

**INDIAN COUNCIL OF AGRICULTURAL RESEARCH  
ZONAL PROJECT DIRECTORATE, ZONE-III  
UMIAM, MEGHALAYA**

***Format for Annual Action Plan Formulation of KVKs, Zone-III for 2013-14***

Name of the KVK/District: ..... CHIRANG..... State:..... ASSAM..... Host Organization:... ASSAM AGRIL. UNIVERSITY, JORHAT.....

Please furnish information in the prescribed format pertaining to mandated activities of your KVK targeted to be accomplished during 2013-14

**Discipline: Agronomy**

**Name of the concerned Subject Matter Specialist :.Ranjita Brahma**

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Mandated activities	Thematic Area	Details of Technology	Source and Year	Assess/ Refine	Area (in acre)	Location	Period and Duration	Number of trials/beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
<b>On farm testing</b>	Varietal evaluation	Varietal Performance of Sali rice Var.Gitesh /Prafulla	RARS, Titabar, AAU, 2006	A	0.4	- Majrabari, Bijni -Kayethpara, Boitamari -Sundari, Sidli	Kharif 2013, 150-160 days	2	-	2	1	-	1	3
		Varietal performance in Toria, Var.TS-46	RARS, Shilongani, AAU, Nagaon	A	0.78	-Pub khamarpara, Bijni -Bashbari, Bijni -Sundari, Sidli	Rabi,2013-14, 110-120days	1	-	1	2	-	2	3
		Seed Production												
		Integrated Weed Management	Integrated Weed Mgmt in jute	RARS,Shillongani, AAU, Nagaon	A	0.4	-Sundari, Sidli -Batabari, Bijni -Hasraobari, Kajalgaon	Kharif, 2013-14 120-130days	1	-	1	2	-	2

		Integrated weed management in direct seeded rice	Dept of Agronomy, AAU, 2010	A	0.4	Pub khamarpara, Bijni -Bashbari, Bijni -Sundari, Sidli	Summer, 2014, 130-140days	2	-	2	1	-	1	
	Integrated Nutrient Management													
	Integrated Water Management													
	Tillage Management/ Farm Machinery													
	Integrated Farming System/ Integrated Crop Management													
	Others (Pl. specify)													

Mandated activities	Thematic Area	Technology/Crop/Cropping system	Source and Year	Demo n (No.)	Area (acre)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	Varietal evaluation	Varietal performance of Summer rice variety Dinanath & Swarnabh	RARS, Shillongani, 2008	1	2ha	Batabari, Bijni	Rabi,2013-14, 150-160days	2	-	2	2	-	2	4
	Seed Production													
	Integrated Weed Management	Integrated weed management in Sali rice	Dept.of Agronomy, AAU, 2006	1	2ha	Majrabari, Nijni	Kharif,2013, 155-160 days	3	-	3	1	-	1	4
	Integrated Nutrient Management													
	Integrated Water Management													

	Tillage Management/ Farm Machinery													
	Integrated Farming System/ Integrated Crop Management	Integrated crop management in Summer rice by SRI	ANGRAUT, Hyderabad	1	2 ha	Nowapara, Manikpur	Summer 2014, 155-160days	2	-	2	2	-	2	4
		Integrated crop management in Hybrid Maize	Dept. Of Agronomy, AAU	1	2ha	Sundari, Sidli	Rabi, 2013-14, 150-160 days	1	-	1	3	-	3	4
		Integrated crop management in Toria	RARS, Shillongani, AAU	1	2ha	Gerukabari, Bongaigaon	Rabi,2013-14, 110-120 days	2	-	2	2	-	2	4
		Integrated crop management in Lentil	RARS,Shillongani, AAU	1	2ha	Pub Khamarpara, Bijni	Rabi 2013-14, 110-120 days	1		1	3	-	3	4
		Others (Pl. specify)	Production of Potato with TPS	CPRI ,Shimla		2ha	Hasraobari, Kajalgaon	Rabi 2013-14, 150-160 days	2	-	2	2	-	2
		Improved cultivation practices of Niger	RARS, Shillongani, AAU	1	1ha	Silpota, Kajalgaon	Rabi 2013-14, 100-110 days	1	-	1	2	-	2	3
		Improved cultivation practices of Buckwheat	RARS, Gossaigaon, AAU	1	1ha	Sundari, Sidli	Rabi 2013-14, 90-110 days	2	-	2	1	-	1	3

Mandated activities	Target group	Title of the training programme	Period of the year	Duration (in days)	On/Off campus	Number of beneficiaries						Remarks	
						SC/ST			General				Grand Total
						M	F	Total	M	F	Total		
On and Off campus training programmes	Farmer and Farm women	1.Nursery raising technique in Sali rice	Kharif 2013	1day	Off campus			25				25	
		2. Integrated weed management in rice.	Kharif, 2013	1day	Off campus			25				25	
		3.Crop diversification	Kharif, 2013	1day	Off campus			25				25	
		4.Increasing productivity with intercropping	Kharif 2013	1day	Off campus			25				25	

		5.Pulse based cropping system	Rabi 2013-14	1day	Off campus			25				25	
		6. Increasing productivity of oilseed crops.	Rabi 2013-14	1day	Off campus			25				25	
		7.Fodder production	Kharif 2013	1day	Off campus			25				25	
Rural Youth		1.integrated farming system	Rabi 2013-14	1day	Off campus			20				20	
		2Modern farm implements & Machinery	Kharif 2012-13	1day	Off campus			20				20	
		3.system of rice intensification	Rabi 2013-14	1day	Off campus			20				20	
Extension Personnel		1Integrated Nutrient management	Kharif, 2013-14	1day	On campus			20				20	
		2.system of rice intensification	Rabi 2013-14	1day	On campus			20				20	
Civil Society													
NGO													
Others (Pl. specify)													

Vocational training programmes	Farmer and Farm women	1.production strategies involved in cropping intensity	Kharif, 2013	2day	On campus			20				20	
	Rural Youth	1Post harvest management	Kharif 2013	2day	On campus			20				20	
	Extension Personnel	1 Irrigation management	Rabi 2013-14	2day	On campus			20				20	
	Civil Society												
	NGO												
	Others (Pl. specify)												

Sponsored training programmes													Sponsoring authority
	Farmer and Farm women												
	Rural Youth	1.weed management	Kharif 2013	1day	Off campus			20				20	
	Extension Personnel												
	Civil Society												
	NGO												
Others (Pl. specify)													
Mandated activities	Specific activity	Number of activities	Period of the year	Duration (in days)	Number of beneficiaries						Grand Total	Remarks	
					SC/ST			General					
					M	F	Total	M	F	Total			
Extension Activities	Diagnostic visit	4		1								10	
	Advisory services												
	Training Manual												
	Celebration of Important days												
	Exhibition												
	Exposure visit												
	Extension literature												
	Farm Science Clubs' Convenors meet												
	Farmers' Seminar												
	Farmers' visit to KVKs												
	Field day												
	Film show												
	Kishan Goshthi												
	Group Meeting												
	Kishan Mela												
Literature delivered													
Method demonstration	1.Method of seed inoculation with Bio-fertilizer in Legume crops		1	Kharif' 13							25		

		2.Application of fertilizer in plantation crops	1	Rabi' 13 -14							25		
	Scientists' visit to farmers' field												
	Workshop												
	Awareness camp												

### SEED PRODUCTION

Crop	Variety	Quantity (qt)		Type of seed	
		Target	Achievements	Certified	Foundation
Rice	Ranjit	1000 q			
Toria	TS-38	40 q			
Sesame	ST-1683	2 q			
Lentil	PL-406	50 q			
Boro rice	Joymoti	300 q			

