

**DISTRICT EXTENSION WORK PLAN (DEWP)**

**OF**

**ATMA, GUMLA**

**2007-08**

**-**

**UNDER CENTRALLY SPONSORED SCHEME**

**SUPPORT TO STATE EXTENSION PROGRAMME FOR EXTENSION REFORMS**

**AGRICULTURAL TECHNOLOGY MANAGEMENT AGENCY  
(ATMA)  
GUMLA, JHARKHAND**

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Ref No:.....

Dated: .....

**CERTIFICATE**

Certified that the District Extension Work Plan (DEWP) for the year 2007-08 of GUMLA district Jharkhand under centrally sponsored scheme "Support to State Extension Programme for Extension Reforms" duly prepared in consultation with Block & District level technical team and is being submitted to Dept. of Agriculture & Cane Development, Govt. of Jharkhand for acceptance and Compilation of State Extension Work Plan (SEWP) at SAMETI, Jharkhand level.

Project Director  
ATMA, GUMLA

Chairman  
ATMA, GUMLA

**DISTRICT EXTENSION WORK PLAN (DEWP) OF  
ATMA, GUMLA JHARKHAND  
FOR THE YEAR 2007-08**

**4.1 Introduction:**

**Location**

Longitude, East	Between	84°02'11"	&	85°01'05"
Latitude, North	Between	22°42'30"	&	23°36'20"

Boundary Districts	<b>West</b>	<b>North</b>	<b>East</b>	<b>South</b>
	Latehar & Chhattisgarh	Lohardaga & Latehar	Ranchi	Simdega

*Source : National Atlas*

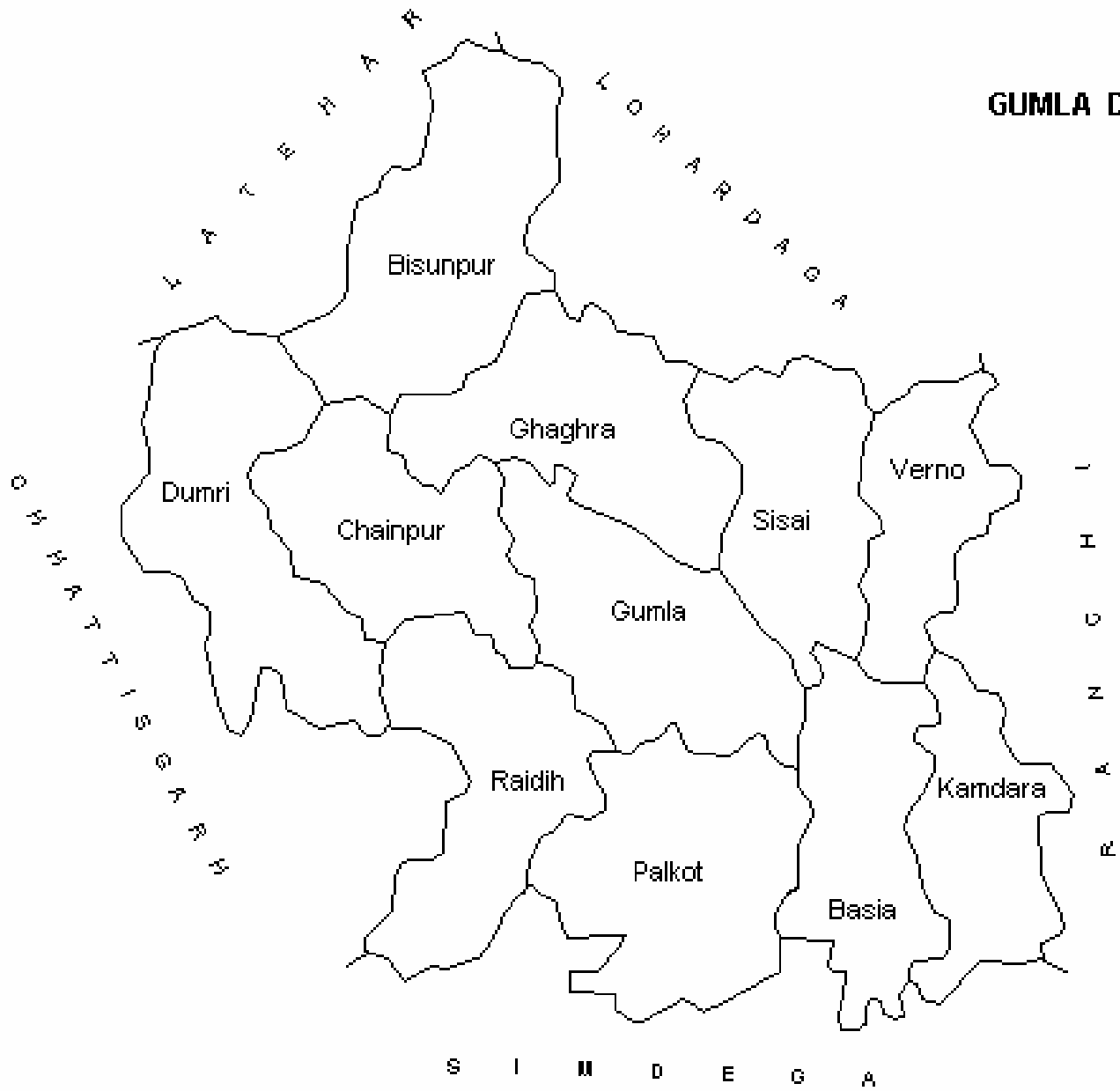
Administrative Classification, nos.	<b>Sub-division</b>	<b>Blocks</b>	<b>Panchayat</b>	<b>Village</b>
	1	11	136	953

