	Ram Deen	M	ST
24	Jhantu	M	ST
25	Karta ram	M	OBC

➤ **vii) Mulberry Sericulture Training Programme to U.P. farmers w.e.f. 16- 18.01.17 (28)**

SI No	NAME	Gender	Category
1	Satveer Singh	M	OBC
2	Madan Singh	M	OBC
3	Kaishor Ali	M	Gen
4	Md Dilliraj	M	Gen
5	Md Babar Ali	M	Gen
6	Sonu	M	SC
7	Sk Sinu	M	Gen
8	Md Mongata	M	Gen
9	Amjad Ali	M	Gen
10	Md Jiyaul Haq	M	Gen
11	Vassim Ahmed	M	Gen
12	Sarafat Ali	M	Gen
13	Gufran	M	Gen
14	Nawas Khan	M	Gen
15	Rajnish	M	SC
16	Arun Kumar	M	SC
17	Moti Ram	M	SC
18	Md Ajmal	M	SC
19	Kuvanrapal Singh	M	SC
20	Pradeep Kumar	M	SC
21	Monjeet	M	SC
22	Raj Kumar	M	SC
23	Pitam	M	SC
24	Anuj Bahadur	M	GEN
25	Narendra Kumar	M	OBC
26	Manoj Kumar	M	OBC
27	Anuj Kumar	M	OBC
28	Lalit	M	SC



Farmers are attending class on SW pathology



Farmers are attending class at training division

➤ **viii) Mulberry Sericulture Training Programme to U.P. farmers w.e.f. 17.01- 19.01.17 (26)**

SI No	NAME	Gender	Category
1	Ram Khelawan	M	OBC
2	Mahatab	M	GEN
3	Raghavendrakumar	M	OBC
4	Shakil Ahmed	M	GEN

5	Tamil Ahmed	M	GEN
6	Sikandar Baksh Azad	M	GEN
7	Ram Naresh	M	OBC
8	Jalil Ahmed	M	GEN
9	Majammil	M	GEN
10	Prahlad	M	OBC
11	Sundar Lal	M	OBC
12	Jhagru	M	OBC
13	Ram Bilas	M	OBC
14	Bahu	M	OBC
15	Sahaj Ram	M	OBC
16	Bechan	M	OBC
17	Guddu	M	OBC
18	Munna Lal	M	OBC
19	Deep Chand	M	OBC
20	Vijoy Kumar	M	OBC
21	Haridwari	M	OBC
22	Dulare	M	OBC
23	Virendra	M	OBC
24	Kamalesh	M	OBC
25	Ramesh	M	OBC
26	Jamaluddin	M	GEN



Class on SW Pathology

Class on Mul. Pathology

Class on chawki rearing

**ix) Training on Disciplinary Proceedings: 21.01.17 (43)**

SI No	Name	Gender	Category
1.	Dr. Kanika Trivedi, Director	F	Gen
2.	B.K.Basumatary, Sc-C	M	ST
3.	D.P.Das Mahapatro, Sc-C	M	GEN
4.	Dr.Paritosh Kumar Ghosh, Sc-D	M	GEN
5.	B.N.Choudhury, Sc-D	M	OBC
6.	M.S.Rao, U.D.C.	M	OBC
7.	Dr. K.C.Brahma, Sc-C	M	GEN
8.	Dr.L.Pachwau, Sc-C	M	ST
9.	Sangita Singh, Asstt, Supdt(admn)	F	SC
10.	Dr. Rita Banerjee, Sc-D	F	GEN
11.	Dr. S.N. Gogoi, Sc-D	M	GEN
12.	Sri. S.T.Lepcha, Sc-D	M	ST
13.	Sri.D.Chakravarty, Sc-D	M	GEN
14.	Dr.Ranjit Kar, Sc-D	M	GEN
15.	Dr. Ghanshyam Singh, Sc-D	M	GEN
16.	Sri.N.B.Kar, Sc-D(R&S)	M	GEN
17.	Dr.C.Z.Renthlei, Sc-C	M	ST
18.	Dr. Subhra Chanda, Sc-D	F	GEN
19.	Dr. J.Sarkar, Sc-D	F	GEN
20.	Sri. A.K.Batabyal, Supdt(admn)	M	GEN
21.	Sri. Biswajit Halder, A.D.(A&A)	M	SC
22.	Z.Hossain, Sc-D	M	GEN
23.	Sr. S. K.Das, Supdt.	M	ST
24.	Mrs.M.M.Mohanta, UDC	F	GEN

25.	Dr. T.Dutta Biswas,Sc-D	F	GEN
26.	Dr. A.K.Verma.Sc-D	M	GEN
27.	Dr. M.Chaudhuri,Sc-D	F	GEN
28.	Sri.S.Tiadi,A.D.(A&A)	M	GEN
29.	Dr. S. Chattopadhyay,Sc-D	M	GEN
30.	Dr.V.Lakshmanan,Sc-D	M	GEN
31.	Sri. G.C.Das,Sc-C	M	ST
32.	Sri. P.K.Prasad,A.D.(Comp.)	M	ST
33.	Dr. G. B. Singh,Sc-D	M	GEN
34.	Sri. Rambriksh Choudhry,A.D.(O.L.)	M	SC
35.	Sri. Manas Kr. Roy,A.D.(A&A)	M	GEN
36.	Dr. Sandip Kr, Dutta, Sc-D	M	GEN
37.	Dr. Dipesh Pandit,Sc-D	M	GEN
38.	Dr.S.Sarkar, Sc-C	M	GEN
39.	Mrs.Chandana Majee.Sc-D	F	SC
40.	Sri. Avijit Saha,J/E	M	GEN
41.	Sri, Venkata Reddy.G.R.,Asst.Exe.Eng.	M	GEN
42.	Sri. Subrata Chakraborty,A/S	M	GEN
43.	Sri.D.Das,Sc-D	M	GEN

➤ **x) Mulberry Sericulture Training Programme to U.P. farmers w.e.f. 27.01- 30.01.17 (25)**

SI No	NAME	Gender	Category
1	Shyam Lal	M	OBC
2	Suresh	M	OBC
3	Md Rais Khan	M	GEN
4	Jugal Kishore	M	OBC
5	Rajman	M	SC
6	Beehu Singh	M	GEN
7	Ghan Shyam	M	OBC
8	Vinod Kumar	M	OBC
9	Ajoy Kumar Yadav	M	OBC
10	Ganga Prasad	M	OBC
11	Timmal	M	OBC
12	Ram Abhilakh	M	OBC
13	Holi	M	OBC
14	Vijoy Kumar	M	OBC
15	Md Sarif	M	GEN
16	Ferai	M	OBC
17	Abdul Kadir	M	GEN
18	Badakau	M	OBC
19	Rauf	M	GEN
20	Mohon Lal	M	OBC
21	Mustafa Khan	M	GEN
22	Prem Kumar	M	GEN
23	Premnath urf Nibbar	M	GEN
24	Om Prakash	M	OBC
25	Dhirendra Singh	M	GEN

➤ **xi) Mulberry Sericulture Training Programme to U.P. farmers w.e.f. 31.01-02.02.17 (25 nos.)**

SI No	NAME	Gender	Category
1	Ram Feran	M	OBC
2	Tilak ram	M	ST
3	Kanglu	M	ST
4	Chhedu	M	ST
5	Pita ram	M	ST
6	Ram Sankar	M	ST
7	Mgre	M	ST
8	Suresh Kumar	M	ST
9	Mushi	M	ST
10	Ramnath	M	ST

11	Fakir	M	ST
12	Vajrang	M	ST
13	Lautan	M	ST
14	Bejhuram	M	ST
15	Ragghu	M	ST
16	Dashrath	M	ST
17	Kamto Prasad	M	ST
18	Siaram	M	ST
19	Patiram	M	ST
20	Ramkailash	M	ST
21	Lalbahadur	M	ST
22	Garbhu	M	ST
23	Rakesh Kumar	M	ST
24	Hallu	M	ST
25	Laxiram	M	ST



Farmers are attending class on Entomology

Farmers are attending class on SBG

➤ xii) Mulberry Sericulture Training Programme to U.P. farmers w.e.f. 20-22.02.17 (30)

Sl No	NAME	Gender	Category
1	Ram Janki	M	OBC
2	Madhavram	M	OBC
3	Kandhailal	M	SC
4	Rajesh Kumar	M	SC
5	Ramsaran	M	SC
6	Ramdulari	M	SC
7	Parameswar	M	SC
8	Chetram	M	SC
9	Ramamilan	M	SC
10	Teerath Ram	M	OBC
11	Pradeep Kumar	M	OBC
12	Kurtilal	M	SC
13	Kudrat Ali	M	OBC
14	Tahir Ali	M	OBC
15	Mohabbat Ali	M	OBC
16	Lalit Ram	M	OBC
17	Chetram	M	OBC
18	Asgar Ali	M	OBC
19	Chand Ali	M	OBC
20	Ramadal	M	OBC
21	Gonti Prasad Yadav	M	OBC
22	Dinesh Chandra	M	Gen
23	Udairaj	M	OBC
24	Alak Ram	M	SC
25	Kandhailal	M	SC
26	Paramanand	M	SC
27	Vikram	M	SC
28	Siyaram	M	SC
29	Keshari Kumar	M	SC
30	Triloki Nath	M	OBC



