

PARA – 4.1, 4.2 AND 4.3

NAME OF THE DISTRICT : SARAIKELA

STRATEGIES, THRUST AREAS FOR EXTENSION AND RESEARCH NEEDS FOR DEVELOPMENT OF AGRICULTURE & ALLIED SECTORS IN ATMA DISTRICTS OF JHARKHAND

DEPT	STRATEGY PROPOSED	THRUST AREAS FOR EXTENSION	RESEARCH NEED	ACTIVITY PROPOSED FOR		NO OF UNITS PROPOSED		AMOUNT IN LAKHS
				EXTENSION	RESEARCH	EXTENSION	RESEARCH	
	4.1	4.3	4.2					
A G R I C U L T U R E	Popularizing of new improved Paddy Varieties	Create Awareness of new improved paddy varieties with package of practices including INM & IPM	Appropriate Technology available	Training (dist) Demon Exposure Visit Kisan Ghosti Kisan Mela		1 50 1 1 1		0.15 0.50 0.50 0.15 1.00
	Popularizing Arhar inter Cropping with Maize & Paddy	Create Awareness on Inter cropping of Arhar+Maize & Arhar+paddy in Upland	Appropriate technology available	Training (dist) Demons Exposure Visit Kisan Ghosti	FLD	1 50 1 1	01	0.15 0.60 0.125 0.15
	Popularization of INM	Creating awareness on INM in Pulses	Appropriate Technology available	Training(vill) Demons. Exposure Visit	FLD	10 20 1	01	0.30 0.30 0.125
	Popularization of IPM	Creating awareness on IPM in Arhar+Maize & Arhar+Paddy Intercropping	Appropriate Technology Available	Training (vill) Demonstration Exposure Visit	F.L.D	10 20 1	01	0.30 0.30 0.125
	Mobilization of FO's	Promotion of Farmers Group		Formation of FIG Rewards & incentive		11 01		0.55 0.20
	Replication of Success Stories on use of latest Proven Technologies	Mass Awareness Campaign		FS Interaction Printing Literature IT-Network		01 04 02		0.10 0.40 0.50
	Self Sufficiency in quality seed production in pulses	Seed village with rev. Fund	Breeder Seed Available.	Providing Foundation seed		20 ha		2.50

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				EXTENSION	RESEARC H	EXTENSIO N	RESEARCH	
	4.1	4.3	4.2					
H O R T I C U L T U R E	Popularization of Tomato production for value addition and exports	Create awareness on generation of additional income to farm women	Appropriate Technology are available	Training Training (vill) Demonstration Kisan Mela	FLD	1 5 50 1	01	0.15 0.15 0.60 1.00
	Promotion of grafting technique in mango	Create Awareness on Nursery Development	Appropriate Technologies are Available	Field Day Exposure Visit Exposure Visit		1 1 2		0.15 0.50 0.25
	Promotion of IPM concept in Mango Orchards	Create awareness on IPM for effective control of pest & disease.	Appropriate Technology are available.	Kisan Ghosthi		2		0.30
	Mobilization of FO's	OFG's of Cause Vegetables & Medicinal Plant		Formation of FIG's Reward & incentive		11 1		0.55 0.20
	Replication of Success Stories	Awareness Campaign	-	Printing Leaflets IT Network F-S Interaction	--	3 1 1	--	0.30 0.25 0.10

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				EXTENSION	RESEARCH	EXTENSION	RESEARCH	
	4.1	4.3	4.2					
A N I M A L H U S B N D R Y	Promotion of nutrient enrichment of Agro-waste for fodder	Create awareness on value addition of agro-waste as animal feed	Appropriate technology available	Demonstration Field Days Exposure Visit	F.L. D	40 1 2	01	0.50 0.15 0.25
	Popularization of Vaccination in Poultry	Create Awareness on Vaccination for prevention of disease in poultry	do	Training Kisan Ghosti	-	10 1	-	0.30 0.15
	Promotion of Green Fodder Production	Create awareness on green fodder for higher milk production	Do	Training Kisan Ghosthi Kisan Mela Demonstration	-	1 1 1 25	-	0.15 0.15 1.00 0.25
	Promotion of Poultry Groups	Encourage Backyard poultry		Formation of FIG Rewards & Incentives		10 1		0.50 0.20
	Popularization of Latest Technologies through Success Stories	Mass Awareness Campaign		Printing Leaflets IT Network F-S Interaction		1 1 1		0.10 0.25 0.10