*Source : State Census*

(Figures in '000 ha)

<b>Geographical Area</b>	<b>Forest Area</b>	<b>Land Put to Non-Agricultural Use</b>	<b>Barren land</b>	<b>Cultivable Waste Land</b>	<b>Permanent Pasture</b>	<b>Total Population</b>	<b>Village Population</b>
538.92	81.14	29.69	44.55	27.05	0.30	8.31 Lakh	7.91 Lakh

**GUMLA DISTRICT**



**Table No. 1****INFORMATION ON EXTENSION STAFF STRENGTH IN THE GUMLA DISTRICT**

S.No.	Level/location	No. of administrative units at different levels	Designation of the post	Total Number of filled posts	Total number of vacant posts (optional)
1	2	3	4	5	6
<b>1.</b>	<b>District Headquarters</b>	Agril. Dept	DAO	01	00
		Hort. Dept	DHO	01	00
		Soil Cons. Dept	DSCO	01	00
		Fishery	DFO	01	00
		Dairy	DDO	010	00
		Animal Husb	DAHO	101	00
		Sericulture	ADI Tassar	01	00
<b>2</b>	<b>Sub Division</b>		SAO (Gen)	01	00
			SAO (Extn.)	00	00
			SAO (Farm)	01	00
			Agril. Insp	01	00
			JPPO	01	00
			Asst. Soil Chemist	01	00
			SAHO	01	00
			SfishO	01	00
			ADDO	--	00
			DairyEO	--	00
			SHO	02	00
			SCO	03	00
<b>3</b>	<b>Block</b>		BAO	11	00
			Hort. Insp.	00	00
			BAHO/TVO	11	00
			Vet. Asst.	--	00
			FEO	--	00
			VLW	75	00
			PPO	00	11



**TABLE - 1**

NAME OF THE DISTRICT : **GUMLA, JHARKHAND**

**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		NO. OF UNITS PROPOSED		AMOUNT IN LAKHS
				EXTENSION	RES	EXTN	RES	
A G R I C U L T U R E	Expansion on area under cereals, pulses and oilseeds	Awareness regarding cultivation practices and Improved crop management	Appropriate tech. available	Training (within District)		01		0.60
				Demonstration		05		0.20
				F-F Demonstration		01		0.10
				Within District Exposure		01		0.075
	Popularisation of new technology of rice cultivation	SRI cultivation	"	Demonstration		05		0.20
			F-F Demonstration		01		0.10	
			Within District Exposure		01		0.075	
	Popularization of INM / IPM		"	Training (within District)		01		0.60
				Within District Exposure		01		0.075
				Field Days		02		0.30
	Promotion of Commodity based FOs	Organising farmers in to groups	"	Formation of FIG		02		0.10
				Seed Money/ RF		01		0.10
	Replication of Success stories of Proven Technologies	Mass Awareness Campaign		F-S Interaction		01		0.20
				Kisan Mela		01		1.00
				Printing of Leaflet		01		0.20