### Activity Calendar

Month	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
<b>Activity</b>	1. preparation of proposal of training, FLD for sanction	Planning for FLD on Sali rice	Seed sowing for FLD on Varietal Performance of Sali rice Var.Gitesh /Prafulla	1. Training on rice	Transplanting of rice seedling of Gitesh/Prafulla in field	1. collection of data on growth	1.	1.	1. Harvesting and collection of data of yield parameters	1.	OFT on Integrated weed management in direct seeded rice	1.
	2.	Training of nursery raising of rice	Training on pulse based cropping system	Preparation for seed production of Sesamum in farmers field		2.	2. training on post harvest management	2.		Training on SRI	FLD on Integrated crop management in Summer rice by SRI	
	3. Preparation for OFT on Integrated Weed Mgmt in jute	Sowing & application of treatment for OFT on Integrated Weed	Training on IWM	Collection and analysis	Training on increasing productivity on oilseed crops	OFT on Varietal performance in Toria, Var.TS-46		Collection of Data on growth parameters	Harvesting and collection of data on yield parameters	Technology showcasing rabi,2013-14, Boro rice seed,fertilizer distribution		

4.	Planning for FLD on Integrated weed management in Sali rice	Seed sowing and application of treatment		Collection of data for weed count and growth		Harvesting and yield data and analysis		Preparation for FLD Varietal performance of Summer rice variety Dinanath & Swarnabh	Sowing of Summer rice variety Dinanath & Swarnabh	Transplanting of Dinanath & swarnabh	
5.		Farmers selection for technology showcasing Kharif2013	Distribution of seed , fertilizer to the farmers of tech .show., programme			FLD on Integrated crop management in Hybrid Maize			Field day	Harvesting and data collection on yield parameters	
6		Training on seed production				FLD on Integrated crop management in Toria					
7			Training on INM in Sali rice			FLD on Integrated crop management in Lentil		Method demonstration			
8	Method demonstration				Training on crop diversification	FLD on Production of Potato with TPS					
9			Diagnostic visit		Improved cultivation practices of Niger			Training on farm machinery	Diagnostic visit		
10						FLD on Improved cultivation practices of Buckwheat			Harvesting and collection of data on yield parameters		

**Discipline: Horticulture**

**Name of the concerned Subject Matter Specialist:**.....Mr. Bhaskarjyoti Sarma..... **Contact No:**..... +91-9435092275.....

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Mandated activities	Thematic Area	Details of Technology	Source and Year	Assess/Refine	Area (in acre)	Location	Period and Duration	Number of trials/beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
On farm testing	Varietal Performance	<b>Title:</b> Varietal evaluation of brinjal var. Longai <b>Technology:</b> High yielding excellent quality brinjal var. Longai	In pipeline	A	0.37	Sundarpur, Pub-Ankorbari, Pundibari	4 months (Sept, 13-Jan, 14)	1	0	1	2	0	2	3
	Integrated Crop Management	<b>Title:</b> Cultivation of gynodioecious hybrid papaya 'Surya' as table fruit <b>Technology:</b> High yielding Gynodioecious papaya hybrid 'Surya'	IHR, 2009	A	0.74	Sidli, Birhangaon, Noapara	1 year (Jun, 13-May, 14)	1	0	1	2	0	2	3
	Integrated Nutrient Management	<b>Title:</b> Nutrient Management in Hybrid Tomato <b>Technology:</b> Recommended dose of fertilizer + 100 ppm ZnSO <sub>4</sub> thrice at 10 days interval starting from 40 DAP	AICRP on Horticulture, 2008	A	0.74	Saragaon, Pub-Khamarpara, Kasikotra	6 months (Oct, 13-Mar, 14)	0	0	0	3	0	3	3
	Postharvest	<b>Title:</b> Vase life enhancement through pulsing treatment in Tuberose <b>Technology:</b> Pulsing with citric acid (300 ppm) + Sucrose (2%)	AICRP on Horticulture, 2008	A	0.22	Pundibari, Saonagaon, Birhangaon	1 year (Feb, 14-Jan, 15)	0	1	1	2	0	2	3
	Others (Pl. specify)													
Mandated activities	Thematic Area	Technology/Crop/Cropping system	Source and Year	Demon (No.)	Area (in acre)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	



<b>Front Line Demonstration</b>	Varietal performance	Popularization of Gerbera cv. Red Gem	Package of practices <i>Rabi</i> , AAU, Jorhat	1	0.74	Pundibari, Birhangaon	1 year (Oct, 13 – Sep, 14)	4	0	4	2	0	2	6
	Water Mgmt	Water management in potato	Package of practices <i>Rabi</i> , AAU, Jorhat	1	2.47	Bhutiapara	4 months (Nov, 13- Feb, 14)	0	0	0	6	0	6	6
	Integrated Crop Management	Popularization of banana cv. Malbhog in new areas	Package of practices <i>Rabi</i> , AAU, Jorhat	1	2.47	Laugaon	1.17 year (May, 13 – Jun, 14)	0	0	0	10	0	10	10
	Mechanization	Drip irrigation in watermelon	Package of practices <i>Rabi</i> , AAU, Jorhat	1	12.35	Chowraguri	6 months (Nov, 13- Apr, 14)	2	0	2	8	0	8	10

Mandated activities	Target group	Title of the training programme	Period of the year	Duration (in days)	On/Off campus	Number of beneficiaries						Remarks	
						SC/ST			General				Grand Total
						M	F	Total	M	F	Total		
<b>On and Off campus training programmes</b>	Farmer and Farm women	Cultivation of Assam Lemon in a scientific way	May, 13	1 day	OFF	4	0	4	20	1	21	25	
		Propagation techniques of major fruit crops	Jun, 13	1 day	OFF	6	2	8	14	3	17	25	
		Round the year cultivation of vegetables under protected condition	Jul, 13	1 day	OFF	14	0	14	11	0	11	25	
		Production of high value winter vegetables in a commercial way	Aug, 13	1 day	OFF	4	0	4	20	1	21	25	
		Nursery management of vegetable crops	Aug, 13	1 day	OFF	0	0	0	25	0	25	25	
		Commercial cultivation of capsicum	Sep, 13	1 day	OFF	2	1	3	20	2	22	25	
		Propagation of major flower crops of Assam	Sep, 13	1 day	OFF	2	6	8	10	7	17	25	
		Self employment through banana cultivation	Feb, 14	1 day	OFF	5	0	5	20	0	20	25	
		Commercial cultivation of gourd vegetables	Feb, 14	1 day	OFF	2	1	3	20	2	22	25	

		Scientific management practices of summer vegetables	Mar, 14	1 day	OFF	3	1	4	18	3	21	25	
	Rural Youth	Protected cultivation of vegetable crops	Sept, 13	1 day	OFF	0	18	18	0	7	7	25	
		Nursery business for self-employment	Oct, 13	1 day	OFF	5	0	5	20	0	20	25	
	Extension Personnel	Protected cultivation technology	Jan, 14	1 day	ON	3	3	6	14	0	14	20	
	Civil Society												
	NGO												
	Others (Pl. specify)												
<b>Vocational training programmes</b>	Farmer and Farm women	Nursery Business for self employment	Nov, 13	3 days	ON	3	2	5	10	5	15	20	
	Rural Youth	Nursery Business for self employment	Dec, 13	3 days	ON	4	1	5	12	3	15	20	
	Extension Personnel												
	Civil Society												
	NGO												
	Others (Pl. specify)												
<b>Sponsored training programmes</b>													<b>Sponsoring authority</b>
	Farmer and Farm women	Commercial cultivation of Summer Vegetables	April, 13	3 days	ON	9	1	10	26	4	30	40	SIRD, Assam
		Improved vegetable production technologies	April, 13	3 days	OFF	2	0	2	38	0	38	40	SIRD, Assam
	Rural Youth												
	Extension Personnel												
	Civil Society												
	NGO												
Others													

