

PARA – 4.1, 4.2 AND 4.3

NAME OF THE DISTRICT : JAMTARA

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	Adoption of Short duration Varieties of Paddy, Wheat & Other crops.	Create Awareness on short duration crop varieties	Technology Available	Demonstration Exposure Visit Field Days		25 02 01		0.25 0.25 0.15
	Promotion of Arhar, Maize intercropping in Upland	Create Awareness on Quality seed and use of Proper Fertilizer	Technology Available	Demonstration Field Days	FLD	60 1	4	1.00 0.15
	Popularization of latest production technology of Pulses & Oilseeds	Create awareness on improvement of Agro Economic Production	Technology Available	Training (dist) Training (vill) Demonstration Kisan Mela		01 10 40 01		0.15 0.30 0.40 1.00
	Exposure of groups to different Successful site	Awareness and Exposure		Exposure Visit		1(inter state) 2(inter Dist)		0.50 0.25
	Popularization of INM	Awareness Creation	Technology Available	Training (vill)		06		0.18
	Popularization of IPM	Awareness Creation	Technology Available	Training (vill)		06		0.18
	Promotion of Commodity based FO	Organizing Farmers Groups of paddy, pulses, Oilseed		Formation of FIG Rewards & Incentives		15 01		0.75 0.20
	Replication of Success Stories on use of latest Proven Technologies	Mass Awareness Campaign		FS Interaction Printing Literature IT-Network		01 05 02		0.10 0.50 0.40
	Self Sufficiency in quality seed production in pulses	Seed village with rev. Fund	Breeder Seed Available.	Providing Foundation seed		30 ha		2.50

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				EXTENSION	RESEARCH	EXTENSION	RESEARCH	
	4.1	4.3	4.2					
H O R T I C U L T U R E	Introduction of Flower Cultivation	Create Awareness and Package of Practices	Technologies Available	Training(dist) Training (vill) Demonstration	FLD	1 04 10	2	0.15 0.12 0.30
	Area expansion of Tuber Crops, Ginger, Oal, Turmeric	Create Awareness	Technologies Available	Training (dist) Training (vill) Demonstration Field days.		1 08 15 1		0.15 0.24 0.15 0.15
	Promotion of vegetable cultivation.	Create Awareness	Technologies Available	Demonstration Training (vil)		5 10		0.05 0.30
	Promotion of Medicinal & Aromatic Plants inclusive spices	Create Awareness on spices, medicinal & aromatic plants	Technologies Available	Exposure Visit Field Days	1 1	0.50 0.15		
	Awareness of Post Harvest Technology	Create Awareness.	Technologies Available	Visit to FIGs of existing ATMA in Jharkhand		2 (inter dist)	0.25	
	Replication of Success Stories	Awareness Campaign	-	Printing Leaflets IT Network F-S Interaction	--	7 2 1	--	0.70 0.40 0.10
	Promotion of Commodity based FO	Organizing Farmers into commodity groups	--	Formation of FIG Rewards & Incentives	-	10 01		0.50 0.20

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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	Popularization of vaccination in Cows & Buffaloes	Create awareness in prevention of diseases improved	Tech. available	Training(vill)		6		0.18
	Promotion of Duckery & Poultry rearing	Awareness of duckery and poultry rearing	Tech. available	Training (dist)		1		0.15
				Training (Vill)		5		0.15
				Demonstration	FLD	60	4	1.00
				Field Days		1		0.15
				Kisan Mela		1		1.00
				Exposure Visit		2		0.25
	Promotion of beetal breeding inGoat rearing	Awareness of improved rearing of Goat	Tech. available	Training(vill) Expo.Visit		5 4 (dist)		0.15 0.50
Promotion of FOs	Encourage farmers to form group		Formation of FIG Rewards & Incentives		10 1		0.50 0.20	
Popularization of Latest Technologies through Success Stories	Mass Awareness Campaign		Printing		03		0.30	
			Leaflets IT Network		01		0.20	