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				EXTENSION	RES	EXTN	RES	
H O R T I C U L T U R E	Expansion of Area under vegetable production	Awareness on improved Seed and Crop Management.	Appropriate Technology	Demonstration		08		0.32
				F-F Demonstration		02		0.20
				Within district Exposure		01		0.075
	Promotion of Organic Vegetable Production	Create awareness on vegetable production with organic manures.	--	Training (Within District)		01		0.60
				Demonstration		06		0.24
				F-F Demonstration		01		0.10
Popularization of vegetable Nursery Management	Create Awareness for nursery management.	--	Field Days		02		0.30	
			Training (Within District)		01		0.60	
			Within District Exposure		01		0.075	
Promotion of Commodity based FOs	Organizing farmers in to groups	“	Field Days		02		0.30	
			Formation of FIG		02		0.10	
Replication of Success stories of Proven Technologies	Mass Awareness Campaign	--	Seed Money/ RF		01		0.10	
			F-S Interaction		01		0.20	
				Printing of Leaflet		01		0.20

**TABLE - 1**NAME OF THE DISTRICT : **GUMLA, JHARKHAND**

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

DEPT.	STRATEGY PROPOSED	THRUST AREAS FOR EXTENSION	RESEARCH NEED	ACTIVITY PROPOSED		NO. OF UNITS PROPOSED		AMOUNT IN LAKHS	
				EXTENSION	RES	EXTN	RES		
A N I M A L  H U S B A N D A R Y	Popularization of Improved Breed of Goat, Pig, Poultry & Duck	Breed Improvement & Income generating Approach		Training (within District)		01		0.60	
				Within District Exposure		01		0.075	
				Field Days		01		0.15	
	Popularization of artificial Insemination				Demonstration		10		0.40
					F-F Demonstration		02		0.20
Field Days						01		0.15	
Promotion of Commodity based FOs	Organizing farmers in to groups		“	Formation of FIG		02		0.10	
				Seed Money/ RF		01		0.10	
Replication of Success stories of Proven Technologies	Mass Awareness Campaign			Printing of Leaflet		01		0.20	

**TABLE - 1**NAME OF THE DISTRICT : **GUMLA, JHARKHAND****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	RESEARC H NEED	ACTIVITY PROPOSED		NO. OF UNITS PROPOSED		AMOUNT IN LAKHS
				EXTENSION	RES	EXTN	RES	
F I S H E R Y	Introduction of Composite Fish Farming	For Maximize Output		Demonstration		08		0.32
				F-F Demonstration Within District		02		0.20
				Field Days		01		0.075
						02		0.30
	Popularization of spawn rearing of scampi culture			Training (Within District) Within District Exposure		01 01		0.60 0.075
Promotion of commodity based FOs	Organizing fish farmers in to groups		“	Formation of FIG		02		0.10
				Seed Money/ RF		01		0.10
Replication of Success stories of Proven Technologies	Mass Awareness Campaign			Printing of Leaflet		01		0.20

**TABLE - 1**NAME OF THE DISTRICT : **GUMLA, JHARKHAND****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		NO. OF UNITS PROPOSED		AMOUNT IN LAKHS
				EXTENSION	RES	EXTN	RES	
S E R I C U L T U R E	Expansion of area under Tassar Rearing.	Employment & Income Generation Activities		Training (Within District) Within District Exposure		01 01		0.60 0.075
	Improvement of Quality of Tassar Cocoon Production			Demonstration F-F Demonstration Field days		08 01 01		0.32 0.10 0.15
	Promotion of commodity based FOs	Organizing fish farmers in to groups	"	Formation of FIG Seed Money/ RF		02 01		0.10 0.10
	Replication of success stories	Awareness campaign	"	Printing of Leaflet		01		0.20