Mandated activities	Specific activity	Number of activities	Period of the year	Duration (in days)	Number of beneficiaries						Remarks	
					SC/ST			General				Grand Total
					M	F	Total	M	F	Total		
Extension Activities	Diagnostic visit	8 Nos.	April, 13 – March, 14	1 day x 8	3	0	2	5	0	4	8	
	Advisory services	50 Nos.	April, 13 – March, 14	-	18	4	22	21	7	28	50	
	Training Manual											
	Celebration of Important days	2 nos.	April, 13 – March, 14	-	-	-	-	-	-	-	-	
	Exhibition	3 nos.	April, 13 – March, 14	-	-	-	-	-	-	-	-	
	Exposure visit											
	Extension literature	5 No.	April, 13 – March, 14	-	-	-	-	-	-	-	-	
	Farm Science Clubs' Convenors meet											
	Farmers' Seminar/ interaction	1 No.	Dec, 13	1 day	5	3	8	15	2	17	25	
	Farmers' visit to KVKs											
	Field day	2 Nos.	April, 13 – March, 14	2 days	10	5	15	30	5	35	50	
	Film show											
	Kishan Goshthi											
	Group Meeting											
	Kishan Mela											
	Lecture delivered	15 Nos.	April, 13 – March, 14	15 days	-	-	-	-	-	-	-	
	Method demonstration	4 Nos.	April, 13 – March, 14	4 days	20	10	30	30	20	50	80	
	Scientists' visit to farmers' field	24 Nos.	April, 13 – March, 14	24 days	5	5	10	10	4	14	24	
	Workshop											
Awareness camp												

**Biogenesis/ Production of Bio-agents:**

Product	Quantity (No/ qt)	
	Target	Achievement

**Activity Calendar**

Month	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
<b>Activity</b>	1.Training	1.Training	1.Training	1.Training	1. Training	1. Training	1. Training	1. Training	1. Training	1. Training	1. Training	1. Training
	2. Advisory services	2. FLD	2. FLD	2. FLD	2. FLD	2. On Farm testing (OFT)	2. On Farm testing (OFT)	2. On Farm testing (OFT)	2. On Farm testing (OFT)	2. On Farm testing (OFT)	2. On Farm testing (OFT)	2. On Farm testing (OFT)
	3. Field visit	3. Field visit	3. Field visit	3. Field visit	3. Method demonstration	3. Front line demonstration (FLD)	3. Front line demonstration (FLD)	3. Front line demonstration (FLD)	3. Front line demonstration (FLD)	3. Front line demonstration (FLD)	3. Front line demonstration (FLD)	3. Front line demonstration (FLD)
	4. Extension literature	4. Diagnostic visit	4. Diagnostic visit	4. Diagnostic visit	4. Advisory services	4. Method demonstration	4. Method demonstration	4. Extension literature develop	4. Celebration of Day	4. Method demonstration	4. Advisory services	4. Advisory services
	5. Lecture as resource person	5. Lecture as resource person	5. Advisory Services	5. Lecture delivered	5. Field visit	5. Advisory services	5. Advisory services	5. Advisory services	5. Farmer scientist interaction programme	5. Advisory services	5. Field visit	5. Field visit
		6. Advisory Services	6. Extension literature develop	6. Advisory services	6. Lecture as resource person	6. Field visit	6. Field visit	6. Field visit	6. Advisory services	6. Field visit	6. Diagnostic visit	6. Diagnostic visit
		7. Method demonstration			7. Celebration of day	7. Diagnostic visit	7. Diagnostic visit	7. Diagnostic visit	7. Field visit	7. Diagnostic visit	7. Lecture as resource person	7. Lecture as resource person
						8. Farmer-Scientist interaction	8. Lecture as resource person	8. Lecture as resource person	8. Diagnostic visit	8. Lecture as resource person	8. Field Day	8. Extension literature develop
									9. Lecture as resource person	9. Field Day		

**Discipline: Soil Science**

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Mandate activities	Thematic Area	Details of Technology	Source and Year	Assess /Refine	Area (in acre)	Location	Period and Duration	Number of trials/beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
On farm testing	Soil health	Title: Green manuring in Sali / Boro rice with Azolla (i)Application of 100% of recommended dose of fertilizer (ii)Application of Azolla Green manure @ 500kg/ha and 75% of recommended dose of N fertilizer and full dose of P and K fertilizer/ha (iii) Application of Azolla Green manure @ 500kg/ha and 50% of recommended dose of N fertilizer and full dose of P and K fertilizer/ha	Assam Agricultural University, Jorhat-13	Assessment	1.06 ac	Dompara, Nowagaon & Batabari	May-Mid Oct (5.5 months) / Dec-May (6 months)	1		1	2		2	3
	Soil management	Title: Fertilizer mixed biofertilizer-enriched-compost for nutrient management in chilli ( <i>Capsicum annum</i> ) after winter rice Biofertilizer incubated (15 days, <i>Azospirillum</i> , <i>Azotobacter</i> and PSB @ 1% on dry weight basis) vermicompost 1.0 t ha <sup>-1</sup> mixed with 50% RD fertilizer, applied in ring method in 2 equal splits at planting and at 30 DAP	DWSR Centre, Department of Agronomy and Soil Science, AAU, Jorhat	Assessment	0.57 ac	Manikpur, Kashikotra & Batabari	Dec-Mar (4 months)				3		3	3
	Soil testing													
	Soil amendment (Lime/Others)													
Soil biology (BGA/Azolla)														

Soil microbes (beneficial)	Title: Partial substitution of weed biomass by rice stubble for vermicompost preparation Substitution of weed biomass by 20% with rice stubble in vermicompost production	DWSR Centre, Department of Agronomy and Soil Science, AAU, Jorhat	Assessment	3 units	Manikpur, Bijni & Sidli	Nov-Apr (Six months)				3		3	3
Any other (pl. specify)	Title: Soil moisture conservation using mulching in Okra	Assam Agricultural University, Jorhat	Assessment	0.25 ac	No. 1 Chota Laugaon	Mar – May (3 months)	2		2				2

Mandated activities	Thematic Area	Technology/Crop/Cropping system	Source and Year	Demo (No.)	Area (in acre)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	Soil health													
	Soil management	i. Cultivation practices of Toria with recommended dose of fertilizer & Borax / Toria / Rice – Toria	RARS, Shillongani, AAU, Nagaon	3	7.41 ac	Kukurmar i, Bijni & Manikpur	Mid Oct-Mid Feb / Four months	1		1	2		2	3
		ii. Potash management in lentil / Lentil / Rice - Lentil	RARS, Shillongani, AAU, Nagaon	12	7.41 ac	Bijni	Mid Oct-Mid Feb / Four months	5		5	7		7	12
	Soil testing													
	Soil amendment (Lime/ Others)													
	Soil biology (BGA/ Azolla)													
	Soil microbes (beneficial)	Production of vermicompost in low cost vermicomposting unit	Assam Agricultural University	3	3 units	Kashikotra, Dhaligaon & Sidli	May-Oct / Six months				3		3	3
Any other (Pl. specify)														