Farmers are attending class on Agronomy

Farmers are attending class practical class

**xiii) Mulberry Sericulture Training Programme to U.P. farmers w.e.f. 23-25.02.17 (35)**

SI No	NAME	Gender	Category
1	Rajiv Kumar	M	OBC
2	Sevaram	M	OBC
3	Praduman Kumar Ganguar	M	OBC
4	Akram Ansari	M	OBC
5	Mustajab Ansari	M	OBC
6	Babu Ram	M	OBC
7	Sanjeev Kumar	M	OBC
8	Pushpendra	M	OBC
9	Kubar Singh	M	OBC
10	Puran Lal	M	OBC
11	Kasim Ali	M	OBC
12	Asgar Ali	M	OBC
13	Raja Ram	M	SC
14	Rampeyari	M	OBC
15	Sukal Kand	M	OBC
16	Ram sajan	M	SC
17	Syam Behari	M	SC
18	Sesh Nath	M	SC
19	Parsuram	M	SC
20	Balmukund Pundey	M	GEN
21	Prem Pal Singh	M	GEN
22	Zaqir Hossain	M	Gen
23	Safdar Ali	M	OBC
24	Jamir Ahmed	M	OBC
25	Dilip Kumar	M	SC
26	Vipin Kumar	M	SC
27	Jasram	M	SC
28	Murli	M	SC
29	Munshi	M	OBC
30	Amar Pal	M	OBC
31	Vinod Kumar	M	OBC
32	Rinku	M	SC
33	Lekh Raj	M	OBC
35	Dayaram	M	OBC
35	Munindra Pal	M	OBC



Farmers are attending class on Agronomy



Farmers are attending class in Training Division



**xiv) Mulberry Sericulture Training Programme to U.P. farmers w.e.f. 06-08.03.17 (30)**

SI No	NAME	Gender	Category
1	Sanjoy Kumar	M	OBC
2	Vindeshwari	M	OBC
3	Chhangur	M	OBC
4	Ramvaran	M	SC
5	Aganu	M	SC
6	Vinoykumar	M	SC
7	Mangal Prasad	M	SC
8	Ganesh Prasad	M	Gen
9	Mohit Singh	M	Gen
10	Fateh Bahadur	M	Gen
11	Md Tofik	M	Gen
12	Sivbahadur Giri	M	Gen
13	Radhesyam Tiwari	M	Gen
14	Hari Sankar	M	Gen
15	Sahabaz	M	OBC
16	Jabir	M	OBC
17	Rauf	M	OBC
18	Ahmad Raza	M	OBC
19	Idrissh	M	OBC
20	Arjun	M	GEN
21	Md Jammeel	M	GEN
22	Salmat Khan	M	Gen
23	Candan Sribastava	M	Gen
24	Bablu Yadav	M	OBC
25	Ajoy Kumat Yadav	M	OBC
26	Bedprakash	M	OBC
27	Ram Bau Yadav	M	OBC
28	Manoj Kanaujiya	M	SC
29	Suresh Kumar Yadav	M	OBC
30	Kripa Ram	M	OBC

	
Farmers are attending class on Vermicomposting	Farmers are attending class practical class

**xv) Mulberry Sericulture Training Programme to U.P. farmers w.e.f. 19-24.03.17 (19 nos.)**

SI No	NAME	Gender	Category
1	Tez Bahadur Yadav	M	OBC



2	Ajoy Kumar Maurya	M	OBC
3	Yojendra Singh	M	OBC
4	Manoj Kumar	M	OBC
5	Anoop Singh	M	Gen
6	Amit Kumar Chaudhuri	M	Gen
7	Ranjit Kumar Maurya	M	OBC
8	Akhil Kumar	M	OBC
9	Nisar Ahmed	M	OBC
10	Satish Kumar	M	OBC
11	Nitesh Singh	M	Gen
12	Vivek Kumar Sribastava	M	Gen
13	Sachin Kumar	M	SC
14	Debendra Kumar Gautom	M	SC
15	Puja Sharma	FM	OBC
16	Kalpana Gupta	FM	OBC
17	Kavita Singh Patel	FM	OBC
18	Ankita Maurya	FM	OBC
19	Abhishek Kumar Yadav	M	OBC



Farmers are attending class on SBG



Farmers are attending class on Agronomy

**xvi) Mulberry Sericulture Training Programme to Jeebika, Bihar farmers w.e.f. 20-29.03.17 (23)**

SI No	NAME	Gender	Category
1	Pappu Kumar	M	SC
2	Santosh Paswan	M	SC
3	Rajesh Kumar	M	OBC
4	Jaysankar Prasad	M	OBC
5	Nitish Kumar	M	SC
6	Sulochana Devi	FM	Gen
7	Dayanand Kushiyait	M	OBC
8	Pappu Kumar	M	OBC
9	Jay Narayan Mehata	M	OBC
10	Nikhilesh Kumar	M	OBC
11	Usha Devi	FM	OBC
12	Rekha Devi	FM	OBC
13	Sushil Kumar	M	OBC
14	Binod Kumar	M	OBC
15	Hari Modi	M	OBC
16	Tuntun Kumar	M	OBC
17	Arjun Kumar	M	OBC
18	Subham Kumar Singh	M	OBC
19	Bishnu Kumar Singh	M	OBC
20	Arjun Meheta	M	OBC
21	Binod Kumar Singh	M	OBC
22	Raj Kumar Rai	M	OBC
23	Bibhas Kumar	M	OBC

	
Farmers are attending class on crop economy	Farmers are attending practical class

**4.1.4.i) ON JOB TRAINING PROGRAMME OF STUDENTS OF K.N.COLLEGE, BERHAMPORE  
27/01/17 to 04/02/17 (12)**

Sl. No.	Name	Sex	Caste
1.	Sonai Das	M	SC
2.	Subhankar Dutta	M	GEN
3.	Sanowara Khatun	F	GEN
4.	Subhajit Ghosh	M	OBC
5.	Rohon Nag	M	OBC
6.	Subhajit Dhar	M	GEN
7.	Jitu Das	M	SC
8.	Kaushik Chatterjee	M	GEN
9.	Anima Khatun	F	OBC
10.	Swagata Mirza	F	OBC
11.	Md Sadabul Islam	M	OBC
12.	Dipan Dey Sarker	M	GEN

**On Job Trainees from BCKV, Nadia trained on 21.03.17 – 23.03.17 (9)**

Sl. No.	Name	Sex	Caste
1.	Prasun Karmakar	M	Gen
2.	Subhashree Priyadarshini	F	OBC
3.	Soumita Pal	F	Gen
4.	Jayasmita Patra	F	SC
5.	Nagamandla Ramya Sri	F	Gen
6.	Saurov Basak	M	OBC
7.	Maumita Chakraborty	F	Gen
8.	Subhra Chatterjee	M	Gen
9.	Ankit Kumar Ghorai	M	Gen

	
On job trainees are attending class on Chawki rearing	Practical class on chawki rearing

**Training of the farmers under Seri Resource Centres: 606 Nos.**

1. **Seri Resource Centre, Karimpur, Nadia: A total of 206 farmers of SRC, under Bivoltine CPP Cell Berhampore.**

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GENERAL INVESTIGATION CENTRAL, MANAGANAPALAM DISTRICT, SOUTH INDIA			
GENERAL INVESTIGATION OFFICER/INCHARGE, SOUTH INDIA			
No.	Name	Designation	Signature
1.	Mr. K. S. S. S. S. S.	Director	(Signature)
2.	Mr. K. S. S. S. S.	Deputy Director	(Signature)
3.	Mr. K. S. S. S. S.	Deputy Director	(Signature)
4.	Mr. K. S. S. S. S.	Deputy Director	(Signature)
5.	Mr. K. S. S. S. S.	Deputy Director	(Signature)
6.	Mr. K. S. S. S. S.	Deputy Director	(Signature)
7.	Mr. K. S. S. S. S.	Deputy Director	(Signature)
8.	Mr. K. S. S. S. S.	Deputy Director	(Signature)
9.	Mr. K. S. S. S. S.	Deputy Director	(Signature)
10.	Mr. K. S. S. S. S.	Deputy Director	(Signature)

[illegible]

Date: 22/09/2019				
No.	Name	Designation	Address	Signature
1.	Shri Zahir Hussain	Sec-D	Chatt, Gao	[Signature]
2.	Gopal Chandra Das	Sec-C	-do-	[Signature]
3.	Bipad Ghosh	TA	do	[Signature]

[illegible]

Name	Registration	Address	Signature
Dr. S.K. Datta	S.D	CISTI, BHU	<i>S.K. Datta</i>
Shri Gopal Ch. B. B. C.		do.	<i>Gopal Ch. B. B. C.</i>
Prasad Kumar	P.A.	do.	<i>Prasad Kumar</i>

SUBJECT:				
DATE: 17/05/16				
Students 2016-17				
Sr. No.	Name	Designation	Address	Signature
1.	Neelima Patil	Teacher	Barabankur	17/05/16
2.	Tejaswini Mandal	Teacher	Barabankur	17/05/16
3.	Indira Mandal	Teacher	"	17/05/16
4.	Indira Mandal	Teacher	"	17/05/16
5.	Prerna Patil	Teacher	"	17/05/16
6.	Garima Mishra, Gita Sin	Teacher	"	17/05/16
7.	Shikha Sin	Teacher	"	17/05/16
8.	Prerna Singh, Mandal	"	"	17/05/16
9.	Harshita Sin	"	"	17/05/16
10.	Aradhya Patil, Mandal	"	"	17/05/16
11.	Geeta, Vasudha Sin	"	"	17/05/16
12.	Geeta Sin, Sin	"	"	17/05/16
13.	Tejaswini Sin	"	"	17/05/16
14.	Tejaswini Sin	"	"	17/05/16
15.	Aradhya Sin	"	"	17/05/16
16.	Tejaswini Sin	"	"	17/05/16
17.	Shikha Sin	"	"	17/05/16
18.	Tejaswini Sin	"	"	17/05/16
19.	Shikha Sin	"	"	17/05/16
20.	Tejaswini Sin	"	"	17/05/16

SUBJECTS				
DATE: 14/03/14				
S. No.	Name	Designation	Address	Sign
1.	Sh. S. Sankar	Secretary	Thangal, C. P. Rd, Changanassery, (N.S)	23/3/14
2.	Sh. G. C. Babu	Minister	Thangal, C. P. Rd, Changanassery, (N.S)	Uthman
3.	Sh. S. V. K. K. K. K.	Minister	Thangal, C. P. Rd, Changanassery, (N.S)	B. K. K.