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				EXTENSION	RES	EXTENSIO N	RESEARCH	
	4.1	4.3	4.2					
F I S H E R I E S	Promotion of production technology of Ornamental Fish for Aquarium	Create Awareness on generating additional income for farm women.	Appropriate Tech. Available	Training		10		0.30
	Promotion of Post Harvest Technology and value addition to fish	Create awareness on generation of additional income to fishermen.	Appropriate Technology Available.	Training		10		0.30
				Kisan Ghosthi		2		0.30
				Exposure Visit		3		0.375
Demonstration		25		0.25				
Promotion of Commodity based FOs	Organizing Fish farmers into groups.			Formation of FIG		9		0.45
				Rewards & Incentives		1		0.20
Replication of Success Stories on use of Latest Proven Technologies				Printing Leaflets		1		0.10

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				EXTENSION	RESEARC H	EXTENSIO N	RESEARCH	
	4.1	4.3	4.2					
S E R I C U L T U R E	Popularization of rearing of Tassar Silk Worm	Create Awareness on Tassar Silk Worm Production	Appropriate Technology Available	Training Kisan Ghosthi		10 3		0.30 0.45
	Promotion of Cultivation of Arjun Tree	Package & Practices of Arjun Tree	Appropriate Tech. Available.	Exposure Visit		03		0.375
	Promotion of Commodity based FOs	Organizing farmer groups for better market linking.		Formation of FIG Rewards & Incentives		9 1		0.45 0.20
	Replication of Success Stories on use of Latest Proven Technologies			Printing Leaflets		1		0.10

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				EXTENSION	RES	EXTENSION	RESEARCH	
	4.1	4.3	4.2					
S O I L C O N S	Promotion of Natural Resources Management	Management of Natural Resources		Demonstration Training Exposure Visit		10 10 3		0.10 0.30 0.375
	Popularization of Soil Bindings herbs.	Popularization of soil binding herbs		Demonstration		10		0.10

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				EXTENSION	RES	EXTENSION	RESEARCH	
	4.1	4.3	4.2					
S O C I A L F O R S T R Y	Popularization of Tech. for utilization of Waste land	Increase land utilization capacity	Appropriate Technology available	Training		5		0.15
				Kisan Ghoshti		3		0.45

NAME OF THE DISTRICT: SARAIKELA – HRD PLAN

DEPT	STRATEGY FOR DEVELOPMENT	TRAINING NEED	CADRE OF PARTICIPANT	TOPICS FOR TRAINING	NO. OF TRAINING	NAME OF THE INSTITUTE FOR TRAINING
Agril.	Popularizing of new improved Paddy Varieties	Production Tech. of HYV's & Short Duration variety of Paddy	Farmers	New improved varieties of Paddy and package of practices of paddy	1	District Level
	Popularizing Arhar inter Cropping with Maize & Paddy	Inter cropping production technology of Arhar with Maize	Farmers	Production Technologies for inter cropping & lime application in Arhar with Maize cultivation	2	District Level
	Popularization of INM	A) Integrated Nutrient management B) Organic Farming	Farmers	Integrated Nutrient Management of crop	10	Village Level
	Popularization of IPM	Use of Bio Pesticides & Populating Biological control	Farmers	Integrated Nutrient Management of crops	10	Village Level
Horti.	Promotion of tomato exports through value addition	Value addition to tomato	Farmers	Processing, packing & Marketing of Tomato	1+5	KVK, Darisai Village Level
Anim. Husb.	Promotion of green fodder	Fodder production & Fodder seed production	Farmers	Management of Fodder Production	1	K.V.K. Darisai
	Popularization of Vaccination in poultry	Vaccination in Poultry	Farmer	Vaccination in Poultry	10	Village Level
Fish	Promotion of production technique of Ornamental Fish for aquarium	Popularization of Ornamental Fish Production	Farmer	Rearing & Nutrition of Ornamental Fish production	10	Village Level
Seri-culture	Popularization of rearing of Tasar Silk worm	Rearing of Tasar Silk Worm	Farmer	Production technology Tasar Silk worm	10	Village Level
NRM	Promotion of Natural Resources Management	Conservation of run off Water & top soil	Farmers	Harvest & Reutilization of run off water	10	Village Level
Social Forestry	Popularization of Tech. for utilization of Waste land	Efficient Use o Waste Land	Farmers	Utilization of waste land through Jettropa Plantation	5	Village Level
ABSTRACT: Training to farmers at village Level : 75 District Level : 5						