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				EXTENSION	RESEARCH	EXTENSION	RESEARCH	
	4.1	4.3	4.2					
F I S H E R I E S	Popularization of Spawn rearing & Scampi culture	To improve the production technology	Technology available	Training (dist)		1		0.15
				Training (Vill)		5		0.15
				Demonstration		40		0.40
Exposure Visit					2 (inter dist)		0.25	
Field Days					1		0.15	
R I E S	Promotion of Commodity based FOs	Group for Better Market Linkages	Technology Available	Formation of FIG		7		0.35
				Rewards & Incentives		1		0.20
	Replication of Success Stories on use of Latest Proven Technologies			Printing Leaflets		3		0.30

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				EXTENSION	RESEARCH	EXTENSION	RESEARCH	
	4.1	4.3	4.2					
S E R I C U L T U R E	Mulberry Silk development Mulberry Culture	Awareness in mulberry silk production.	Technology available	Training (vill) Demonstration Exposure Visit Field Days		5 25 2 1		0.15 0.25 0.25 0.15
	Promotion of Commodity based FOs			Formation of FIG Rewards & Incentives		8 1		0.40 0.20
	Replication of Success Stories on use of Latest Proven Technologies			Printing Leaflets		2		0.20

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				EXTENSION	RESEARCH	EXTENSION	RESEARCH	
	4.1	4.3	4.2					
S O I L C O N S E R V A T I O N	Promotion of soil & moisture conservation	Creating awareness on soil and moisture conservation	Appropriate technology available	Demon. Of Contour bonding		10		0.10
	Promotion of Agronomical soil and water conservation practices.	Creating awareness on Agronomical soil & water conservation on practices	do	Demon. Of Mixed crops, Cross ploughing Mulching		10		0.10
	Drainage line treatments	Creating awareness on drainage line treatment	do	Field days		01		0.15
	Run off water management Conservation & Development of Bio-Moss	Creating awareness on development of Bio-Moss	do	Training (vill)		05		0.15

NAME OF THE DISTRICT: JAMTARA DISTRICT – HRD PLAN

DEPT	STRATEGY FOR DEVELOPMENT	TRAINING NEED	CADRE OF PARTICIPANTS	TOPICS FOR TRAINING	NO. OF TRAINING	NAME OF THE INSTITUTE FOR TRAINING
Agril.	Popularization of latest production Technology of Pulses & Oilseeds	Adoption of Technology & Awareness on HYVs of Pulses & Oilseeds	BTT/Farmer/FIG	HYV's and Package of Practices of pulses & oilseeds crops	11	ATMA, Jamtara Village Level/ KVK
	Promotion of IPM & INM	Integrated Pest Management Organic Farming	Farmer/FIG	Use of Biopesticides & Popularizing Biological Control Use of Vermicompost & Biofertilizers	12	Village Level/ KVK, Dumka
Hort.	Introducing flower cultivation	Flower production	Farmers	Package of practices of Commercial flower production	5	ATMA, Jamtara Village Level
	Area of Expansion of Tuber crops.	Area Expansion of Ginger & Oel & Turmeric	Farmers	Package and practices Tuber Crops	9	ATMA, Jamtara Village Level/ KVK
	Promotion of vegetable cultivation.	Promotion of Off season vegetables	Farmers	Production techniques of off-season vegetables cultivation.	10	KVK, Dumka Village Level
Animal Husb.	Popularization of Vaccination in Cow & Buffaloes	To aware farmers about prevention of diseases in cow & buffaloes	Farmers	Disease management & Importance of vaccination	3	Village Leve
				1. H.S. 2. B.Q. 3. Anthrax & 4. FMD.	3	Village level
	Promotion of Duckery & Poultry rearing	Rearing of Duckery & Poultry	Farmers	Duckery & poultry rearing & feed management	1	District level KVK./ZRS, Dumka
				Production Technology, Disease Control and Feed Management	5	Village level
	Production of Beetal bread in Goat rearing.	Improved breed of Goat.	Farmers	Goat Rearing & Feed Management	2	Village Level
				Cross breeding, Production, Disease Control & Feed management	3	Village level
Fishery	Popularization of Spawn rearing & Scampi culture	Improved Technology of high productivity of spawn	Farmers	Feed& Disease management & Economics	1	District Fishery Office
					5	Village Level
Sericulture	Mulberry Silk Development	Improved Technology in Mulberry cultivation	Farmers (Growers)	Improved Technology in Mulberry cultivation – Rearing & Spinning	5	Village Level
NRM	Run off Water Management, Conservation & Development of Bio-Mass	Efficient Use of Water	Farmers	Use of Run off water, Conservation and development of Bio-Mass, Vegetative, Pasture Development ,Plantation, Dry land Farming	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 District: JAMTARA