[illegible]

GRUBSHEET				
DATE 12/3/17				
a.	Name	Designation	Address	Signature
1st	C. Maji	Sambar	Regd. No. 10070 R.R. H.O.	<i>C. Maji</i>
2	G. C. Das	Sambar	Regd. No. 10070 R.R. H.O.	<i>G. C. Das</i>
3	C. K. Das	Sambar	Regd. No. 10070 R.R. H.O.	<i>C. K. Das</i>

Sl.	Name	Registration Address	Signature
1	Dr. Jyoti Chitambar	Former, Gandhinagar	21/08/2018
2	Dr. Prakash Chitambar		20/08/2018
3	Dr. Pratik Chitambar		20/08/2018
4	Dr. Jyoti Chitambar		21/08/2018
5	Dr. Jyoti Chitambar		21/08/2018
6	Dr. Jyoti Chitambar		21/08/2018
7	Dr. Jyoti Chitambar		21/08/2018
8	Dr. Jyoti Chitambar		21/08/2018
9	Dr. Jyoti Chitambar		21/08/2018
10	Dr. Jyoti Chitambar		21/08/2018
11	Dr. Jyoti Chitambar		21/08/2018
12	Dr. Jyoti Chitambar		21/08/2018
13	Dr. Jyoti Chitambar		21/08/2018
14	Dr. Jyoti Chitambar		21/08/2018
15	Dr. Jyoti Chitambar		21/08/2018
16	Dr. Jyoti Chitambar		21/08/2018
17	Dr. Jyoti Chitambar		21/08/2018
18	Dr. Jyoti Chitambar		21/08/2018
19	Dr. Jyoti Chitambar		21/08/2018
20	Dr. Jyoti Chitambar		21/08/2018
21	Dr. Jyoti Chitambar		21/08/2018
22	Dr. Jyoti Chitambar		21/08/2018

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Subject: DATE: 23.02.17

Sl. No.	Name	Designation	Address	Signature
1.	Shobhana Devi	Teacher	Barbarkpur	
2.	Shobhana Devi			
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18.	Shobhana Devi			
19.	Shobhana Devi			
20.	Shobhana Devi			

Subject: DATE: 23.02.17

Sl. No.	Name	Designation	Address	Signature
1.	G. C. Das	Teacher	Barbarkpur	
2.	G. C. Das			

Subject: DATE: 23.02.17

Sl. No.	Name	Designation	Address	Signature
1.	Shobhana Devi	Teacher	Barbarkpur	
2.	Shobhana Devi			
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5.	Shobhana Devi			
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19.	Shobhana Devi			
20.	Shobhana Devi			

Subject: DATE: 23.02.17

Sl. No.	Name	Designation	Address	Signature
1.	G. C. Das	Teacher	Barbarkpur	
2.	G. C. Das			

Subject: DATE: 23.02.17

Sl. No.	Name	Designation	Address	Signature
1.	Shobhana Devi	Teacher	Barbarkpur	
2.	Shobhana Devi			
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20.	Shobhana Devi			

Subject: DATE: 23.02.17

Sl. No.	Name	Designation	Address	Signature
1.	G. C. Das	Teacher	Barbarkpur	
2.	G. C. Das			

Subject: DATE: 23.02.17

Sl. No.	Name	Designation	Address	Signature
1.	Shobhana Devi	Teacher	Barbarkpur	
2.	Shobhana Devi			
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19.	Shobhana Devi			
20.	Shobhana Devi			

Subject: DATE: 23.02.17

Sl. No.	Name	Designation	Address	Signature
1.	Gopal Chandra Das	Teacher	Barbarkpur	
2.	Gopal Chandra Das			



Inauguration of SRC, Barbarkpur, Nadia by Hon'ble Director on 23.02.17



Training programme initiated



**Seri Resource Centre, Mothabari, Malda: A total of 200 farmers of SRC, under REC, Mothabari were trained in 10 batches with 20 members of farmers each.**

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Handwritten notes and a table with columns for various categories, likely related to agricultural or resource management. The table includes entries for different types of resources and their associated costs or values.

Handwritten notes and a table with columns for various categories, likely related to agricultural or resource management. The table includes entries for different types of resources and their associated costs or values.

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Handwritten notes and a table with columns for various categories, likely related to agricultural or resource management. The table includes entries for different types of resources and their associated costs or values.

**Seri Resource Centre, Kamnagar, Murshidabad: A total of 200 farmers of SRC, under REC, Kamnagar were trained in 10 batches with 20 members of farmers each.**

Handwritten notes and a table with columns for various categories, likely related to agricultural or resource management. The table includes entries for different types of resources and their associated costs or values.







## **ANNEXURE-XXXVIII**

### **5. Revenue Generation**

#### **5.14. Generation of funds as per XII Plan guidelines**

**Success indicator-i: Revenue generation through commercialisation of Technology :**

**Upto 4<sup>th</sup> Qtr.:** Rs.2.076 Lakhs received from enterprenuers for commercialisation of Ghar Sodhan.

## **ANNEXURE-XXXVIII**

### **5. Revenue Generation**

#### **5.14. Generation of funds as per XII Plan guidelines**

**Success indicator – ii: Revenue generation through other methods: 23.84 lakh**

**During 1<sup>st</sup> Qtr.:** 6.90 lakh

**During 2<sup>nd</sup> Qtr. :** 0.22 lakh

**During 3<sup>rd</sup> Qtr. :** 8.20 lakh

**During 4<sup>th</sup> Qtr. :** 8.52 lakh

## **ANNEXURE-XXXIX**

### **6. Strengthening institutional framework to support ongoing research and related programmes**

#### **6.15. Utilization of existing land holdings**

**Success indicator – i: Effective utilization of cultivable land for assigned mandates : 31 Acres**

## **ANNEXURE-XXXX**

### **6. Strengthening institutional framework to support ongoing research and related programmes**

#### **6.16. Utilization of service buildings (laboratory, rearing house, grainages, staff quarters, hostels, guest house etc)**

**Success indicator – i: Extent of utilization of facilities for the core purpose of assigned mandates: 98%**

### **ANNEXURE-XXXXI**

**6. Strengthening institutional framework to support ongoing research and related programmes**

**6.17. Optimum utilization of manpower**

**Success indicator –iii: Utilization of scientific manpower for research activities: 98%**

### **ANNEXURE-XXXXII**

**6. Strengthening institutional framework to support ongoing research and related programmes**

**6.18. Effective Monitoring of Civil Works**

**Success indicator – i: Monitoring of progress of construction works at Institute & sub-units: 98%**

### **ANNEXURE-XXXXIII**

**6. Strengthening institutional framework to support ongoing research and related programmes**

**6.18. Effective Monitoring of Civil Works**

**Success indicator – ii: Submission of Ucs : 98%**

### **ANNEXURE-XXXXIV**

**6. Strengthening institutional framework to support ongoing research and related programmes**

**6.19. Utilisation of Grants**

**Success indicator – i: Utilisation of Grants: 37.83 Crores (Upto 3<sup>rd</sup> Qtr.)**

6.9 Crores (During 1<sup>st</sup> Qtr.)

7.09 Crores (During 2<sup>nd</sup> Qtr.)

12.42 Crores (During 3<sup>rd</sup> Qtr.)

11.42 Crores (During 4<sup>th</sup> Qtr.)

## ANNEXURE-XXXXV

### 7. Collaborative Research Programmes with other R&D organizations in India and abroad

#### 7.20. Identifying potential R&D institutes in India and abroad and undertaken collaborative research programmes for the benefit of both the countries.

**Success indicator – i: Projects taken up for collaborative research: 2 Nos.**

1. **AIB 3578:** Evaluation of exotic bivoltine silkworm breeds to identify promising parental genetic resources. (Collaborative with CSGRC, Hosur) (June, 2016 to Sept., 2019).
2. **AIB 3577:** Evaluation of multivoltine germplasm to identify potential parents for developing cross breeds for Southern & Eastern India. (Collaborative with CSGRC, Hosur) (June, 2016 to Sept., 2019).