Table No.5A

Budget proposed under Extension Reforms for the District Level Activities for 2005-06

Name of the State: Jharkhand

Name of The Dist: SARAIKELA

Total Number of Blocks-8

(Rs. in lakh)

S. No.	Activity	Number of beneficiaries to be covered			Number of Units/ activity	Cost per Unit/ activity	Total Fund required	Contri- bution from the Scheme	Benefi- ciary contri- bution	Contribution from any other scheme
		Men	Women	Total						
A. Farmer Oriented Activities										
1.	Developing SREP						2.50	2.50		
2.	Training of Farmers									
a)	District Level	200	100	300	05	0.15	0.75	0.75		
b)	Village Level	1500	750	2250	75	0.03	2.25	2.25		
3.	Organizing Demonstrations	220	80	300	300	0.01	3.00	3.00		
4.	Exposure visits of farmers with maximum duration of five days + travel time									
a)	Inter-State	35	15	50	02	0.50	1.00	1.00		
b)	Inter-District	450	150	600	16	0.125	2.00	2.00		
5.	Mobilization of Farmers' Groups – FIG/ WIG/FOs/COs/ FCs 10/group									
a)	Their Capacity building, skill development and support services	400	100	500	50 group	0.05	2.50	2.50		
b)	Seed money/ revolving funds	200	50	250	25 group	0.10	2.50	2.50		
6.	Rewards/ incentives to best organized groups – representing different enterprises (5 groups	35	15	50	05 group	0.20	1.00	1.00		
	T O T A L	3040	1260	4300			17.50	17.50		

Table No.5B

Budget proposed under Extension Reforms for the District Level Activities for 2005-06

Name of the State: **JHARKHAND**

Name of the District: **SARAIKELA**

Total Number of Blocks -8
(Rs. in lakh)

S. No.	Activity	Number of beneficiaries covered			Number of Units/ activity	Cost per Unit/ activity	Total Fund required	Contribution from the Scheme	Beneficiary contribution	Contribution from any other scheme
		Men	Women	Total						
B. Farm Information Dissemination										
1.	District level exhibition/ kisan melas/ fruit/vegetable shows	250	150	400	03	1.00	3.00	3.00		
2.	Farm Information Dissemination through printed leaflets, etc. and advertisement	2000	700	2700	10	0.10	1.00	1.00		
3.	Development of technology package on electronic form to be shared through IT network	--	--	--	04	0.25	1.00	1.00		
	T O T A L	2250	850	3100			5.00	5.00		

Table No.5C

Budget proposed under Extension Reforms for the District Level Activities for 2005-06

Name of the State: Jharkhand

Name ATMA Districts: SARAIKELA

Total Number of Blocks-8
(Rs. in lakh)

S. No.	Activity	Number of beneficiaries covered			Number of Units/ activity	Cost per Unit/ activity	Total Fund required	Contri- bution from the Scheme	Benefi- ciary contribu- tion	Contribution from any other scheme
		Men	Women	Total						
C. Agricultural Technology Refinement, Validation and Adoption										
1.	Farmer- Scientist Interaction at District level (25 farmers for two days)	35	15	50	3	0.10	0.30	0.30		
2.	Organization Field Days and Kisan Goshties to strengthen R-E-F linkages (1 per block in each season)	600	200	800	16	0.15	2.40	2.40		
3.	Assessment, Refinement, Validation and Adoption of Frontline Technologies & Researchable issues through KVKs and other local Research Centres	--	--	--	05	0.10	0.50	0.50		
	T O T A L	635	215	850			3.20	3.20		