**HRD PLAN  
NAME OF THE DISTRICT - GUMLA**

Name of Dept	Strategy for HRD as per SREP	type of participants*	Topics for training based on training needs	No. of trainings			Name of institute
				Inter State	Within State	Within District	
Agriculture	Expansion of Area under Cereals, Pulses and Oilseeds	Farmers	Area Expansion for Cereals , Pulses & Oilseeds	--	--	01	KVK/ ATMA
	Popularization of INM/ IPM	Farmers	Awareness on INM/ IPM	--	--	01	KVK/ ATMA
Horticulture	Promotion of Organic Vegetable Production	Farmers	Organic Vegetable Production	--	--	01	KVK/ ATMA
	Popularization of Vegetable Nursery Management	Farmers	Nursery Management	--	--	01	KVK/ ATMA
Animal Husbandry	Popularization of improved Breed of Goat, Pig, Poultry & Duck	Farmers	Breed Improvement	--	--	01	KVK/ ATMA
Fishery	Popularization of Spawn rearing of scampi culture	Farmers	Spawn rearing of Scampi culture	--	--	01	KVK/ ATMA
Sericulture	Expansion of Area under Tassar Rearing	Farmers	Tassar rearing techniques	--	--	01	KVK/ ATMA
NR M	Adoption of Soil and Water Conservation measures	Farmers	Soil and Water Conservation	--	--	01	KVK/ ATMA
<b>ABSTRACT – Training (Inter State) - 00</b>				<b>Training (Within State) - 00</b>		<b>Training (Within District) - 08</b>	

Table No. 6

AGRICULTURAL TECHNOLOGY MANAGEMENT AGENCY (ATMA)

Name of the State: Jharkhand

Name of the District – GUMLA

No. of Block – 11

**B. District Level Activities\*****( Rs. in lakh )**

S. No.	Activity	Number of beneficiaries to be covered			Number of Units/ activity	Cost per Unit/ activity	Total Fund required	Contribution from the Scheme	Beneficiary contribution	Contribution from any other scheme	SEWP 06-07	
		Men	Women	Total							Allocation	Expenditure up to 31-03-07
<b>I. Farmer Oriented Activities</b>												
<b>B.1</b>	Developing SREP	--	--	--	01	2.50	2.50	2.50	--	--		
<b>B.2</b>	Training of Farmers											
➤	Interstate				--	--	--	--				
➤	Within State				--	--	--	--				
➤	Within District				08	0.60	4.80	4.80				
<b>B.3</b>	Organizing Demonstrations											
	Demonstration (Agri.)				10	0.04	0.40	0.40				
	Demonstration (Allied Sector)				40	0.04	1.60	1.60				
	Farmers to Farmers Tech. Demo				10	0.10	1.00	1.00				
<b>B.4</b>	Exposure visits of farmers with maximum duration of five days + travel time											
➤	Inter-State				--	--	--	--				
➤	Within the State				--	--	--	--				
➤	Within District				10	0.075	0.75	0.75				
<b>B.5</b>	Mobilization of Farmers' Groups – FIG/ WIG/FOs/COs/ FCs											
➤	Their Capacity building, skill development				10	0.05	0.50	0.50				
➤	Seed money/ revolving funds				05	0.10	0.50	0.50				
<b>B.6</b>	Rewards/ incentives to best organized groups				--	0.20	--	--				
B.7	Farmer Awards – Dist. Level				--	0.25	--	--				
	Farmers Awards – Block Level				--	0.10	--	--				
	<b>TOTAL</b>						<b>12.05</b>	<b>12.05</b>				

Table. 6 (contd...)