However, **8 collaborative research Projects** are carried forward from 2015-16.:

1. **PPF 3532:** Assessment, development and management of area under mulberry in major sericulture districts of West Bengal using geo-spatial technique. (Feb., 2015 to Jan., 2017) [Collaborative with ISRO, NESAC, Meghalaya]
2. **PIB 3505:** Development of drought tolerant mulberry variety for rainfed sericulture. (Jan., 2014 to Dec., 2019) [Collaborative with CSGRC, Hosur]
3. **PPE 3517:** Population Interaction of Pest and natural enemies in mulberry ecosystem. (Aug., 2014 to July, 2017) [Collaborative with NBAIR, Bangalore]
4. **ARP 3522:** Isolation, Cloning and characterization of antibacterial protein(s) from silkworm (*Bombyx mori* L.) (April, 2015 to March, 2018). [Collaborative with SBRL, Kodathi]
5. **APS 3539:** Characterization of mulberry growing soils for nutrient management in selected seri-villages of Golaghat districts of Assam. (April, 2015 to March, 2017). [Collaborative with NBSS&LUP, ICAR, Jorhat]
6. **AIB 3545:** Authorization Trial of Silkworm hybrids in Eastern and North Eastern India. (August, 2015 to July, 2017). [Collaborative with NSSO, Bangalore and CSTRI, Bangalore]
7. **AIT 3557:** To conduct multi-locational trial on transgenic Bm NPV resistant silkworm strains to establish their efficacy and generate data for their regulatory approval. (January, 2016 to March, 2017) (Collaborative with APSSRD, Hidupur, Andhra Pradesh).
8. **AICEM-III:** All India Coordinated Experimental Trail for Mulberry (AICEM) - Phase III. (A prog. of C.O., Bangalore) (August, 2011 to December, 2016).

## ANNEXURE – XXXXVI

### 8. Efficient functioning of RFD system

#### 8.21. Timely submission of draft RFD for 2016-17: 20.04/30.04.2016

#### 9.22. Timely submission of results of 2016-17: 05.07.2016 (1<sup>st</sup> Qtr.) & 05.10.2016 (2<sup>nd</sup> Qtr.) & 05.01.2017 (3<sup>rd</sup> Qtr.) & 05.04.2017 (4<sup>th</sup> Qtr.)

## **ANNEXURE – XXXXVII**

### **9. Administrative Reform**

#### **9.23. Implement mitigating strategies for reducing potential risk of corruption**

**Success indicator –i: Percentage of implementation: 98%.**

## **ANNEXURE – XXXXVIII**

### **9. Administrative Reform**

#### **9.24. Swachha Bharat Abhiyan**

**Success indicator –i: Percentage of implementation: 98%.**

## **ANNEXURE – XXXXIX**

### **9. Administrative Reform**

#### **9.25. Submission of Annual Accounts to CSB**

**Success indicator –i: Date of submission of Annual Accounts to CSB: 30.04.2016**

## **ANNEXURE – XXXXX**

### **9. Administrative Reform**

#### **9.26. Biometric Attendance**

**Success indicator –i: Units functioning under the Institute: 17 Nos.**

**Success indicator –ii: Units covered under Biometric attendance: 100%**

## **ANNEXURE – XXXXXI**

### **10. Improving internal efficiency / responsive- ness / service delivery of the organization**

#### **10.27. Implementation of Sevottam**

**Success indicator–i: Independent audit of implementation of Citizen's charter: 98%.**

**Success indicator–ii: Independent audit of implementation of public grievances redressal system: 98%.**

## **ANNEXURE – XXXXXII**

### **11. Ensuring compliance of the Financial Accountability Framework**

#### **11. 28. Timely submission of ATNs on Audit paras of AG & Internal Audit**

**Success indicator–i: Percentage of ATNs submitted with in due date (4 months) from date of presentation of report: 98%.**

## **ANNEXURE – XXXXXIII**

### **11. Ensuring compliance of the Financial Accountability Framework**

#### **11.29. Timely submission of ATRs to AG & CSB, HQ.**

**Success indicator – i: Percentage of ATRs submitted within due date (6 months) from date of presentation of report. 98%**

## **ANNEXURE – XXXXXIV**

### **11. Ensuring compliance of the Financial Accountability Framework**

#### **11.30. Early disposal of pending ATNs on Audit paras of AG reports.**

**Success indicator – i: Percentage of outstanding ATNs disposed off during the year. 98%**

## **ANNEXURE – XXXXXV**

### **11. Ensuring compliance of the Financial Accountability Framework**

#### **11.31. Early disposal of pending ATRs on AG reports.**

**Success indicator – i: Percentage of outstanding ATRs disposed off during the year. 98%**

**4<sup>th</sup> QUARTER (JANUARY TO MARCH, 2017) PROGRESS  
OF PROJECTS/ PROGRAMMES/ PILOT STUDIES  
UNDERTAKEN BY CSR&TI BERHAMPORE & ITS NESTED UNITS**

**AS PER RFD MILESTONE FOR THE YEAR 2016-17**

**4<sup>th</sup> QUARTER (JANUARY TO MARCH, 2017) PROGRESS OF PROJECTS/ PROGRAMMES/ PILOT STUDIES  
UNDERTAKEN BY CSR&TI BERHAMPORE & ITS NESTED UNITS AS PER RFD MILESTONE FOR THE YEAR  
2016-17**

Objective	#	Actions	#	Success Indicator	Milestone for the year 2016-17			Achievement during the 4 <sup>th</sup> quarter of 2016-17
<b>1. Conduct scientific technical and economic research to enhance production, productivity and quality of Indian silk.</b>	<b>15</b>	Undertaking Research projects to enhance quality and productivity. (Research Projects-coded by CO)			<b>Activity</b>	<b>From</b>	<b>To</b>	
			i	<b>PIB 3481:</b> Evaluation of mulberry varieties suitable for low fertility soils. (Jan., 2013 to Dec., 2017)	Evaluation of 7 mulberry genotypes along with one check (S1635) for growth and yield traits under low input soil.	<b>Jan., 2017</b>	<b>Mar., 2017</b>	<ul style="list-style-type: none"> <li>Data recording of 11<sup>th</sup> round evaluation of 7 test genotype along with the check (S-1635), for yield and ancillary traits have been completed and data compilation is under progress.</li> <li>Up to 10<sup>th</sup> round the genotype C-9 exhibited significant superiority in foliage biomass. The pooled data analysis of 10 crops, revealed that under normal dose of chemical fertilizer application, in leaf productivity (kg.ha<sup>1</sup>yr<sup>1</sup>), C-9 was found significantly higher (52.88) than S-1635 (42.19). Similarly, under reduced dose of chemical fertilizer application, C-9 showed significantly higher leaf yield (32.63) than S-1635 (28.11).</li> </ul>
			ii	<b>PIB 3515:</b> Evaluation of newly developed triploid mulberry varieties under irrigated condition. (June, 2014 to March, 2017).	Assessment of leaf yield and other ancillary parameters across the identified promising triploid genotypes.	<b>Jan., 2017</b>	<b>Mar., 2017</b>	<ul style="list-style-type: none"> <li>Completed altogether eight rounds evaluation of the 15 triploid genotypes for 07 growth and yield attributing traits.</li> <li>Seven triploids viz., C-105, C-252, C-116, C-131, C-57, C-174 and C-124 recorded significantly high mean leaf yield (371 to 434 g/crop) over ruling check S-1635(298g/crop)</li> <li>Besides, these genotypes also recorded &gt;91% 2<sup>nd</sup> moultout percentage and 2<sup>nd</sup> instar larval weight gain (&gt;2.04g/50 larvae).</li> <li>Analysis of pooled data for report preparation is under progress.</li> </ul>
			iii	<b>PIB 3576:</b> Evaluation of new mulberry genotypes for improvement in productivity and quality. (June, 2016 to July, 2020).	Multiplication of selected 9 newly evolved genotypes along with ruling check S-1635.	<b>Jan., 2017</b>	<b>Mar., 2017</b>	<ul style="list-style-type: none"> <li>Altogether ~ 8000 sapling of 10 genotypes along with check are being maintained in nursery for establishment of FYT in 4 different test centers.</li> </ul>
			iv	<b>PIC 3554:</b> Candidate gene based molecular marker(s) for screening promising recombinants in mulberry. (Jan., 2016 to Dec., 2018)	<ul style="list-style-type: none"> <li>Establishment of a clonal set of progeny and parents in ARBD.</li> <li>Initiation of DNA isolation from the progeny.</li> </ul>	<b>Jan., 2017</b>	<b>Mar., 2017</b>	<ul style="list-style-type: none"> <li>RNA extraction from representative leaf samples has been standardized with the yield range of 2.0-2.5 µg/µl.</li> <li>So far DNA isolation from ~60 progeny has been completed.</li> <li>The DNA yield varied from 741 µg/µl to 1182 µg/µl</li> <li>Retrieved ~1135 NCBI EST database <del>in</del>-designed 12 primers and send for synthesis.</li> <li>Standardization of nitrate reductase protocol is under progress</li> </ul>

