

**Indian Council of Agricultural Research  
Zonal Project Directorate, Zone-III  
Umiam, Meghalaya**

*Format for Annual Action Plan Formulation of KVKs, Zone-III for 2014-15*

Name of the KVK/District: KVK, Chirang State: Assam Host Organization: Assam Agricultural University, Jorhat

**Present Staff Position in KVK**

Sl. No.	Name	Gender (M/F)	Category (General/OBC/SC/ST)	Designation	Discipline
1.	Dr. Kameswar Das	M	General	Programme Coordinator	Agronomy
2.	Mr. Bhaskarjyoti Sarma	M	General	SMS	Horticulture
3.	Mr Surajit Kalita	M	General	SMS (on study leave)	Entomology
4.	Dr. Pallabi Devi	F	General	SMS	Animal Science
5.	Dr. Hiranya Kr. Baruah	M	General	SMS	Agril Economics
6.	Ms. Gautami Kotoki	F	General	SMS	Soil Science
7.	Ms. Ranjita Brahma	F	ST	SMS	Agronomy
8.	Mr. Jyotish Kr. Sarma	M	General	Farm Manager	Crop Physiology
9.	Ms. Mridusmita Barthakur	F	General	Programme Assistant	Home Science
10.	Ms. Chayanika Nath	F	OBC	Programme Assistant	Computer
11.	Mr. Pradip Ray	M	OBC	Office Suptd. Cum Acett.	
12.	Mr. Anjalu Basumatary	M	ST	Computer Operator cum Stenographer	
13.	Mr. Lakhiram Brahma	M	ST	Driver cum Mechanic	
14.	Mr. Sanju Boro	M	ST	Driver cum Mechanic	
15.	Mr. Pullen Ch. Ray	M	OBC	Grade - IV	
16.	Mr. Levi Murmu	M	OBC	Grade - IV	
	<b>Total</b>	<b>16</b>			

Please furnish discipline-wise information in the given format pertaining to the mandated activities of your KVK targeted to be accomplished during 2014-15

**Discipline: Agronomy**

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

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Mandated activities	Thematic Area	Details of Technology	Source and Year of release	Assess/Refine	Area (in acre)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
On farm testing	Varietal evaluation	<b>Title :</b> Varietal performance of mid duration rice variety TTB 404 <b>Technology:</b> Introduction of new mid duration rice variety TTB-404 with quality grain (medium slender) of 135 day duration suitable for Sali and early ahu with recommended package of practice.	RARS Titabar, 2012	A	1.93	Majrabari, Pundibari, pub khamarpara	135 days (June, 14 – Oct, 14)	1		1	2		2	3
	Seed Production													
	Integrated Weed Management	<b>Title :</b> Weed management in kharif Blackgram <b>Technology:</b> Pre emergence application of pendimethalin @1Kg/ha	RARS Shillongani, under pipeline	A	1.93	Tengaigaon, South kajalgaon, Dhalagaon	80-95 days (July, 14 – Oct, 14)	2		2	1		1	3
	Integrated Nutrient management	<b>Title:</b> INM in rice – linseed sequence <b>Technology:</b> In rice 75% or NPK of recommended dose + 3 ton FYM /ha + <i>Azospirillum</i> + PSB @ 50g of both. In linseed 50% of FYM of Recommended dose + <i>Azotobacter</i> + PSB @ 50g of	RARS, Shillongani, Under pipeline	A	1.0	Runikhata, sundari, kalobari	300 days (June, 14 – Oct, 14 – Feb,	2		2	1		1	3

