

PARA – 4.1, 4.2 AND 4.3

NAME OF THE DISTRICT : CHATRA

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	RES	EXTENSION	RESEARCH	
	4.1	4.3	4.2					
A G R I C U L T U R E	Promotion of Production Technology of Pulses crop under mixed Cropping	Create Awareness on Intercropping / Mixed Cropping of Arhar with Maize	Appropriate Technology are Available.	Demonstration Training (dist) Training (vill)		50 01 10		0.50 0.15 0.30
	Self Sufficiency in Quality seed production in Paddy	Providing Foundation Seed with Revolving Fund	Breeder seed is available	Providing foundation seeds with rev. fund		25 ha		2.50
	Popularization the use of Bio fertilizers and Vermi Compost	Create Awareness on Bio Fertilizers & Production of Vermicompost & BGA at Farm level.	Appropriate Technology are Available.	Training (vill) Field Days. Exposure Visit		10 02 04		0.30 0.30 0.50
	Promoting better input management in paddy to overcome low productivity problems in Rice based Cropping Systems	Create Awareness on management practices for increasing productivity.	Appropriate technologies are available.	Demonstration Training (vill)		45 05		0.45 0.15
	Increase of water use efficiency through soil & Water Conservation	Create Awareness and Increase soil and Water Use efficiency in rain fed area.	Appropriate Technology are available.	Demonstration Training (district) Exposure Visit Field days		30 01 01 04		0.30 0.15 0.50 0.60
	Promotion of Commodity based FO	Organizing Farmers Groups of paddy, pulses, Oilseed		Formation of FIG Rewards & Incentives		12 02		0.60 0.20
	Replication of Success Stories on use of latest Proven Technologies	Mass Awareness Campaign		Kisan Mela FS Interaction Printing Literature IT-Network		01 01 03 01		1.00 0.10 0.30 0.25

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				EXTENSION	RES	EXTENSION	RESEARCH	
	4.1	4.3	4.2					
H O R T I C U L T U R E	Promotion of Grafting Techniques in Mango	Create awareness on nursery development	Appropriate Technology are Available	Training (vill)		05		0.15
				Demon		20		0.20
	Increase in Production of tomato	Create Awareness	Appropriate Technology Are available.	Demonstration	FLD	20	3	0.50
				Training (vill)		05		0.15
				Field days		01		0.15
				Exposure Visit		03		0.375
	Promotion of Organic Farming	Create awareness on Mass Cultivation of Vegetables	Appropriate Technology are Available	Field Days		03		0.45
				Expo. Visit		01		0.50
				Demon.		20		0.20
				Training (vil)		05		0.15
			Kisan Mela		01		1.00	
Replication of Success Stories on latest Technologies	Awareness Campaign	--	Printing Leaflets		03		0.30	
			IT Network		01		0.25	
			F-S Interaction		01		0.10	
Promotion of Commodity based FO	Organizing Farmers into commodity groups		Formation of FIG		10		0.50	
			Rewards & Incentives		02		0.20	

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				EXTENSION	RES	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	F.L. D	15	02	0.35
				Training (vill)		05		0.15
	Popularization of Vaccination in Poultry	Create Awareness on Vaccination	do	Training (vill)	-	05		0.15
				Demon		20		0.20
	Popularization of improved breed & feeding management of goat	Create Awareness on improved breed of goat with value addition of agro based as a goatry feed.	do	Demonstration	--	20		0.20
				Training (dist)		01		0.15
				Training (vill)		05		0.15
Field Days					02		0.30	
Exposure Visit					03		0.375	
Promotion of Poultry Groups	Encourage Backyard poultry		Formation of FIG		08		0.40	
			Rewards & Incentives		02		0.20	
Popularization of Latest Technologies through Success Stories	Mass Awareness Campaign		Printing Leaflets		03		0.30	
			IT Network		01		0.25	
			F-S Interaction		01		0.10	

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DEPT	STRATEGY PROPOSED	THRUST AREAS FOR EXTENSION	RESEARCH NEED	ACTIVITY PROPOSED FOR		NO OF UNITS PROPOSED		AMOUNT IN LAKHS
				EXTENSION	RES	EXTENSION	RESEARCH	
	4.1	4.3	4.2					
F I S H E R I E S	Disease management in fish & prawn cultivation	To import the technology management	Appropriate Technology are available	Training (vill)		05		0.15
	Promotion of value addition of fish production	Awareness for fish production	Appropriate Technology are available	Training (dist)		01		0.15
	Promotion of Composite Fish Farming Technology	Create awareness on composite fish farming and generation of additional income of rural fisher man	Appropriate Technology are available.	Demon		20		0.20
				Training (vill)		05		0.15
				Exposure Visit		02		0.25
	Field Days		02		0.30			
Promotion of Commodity based FOs	Organizing Fish farmers into groups.		Formation of FIG		08		0.40	
			Rewards & Incentives		02		0.20	
Replication of Success Stories on use of Latest Proven Technologies			Printing Leaflets		01		0.10	
			IT Network		01		0.25	

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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					
S O C I A L F O R E S T R Y	Create Awareness about utilization of Waste Land	To increase land utilization	Appropriate Technologies	Demonstration		20		0.20
				Training (dist)		01		0.15
				Training (vill)		05		0.15
				Exposure Visit		02		0.25
				Field Days		02		0.30
	Promotion of Commodity based of FOs	Group for better market		Formation of FIG		06		0.30
				Reward & Incentives		01		0.10