Mandate activities	Target group	Title of the training programme	Period of the year	Duration (in days)	On/Off campus	Number of beneficiaries						Remarks		
						SC/ST			General				Grand Total	
						M	F	Total	M	F	Total			
On and Off campus training programmes	Farmer and Farm women	i. Soil fertility management in rice base cropping system	May/Nov	1 day	Off campus	12	3	15	25	10	35	50		
		ii. Soil & water conservation for sustainable crop productivity	Sept	1 day	Off campus	8	-	8	17	-	17	25		
		iii. Integrated nutrient management in rice	April / Jul	1 day	Off campus	13	2	15	25	10	35	50		
		iv. Production & use of organic inputs	Jun	1 day & 2days	Off campus	10	0	10	15	0	15	25		
		v. Management of problematic soils in rice base cropping system	Aug	1 day	Off campus	8	0	8	11	0	17	25		
		vi. Nutrient use efficiency in base cropping system	Oct	2 days	Off campus	5	2	7	13	7	18	25		
		vii. Soil testing, its importance & procedure	Dec	2 days	Off campus	5	2	7		5	18	25		
	Rural Youth	i. Production of organic inputs for sustainable Agriculture	Jan/Mar	2 days	Off campus	10	6	16	26	8	34	50		
		ii. Vermicomposting , its importance & use	Feb	2days	Off campus	6	4	10	10	5	15	25		
	Extension Personnel													
	Civil Society													
	NGO													
Others (Pl. specify)														
Vocational training programmes	Farmer and Farm women													
	Rural Youth													
	Extension													

	Personnel														
	Civil Society														
	NGO														
	Others (Pl. specify)														
<b>Sponsored training programmes</b>															<b>Sponsoring authority</b>
	Farmer and Farm women	Production & use of organic inputs	Jun	2 days	Off campus	14	4	18	30	2	32	50			
	Rural Youth														
	Extension Personnel														
	Civil Society														
	NGO														
	Others (Pl. specify)														
Mandated activities	Specific activity	Number of activities	Period of the year	Duration (in days)	Number of beneficiaries							Remarks			
					SC/ST			General			Grand Total				
					M	F	Total	M	F	Total					
<b>Extension Activities</b>	Diagnostic visit	12	April'13 -Mar'14 @ 1visit/month	1 day	5	1	6	5	1	6	12				
	Advisory services	12	April'13- Mar'14 Av.@ 1 advisory srvice/month	1 day	5	4	9	9	6	15	24				
	Training Manual														
	Celebration of Important days	1	16 Oct'13	1 day	15	10	25	18	7	25	50				
	Exhibition	1													
	Exposure visit														
	Extension literature	2	Dec'13												
Farm Science Clubs'															



Convenors meet											
Farmers' Seminar											
Farmers' visit to KVKs											
Field day	2	Jan '14 & Feb'14	1 day each	12	10	22	20	8	28	50	
Film show											
Kishan Goshthi											
Group Meeting											
Kishan Mela											
Literature delivered	12	April'13- Mar'14 @ 1lecture/month									
Method demonstration	4	May'13,Jun'13, Jul'13 & Aug'13									
Scientists' visit to farmers' field	15	April'13- Mar'14									
Workshop											
Awareness camp (Soil Health camp)	1	Dec'13									

**Production of Bio-fertilizers/ Vermicompost etc.**

Product	Quantity (qt)	
	Target	Achievements
Vermicompost	10.0	
Azolla	1.5	

**Activity Calendar**

Month	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
<b>Activity</b>	1. Training on Integrated nutrient management in rice	1. Training on Soil fertility management in rice base cropping system	1. Training on Production & use of organic inputs	1. Training on Integrated nutrient management in rice	1. Training on Management of problematic soils in rice base cropping	1. Training on Soil & water conservation for sustainable crop productivity	1. Training on Nutrient use efficiency in base cropping system	1. Training on Soil fertility management in rice base cropping system	1. Training on Soil testing, its importance & procedure	1. Training on Production of organic inputs for sustainable Agriculture	1. Training on Vermicomposting, its importance & use	1. Training on Production of organic inputs for sustainable Agriculture

2. Data collection of OFT on Soil moisture conservation using mulching in Okra (OFT 1)	2. Starting FLD on Production of vermicompost in low cost vermicomposting unit (FLD 1)	2. Data collection OFT 1	2. Data collection FLD 1	2. Data collection OFT 2	2.	2. Starting FLD on (i) Cultivation practices of Toria with recommended dose of fertilizer & Borax (FLD 2) (ii) Potash management in lentil (FLD 3)	2. Starting OFT on Partial substitution of weed biomass by rice stubble for vermicompost preparation Substitution of weed biomass by 20% with rice stubble in vermicompost production(OFT 3)	2. Starting OFT on Fertilizer mixed biofertilizer-enriched-compost for nutrient management in chilli ( <i>Capsicum annum</i> ) after winter rice [OFT 4]	2. Data collection OFT 3	2. Data collection OFT 2, FLD 2 & FLD 3	2. Data collection OFT 4
3. Planning (site & beneficiary selection) for OFT on Green manuring in Sali rice with Azolla (OFT 2)	3. Starting OFT on Green manuring in Sali rice with Azolla (OFT 2)	3. Method demonstration on Azolla cultivation & application in Sali paddy	3. Method demonstration on Vermicomposting	3. Method demonstration on Vermicomposting	3. Planning (site & beneficiary selection) for FLD on (i) Cultivation practices of Toria with recommended dose of fertilizer & Borax (FLD 2) (ii) Potash management in lentil (FLD 3)	3. Planning (site & beneficiary selection) for OFT on Partial substitution of weed biomass by rice stubble for vermicompost preparation Substitution of weed biomass by 20% with rice stubble in vermicompost production(OFT 3)	3. Planning (site & beneficiary selection) for OFT on Fertilizer mixed biofertilizer-enriched-compost for nutrient management in chilli ( <i>Capsicum annum</i> ) after winter rice [OFT 4]	3. Publication of literature	3. Field day on FLD 1	3. Field day on FLD 2	3. Data analysis & report preparation
4. Planning (site & beneficiary selection) for FLD on Production of vermicompost in low cost vermicomposting unit (FLD 1)	4. Method demonstration on Azolla cultivation	4.	4.	4.	4.	4. Data collection OFT 2 & FLD 1 5. Celebration of World Food Security day	4. Planning Soil Health camp	4. Organizing Soil Health camp	4.	4.	4. Planning for OFT & FLD
5. Field visit, Advisory service, Diagnostic visit, & Other extension activities											
6. Monthly & Quarterly report preparation											

**Discipline: Plant Protection (Entomology/ Plant Pathology)**

**Name of the concerned Subject Matter Specialist:.....Mr. Surajit Kalita..... Contact No:.....**

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Mandated activities	Thematic Area	Details of Technology	Source and Year	Assess/Refine	Area (in acre)	Location	Period and Duration	Number of trials/beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
On farm testing	Integrated Pest Mgmt	<b>Title:</b> Whitefly management in blackgram through low cost yellow sticky trap <b>Technology:</b> Installation of yellow sticky trap of 2' x 1' size @ 12 Nos. /ha starting from 15 days after sowing.	Indian Institute of Pulse Research, Kanpur, 2012	A	0.96	Bhirangao n, Pub-Ankorbari, Chirang	4 months (July-October, 13)	1	0	1	2	0	2	3
		<b>Title:</b> Integrated management practices of cutworm in potato <b>Technology:</b> Soil application of imidachloprid @ 200 SL (48 g a.i/ha) at the time of sowing + one spray of NSKE @ 5 ml/lit. at 15 days after sowing (DAS)+ gram baiting 1 <sup>st</sup> at 25 DAS and 2 <sup>nd</sup> at 55 DAS	Dept. of Entomology, AAU, Jorhat, 2012	A	0.96	Bhutiapari, Tangabari of Chirang	3 ½ months (November, 13-January, 14)	0	0	0	3	0	3	3
		<b>Title:</b> Management of Sclerotium wilt in tuberose <b>Technology:</b> Soil sterilization with carbendazim (0.01%) and captan (0.02%) along with Basamid G [Dazomet] (40 g/m <sup>2</sup> )	AICRP on Horticulture (HRS, Kahikuchi) 2007	A	0.20	Pundibari, Saunagaon of Bongaigaon	4 months (January-April, 14)	0	0	0	3	0	3	3
	Integrated Disease Mgmt													