Objective	#	Actions	#	Success Indicator	Milestone for the year 2016-17		Achievement during the 4 <sup>th</sup> quarter of 2016-17
			v	<b>PPA: 3499:</b> Evaluation of field level performance of Vishala mulberry variety in different locations under irrigated conditions in West Bengal. <b>(April, 2013 to March, 2018).</b>	To find out the potentiality of Vishala mulberry variety under irrigated conditions in West Bengal. Evaluation of field performance of Vishala mulberry variety in different locations under irrigated conditions in West Bengal.	<b>Jan., 2017</b> <b>Mar., 2017</b>	Maintenance of Plantation completed in 23 locations and data collection is going on. Survivability of Vishala (96.61%) & S1635 (96.32%) recorded & found at par. 1 <sup>st</sup> pruning & harvest of 3 <sup>rd</sup> year data collection is under progress. 2 years data revealed that average leaf yield performance was observed 31.20 ton /he/year in Vishala and 28.58 ton /he/year in S1635 Which is 9.0% higher yield than control. Suitability of leaves for silkworm rearing studied. Palatability of leaf, growth and larval duration observed no significant difference between S1635 & Vishala varieties.
			vi	<b>PPF 3585:</b> Application of Growing Degree Days as a model driver for developing mulberry yield weather model. <b>(Oct., 2016 to Dec., 2018).</b>	Biofixation. Tarking of temporal yield, infection and pest infestation, antecedent and prevailing weather data.	<b>Jan., 2017</b> <b>Mar., 2017</b>	<ul style="list-style-type: none"> <li>Record of temporal 30, 40, 50, 60, 70 and 80 DAP foliage yield data vis-à-vis weather data for 3 rounds in succession. Such scanty data are not fit</li> </ul>
			vii	<b>PPS 3598:</b> Arsenic contamination in mulberry sericulture of Bengal Plain and its alleviation through application of zinc in soil. <b>(Nov., 2016 to April, 2018).</b>	Identification of arsenic affected farmers /mulberry plots in seri-villages.	<b>Jan., 2017</b> <b>Mar., 2017</b>	Identification of arsenic affected farmers / mulberry plots in the seri-village. <ul style="list-style-type: none"> <li></li> </ul>
			viii	<b>PPA3588:</b> Evaluation of low cost drip fertigation systems on yield and quality of mulberry leaves. <b>(Oct, 2016 to Mar, 2019).</b>	To develop efficient low cost drip fertigation system.	<b>Jan., 2017</b> <b>Mar., 2017</b>	Purchased 1000 Lit water tank and PVC pipes for installation of low cost drip fertigation system. Indent is given for purchase other drip components. Purchased 1000 litre water tank to install in the experimental field. Arranged the inputs like Urea, DAP and Mop for experimentation purpose. Analyzed initial status of soil viz pH, EC, Organic carbon, Available N, P & K.



Objective	#	Actions	#	Success Indicator	Milestone for the year 2016-17			Achievement during the 4 <sup>th</sup> quarter of 2016-17
			ix	<b>PIN 3587:</b> Improvement of leaf quality and productivity through external application of seaweed extracts in mulberry ( <i>Morus alba</i> L.) (Oct., 2016 to Sept., 2017).	To develop efficient low cost drip fertigation system.	Jan., 2017	Mar., 2017	Experimental field pruned for next crop and cultural operations are being done as per schedule. Second crop is under experimentation. Treatments are being imposed as per schedule.
			x	<b>PPS 3600:</b> Soil health card preparation for mulberry growing soils in Eastern and North-Eastern India. (Nov., 2016 to Oct., 2019).	Analyses of soil samples with respect to 8 parameters (pH, EC, OC, Available N,P,K,S, Zn, Fe, Cu, Mn & B) of mulberry growing soils for preparation and distribution of soil health card to the sericulture farmers in Eastern and North Eastern India.	Jan., 2017	Mar., 2017	777 Soil samples were collect and analysis is under process.
			xi	<b>PPS 3559:</b> Testing of carbon capturing efficiency in Mulberry in different locations. (Apr., 2015 to Mar., 2018)	Expt. at existing farming practice & altered farming practice. Three crop-schedules will be followed under rainfed condition. Recording of crop wise leaf productivity & estimation of carbon from leaf samples.	Jan., 2017	Mar., 2017	During August, 2016 under treated plot, leaf yield was recorded 4673 kg/ha while in control condition leaf yield was observed 4547 kg/ha and gain (%) was found 2.77%. October, 2016 under treated plot, leaf yield was recorded 4530 kg/ha while in control condition leaf yield was observed 4359 kg/ha and gain (%) was found 3.92%. In Treatment Carbon capturing potential 538.49Kg /ha & in Control condition was recorded 499.17Kg/ha.

Objective	#	Actions	#	Success Indicator	Milestone for the year 2016-17				Achievement during the 4 <sup>th</sup> quarter of 2016-17																																												
					Activity																																																
			xii	<b>PPA 3560:</b> Studies on high bush and tree type mulberry plantation under rainfed condition of Odisha. (April, 2014 to March, 2019).	The plantation will be left for establishment for two years with recommended package of practices.	Jan., 2017	Mar., 2017	After completion of the establishment period for 2 years the 1 <sup>st</sup> leaf yield data has been recorded during the month of Sep 2016 is as follows: <table><tr><td><b>S-1635</b></td><td colspan="4"><b>Leaf yield (kg /ha/ crop)</b></td></tr><tr><td>Spacing</td><td>R1</td><td>R2</td><td>R3</td><td>Mean</td></tr><tr><td>150 ×150</td><td>2368</td><td>2222</td><td>2457</td><td>2349</td></tr><tr><td>180× 180</td><td>1851</td><td>1882</td><td>1929</td><td>1887</td></tr><tr><td>240× 240</td><td>1258</td><td>1197</td><td>1276</td><td>1244</td></tr><tr><td><b>C-1730</b></td><td colspan="4"><b>Leaf yield (kg /ha/ crop)</b></td></tr><tr><td>150 ×150</td><td>2000</td><td>1928</td><td>2040</td><td>1989</td></tr><tr><td>180× 180</td><td>1811</td><td>1820</td><td>1882</td><td>1838</td></tr><tr><td>240× 240</td><td>1102</td><td>1111</td><td>1137</td><td>1116</td></tr></table> Leaf yield data for March crop recorded Data under compilation.	<b>S-1635</b>	<b>Leaf yield (kg /ha/ crop)</b>				Spacing	R1	R2	R3	Mean	150 ×150	2368	2222	2457	2349	180× 180	1851	1882	1929	1887	240× 240	1258	1197	1276	1244	<b>C-1730</b>	<b>Leaf yield (kg /ha/ crop)</b>				150 ×150	2000	1928	2040	1989	180× 180	1811	1820	1882	1838	240× 240	1102	1111	1137	1116
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			xiii	<b>AIB 3545:</b> Authorization Trials of Silkworm hybrids in Eastern and North Eastern India. Under common RFD with NSSO, Bangalore and CSTRI, Bangalore (July, 2015 to Dec., 2017).	1. Supply of basic stock to NSSO, Bangalore for preparation of hybrids. 2. Procurement and distribution of bed disinfectants. 3. Procurement and distribution of hybrid dfls. 4. F <sub>1</sub> crop monitoring. 5. Procurement of cocoons and sending the cocoons for SETH Malda for test reeling. 6. Data compilation and report preparation.	Jan., 2017	Mar., 2017	During Falguni/ Spring 2017, 84700 dfls of multi x bi and bivoltine hybrids were supplied to the farmers of all the test centres. Rearing has been completed except North-East states.																																													
			xiv	<b>AIB 3547:</b> Development of high temperature and high humidity tolerant bivoltine breeds of silkworm ( <i>Bombyx mori</i> L.) (July, 2015 to June 2017)	Identification of breeding resource materials and making of foundation cross and initiation of breeding work.	Jan., 2017	Mar., 2017	After evaluation, 10 breeds tolerant to high temperature and high humidity conditions were selected as breeding resource materials. From the above resource breeds, hybrids are raised. Again rearing was conducted in the Nov-Dec. 2016 with the parents (HTH-1 to HTH-10). Twenty five hybrids were raised by crossing oval x dumbbell parents. Testing of these hybrids under high temperature and high humidity conditions is under progress. Experimental batches of 8 Hybrids were brushed on 25.02.17. Rearing is under progress, the silkworm larvae are in the 5 <sup>th</sup> instar.																																													