		both.						15)							
	Integrated Water Management														
	Tillage Management/ Farm Machinery														
	Integrated Farming System/ Integrated Crop Management														
	Others (Pl. specify)	<b>Title</b> :Seed priming in lentil <b>Technology</b> : seed soaking in water for 6 hrs and then drying in shade and bringing down to almost original weight before sowing.	RARS Shillongani, under pipeline	A	1.0	South Kajalgaon, Pub khamarpara, Saonagaon	115 – 120 days (Oct mid, 14 – Feb, 15)	1		1	2		2	3	
Mandated activities	Thematic Area	Technology/Crop/Cropping system	Source and Year of release	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	Varietal evaluation	Varietal performance of Toria var.TS-67	RARS, Shillongani, 2012	4	5.0	S.Kajalgaon, Hasraobari, Bashbari, Kukurmari	135 days (Oct mid, 14 - Feb, 15)	1	1	2	2		2	4	
	Seed Production	Foundation seed production of Toria under PPP mode	RARS, Shillongani, AAU	1	5.0	Dhaligaon	90-95 days (Oct mid, 14 - Feb, 15)	3		3	2		2	5	
	Integrated Weed Management	Integrated Weed management in transplanted	Dept. of Agronom	4	5.0	Nowapara,	150 Days (June, 14 –	2		2	2		2	4	

	Sali rice	y, AAU, 2007			Daukijhar, Saonagon, Alengmari	Nov, 14)								
	Weed management in jute	RASR Shillongani, 2013	4	2.47	Manikpur, Sidli	120 days (Feb mid, 15 – July, 15)	1		1	3		3	4	
	Integrated Nutrient Management													
	Integrated Water Management													
	Tillage Management/ Farm Machinery													
	Integrated Farming System/ Integrated Crop Management	Integrated crop management in rabi maize	Dept.of Agronomy, AAU	4	5.0	Saprakata, Bashbari, Sundari	150-160 days (Oct mid, 14 – Mar, 15)	3		3	2		2	5
		Integrated crop management in niger	AAU, Jorhat	4	2.47	Silpota, Kalobari, Hasroabari	90 days (Sept mid, 14 - Jan, 15)	2	1	3	1		1	4
		Cultivation of rice with SRI	TNAU, 2012	4	5.0	Pundibari, Bashbari, Nowagao n, Dompara	150 days (Jan, 15 – May, 15)	2		2	2		2	4
		Integrated crop management in Buckwheat	AAU, Jorhat	4	5.0	Silpota, Hatipota, S.Kajalg	120 days (Nov, 14 – Feb, 15)	4		4	-		-	4

						aon, W.Padm apur								
		Integrated crop management in Lentil	RARS Shillonga ni, AAU	4	5.0	Pub khamarp ara, Laogaon, S.Kajalg aon	110-120 days (Oct mid, 14 – Feb, 15)	2		2	2			4
	Others (Pl. specify)													

Mandated activities	Target group	Title of the training Programme and No. of courses in bracket	No. of training progs	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	Scientific method for cultivation of Jute (1)	1	April	1	Off	5	2	7	15	3	18	25	
		Nursery raising technique in Sali rice (1)	1	May	1	Off	7	3	10	10	5	15	25	
		Scientific cultivation of Sali rice to increase its productivity (1)	1	June	1	Off	8	2	10	9	6	15	25	
		Scientific cultivation of kharif pulse crops (1)	1	July	1	Off	5	3	8	10	7	17	25	
		Scientific cultivation of oilseed crops (1)	1	Sept	1	Off	7	5	12	10	7	13	25	
		Scientific cultivation of maize (1)	1	Oct	1	Off	10	3	13	12	-	12	25	
	Rural Youth	Scientific cultivation of fodder crops (1)	1	May	1	On	10	2	12	8	-	8	20	
		Scientific Cultivation of tuber	1	Oct	1	On	8	-	8	12	-	12	20	

		crops (1)												
		Increasing rice productivity with SRI (1)	1	Dec	1	Off	5	5	10	10	-	10	20	
	Extension Personnel	Seed production techniques in field crops (1)	1	Dec	1	On	10	-	10	10	-	10	20	
		Cropping systems (1)	1	Jan	1	On	10	-	10	10	-	10	20	
	Civil Society													
	NGO (including school drop outs)	Improved varieties & crop management practices to increase productivity (1)	1	Feb	1	On	10	5	15	5	-	5	20	
	Others (Pl. specify)													
<b>Vocational training programmes</b>	Farmer and Farm women	Water management in field crops (1)	1	Sept	7	On	10	5	15	5	5	10	25	
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop outs)													
	Others (Pl. specify)													
<b>Sponsored training programmes</b>														<b>Sponsoring agency</b>
	Farmer and Farm women													