(Rs. in lakh)

S. No.	Activity	Number of beneficiaries to be covered			Number of Units/ activity	Cost per Unit/ activity	Total Fund required	Contribution from the Scheme	Beneficiary contribution	Contribution from any other scheme	SEWP 06-07	
		Men	Women	Total							Allocation	Expenditure up to 31-03-07
<b>II. Farm Information Dissemination</b>												
B.8	District level exhibition/ kisan melas/ fruit/vegetable shows				01	1.00	1.00	1.00				
B.9	Information Dissemination through printed leaflets, etc. and advertisement				05	0.20	1.00	1.00				
B.10	Development of technology package on electronic form to be shared through IT network				--	0.20	--	--				
	<b>TOTAL</b>						<b>2.00</b>	<b>2.00</b>				
<b>III. Agricultural Technology Refinement, Validation and Adoption</b>												
B.11	Farmer- Scientist Interaction at District level (25 farmers for two days)				02	0.20	0.40	0.40				
B.12	Organization Field Days and Kisan Goshties to strengthen R-E-F linkages (1 per block in each season)				12	0.15	1.80	1.80				
B.13	Assessment, Refinement, Validation and Adoption of Frontline Technologies & Researchable issues through KVKs and other local Research Centres				--	--						
	<b>TOTAL</b>						<b>2.20</b>	<b>2.20</b>				

Table N0. 6 (contd...)

(Rs. in lakh)

S. No.	Activity	Number of beneficiaries to be covered			Number of Units/ activity	Cost per Unit/ activity	Total Fund required	Contribution from the Scheme	Beneficiary contribution	Contribution from any other scheme	SEWP 06-07	
		Men	Women	Total							Allocation	Expenditure up to 31-03-07
<b>IV .Administrative/Capital Expenses</b>												
<b>B.14</b>	<b>Establishment of ATMA like Institutions</b>											
	<b>Recurring</b>											
➤	TA/DA/ Operational Expenses					2.00	2.00					
➤	Hiring of vehicle / <b>POL</b>					1.00	1.00					
➤	Operational expenses exclusively for block level**					1.00	1.00					
	<b>Non-Recurring</b>											
➤	Equipment*					4.00	4.00					
➤	Civil works and refurbishing of ATMA office*					2.00	2.00					
<b>B.15</b>	<b>Establishment of Block level Farm Information and Advisory Centres</b>											
➤	Providing IT application for effective connectivity				--	--	--	--				
	<b>Total</b>					<b>10.00</b>	<b>10.00</b>					

**SECTOR WISE BREAK-UP OF PROPOSALS UNDER STATE EXTENSION WORK PLAN (SEWP) FOR 2007-08**

**Name of the State: Jharkhand Name of the District: GUMLA Number of Blocks – 11**

S No.	Sector/ Sub-sector	Activities													Sector wise grand total
		Demonstration	Training	Exposure Visits	Field days*	Kisan Mela	Mobilization of FOs	Reward & Incentives	Farmers Awards	Assess & Refinement of Tech	Others				
											Farmer Scientist interaction	Farm Inf. Dessimination	Dev. of E-Packag e	SREP	
1.	Agriculture	0.60	1.20	0.225	0.30	1.00	0.20	--	--	--	0.20	0.20	--	--	<b>3.925</b>
2	Animal husb.	0.60	0.60	0.075	0.30	--	0.20	--	--	--	--	0.20	--	--	<b>1.975</b>
3	Horticulture	0.86	1.20	0.15	0.60	--	0.20	--	--	--	0.20	0.20	--	--	<b>3.410</b>
4	Sericulture	0.42	0.60	0.075	0.15	--	0.20	--	--	--	--	0.20	--	--	<b>1.645</b>
5	Fisheries	0.52	0.60	0.15	0.30	--	0.20	--	---	--	--	0.20	---	--	<b>1.970</b>
6	Social	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Forestry														
7	NRM	--	0.60	0.075	0.15	--	--	--	--	--	--	--	--	--	<b>0.825</b>
8	Lac	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9.	Industry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>10.</b>	<b>Others</b>	--	--	--	--	--	--	--	--	--	--	--	--	<b>2.50</b>	<b>2.500</b>
	<b>Total</b>	<b>3.00</b>	<b>4.80</b>	<b>0.75</b>	<b>1.80</b>	<b>1.00</b>	<b>1.00</b>	--	--	--	<b>0.40</b>	<b>1.00</b>	--	<b>2.50</b>	<b>16.250</b>

20.25