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				EXTENSION	RES	EXTENSION	RESEARCH	
	4.1	4.3	4.2					
L A C C U L T I V A T I O N	Promotion of Lac Cultivation technology in forest areas	Create Awareness about improved Lac production	Appropriate Technologies are available	Training (vill)		05		0.15
				Demonstration		20		0.20
				Exposure Visit		02		0.25
	Promotion of Commodity based FOs	Lac farmers united into groups		Formation of FIG		06		0.30
				Rewards & Incentives		01		0.10

NAME OF THE DISTRICT: CHATRA DISTRICT – HRD PLAN

DEPT	STRATEGY FOR DEVELOPMENT	TRAINING NEED	CADRE OF PARTICIPANTS	TOPICS FOR TRAINING	NO. OF TRG	NAME OF THE INSTITUTE FOR TRAINING
AGRIL.	Promotion of Production Technology of pulses crops under mixed cropping	Production Technology of mixed cropping for pulses crops	Farmers	Production technology for mixed cropping	10	ATMA, Chatra Village Level
	Popularization of the use of bio fertilizers and vermin Compost	VermiCompost, vermiwash & Biofertilizers	Farmers	Production of VermiCompost at Farm Level & Use of Biotechnology	10	Village Level
	Promoting better input management in paddy to overcome low productivity problems in Rice-based cropping systems.	Input Management	Farmers	Integrated Nutrient Management	5	Village Level
	Increase of water use efficiency through soil & water conservation	Efficient use of Water	Farmers	Soil & Water Conservation	1	ATMA, Chatra
HORTI	Promotion of grafting techniques in mango	Nurseries Management & Plantation Technique	Farmers	Plantation Techniques	5	Village Level
	Increase in production of tomato	Value Addition to Tomato	Farmers	Processing Packing & Marketing of Tomato	5	Village Level
	Promotion of organic farming	Organic Farming	Farmers	Organic Farming in Veg. Crops	5	Village Level
ANIMAL HUSB	Promotion of nutrient enrichment of agro-waste for fodder	Fodder Management	Farmers	Agro-waste Fodder Management	5	Village Level
	Popularization of Vaccination in poultry	Vaccination in Poultry	Farmers	Vaccination in Poultry	5	Village Level
	Popularization of improved breed & feeding management of goat	Feed Management	Farmers	Fodder production & Balanced Feed including mineral mixture	15	ATMA, Chatra Village Level
FISH.	Disease management in fish & prawn cultivation	Disease Management	Farmers	Disease Management in Fish & Prawn	5	Village Level
	Promotion of value addition of fish production	Processing of By-Products Development of Fisherman	Farmers	Processing of Byproducts of fish & development of Fisherman	1	ATMA, Chatra
	Promotion of composite fish farming technology	Composite Fish Culture utilizing tropic level	Farmers	Composite Fish culture utilizing tropic level	5	Village Level
Social Forestry	Create Awareness about Utilization of waste land	Use of Waste Land	Farmers	Use of Wasteland through jettropa	5	ATMA, Chatra Village Level
Lac Cultivation	Promotion of lac cultivation in forest areas	Lac Cultivation	Farmers	Lac Cultivation	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: CHATRA

Total Number of Blocks-10

(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 contribu-tion	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	210	40	250	05	0.15	0.75	0.75		
b)	Village Level	1225	575	1800	75	0.03	2.25	2.25		
3.	Organizing Demonstrations	200	100	300	300	0.01	3.00	3.00		
4.	Exposure visits of farmers with maximum duration of five days + travel time									
a)	Inter-State	40	10	50	02	0.50	1.00	1.00		
b)	Inter-District	500	100	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	40	10	50	10 group	0.10	1.00	1.00		
	T O T A L	2815	985	3800			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: CHATRA

Total Number of Blocks -10
(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						
B. Farm Information Dissemination										
1.	District level exhibition/ kisan melas/ fruit/vegetable shows	200	150	350	03	1.00	3.00	3.00		
2.	Farm Information Dissemination through printed leaflets, etc. and advertisement	2000	1000	3000	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		3380	1920	5300			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: CHATRA

Total Number of Blocks-10

(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)	50	10	60	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)	700	100	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	640	220	860			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: CHATRA

Total Number of Blocks -10

(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: **CHATRA**

Total Number of Blocks-10

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						0.10							0.10
	Cereals	0.45	0.15	--	--		2.60							3.20
	Oilseeds	--	--	--	--		0.10							0.10
	Pulses	0.50	0.30	--	--		0.10							0.90
	Others	0.30	0.30	0.50	0.30		--				0.10			1.50
	INM	--	--	--	--		0.10				0.10			0.20
	IPM	--	--	--	--		0.10				0.10			0.20
	Others	--	0.30	0.50	0.60	1.00	-	0.20		0.10		0.25		2.95
	Total	1.25	1.05	1.00	0.90	1.00	3.10	0.20	--	0.10	0.30	0.25		9.15
2	Animal Husb.													
	Dairy	0.35	0.45	0.375	0.30		0.20	0.10	0.20	0.10	0.20	0.15		
	Poultry	0.20	0.15	--	--	1.00	0.20	0.10			0.10	0.10		
	Total	0.55	0.60	0.375	0.30	1.00	0.40	0.20	0.20	0.10	0.30	0.25		4.275
3	Horticulture	0.60	0.45	0.875	0.60	1.00	0.50	0.20	0.30	0.10	0.30	0.25		5.175
4	Sericulture	0.20	0.15	0.25	--		0.30	0.10			--			1.00
5	Fisheries	0.20	0.45	0.25	0.30		0.40	0.20			0.10	0.25		2.15
6	Social Forestry	0.20	0.30	0.25	0.30		0.30	0.10						1.45
7	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