Objective	#	Actions	#	Success Indicator	Milestone for the year 2016-17		Achievement during the 4 <sup>th</sup> quarter of 2016-17
			xv	<b>AIB 3514:</b> Development of multivoltine based Congenic / NIL breed of silkworm ( <i>Bombyx mori</i> L) through introgression of <i>ld</i> gene and its' uses. (July, 2014 to May, 2017)	<ul style="list-style-type: none"> <li>• Crossing between recipient and donor for introgression.</li> <li>• Backcrossing of the selected lines for 5 to 8 generations.</li> </ul>	Jan., 2017 Mar., 2017	During Oct.16, cent-percent hatching obtained in respect of Bi x Multi <sup>ld</sup> hybrids in 60 hours. Rearing was initiated during last week of October, 2016. Further breeding work to enhance the hatching % in the bi x multi <sup>ld</sup> is going on. At present it is about 90%.
			xvi	<b>AIB 3602:</b> Development of thermotolerant bivoltine breeds / hybrids of silkworm, <i>Bombyx mori</i> through marker assisted selection. (Nov., 2016 to April, 2017)	To develop thermo-tolerant bivoltine silkworm breeds / hybrids through DNA marker assisted selection and their evaluation.	Jan., 2017 Mar., 2017	Rearing of SK4C and BHR3 (selected thermo tolerant breeds) and GEN-3 and D6 (M) (selected productive breeds) was initiated during last week of October, 2016. Further brushing of experimental batches of parents [SK4C and BHR3 (Thermo tolerant breeds) and GEN-3 and D6(M) (Productive breed)] was done on 25.02.17. Rearing is under progress, the silkworm larvae are in the 5 <sup>th</sup> instar. Hybrids will be prepared during the grainage of this crop.
			xvii	<b>MOE3604:</b> Yield gap analysis in mulberry leaf and cocoon production- A study in Eastern Ghat Highland zones of Odisha. (Dec., 2016 to Nov., 2018)	<p>To assess the magnitude of 'Yield Gap' in respect of mulberry leaf and cocoon productivity at farmers' level.</p> <p>To examine the nature of variation in 'Yield Gap', across different socio-economic strata of the sericultural farmers.</p> <p>To identify factors influencing for 'Yield Gap'.</p>	Jan., 2017 Mar., 2017	The final and 5 <sup>th</sup> Trial Rearing of Transgenic silkworm hybrids [N (T) x (SK6 x SK7)] with 50 Dfls and Non-Transgenic [N x (SK6 x SK7)] hybrids as Control are being conducted during Feb-March 2017.
			xviii	<b>MTS-3599:</b> Study on mulberry sericulture production in West Bengal: a statistical approach. (Nov., 2016 to April, 2018).	Assessment of mulberry acreage and their trend.	Jan., 2017 Mar., 2017	Scrutinized the year-wise data pertaining to mulberry acreage, total raw silk production and cocoon production of WB

Objective	#	Actions	#	Success Indicator	Milestone for the year 2016-17			Achievement during the 4 <sup>th</sup> quarter of 2016-17
					Activity	Jan., 2017	Mar., 2017	
			xix	<b>MOT 3601:</b> Skill gap analysis and capacity building of sericulture extension workers and farmers in traditional and non-traditional states. (Nov., 2016 to April, 2018).	To find out the basic cause of skill gap A and enhance the capacity building of extension workers and farmers.			"Job Profile of Extension workers" for sericultural development developed which can be helped to guide the Technical staffs of RECs.
		Integrated Pest and Disease Management and its dissemination to field.	i	<b>CSS 2107:</b> Forewarning of mulberry diseases of Eastern and North Eastern India. (Apr., 2012 to Mar., 2017)	Collection and recording of disease severity and meteorological data of 14 different locations of Eastern and North Eastern India.	Jan., 2017	Mar., 2017	Collected and compiled of disease incidence (IN weekly interval) and meteorological data (day wise) of Eastern and North Eastern India. Disease and meteorology correlation of Eastern and North Eastern India Data compilation and statistical analysis.
			ii	<b>PPS 3504:</b> Study of root rot disease on mulberry in the Gangetic plains of West Bengal and development of its control measure. (Apr., 2014 to Mar., 2017).	Survey and collection of the data of root rot disease from the Gangetic plains of West Bengal.	Jan., 2017	Mar., 2017	<i>Fusarium solani</i> covers 9cm. in 12 days in petriplates in vitro condition as control, but in .1%, .15%, and .20% SAAF ( Carbendazim 12% + Mancozeb,63%) application shows 84%,88% and 94.4% growth inhibition respectively but .1%, .15%, and .20% BAVISTIN ( Carbendazim 50%) application shows 87%,88% and 92% growth inhibition respectively. Moreover .1%, .15%, and .20% INDOFIL M-45 ( Mancozeb 75%) application shows 85%,88% and 88% growth inhibition respectively in vitro condition. Application of bio fungicide <i>Trichoderma viride</i> can control 66.22% growth in comparison with control growth inhibition respectively in vitro condition.
			iii	<b>ARP 3590:</b> Studies on the efficacy of phototrophic bacterial extracts as feed supplement for management of diseases in silkworm, <i>Bombyx mori</i> L. (Oct., 2016 to Sept., 2019).	To screen the efficacy of phototrophic bacterial extracts as feed supplements for disease management in silkworm. To prepare metabolite profiling of silkworm when fed on normal and phototrophic bacterial extract enriched diet.	Jan., 2017	Mar., 2017	Physiological and biochemical characterization of selected an oxygenic phototrophic bacterial strains is completed.

Objective	#	Actions	#	Success Indicator	Milestone for the year 2016-17 Activity			Achievement during the 4 <sup>th</sup> quarter of 2016-17
			iv	<b>PRE 3533:</b> Identification of whitefly resistance in Mulberry germplasm accessions. (Mar., 2015 to Feb., 2018)	Field screening of mulberry germplasm accessions for resistance to whiteflies will be done during peak seasons of whitefly infestation to distinguish susceptible cultivars. Scoring of whitefly population scale combined with a leaf-damage scale. Evaluations are done periodically throughout the growing cycle.	Jan., 2017	Mar., 2017	Survey on the Mulberry germplasm accessions in the GPB plot is in progress, as per the schedule.  But during this period no whitefly infestation were found in Mulberry germplasm accessions in the GPB plot.
			v	<b>BPR (P) 022:</b> Survey and surveillance of mulberry pests in the eastern and north eastern regions of India. (Jun., 2016 to May, 2021)	To generate and widen the database on pest incidence and climatic factors of the different agro-eco zones of the E & NE India. To establish correlation between weather factors and pest incidence. To develop weather based forecasting models for major mulberry pests.	Jan., 2017	Mar., 2017	Incidence of major mulberry pests recorded at the Institute's field, three traditional districts of Gangetic plains (Malda, Murshidabad and Birbhum) and Kalimpong hills of West Bengal along with eastern and north eastern regions at weekly intervals. At the <i>Institute</i> thrips population were observed during the period under report on S1635, 9-20 no/leaf, and in S1 it was 6-16 no/leaf. Adult white fly was observed in S1635 ranging from 2-5 and in S1 2-4/leaf. In Malda, <i>Murshidabad, Birbhum</i> district, thrips infestation was found at Farmers' field. Thrips infestation per leaf varied from 10-15 in Murshidabad district followed by 5-12 in Malda, 8-10 in Birbhum and 5-10 in Nadia. Adult whitefly per leaf was observed 2-3 in all four districts. In Kalimpong hills incidence of root mealy bug was found ranging from 1-2/plant. In Koraput, no infestation was found. In other eastern and North Eastern region no infestation was found.

Objective	#	Actions	#	Success Indicator	Milestone for the year 2016-17 Activity		Achievement during the 4 <sup>th</sup> quarter of 2016-17
			vi	<b>PIB 3521:</b> Assessment of promising powdery mildew resistance lines for perspective commercial use. (Jan., 2015 to Dec., 2017).	Assessment of powdery mildew (PM) resistant promising lines for foliage biomass and associated ancillary traits. Testing of powdery mildew specific lines with identified SCAR and SSR markers. Development of segregating population for PM resistance for SCAR validation and MAS based utilization.	<b>Jan., 2017</b> <b>Mar., 2017</b>	<ul style="list-style-type: none"> <li>Completed evaluations of <i>planta</i> traits and PM disease responsiveness during Falguni 2017). So far completed evaluation of 6 rounds of <i>planta</i> traits and 4 rounds of PM disease reactions.</li> <li>Three of 8 F-1 lines exhibited 16% to 27% superiority over the check cultivar S-1635.</li> <li>About 31% to 74% less disease severity index values were observed than the susceptible better parent S-1.</li> <li>Altogether two seasonal rearing have been conducted with identified 3 promising powdery mildew resistant genotypes along with check cultivar.</li> <li>Rearing of bivoltine SW hybrid (BCon1 x Bcon4) exhibited no - significant differences in the routine cocoon and silk yarn parameters during Falguni crop.</li> <li>Completed testing of putative PM responsive SCAR and SSR markers on the identified 8 progeny lines. These markers (4nos) showed <math>\geq 76\%</math> correlation with the phenotypic PM disease reactions of the identified progenies.</li> <li>Completed testing of putative PM responsive two SSR markers with 27 segregating F-1 progeny for genetic analysis of banding pattern.</li> <li>Collected seeds derived from the 3<sup>rd</sup> round controlled crosses between identified PM responsive genotypes for generation of advanced breeding lines.</li> <li>Obtained F-2 seedlings from previous two round crosses (70nos) derived from three crosses of PM responsive F-1 lines are being maintained in nursery.</li> </ul>
			vii	<b>PIB 3548:</b> Evaluation of bacterial leaf spot resistant improved progenies of mulberry for field utilization. (Jan., 2016 to Dec., 2018)	Establishment of the identified progeny lines in RBD along with parents/high yielding cultivar. Assessment of BLS resistance under artificial inoculums. DNA profiling of promising BLS resistance lines with identified disease specific SSRs.	<b>Jan., 2017</b> <b>Mar., 2017</b>	<ul style="list-style-type: none"> <li>Completed 1<sup>st</sup> round evaluation of leaf biomass and associated 11 <i>planta</i> traits of 8 test genotypes with 3 checks.(S-1, S-1635 and C-2038) during Falguni 2017 crop.</li> <li>Significant variability for 10 important agronomic traits were observed except leaf moisture percent.</li> <li>Maintained the potted plants with recommended cultural practices.</li> <li>Completed PCR amplification of altogether 40 segregating genotypes with 2 identified putative SSRs</li> <li>Completed 1<sup>st</sup> round crossing (10 controlled crosses) among identified promising genotypes and collected seeds for nursery raining.</li> </ul>