Biological control (Insect/pest/ weeds etc)														
Product evaluation (Efficacy)														
Beneficial insects														
Other beneficial organisms														
Store grain pest	<b>Title:</b> Storage insect pest management in lentil <b>Technology:</b> i. Bringing down of moisture content of lentil seed to <10% by placing them under sunlight and cool it for at least 3 hours under shade. ii. Mix black pepper powder @ 3 gm/kg of seed before storage. iii. Air tight packing of treated pulse seed in polythene bag and place them in jute bags/other bags	RARS, Shillongoni	A	5 units	Pub-Khamarpara, Saragaon of Bongaigaon	6-9 months (March – November, 14)	0	0	0	3	0	3	3	
Others (Pl. specify)														

Mandated activities	Thematic Area	Technology/Crop/Cropping system	Source and Year	Demon (No.)	Area (in acre)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	IPM													
	IDM													
	Biological control (Insect/pest/ weeds etc)													
	Product evaluation (Efficacy)	<b>Crop:</b> Summer rice <b>Technology:</b> Performance of pheromone traps against rice yellow stem borer	Package of practices Rabi, AAU, Jorhat	3	7.2	Nowapara, Nimagaon, Kashikotra, Chirang	5 ½ months (January-June, 14)	3	0	3	6	0	6	9

Beneficial insects	<b>Technology:</b> Indian bee, <i>Apis cerana indica</i>	Package of practices AAU, Jorhat	5	5 units	Nowapara, Saragaon, Chirang	12 months	1	0	1	4	0	4	5
Other beneficial organisms	<b>Technology:</b> Oyster mushroom	Package of practices AAU, Jorhat	5	5 units	Baikhungaon, chirang	6 months (September, 13 – March, 14)	0	5	5	0	0	0	5
Store grain pest													
Others (Pl. specify)													

Mandated activities	Target group	Title of the training programme	Period of the year	Duration (in days)	On/Off campus	Number of beneficiaries						Remarks	
						SC/ST			General				Grand Total
						M	F	Total	M	F	Total		
On and Off campus training programmes	Farmer and Farm women	Integrated pest management in summer rice	April, 13	1 day	OFF	4	0	4	20	1	21	25	
		Biological control of rice insect pests and diseases	May, 13	1 day	OFF	0	0	0	25	0	25	25	
		Integrated disease management in summer vegetables	June, 13	1 day	OFF	3	1	4	18	3	21	25	
		Safe and scientific handling of chemical pesticides	July, 13	1 day	OFF	0	0	0	25	0	25	25	
		Utilization of biopesticides in disease management of field crops	August	1 day	OFF	2	1	3	20	2	22	25	
		Integrated pest management in winter rice	September, 13	1 day	OFF	0	0	0	25	0	25	25	
	Disease and insect pest management in oilseed crops	December, 13	1 day	OFF	2	1	3	20	2	22	25		
	Rural Youth	Mushroom cultivation for economic upliftment	September, 13	1 day	OFF	0	18	18	0	7	7	25	
		Scientific beekeeping for increasing agricultural productivity	October, 13	1 day	OFF	5	0	5	20	0	20	25	

		Rearing of eri and muga silkworms	November, 13	1 day	OFF	0	20	20	3	2	5	25	
	Extension Personnel	Ecological pest Management (EPM) in rice	January, 14	1 day	OFF	2	0	2	20	3	23	25	
		Rodent pest management in field crops	February, 14	1 day	ON	5	2	7	12	6	18	25	
	Civil Society												
	NGO												
	Others (Pl. specify)												
Vocational training programmes	Farmer and Farm women												
	Rural Youth	Scientific beekeeping	November, 13	7 days	OFF	3	2	5	15	5	20	25	
	Extension Personnel												
	Civil Society												
	NGO												
	Others (Pl. specify)												
Sponsored training programmes													<b>Sponsoring authority</b>
	Farmer and Farm women	Integrated pest and disease management in summer rice	March, 14	1 day	OFF	7	2	9	15	1	16	25	
	Rural Youth												
	Extension Personnel												
	Civil Society												
	Others (Pl. specify)												

Mandated activities	Specific activity	Number of activities	Period of the year	Duration (in days)	Number of beneficiaries						Remarks	
					SC/ST			General				Grand Total
					M	F	Total	M	F	Total		
Extension Activities	Diagnostic visit	6 Nos.	April, 13 – March, 14	6 days	2	0	2	4	0	4	6	
	Advisory services	50 Nos.	April, 13 – March, 14	-	20	0	20	30	0	39		
	Training Manual											
	Celebration of Important days											
	Exhibition											
	Exposure visit											
	Extension literature	5 No.	April, 13 – March, 14	-	-	-	-	-	-	-	-	
	Farm Science Clubs' Convenors meet											
	Farmers' Seminar/ interaction	1 No.	January, 14	1 day	5	3	8	15	2	17	25	
	Farmers' visit to KVKs											
	Field day	2 Nos.	November, 13	2 days	10	5	15	30	5	35	50	
	Film show											
	Kishan Goshthi											
	Group Meeting											
	Kishan Mela											
	Literature delivered	15 Nos.	April, 13 – March, 14	15 days	-	-	-	-	-	-	-	
	Method demonstration	4 Nos.	April, 13 – March, 14	4 days	20	10	30	30	20	50	80	
	Scientists' visit to farmers' field	24 Nos.	April, 13 – March, 14	24 days	5	5	10	10	4	14	24	
	Workshop											
Awareness camp												

**Biogenesis/ Production of Bio-agents:**

Product	Quantity (No/ qt)	
	Target	Achievement

**Activity Calendar**

Month	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
<b>Activity</b>	1.Training	1.Training	1.Training	1.Training	1. Training	1. Training	1. Training	1. Training	1. Training	1. Training	1. Training	1. Training
	2.Advisory services	2.Advisory services	2.Advisory services	2. On Farm testing (OFT)	2. On Farm testing (OFT)	2. On Farm testing (OFT)	2. On Farm testing (OFT)	2. On Farm testing (OFT)	2. On Farm testing (OFT)	2. On Farm testing (OFT)	2. On Farm testing (OFT)	2. On Farm testing (OFT)
	3. Field visit	3. Field visit	3. Field visit	3. Advisory services	3. Method demonstration	3. Front line demonstration (FLD)	3. Front line demonstration (FLD)	3. Front line demonstration (FLD)	3. Front line demonstration (FLD)	3. Front line demonstration (FLD)	3. Front line demonstration (FLD)	3. Front line demonstration (FLD)
	4. Diagnostic visit	4. Diagnostic visit	4. Diagnostic visit	4. Field visit	4. Advisory services	4. Method demonstration	4. Method demonstration	4. Field day	4. Field Day	4. Method demonstration	4. Advisory services	4. Advisory services
	5. Lecture as resource person	5. Lecture as resource person	5. Lecture as resource person	5. Diagnostic visit	5. Field visit	5. Advisory services	5. Advisory services	5. Advisory services	5. Farmer scientist interaction programme	5. Advisory services	5. Field visit	5. Field visit
		6. Extension literature develop	6. Extension literature develop	6. Lecture delivered	6. Diagnostic visit	6. Field visit	6. Field visit	6. Field visit	6. Advisory services	6. Field visit	6. Diagnostic visit	6. Diagnostic visit
					7. Lecture as resource person	7. Diagnostic visit	7. Diagnostic visit	7. Diagnostic visit	7. Field visit	7. Diagnostic visit	7. Lecture as resource person	7. Lecture as resource person
						8. Lecture as resource person	8. Lecture as resource person	8. Lecture as resource person	8. Diagnostic visit	8. Lecture as resource person		8. Extension literature develop
								9. Extension literature develop	9. Lecture as resource person	9. Extension literature develop		