Table No.5D

Budget proposed under Extension Reforms for the District Level Activities for 2005-06

Name of the State: Jharkhand

Name of ATMA District: SARAIKELA

Total Number of Blocks -8

(Rs. in lakh)

S. No.	Activity	Number of beneficiaries covered			Number of Units/ activity	Cost per Unit/ activity	Total Fund required	Contribution from the Scheme	Beneficiary contribution	Contribution from any other scheme
		Men	Women	Total						
D. Administrative/Capital Expenses										
1. Establishment of ATMA like Institutions										
a)	Recurring									
(i)	TA/DA					1.00	1.00	1.00		
	Other operational Expenses including Workshops	--	--	--	Office+workshop - 2	1.00	2.00	2.00		
(ii)	Hiring of vehicles	--	--	--	1.00	1.00	1.00	1.00		
b)	Non-Recurring									
	Equipment*	--	--	--	Per Dist	4.00	4.00	4.00		
	Civil works and refurnishing of ATMA office*	--	--	--	Per dist.	2.00	2.00	2.00		
2. Establishment of Block level Farm Information and Advisory Centres										
(i)	Providing IT application for effective connectivity	--	--	--	02	1.30	2.60	2.60		
	TOTAL					10.30	12.60	12.60		

Table No 7

SECTOR WISE BREAK-UP OF PROPOSALS UNDER STATE EXTENSION WORK PLAN (SEWP) FOR 2005-06

Name of the State: Jharkhand

Name of the District: SARAIKELA

Total Number of Blocks-8

S No.	Sector/ Sub-sector	Activities												Sector wise grand total
		Demonstration	Training	Exposure Visits	Field days*	Kisan Mela	Mobilization of FOs	Reward & Incentives	Assess & Refinement of Tech	Others				
										Farmer Scientist interaction	Farm Inf. Dessimination	Dev. of E-Package	SREP	
1.	Agriculture													
	Productivity Improvement													
	Cereals	0.50	0.15	0.50	0.15	1.00	0.15	--	--	--	0.10	0.25		2.80
	Oilseeds	--	--	--	--	--	0.10	--	--	--	--	--	--	0.10
	Pulses						2.60							2.60
	Others	0.50	0.15	0.125	0.15	--	--	--	0.10	--	0.10	--	--	1.125
	INM	0.20	0.30	0.125	--	--	0.10	--	0.10	--	0.10	0.25		1.175
	IPM	0.20	0.30	0.125	--	--	0.10	--	0.10	--	0.10	--	--	0.925
	Others							0.20		0.10				0.30
	Total	1.40	0.90	0.875	0.30	1.00	3.05	0.20	0.30	0.10	0.40	0.50	--	9.025
2	Animal Husb.													
	Dairy	0.65	0.15	0.25	0.30	1.00	0.30	0.20	0.10	0.10	0.10	0.25		3.40
	Poultry	--	0.30	--	0.15	--	0.20							0.65
	Total	0.65	0.45	0.25	0.45	1.00	0.50	0.20	0.10	0.10	0.10	0.25		4.05
3	Horticulture	0.50	0.30	0.75	0.45	1.00	0.55	0.20	0.10	0.10	0.30	0.25		4.50
4	Sericulture	--	0.30	0.375	0.45	--	0.45	0.20	--	--	0.10			1.875
5	Fisheries	0.25	0.60	0.375	0.30	--	0.45	0.20	--	--	0.10			2.275
6	Social Forestry	--	0.15	--	0.45									0.60
7	NRM	0.20	0.30	0.375										0.875
	Others												2.50	2.50
	Total	3.00	3.00	3.00	2.40	3.00	5.00	1.00	0.50	0.30	1.00	1.00	2.50	25.70