Objective	#	Actions	#	Success Indicator	Milestone for the year 2016-17 Activity		• Achievement during the 4 <sup>th</sup> quarter of 2016-17	
			vii i	<b>PRE 3589:</b> Assessment of designed antimicrobial peptides for mulberry protection against brown leaf spot and root rot: a biotechnological approach. (Oct., 2016 to Sept., 2019)	Establishment of in vitro culture of <i>M. roridum</i> and evaluation of pathogen growth suppression ability of AMPs <i>in vitro</i> .	Jan., 2017	Mar., 2017	<ul style="list-style-type: none"><li>Standardized culture procedure of <i>M. roridum</i> and <i>Fusarium solani</i> local isolates responsible for brown leaf spot and soft root rot diseases of mulberry using Potato dextrose agar and <u>Czapek Dox Agar</u> media.</li><li>Selected ~ 20 designed peptides and identified sequences from public data bases and in the 1<sup>st</sup> phase of work(s), synthesis of 8 designed peptides is under progress.</li></ul>
			ix	<b>BPI (PS) 010:</b> Identification of biochemical markers for thermo tolerance in silkworm <i>Bombyx mori</i> L. (Oct., 2016 to Sept., 2017).	Assessment of generation of ROS and enzymes related oxidative damage caused during thermal stress in silkworm. Assessment of yield parameters of BV silkworm under thermal stress and its correlation with ROS defense associated enzymes.	Jan., 2017	Mar., 2017	<ul style="list-style-type: none"><li>Completed hydrogen peroxide assay and catalase assay in hemolymph sample of 10 selected breeds.</li><li>Hydrogen peroxide levels were found higher in larvae exposed to 35°C and 40°C and 75-80% RH compared to control larvae.</li><li>H2O2 levels were high in SK4C, SK7 and D6PN among the tested breeds while lowest in Gen3.</li><li>Analysis of catalase assay is under progress.</li><li>Collected samples of 10 bivoltine breeds from the rearing during January-February 2017.</li><li>Analysis of the rearing data is under progress.</li></ul>
Maintenance of breeders stock (P4 layings)	2	Production & supply of nucleus seeds to basic seed farms of CSB & States for further multiplication.	i	<b>BPI (P) 025:</b> Maintenance of Mulberry Germplasm Bank at CSR&TI, Berhampore (WB). (Continuous)	Maintenance of GPB with proper cultural operations	Jan., 2017	Mar., 2017	<ul style="list-style-type: none"><li>Mulberry accession are maintained by recommended cultural practices.</li><li>Established 15 indigenous and 66 exotic collections in nursery bed for restoring degraded accessions.</li><li>Sporadic infestation of thrips (10-15/leaf) was observed in few accessions during March, 2017.</li></ul>
			ii	<b>BAI (RP)003:</b> Maintenance of bivoltine and multivoltine germplasm and newly developed breeds and their lines. (Continuous)	Maintenance and supply of basic stocks to different centers for further multiplication as per demand.	Jan., 2017	Mar., 2017	<ul style="list-style-type: none"><li>50 bivoltine &amp; 30 multivoltine germplasm materials maintained confirming to their original characteristics. Besides, the breeds received recently from different breeding Institutes are also maintained confirming to their original characteristics.</li></ul>
			iii	<b>B-JRH (P) 040:</b> Studies on mulberry germplasm in Agro climatic conditions in North-eastern states. (April, 2015 to Aug., 2017)	Plantation & maintenance of 12 mulberry accessions. Growth parameters, leaf yield data, bio-assay will be studied.	Jan., 2017	Mar., 2017	<p>Leaf yield data was recorded higher in MI-0349 ( 1.400 kg/pl/ crop) followed by MI-0884 (1.220kg/pl/crop) and MI-0844 (0.840 kg/pl /crop) respectively.</p> <p>Morphological data collection is continued during the month. Bio-assay study started on 2<sup>nd</sup> week of March, 2017.</p>

Objective	#	Actions	#	Success Indicator	Milestone for the year 2016-17 Activity			Achievement during the 4 <sup>th</sup> quarter of 2016-17
			iv	<b>B-KPG (RP) 017:</b> Maintenance of Bivoltine silkworm Germplasm breeds. <i>(April, 2015 to Mar., 2020).</i>	Maintenance of Bivoltine Germplasm at different agro-climatic regions.	Jan., 2017	Mar., 2017	• DfIs have been produced from Autumn crop, 2016 rearing followed by grainage and the same has been kept for Spring, 2017 rearing.
<b>X. Disease forecasting &amp; forewarn-ing</b>	23	Identify the disease occurrence in advance & forewarn the beneficiaries with remedial measures	i	<b>CSS 2107:</b> Forewarning of mulberry diseases of Eastern and North Eastern India. <i>(Apr., 2012 to Mar., 2017)</i>	Collection and recording of disease severity and meteorological data of 14 different locations of Eastern and North Eastern India.	Jan., 2017	Mar., 2017	Collected and compiled of disease incidence (IN weekly interval) and meteorological data (day wise) of Eastern and North Eastern India. Disease and meteorology correlation of Eastern and North Eastern India Data compilation and statistical analysis.
			ii	<b>PPS 3504:</b> Study of root rot disease on mulberry in the Gangetic plains of West Bengal and development of its control measure. <i>(Apr., 2014 to Mar., 2017)</i>	Survey and collection of the data of root rot disease from the Gangetic plains of West Bengal	Jan., 2017	Mar., 2017	<i>Fusarium solani</i> covers 9cm. in 12 days in petriplates <i>in vitro</i> condition as control, but in .1%, .15%, and .20% SAAF (Carbendazim 12% + Mancozeb, 63%) application shows 84%, 88% and 94.4% growth inhibition respectively but .1%, .15%, and .20% BAVISTIN (Carbendazim 50%) application shows 87%, 88% and 92% growth inhibition respectively. Moreover .1%, .15%, and .20% INDOFIL M-45 (Mancozeb 75%) application shows 85%, 88% and 88% growth inhibition respectively <i>in vitro</i> condition. Application of bio fungicide <i>Trichoderma viridae</i> can control 66.22% growth in comparison with control growth inhibition respectively <i>in vitro</i> condition.
			iii	<b>BAI (RP) 021:</b> Silkworm Disease Monitoring of Seed and Commercial Crop rearing of West Bengal (SDMSCC) [A collaborative prog. with ZSSO, Malda & DOT(S), W.B.] <i>(Apr., 2016 to Mar., 2017)</i>	Crop supervision of silkworm rearing P1 Aghrayani, P2 Falguni, P2 Chaitra, P3 Baisakhi & Aghrayani Comm. P1 Falguni, P1 Chaitra, P2 Baisakhi and P3 Jaistha commercial their remedial measure.	Jan., 2017	Mar., 2017	<b>January, 2017-</b> During Aghrayani comm crop, 10 samples were collected Murshidabad district. RSRS Koraput collected 9 samples each from farmers of 3 villages each from Rayagadh and Koraput dist., Odisha during Aug-Sept., 2016 and same nos of samples were collected from farmers of same places during Oct-Nov, 16. During P1 Falguni, 95 samples were examined from 3 villages of Medinapore dist. Under TSC Debra (DoS). 7.3 % grasserie and 5.3 % gattine was reported from the samples examined from 10 farmers of Kamnagar, Murshidabad district. 13.48% grasserie, 9.56 % flacherie and 7.61 % grasserie, 9.01 % flacherie were reported from the samples examined from 9 farmers each of Rayagadh and Koraput districts respectively during Aug-Sep, 16. 2.22% Muscardine, 2.26 % flacherie and 2.78 % Muscardine, 3.67 % flacherie



