

**DISTRICT AGRICULTURE PLAN (DAP) OF GUMLA DISTRICT  
UNDER NATIONAL AGRICULTURAL DEVELOPMENT PROGRAMME (NADP) 2007-08**

**Name of the District: Gumla**

**No. of Blocks – 11**

**Rs. In Lakhs**

<b>Dept.</b>	<b>Strategy Proposed Under RKVY</b>	<b>Activity Proposed</b>	<b>Unit Cost</b>	<b>No. of Unit</b>	<b>Total Cost</b>
Agriculture	Integrated Development of Food Crops	Demon. Of Summer Moong with Inputs (Fertilizer, Bio-fertilizer, Seeds, & Pesticides etc.) in 0.40 ha	0.10	46.00	4.60
		Demonstration of Summer Moong to know the effect of secondary / micronutrient with Fertilizer & Pesticides etc in consultation with KVK/ ZRS/ SAU Soil Scientists	0.10	55.00	5.50
		Distribution of Summer HYV Moong Seed with Inputs (Fertilizer, Bio-fertilizer & Pesticides)	0.35 / qtl	12.00	4.20
		Farmers Field School at Demonstration Sites of Summer Moong in consultation with SAU/ KVK/ ZRS Scientists	0.15	11.00	1.65
		Distribution of IPM Kits (Bio-pesticides, Bio-fertilizer, Pheromone Trap, Tricodarma & NPV) to progressive farmers	0.03	210.00	6.30
		Demonstration of Summer Maize with Fertilizer & Pesticides etc in consultation with KVK/ ZRS/ SAU Scientists	0.10	55.00	5.50
		Distribution of Summer HYV Maize Seed with Inputs (Fertilizer & Pesticides)	0.35	12.00	4.20
		Distribution of IPM Kits (Bio-pesticides, Bio-fertilizer, Pheromone Trap, Tricodarma & NPV) to progressive farmers	0.03	210.00	6.30
		Farmers Field School at Demonstration Sites of Summer Maize in consultation with SAU/KVK/ZRS Scientists	0.15	11.00	1.65
		Printing of Leaflets/ folders/ booklets on package and practices of summer Maize	0.10	1.00	0.10
			Farm Mechanization	Distribution of Sprayer with accessories to Progressive Farmers	0.0160

		Distribution of Pump set (upto 5 HP/5 HP) with HDPE Pipe (min. 200 ft) to lift water from river/ riverlets/ checkdams/ watershed area to Progressive Farmers	0.45	10.00	4.50
		Distribution of Sprinkler with accessories to progressive farmers	0.35	10.00	3.50
		Distribution of Duster with accessories to progressive farmers	0.02	10.00	0.20
		Distribution of Spade, Gaita, Khurpi & Sickle etc to Progressive Farmers	0.01	3500.00	35.00
		Distribution of Fertilizer Broadcaster Plough with accessories to progressive farmers	0.06	100.00	6.00
	Soil Health Enhancement	Establishment of Soil Testing Lab with pH meter, Calorie meter Flame Photo Meter, glass wares and chemicals etc in consultation with KVK/ZRS/SAU Soil Scientists	10.00	1.00	10.00
		Awareness Trg. Prog. on INM/ Biofertilizer & Organic manures- each block (2 training )- 3 days for 30 persons in consultation with KVK/ ZRS/ SAU Soil Scientists for micronutrient estimation	0.30	16.00	4.80
	Development of Watershed Areas for Improvement of Rain fed Farming System	Field Bunding / Earthen Bunding in Wasteland Area	0.10	80.00	8.00
		Land Leveling in Wasteland Area	0.25	80.00	20.00
		Construction of Micro Lift Irrigation System in Waste Land Area	6.00	2.00	12.00
		Installation of drip irrigation system for 1.0 acre unit of fruit/vegetable/cut flower	0.47	10	4.70
	Support to State Seed Farms	Spade, Khurpi, Gaita, Sickle, Handhoe for 2 seed farms/district.	0.01	80.00	0.80
		Paddy Thresher (Paddle) for 2 seed farm/district	0.04	8.00	0.32
		Scissor, Secateurs, Water Cane, Hand Sprayer, Budding knife for 2 seed farm/district	0.01	80.00	0.80