**Discipline: Animal Husbandry**

**Name of the concerned Subject Matter Specialist:**.....Dr.(Mrs.) Pallabi Devi..... **Contact No:..9864028590**

**E-mail address:...**jurisharma@rediffmail.com...

Mandated activities	Thematic Area	Details of Technology	Source and Year	Assess/Refine	Area (in acre)	Location	Period and Duration	Number of trials/beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
On farm testing	Breed introduction	A total of 9 numbers of Improved varieties of pig (Breed: upgraded local pigs with pure Hampshire- F1/F2 generation) will be reared in backyard system with a hard size of 3 per farmer (2 female and 1male) in 3 farmer household. The pigs will be reared in house made up of bamboo and locally available material with concrete floor. The feeder and water trough will also be made up of bamboo or locally available material. The pig will be fed with concentrate feed as well as non conventional feed materials. This system will help the local resource poor farmers to get maximum benefit from pig in terms of body weight gain with low input against the poor performance of the local non descript variety of pig. Further the scientific feeding and management will also help them in maximize the profit.	ICAR 2008	Assessment	9	Sidli,Silpota andbaikh ungaon of Chirang district	-	-	3	3	-	-	-	3
		2. A total of 200 number of improved, high egg producer variety of chicken (breed: Kalinga brown) will be reared in backyard system. They will be provided with house, feeder and water trough made up of bamboo and other locally available material. The birds will be reared in backyard system with partial supplementation of feed including household	Oorissa Agricultural University	Assessment	200	Bashbari, hasrabari and batabari	-	-	5	5	-	5	5	10

		waste. the production potential of the bird will be assessed in village condition of Chirang district												
	Breed improvement													
	Feeding management													
	Healthcare													
	Housing													
	Processing/ Value addition													
	Fodder production and quality enhancement	Improved Production Technology of Fodder Oat ( <i>Avena sativa</i> ) (Var:Kent) (Package of practice; Rabi crops of Assam, 2009) Time of Showing: Mid Oct-December) Seed rate : 100 Kg/Ha Spacing :25-30 cms(Row-Row) Fertilizer dose: N: P2O5:K2O= 40:20:20 Kg/Ha	Assam Agricultural University	Assessment	1.5 high a	Sidalsati, Nowagaon, kajalgaon		1	-	1	2	-	2	3
	Pasture management													
	Others													

Mandated activities	Thematic Area	Technology/Crop/Cropping system	Source and Year	Demon (No.)	Area (in acre)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	Breed introduction	Rearing of chara chambeli duck	Keral agricultural university	1	10	Nowagaon, sidli Davaguri, bijni and sidalsati	12 months	2	3	5	3	2	5	10
	Breed improvement	Rearing of upgraded goat	Goat Research station, AAU, Byrnihat, Assam. Year:2005	2	3	Bijni, Bogaigaon and sidli	12 months	1	-	1	1	1	2	3

	Feeding management	Strategic supplementation of minerals	ICAR,2008	3	5	Pub enkorbari,bata bari and mulagaon	6 month	1	-	1	2	-	2	3
	Healthcare													
	Housing													
	Processing/ Value addition													
	Fodder production and quality enhancement													
	Pasture management													
	Others (Pl. specify)													

Mandated activities	Target group	Title of the training programme	Period of the year	Duration (in days)	On/Off campus	Number of beneficiaries						Remarks	
						SC/ST			General				Grand Total
						M	F	Total	M	F	Total		
On and Off campus training programmes	Farmer and Farm women	Feeds and feeding strategies for a profitable dairy farm	June	1	off	7	5	12	8	5	13	25	
		Backyard poultry farming	Dec	1	On	-	15	15	-	10	10	25	
		Scientific pig management	July	1	On	7	5	12	8	5	13	25	
		Scientific management of Duck	Jan	1	Off	-	15	15	-	10	10	25	
		Disease and fertility management in cattle	sept	1	Off	9	4	13	8	4	12	25	
		Green fodder cultivation	Oct	1	Off	7	5	12	8	5	13	25	
	Vaccines and vaccination in livestock	Nov	1	Off	9	7	16	5	4	9	25		
	Rural Youth	Dairy farming for self employment	May	1	On	7	5	12	8	5	13	25	
		Scientific rearing of goat for self employment	Aug	1	off	9	7	16	5	4	9	25	
Backyard poultry production		Feb	1	on	7	5	12	8	5	13	25		

		Scientific duck rearing												
		Pig farming in a scientific way	Mar	1	off	5	7	12	7	6	13	25		
	Extension Personnel	Low cost feeding in livestock	Aug	1	off	9	7	16	5	4	9	25		
	Civil Society													
	NGO													
	Others (Pl. specify)													
Vocational training programmes	Farmer and Farm women													
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO													
	Others (Pl. specify)													
Sponsored training programmes														<b>Sponsoring authority</b>
	Farmer and Farm women	Scientific management of backyard poultry	April	3	on	10	10	20	10	10	20	40		SIRD
		Disease management in piggery	July	1			15	5	20	5	5	10	30	SIRD
	Rural Youth	Scientific pig production for economic upliftment	Sept	1			15	5	20	5	5	10	30	SIRD
		Backyard farming of improved variety of chicken and duck	Dec	1			15	5	20	5	5	10	30	SIRD
	Extension Personnel													
	Civil Society													
NGO														
Others														

Mandat ed activities	Specific activity	Number of activities	Period of the year	Duration (in days)	Number of beneficiaries						Remarks	
					SC/ST			General				Grand Total
					M	F	Total	M	F	Total		
Extension Activities	Diagnostic visit	2		1	2	2	4	1	2	3	7	
	Advisory services	10		1	2	2	4	3	2	5	9	
	Training Manual											
	Celebration of Important days	1		1								
	Exhibition	2										
	Exposure visit											
	Extension literature	4										
	Farm Science Clubs' Convenors meet											
	Farmers' Seminar											
	Farmers' visit to KVKs											
	Field day	3										
	Film show											
	Kishan Goshthi											
	Group Meeting											
	Kishan Mela											
	Literature delivered	20										
	Method demonstration											
	Scientists' visit to farmers' field	6										
	Workshop											
	Awareness camp	7										