							<p>were reported from the samples examined from 9 farmers each of Rayagadh and Koraput districts respectively during Oct-Nov, 16. 2% Muscardine, 1 % flacherie was reported from samples examined from Medinapore and examined under TSC, DoT (Seri) Karimpur, Nadia district. During Falguni P1, 13 samples were examined at BSF farms, Dhubulia and Bhanguria. During Baisakhi P2, 100 samples were examined at Central nursery, Berhampore and Akherighata farms of DoS. During Baisakhi P1 grainage operations at Regional grainage of DoS Berhampore, 100 samples were examined. 30 samples were received for testing from REC Kamnagar and 9 samples were received from RSP through Dr. Debashish Chakravarthy, Sci – D towards microscopic examination. During Falguni comm crop, 47 samples were collected from 5 villages of Malda district. 1 % grasserie and 2 % muscardine was reported from the samples examined under TSC, DoT (Seri) Karimpur, Nadia district. 5 % grasserie and 2 % flacherie was reported from the samples examined at BSF farms, Dhubulia and Bhanguria. 0-5% grasserie, 0-5 % flacherie and 0-5% muscardine was reported from the samples examined Central nursery, Berhampore and Akherighata farms of DoS. One sample out of 100 samples tested positive for pebrine from the samples examined during Baisakhi P1 grainage operations at Regional grainage of DoS Berhampore. 0-5% grasserie was also reported from the samples examined during Baisakhi P1 grainage operations at Regional grainage of DoS Berhampore. The samples received from REC Kamnagar and RSP were microscopically examined and found to be free from diseases. 1-2% muscardine was observed from the samples collected from Malda district.</p> <p><b>March, 2017-</b> During Falguni comm crop, 36 samples were collected from 3 villages of Birbhum district and 37 samples from 4 villages of Murshidabad district. During P1 Baisakhi, 104 samples were collected from 3 villages from Midnapore district (Under TSC Debra) and were examined. 2-5 % grasserie and 0-2 % muscardine was reported from the samples examined from Birbhum district. 2-5 % grasserie and 2-5 % muscardine was reported from the samples examined from Murshidabad district. Grasserie of less than 2% was reported from samples examined at Midnapore district.</p>
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Objective	#	Actions	#	Success Indicator	Milestone for the year 2016-17			Achievement during the 4 <sup>th</sup> quarter of 2016-17
					Activity			
XI. Collaborative research programmes with other R&D organizations in India & abroad	24	Identifying potential R & D Institutes in India and abroad and undertaking collaborative research programmes for the benefit of both the countries.	i	<b>PIB 3505:</b> Development of Drought Tolerant Mulberry variety for Rainfed Sericulture (Jan., 2014 to Dec., 2019)[ <i>Collaboration with CSGRC, Hosur</i> ]	Preliminary Screening of the progeny for morphological and yield traits	Jan., 2017	Mar., 2017	<ul style="list-style-type: none"> <li>Out of 2190 seedlings planted in PRT trial, 226 genotypes are shortlisted based on leaf yield per plant &gt;300g/crop (range:300 to 512 g), low specific leaf area &lt;250 (range:107 to 250 cm<sup>2</sup>g<sup>-1</sup>) and high chlorophyll content (16.7 - 41 µgcm<sup>2</sup>)</li> <li>Saplings of 226 genotypes are established in nursery for establishment of PYT.</li> </ul>
			ii	<b>PPF 3532:</b> Assessment, development and management of area under mulberry in major sericulture districts of West Bengal using geo-spatial technique. (Feb., 2015 to Jan., 2017) [Collaboration with ISRO, NESAC, Meghalaya]	1. Analysis of Resourcesat-2 satellite data for acreage estimation of mulberry in Malda district. 2. Delineation of Mulberry areas with Sentinel-1 GRD temporal data (VH polarization) 3. Integration of ground truth verified in Nabagram block under Murshidabad district in GIS domain.	Jan., 2017	Mar., 2017	Estimates of mulberry expanse in Malda, Murshidabad, Birbhum and Nadia. Preparation of final report is under progress.
			iii	<b>AIB 3545:</b> Authorization Trials of Silkworm hybrids in Eastern and North Eastern India. (July, 2015 to Dec., 2017). [Collaborative with NSSO, Bangalore and CSTRI, Bangalore]	1. Supply of basic stock to NSSO, Bangalore for preparation of hybrids. 2. Procurement and distribution of bed disinfectants. 3. Procurement and distribution of hybrid dfis. 4. F1 crop monitoring 5. Procurement of cocoons and sending the cocoons for SCTH Malda for test reeling. 6. Data compilation and report preparation.	Jan., 2017	Mar., 2017	During Falguni/ Spring 2017, 84700 dfis of multi x bi and bivoltine hybrids were supplied to the farmers of all the test centres. Rearing has been completed except North-East states.

Objective	#	Actions	#	Success Indicator	Milestone for the year 2016-17 Activity			Achievement during the 4 <sup>th</sup> quarter of 2016-17
			iv	<b>PPE 3517:</b> Population Interaction of Pest and natural enemies in mulberry ecosystem. <b>(Aug., 2014 to July, 2017)</b> (Collaborative with <b>NBAIR, Bangalore</b> )	Initiation of the project at all co-ordinating centers, Initiation of the seasonal incidence of all major pests and their biological control agents, recording of alternate host plants of major pests and alternate hosts of natural enemies, host range, host preference of pests and their natural enemies, establishment of laboratory cultures of pests and Identification of the biological control agents.	<b>Jan., 2017</b>	<b>Mar., 2017</b>	During the period under report following pest incidence was recorded in major sericultural districts: 1. In the Murshidabad district during the period on adjacent plants like <b>papaya mealy bug</b> population ranged from 2-11 /leaf, on <b>Hibiscus</b> 1-6/shoot infestation was found. <b>Whitefly</b> nymphal population on banana leaf ranged from 5 – 20/leaf. <b>Thrips</b> infestation per mulberry leaf varied from 10-15 in Murshidabad district during Mar. 2. In <i>Malda</i> district during the period, the nymphal population of <b>whitefly</b> on <b>banana</b> leaf ranged from 2 -25/leaf. The <b>mealy bug</b> population on <b>Hibiscus</b> was 1-8 nos./ shoot. <b>Thrips</b> infestation per leaf varied from 5-12 in Malda district during Mar. 3. In Birbhum district, <b>mealy bug</b> population on <b>papaiya</b> plants ranged from 0-6 /leaf,in <b>Hibiscus</b> 0-4/shoot in the adjoining areas of mulberry. <b>Whitefly</b> nymphal population in <b>banana</b> ranged from 4 – 25/leaf. <b>Thrips</b> infestation in Birbhum district per leaf varied from 8-10 during Mar. 4. In Nadia district The nymphal population of <b>whitefly</b> in banana leaf ranged from 8 -50/leaf. In all the districts, <b>adult white fly</b> per leaf was noted as 2-3 on mulberry. <b>No mealy bug</b> infestation was recorded on mulberry. <b>Natural predator</b> was noted as 2-4/plant in all four districts.
			v	<b>AIT3557:</b> To conduct multi-locational trial on transgenic BmNPV resistant silkworm strains to establish their efficacy and generate data for their regulatory approval. <b>(Jan., 2016 to Aug., 2017)</b> (Collaborative with <b>APSSRDI, Hindupur</b> )	➤ Performance of Transgenic breeds N (T) x (SK6xSK7) and Control Breeds in contained condition at Institute level.	<b>Jan., 2017</b>	<b>Mar., 2017</b>	Four (4) trial of silkworm rearing in 2 experimental sites (4 rearing at CSR&TI, Berhampore, Murshidabad and 4 rearing at REC, Mothabari, Malda) have already been completed by December 2016. The 5 <sup>th</sup> trial & last trial (only at CSR&TI, Berhampore, Murshidabad) of silkworm rearing conducted during Feb.-March 2017 is under progress.

Objective	#	Actions	#	Success Indicator	Milestone for the year 2016-17 Activity		Achievement during the 4 <sup>th</sup> quarter of 2016-17
			vi	<b>ARP 3522:</b> Isolation, cloning and characterization of antibacterial protein (s) from silkworm, <i>Bombyx mori</i> L. (May, 2015 to April, 2018) (A collaborative with SBRL, Kodathi, Bangalore).	<ul style="list-style-type: none"> <li>Isolation and characterization of bacterial strains and their pathogenicity studies</li> <li>Isolation, purification and characterization of antibacterial protein fractions elicited against bacterial strain</li> <li>Molecular cloning and full length of gene sequence using cDNA cloning for mass production of antibacterial protein.</li> </ul>	Jan., 2017  Mar., 2017	Ten antibacterial protein sequences were analysed and sorting of the sequenced antibacterial proteins to be used as source material for cloning and expression studies was carried out. The work in respect to cloning of antibacterial protein is being presently carried out at SBRL, Kodathi, Bangalore.
			vii	<b>APS3539:</b> Characterization of mulberry growing soils for nutrient management in selected Seri-villages of Golaghat district of Assam. (April, 2015 to March, 2017) [Collab. with NBSS& LUP, Regional Centre, Jorhat]	Selection of sericulture farmers. Collection of soil samples from different mulberry growing areas (villages of 5 blocks) & analysis.	Jan., 2017  Mar., 2017	❖ Recommended doses of NPK fertilizer at the rate of 150:50:50 have been found to be superior over ready reckoner base fertilizer doses. Application of NPK fertilizer along with boron containing fertilizer provided higher leaf yield over NPK fertilizer dose (150:50:50). Important properties of 100 soil samples have been determined. 43 soil health cards prepared and distributed to the farmers under project. 57 soil health card preparations is under progress.
			viii	<b>AIB 3577:</b> Evaluation of multivoltine germplasm to identify potential parents for developing cross breeds for Southern & Eastern India. (June, 2016 to Sept., 2019). [Collab. with CSGRC, Hosur, TN]	To evaluate multivoltine germplasm accessions for the identification of crossbreeds suitable for Southern and Eastern Zones.	Jan., 2017  Mar., 2017	The project is initiated in CSGRC, Hosur and the progress is as per the proposed milestones.
			ix	<b>AIB 3578:</b> Evaluation of exotic bivoltine silkworm breeds to identify promising parental genetic resources. (June, 2016 to Sept., 2019) [Collab. with CSGRC, Hosur, Tamil Nadu]	To evaluate bivoltine silkworm germplasm accessions for the identification of crossbreeds suitable for Southern and Eastern Zones.	Jan., 2017  Mar., 2017	The project is initiated in CSGRC, Hosur and the progress is as per the proposed milestones.