Total Number of Blocks-4

(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						
A. Farmer Oriented Activities										
1.	Developing SREP (Revisit)						2.00	2.00		
2.	Training of Farmers									
a)	District Level	175	75	250	05	0.15	0.75	0.75		
b)	Village Level	1300	575	1875	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	460	200	660	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	300	200	500	50 group	0.05	2.50	2.50		
b)	Seed money/ revolving funds	125	125	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	2715	1220	3935			17.00	17.00		

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: JAMTARA

Total Number of Blocks-4

(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	180	120	300	02	1.00	2.00	2.00		
2.	Farm Information Dissemination through printed leaflets, etc. and advertisement	3200	1800	5000	20	0.10	2.00	2.00		
3.	Development of technology package on electronic form to be shared through IT network	--	--	--	05	0.20	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 of the District: JAMTARA

Total Number of Blocks-4

(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						
C. Agricultural Technology Refinement, Validation and Adoption										
1.	Farmer- Scientist Interaction at District level (25 farmers for two days)	35	15	50	02	0.10	0.20	0.20		
2.	Organization Field Days and Kisan Goshties to strengthen R-E-F linkages (1 per block in each season)	400	200	600	8	0.15	1.20	1.20		
3.	Assessment, Refinement, Validation and Adoption of Frontline Technologies & Researchable issues through KVKs and other local Research Centres	--	--	--	10	0.10	1.00	1.00		
	TOTAL	435	215	650			2.40	2.40		

Table No.5D

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

Name of the State: Jharkhand

Name of the District: JAMTARA

Total Number of Blocks-4

(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	--	--	--		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 refurbishing 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	1.305	2.61	2.61		
	TOTAL					10.31	12.61	12.61		

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: **Jamtara**

Total Number of Blocks-4

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	0.25	--	0.25	0.15						0.20			0.85
	Cereals	--	--	--	--	--	0.25				0.10			0.35
	Oilseeds	0.20	0.15	--	--	--	0.25				0.10			0.70
	Pulses	0.20	0.30	--	--	--	2.75				0.10			3.35
	Others Arhar+maize)	0.60	--	--	0.15				0.40					1.15
	INM	--	0.18	--	--	--	--	--	--	--	0.10			0.28
	IPM	--	0.18								0.10			0.28
	Others	--	--	0.75	--	1.00	--	0.20		0.10		0.40		2.45
	Total	1.25	0.81	1.00	0.30	1.00	3.25	0.20	0.40	0.10	0.70	0.40		9.41
2	Animal Husb.													
	Dairy/ Duckery	0.30	0.18	0.50		1.00	0.25	0.20	0.20	--	0.20	0.10		2.93
	Poultry	0.30	0.45	0.25	0.15		0.25	-	0.20	--	0.10	0.10		1.80
	Total	0.60	0.63	0.75	0.15	1.00	0.50	0.20	0.40	--	0.30	0.20		4.73
3	Horticulture	0.30	0.96	0.75	0.30	--	0.50	0.20	0.20	0.10	0.50	0.40		4.21
4	Sericulture	0.25	0.15	0.25	0.15		0.40	0.20			0.20			1.60
5	Fisheries	0.40	0.30	0.25	0.15		0.35	0.20			0.30			1.95
6	Social Forestry	0.20	0.15	--	0.15									0.50
7	Others	-	-	--	--								2.00	2.00
	Total	3.00	3.00	3.00	1.20	2.00	5.00	1.00	1.00	0.20	2.00	1.00	2.00	24.40