**Production of animal bi-product/ fodder/fodder seed etc.:**

Product	Quantity (No/ qt)	
	Target	Achievement

## Activity Calendar

Month	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
<b>Activity</b>	1. sponsored Training on “Scientific management of backyard poultry”	1. planning for OFT and FLD	1. Training on “Feeds and feeding strategies for a profitable dairy farm.”	1. . sponsored Training on “Disease management in piggery”	1. Training on “Low cost feeding in livestock”	1. . sponsored Training on “Scientific pig production for economic upliftment”	1. Training on “Green fodder cultivation”	1. Training on “Vaccines and vaccination in livestock”	1. . sponsored Training on “Backyard farming of improved variety of chicken and duck”	1. Training on “Scientific management of Duck”	1. Training on “Backyard poultry production on Scientific duck rearing”	1. Training on “Pig farming in a scientific way”
	2. beneficiary selection for Tribal sub plane-project	2.Publication of news article	2.Awarness programme on “Artificial Insemination and its importance in dairy farming”	2. .Publication of news article	2.Publication of news article	2. .Publication of news article	2.Publication of news article	2. Advisory services and field visit	2. Training on “Backyard poultry farming”	2. Planning for FLD and OFT	2. Field visit and data collection of FLD and OFT	2.Field day
	3. beneficiary selection for BRGF-projecton backyard poultry	3. Site selection and selection of beneficiaries for FLD and OFT	3. Advisory services and field visit	3 Training on “Disease management in piggery”.	3. Advisory services and field visit	3. Training on “Disease and fertility management in cattle”	3. Advisory services and field visit	3.Publication of news article	3. . Site selection and selection of beneficiaries for FLD and OFT	3.Publication of news article	3. Field day	3.Awverness camp on bird flu
	4.project on backyard poultry sponsored by SIRD under BRGF											
	5. Project under Tribal sub plane											

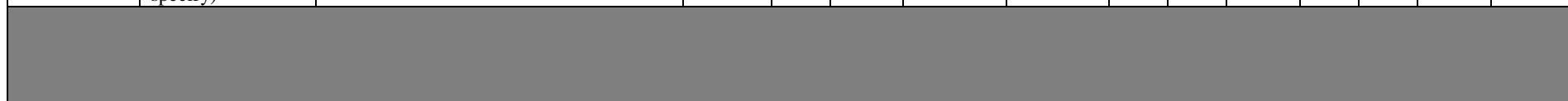
**Discipline: Home Science**

**Name of the concerned Programme Assistant:...**Ms. Mridusmita Borthakur..... **Contact No:...**9864428307.....

**E-mail address:...**mridubs@gmail.com.....

Mandated activities	Thematic Area	Details of Technology	Source and Year	Assess/Refine	Area (in acre)	Location	Period and Duration	Number of trials/beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
<b>On farm testing</b>	Nutritional Gardening													
	Nutritional diet for children/ Pregnant women	Assam Mix : Ingredients / 100g : Rice- 70 gm , Moong dal- 20 gm, sesame- 5g, <b>Rice-</b> Clean rice and soak in water for 2-3 hours, drain water and grind into flour and sieve, roast the flour. <b>Moong dal, groundnut and gingelly seed-</b> Clean all the ingredients properly, Roast the three ingredients separately , Remove skin from groundnuts, grind three ingredients, separately and sieve and mix together all the ingredients	AAU	A	5	Baikhun gaon, Khamarp ara, Satipur	6- 9 months	1	2	3	1	1	2	5
	Energy saving tools/ devices													
	Water harvesting devices including purification													
	Hygienic Sanitation													
	Organic dye introduction/ utilization													
	Utilization of waste materials (Bio-degraded/ Bio-nondegraded)													

	Storage techniques (grains/ fruits/ fishes/ meat etc)														
	Uses of women friendly tools (WFT)	Improved Naveen Sickle Overall length- 412mm, width -167mm height -87mm,type of cutting edge – Serrated No of teeth/cm 4-5, length of cutting edge(along the edge) -240mm. Average peripheral length at the grip - 125mm Approx. weight 260gm. Material- Blade Carbon steel, Handle – Wood Actual field capacity 0.011 ha/hr.	CIAE, Bhopal	A	5	Enkorbar i, Sundarpur, Nowagao n , Khamarp ara,Eleng mari	6 months	-	3	3	-	2	2	5	
	Techniques of child care/ old age														
	Others (Pl. specify)														



Mandated activities	Thematic Area	Technology/Crop/Cropping system	Source and Year	Demon (No.)	Area (in acre)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	Nutritional Gardening	Popularization of nutritional gardening. Year round cultivation of fruits and vegetables to meet the nutritional requirement of whole family. Cultivation of crops will be done according to package of practices of respective crop	AAU	2	3	Sonapuri, Hasrabari,	12 months	1	1	2	-	1	1	3
	Nutritional diet for children/ Pregnant women													



	Energy saving tools/ devices													
	Water harvesting devices including purification													
	Hygienic Sanitation													
	Organic dye introduction/ utilization	Introduction of different types of organic dye	AAU	3	6	Kaljalgaon, satipur, Bijni	6 months	-	2	2	-	4	4	6
	Utilization of waste materials (Bio-degraded/ Bio-nondegraded)													
	Storage techniques (grains/ fruits/ fishes/ meat etc)													
	Uses of women friendly tools (WFT)													
	Techniques of child care/ old age													
	Others (Pl. specify)													



Mandated activities	Target group	Title of the training programme	Period of the year	Duration (in days)	On/Off campus	Number of beneficiaries						Remarks	
						SC/ST			General				Grand Total
						M	F	Total	M	F	Total		
On and Off campus training programmes	Farmer and Farm women	i) Designing of high nutrient efficiency diet for children	Sept' 13	One day	Off campus	3	14	17	2	6	8	25	
		ii) Minimization of nutrient loss during processing (2)	Nov' 13		Off campus	8	28	36	4	10	14	50	
		iii) Agro- based Income generation activities for empowerment of rural Women	Jan' 14 Oct' 13		Off campus	-	8	8	-	17	17	25	

	Rural Youth	i) value addition of locally available fruits and vegetables	Aug'13	One day	Off campus	2	3	5	5	15	20	25	
	Extension Personnel	i) care of pregnant and lactating mothers	Dec '13	One day	On campus	-	10	10	-	15	15	25	
	Civil Society												
	NGO												
	Others (Pl. specify)												

<b>Vocational training programmes</b>	Farmer and Farm women												
	Rural Youth												
	Extension Personnel												
	Civil Society												
	NGO												
	Others (Pl. specify)												

<b>Sponsored training programmes</b>													<b>Sponsoring authority</b>	
	Farmer and Farm women													
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO													
Others														

Mandated activities	Specific activity	Nos. of activities	Period of the year	Duration (in days)	Number of beneficiaries							Remarks
					SC/ST			General			Grand Total	
					M	F	Total	M	F	Total		

<b>Extension Activities</b>	Diagnostic visit																		
	Advisory services																		
	Training Manual																		
	Celebration of Important days																		
	Exhibition																		
	Exposure visit																		
	Extension literature																		
	Farm Science Clubs' Convenors meet																		
	Farmers' Seminar																		
	Farmers' visit to KVKs																		
	Field day	1	March' 13																
	Film show																		
	Kishan Goshthi																		
	Group Meeting																		
	Kishan Mela																		
	Literature delivered	10	April' 13 – Feb' 14																
	Method demonstration	4	June, July, Sep& Oct ' 13																
	Scientists' visit to farmers' field																		
	Workshop																		
Awareness camp																			

**Production:**

<b>Product</b>	<b>Quantity (No/ qt)</b>	
	<b>Target</b>	<b>Achievement</b>

### Activity Calendar

Month	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Activity	1. Submission of proposal for training	1. collection of raw material of natural dye	1. Submission of proposal for OFTs and FLDs	1. . starting of OFTs and FLDs	1. . starting of OFTs and FLDs	1. Training on Designing of high nutrient efficiency diet for children	1. Training on Agro- based Income generation activities for empowerment of rural Women	1. Training on Minimization of nutrient loss during processing	1. Training on care of pregnant and lactating mothers	1. Training on Minimization of nutrient loss during processing	1. 2. Field visit and data collection of FLD and OFT	1. Field day
	2. planning and selection of site for OFT and FLDs	2.Processing of raw materials	2. . Method demonstration on amla pickle	2. Method demonstration on artificial flower making	2. Training on value addition of locally available fruits and vegetables.	2. Method demonstration on artificial flower making	2. Method demonstration on Nutritional diet for children	2. Field visit and data collection of FLD and OFT	2.Field visit	2. Field visit	2. Publication of magazine article	2. Data collection
	3. Publication of popular article	3.Selection of beneficiaries	3. Publication of popular article	3. Publication of research paper	3. Publication of magazine article	3. Publication of magazine article	3. Publication of popular article	3. Extension activity	3. Publication of popular article	3. Publication of popular article	3. Extension activity	3. Publication of popular article