		Conoweeders for 2 seed farm/district	0.08	20.00	1.60
		Drum Seeder for 2 seed farm/district	0.03	20.00	0.60
		Dryland Weeder for 2 seed farm/district	0.002	25.00	0.05
		Three-tine Weeder for 2 seed farm/district	0.001	26.00	0.03
		Production of Certified Seeds of Moong at Seed Farm (2 acre in each) for 2 seed farm/district	0.20	2.00	0.40
		Land Development at State Seed Farm (1 ha in each) for 2 seed farm/district	0.25/ ha	2.00	0.50
		Construction of Well (20 ft diameter) at Seed Farm for creation of irrigation facilities with Micro Lift Irrigation System for 2 seed farm/district	6.20	2.00	12.40
		Barbed Wire Fencing of Farm for 2 seed farm/district	3.00	2.00	6.00
	Integrated Pest Management	Printing of Leaflet/ Posture/ Booklet on Seed Treatment / IPM Technique (5 unit / district)	0.10	6.00	0.60
		Awareness Programme on Seed Treatment (Kisan Ghosthi - 1 day for 70 persons/ programme)	0.15	10.00	1.50
	Study Tour of Farmers	Exposure Visit to Research Institute like SAU/ ICAR (6 days / 30 persons / programme including journey period)	0.60	4.00	2.40
	Organic & Bio Fertilizer	Production of Vermicompost through Vermicompost pit by progressive farmers	0.15	20.00	3.00
	<b>Sub Total</b>				<b>181.06</b>

Horticulture	Enhancement of Horticulture Production	Distribution of Summer HYV Vegetable Seeds with Inputs (Fertilizer, Pesticides & quality Compost etc)	0.30 / qtl	6.00	1.80
		Demonstration on Summer HYV Vegetable Crops in 0.4 ha with Inputs (Fertilizer & Micronutrients, Pesticides & quality Compost etc)	0.10	50.00	5.00
		Demonstration on Off Season Cauliflower to know the effect of boron (Borax) in 0.4 ha with Fertilizer, Pesticides and quality compost	0.10	50.00	5.00
		Distribution of Borax (Boron) and Sodium Molybdate (Molybdenum) for production of vegetable crops with quality organic inputs and bio-pesticides with IPM Kits	0.05	100.00	5.00
		Trg. Prog. on new technology of Vegetable Production (3 days / 30 person / programme)	0.30	12.00	3.60
		Demonstration on Organic Farming on Spices & Medicinal plants with inputs (Organic Manures / Quality Compost )	0.10	12.00	1.20
		<b>Sub Total</b>			
Animal Husbandry Dairy & Fisheries	Enhancing Animal Husbandry, Fisheries and Dairy Development Activities	Trg on Fish-Duck-Pig farming (8 days for 20 persons) in consultation with Fisheries Dept. of BAU including TA exp.	0.60	5	3.00
		Demonstration on Fish-Duck-Pig/ Poultry bird Farming with Provision of Duck (120 no.), Pig (16 no.)/ Poultry Bird (200 no.), Fish, Lime, Duck Feed and Medicines etc. in consultation with Fisheries Department, BAU, Ranchi.	0.35	2	0.70
		Provision of Back Yard Poultry Farming with Low Input (Vaccine, Medicine & feed etc) Technology (50 Chicks / unit – one month old, like Vanraja, Red Divyayan, Kroyler Carigold, Chandigarh Broiler etc comprising 7 male and 43 female) Birds	0.08	50	4.00
		Demonstration on fodder (Deenanath grass, Napier & Lucerne) crops in 0.4 ha in marginal & sub-marginal land under irrigated condition in summer	0.10	50	5.00
		Purchase and distribution of fodder crops (Lucerne var. Anand-2) Seed with inputs/ha : 10 t FYM+3-4 ton lime + 4 kg boron + 1 kg molybdenum & pesticides for seed production at marginal & sub-marginal land.	0.02	20	0.40

	<b>Sub Total</b>				<b>13.10</b>
Marketing	Strengthening of Market Infrastructure and Marketing Development	Setting of Collection Centers to be run through SHGs	3.00	3.00	9.00
		Formation of SHGs	0.05	14.00	0.70
		Training of SHGs on Market Led Extension (3 days / 30 person / programme)	0.30	3.00	0.90
	<b>Sub Total</b>				<b>10.60</b>
	<b>Non Farm Activities</b>	Assistance to Agri-Entrepreneurs / Agri-graduate to set up Agri-clinics / Agri-Business Centers @ Rs. 1. 50 lakhs / each	1.50	2.00	3.00
	<b>Sub Total</b>				<b>3.00</b>
<b>Lac Production</b>	Promoting Lac Cultivation	Farmers Training on Lac Cultivation	0.30	10.00	3.00
		Demonstration of Lac on Palas and Ber Plant	0.10	50.00	5.00
		Printing of Leaflets/ Literature on Lac Production	0.10	6.00	0.60
	<b>Sub Total</b>				<b>8.60</b>
	<b>Grand Total</b>				<b>237.96</b>

**Director  
SAMETI, Jharkhand**