**Discipline: Agricultural Extension/ Agricultural Economics/ Agricultural Statistics**

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Mandated activities	Thematic Area	Details of Technology	Source and Year	Asses s/Refi ne	Area (in acre)	Location	Period and Duration	Number of trials/beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
On farm testing	Formation of Groups	Formation of Self Help Group				Sidli, Bengtol, Borobazar	April-march,2013		40	40		40		80
	Benchmark Survey (PRA etc)	Participatory rural appraisal				Sidli, Bengtol, Borobazar	April-march,2013	5	35	40	5	35	40	80
	Impact Assessment				30 demo									
	Technology Backstopping													
	Dissemination time/ Loss of technologies													
	Coordination/ Convergence/ Linkages promoted/ created													
Others (Pl. specify)														
Mandated activities	Thematic Area	Technology/Crop/Croppi ng system	Source and Year	Demon (No.)	Area (in acre)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	Formation of Groups													
	Benchmark Survey (PRA etc)													
	Impact Assessment													
	Technology Backstopping													
	Dissemination time/													

	Loss of technologies													
	Coordination/ Convergence/ Linkages promoted/ created													
	Others (Pl. specify)													

Mandated activities	Target group	Title of the training programme	Period of the year	Duration (in days)	On/Off campus	Number of beneficiaries							Remarks
						SC/ST			General			Grand Total	
						M	F	Total	M	F	Total		
On and Off campus training programmes	Farmer and Farm women	Leadership development	April, July, Aug	1 day, 1 day	Off	15	6	21	36	18	54	75	
		Entrepreneurial development	May, Nov	1 day, 1 day	Off	10	4	14	24	12	36	50	
		WTO and IPR issues	June	1 day	Off	5	2	7	12	6	18	25	
	Rural Youth	Formation and Management of SHG	Sept Oct	1 day, 1 day	Off Off	10	4	14	24	12	36	50	
	Extension Personnel	Information networking among farmers	July	1 day	off	2	-	2	18	-	20	20	
	Civil Society	Maintenance of books and record	Dec	1 day	off	5	3	8	12	5	17	25	
	NGO												
	Others (Pl. specify)												

Vocational training programmes	Farmer and Farm women												
	Rural Youth	Commodity future market	Jan, Feb	1 day	off	5	5	10	20	10	30	40	
	Extension Personnel												
	Civil Society												
	NGO												
	Others (Pl. specify)												

Sponsored training programmes													Sponsoring authority	
	Farmer and Farm women													
	Rural Youth													
	Extension Personnel	Commodity future market	March	1 day	off	5	5	10	10	5	15	25	NABARD	
	Civil Society													
	NGO Others (Pl. specify)													

Mandated activities	Specific activity	Number of activities	Period of the year	Duration (in days)	Number of beneficiaries						Remarks	
					SC/ST			General				Grand Total
					M	F	Total	M	F	Total		
Extension Activities	Diagnostic visit											
	Advisory services	12	April to March,13	12 days	15	5	20	10	30	40	60	
	Training Manual											
	Celebration of Important days	2	5 <sup>th</sup> June 16 <sup>th</sup> Oct	1 day 1 day	10 10	5 5	15 15	10 10	5 5	15 15	30 30	
	Exhibition	2	Jan Feb	1 day 1 day	15 15	5 5	20 20	10 10	30 30	40 40	60 60	
	Exposure visit	1	Aug	1 day	5	0	5	20	0	20	25	
	Extension literature	3	Apr, May, Sep									
	Farm Science Clubs' Convenors meet											
	Farmers' Seminar	1	July	1 day	10	5	15	10	5	15	30	
	Farmers' visit to KVKs											
	Field day											
	Film show											
	Kishan Goshthi											
Group Meeting												

	Kishan Mela											
	Literature delivered											
	Method demonstration	2	Nov Feb	1 day 1 day	7 5	3 5	10 10	10 10	5 5	15 15	25 25	
	Scientists' visit to farmers' field											
	Workshop											
	Awareness camp											

### Activity Calendar

Month	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
<b>Activity</b>	1. Training	1 Training	1.Training	1.Training	1Training	1. Training	1Training	1.Training	1 Training	1. Training	1. Training	1. Training
	2. Advisory services	2. Advisory services	2. Advisory services	2. Advisory services	2. Advisory services	2. Advisory services	2. Advisory services	2. Advisory services	2. Advisory services	2. Advisory services	2. Advisory services	2. Advisory services
	3. Extension literature	3.Extension literature	3.Environment day	3.Seminar	3. Exposure visit	3.Extension literature	3.World food day	3.Method demonstration	3.Exhibition	3.Exhibition	3.Method demonstration	3.Exposure visit



## **PROPOSED PRODUCTION AND SUPPLY OF TECHNOLOGICAL PRODUCTS**

### a. Seed materials:

Sl. No.	Crop	Variety	Proposed Quantity (qtl.)	Value (Rs.)	To be provided to (No. of Farmers)
<b>Cereals</b>	Rice	Ranjit	1000	25,00,000.00	200
	Rice	Joymati	300	7,50,000.00	75
<b>Oilseeds</b>	Toria	TS-38	41	2,87,000.00	25
	Sesamum	ST-1683	3	18,000.00	20
	Niger	NG-1	6	12000.00	15
<b>Pulses</b>	Lentil	PL-406	56	3,36,000.00	25
	Blackgram	T-9	3	15000.00	22
<b>Vegetables</b>	Okra	Prabhani Kranti	25	40000.00	30
	Potato	K. Jyoti	25	20000.00	25
	Tomato	Avinash-2	20	12000.00	45
<b>Flower Crops</b>	-	-	-	-	-
<b>Fruit crop</b>	Assam Lemon	Local	20 q	30000.00	35
	Pineapple	Kew/queen	60 q	60000.00	40
<b>Others (Specify)</b>	Buck wheat	Local	20	40000.00	20
	Dhaincha	Local	1	1500.00	5
<b>Foundation Seed production under PPP mode</b>	Rice	Ranjit	120	300000.00	70
	Toria	TS-38	18	126000.00	50

### b. Planting materials :

Sl. No.	Crop	Variety	Quantity (Nos.)	Value (Rs.)	To be provided to (No. of Farmers)
<b>Fruits</b>	Assam Lemon	Local	100 cutting	1000.00	50
	Pineapple	Kew/queen	1000 Nos.	2000.00	40
<b>Spices</b>					
<b>Vegetables</b>	Cabbage /Cauliflower	-	5000	2000.00	50
<b>Forest Species</b>					
<b>Ornamental Crops</b>					
<b>Plantation Crops</b>					
<b>Others (specify) Flower</b>	Gerbera, Chrysanthemum, etc.	-	2000 Nos.	4000.00	50

**Bioproducts : NA**

Sl. No.	Product Name	Species	Quantity		Value (Rs.)	To be provided to (No. of Farmers)
			No	(kg)		
<b>Bioagents</b>						
1						
2						
<b>Biofertilizers</b>						
1	Azolla	<i>Azolla caroliniana</i>	-	150 kg		
2	Vermicompost	-	-	1000 kg		
<b>Bio Pesticides</b>						
1						
2						