	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop outs)													
	Others (Pl. specify)													

**Discipline: Horticulture**

Name of the concerned Subject Matter Specialist :Mr. Bhaskarjyoti Sarma

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Mandated activities	Thematic Area	Details of Technology	Source and Year of release	Assess/Refine	Area (in acre)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
<b>On farm testing</b>	Varietal evaluation	<b>Title:</b> Varietal evaluation of brinjal var. Longai <b>Technology:</b> High yielding excellent quality brinjal var. Longai	AAU, In pipeline	A	0.31	Sundarpur, Pub-Ankorbari, South Kajalgaoon	4 months (Sept, 14-Jan, 15)	1	0	1	2	0	2	3
	Integrated Nutrient Management	<b>Title:</b> Cultivation of cabbage using organic sources of nutrition <b>Technology:</b> Rock Phosphate 375 kg/ha + FYM 10 t/ha before transplanting of seedlings	AAU, 2011	A	0.96	Birhangaon, Dangai gaon, Hulmangaon	3 months (Sept, 14-Dec, 14)	3	0	3	0	0	0	3
	Integrated Weed Management	<b>Title:</b> Mulching in tuberose <b>Technology:</b> Use of black polythene mulch of 50 micron thickness in beds	AAU, 2011	A	0.07	Baikhangaon, Bijni, Noapara	1 year (Feb, 15 – Jan, 16)	0	1	1	2	0	2	3
	Orchard Rejuvenation													
	Post Harvest Processing/													



	Value Addition													
	Canopy mgmt.													
	Landscaping													
	Mechanization													
	Any other (Integrated Crop Management)	<b>Title:</b> Summer marigold production <b>Technology:</b> Planting marigold (var. Seracole) in summer and obtain flower in summer	AAU, 2011	A	0.07	Baikhu ngaon, Bijni, Noapara	4 months (Apr, 14 – Jul, 14)	0	1	1	2	0	2	3
Mandated activities	Thematic Area	Technology/Crop/Cropping system	Source and Year of release	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	Varietal evaluation	Popularization of Gerbera cv. Red Gem	AAU, 2010	3	0.74	Mowkhoa, Bijni, Baikhu ngaon	1 year (Oct, 14 – Sep, 15)	4	0	4	2	0	2	6
	Integrated Nutrient Management	Integrated Nutrient Management in Pumpkin in sand and silt deposited areas	AAU, 2010	5	1.2	Dangai gaon, Chowraguri	6 months (Sep, 14 – Feb, 15)	2	2	4	1	0	1	5
	Integrated Weed Management													

	Orchard Rejuvenation													
	Post Harvest Processing/ Value Addition													
	Canopy mgmt.													
	Landscaping													
	Mechanization	Drip irrigation in watermelon	AAU, 2010	5	2.47	Chowraguri	6 months (Nov, 13-Apr, 14)	2	0	2	8	0	8	10
	Any other (Pl. Specify)	Water management in potato	AAU, 2010	3	2.47	Birhangaon, Dangai gaon	4 months (Nov, 14-Feb, 15)	4	2	6	0	0	0	6
		Improved production technology of potato in sand and silt deposited areas	AAU, 2010	3	1.2	Chowraguri	4 months (Nov, 14-Feb, 15)	0	0	0	6	0	6	6



Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of training progs	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	Assam Lemon and Khasi Mandarin growing profitably (1)	1	April	1	On	10	5	15	10	0	10	25	
		Scientific	2	May	1	Off	25	0	25	25	0	25	50	

	management of fruit crops (2)												
	Scientific management of summer vegetables (1)	1	Jun	1	Off	5	2	7	15	3	18	25	
	Nursery management of vegetables (1)	1	Aug	1	On	15	10	25	0	0	0	25	
	Management of high value winter vegetables (1)	1	Oct	1	Off	5	0	5	20	0	20	25	
	Potato cultivation in a commercial way (1)	1	Nov	1	Off	5	0	5	20	0	20	25	
	Commercial cultivation of gourd vegetables (1)	1	Feb	1	On	20	5	25	0	0	0	25	
Rural Youth	Round the year vegetable cultivation under protected condition (1)	1	Jul	1	On	15	0	15	10	0	10	25	
	Flower cultivation for profit maximization (1)	1	Sept	1	Off	5	5	10	10	5	15	25	
Extension Personnel	Protected cultivation technology (1)	1	Dec	1	On	5	0	5	15	0	15	20	
Civil Society													
NGO(including school drop-	Protected	1	Mar	1	On	5	0	5	15	0	15	20	

	outs)	cultivation technology (1)													
	Others (Pl. specify)														
<b>Vocational training programmes</b>	Farmer and Farm women														
	Rural Youth	Nursery business for self employment (1)	1	Jan	7	On	10	5	15	5	0	5	20		
	Extension Personnel														
	Civil Society														
	NGO(including school drop-outs)														
	Others (Pl. specify)														
<b>Sponsored training programmes</b>															<b>Sponsoring agency</b>
	Farmer and Farm women														
	Rural Youth														
	Extension Personnel														
	Civil Society														
	NGO(including school drop-outs)														
Others (Pl. specify)															

**Discipline: Soil Science**

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Mandated activities	Thematic Area	Details of Technology	Source and Year of release	Assess/Refine	Area (in acre)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
<b>On farm testing</b>	Soil health	<b>Title:</b> Effect of Vermicompost on cut flower production of gerbera <b>Technology:</b> Application of vermicompost @ 25 t/ha along with recommended dose of fertilizer	Deptt. Of Horticulture, AAU, Jorhat	A	0.50	Pundibari, Kashikotra, South Kajalgao n	7 months (Sep – Mar)	1		1	2		2	3
	Soil management	<b>Title :</b> Foliar nutrition of Lentil <b>Technology:</b> recommended dose of fertilizer (15:35:15 kg of NPK/ ha) with two foliar spray of 2% urea at branching (35 DAS) and at pod formation (75DAS) stage.	RARS Shillongani, under pipeline	A	1.93	Pubkhamarpara, South Kajalgao n	4 months (Mid Oct-Mid Feb)	1		1	2		2	3
		<b>Title:</b> Application of ZnSO <sub>4</sub> + Boax in Sali paddy along with recommended dose of NPK fertilizer to sustain its productivity <b>Treatments:</b> (i) Control (Farmer's practice) (ii)Application of 100% of recommended dose of NPK fertilizer (iii)Application of ZnSO <sub>4</sub> @ 25 kg / ha + Borax @ 7.5 kg / ha + compost @ 2t/ ha	AAU, Jorhat (For ZnSO <sub>4</sub> + Compost + recommended dose of	A	1.48	Soulmari, South Kajalgao n, Kukur mari	5.5 months (May- Mid Oct)	2		2	1		1	3

		+ recommended dose of NPK fertilizer	NPK fertilizer application only)											
		<b>Title:</b> Integrated nutrient management in toria <b>Treatments:</b> (i) T <sub>1</sub> :Control (Farmer's practice) (ii) T <sub>2</sub> :45: 22.5: 22.5 kg (N: P <sub>2</sub> O <sub>5</sub> : K <sub>2</sub> O) per ha with bio-fertilizer (Azotobacter and PSB each @ 40g/kg of seed) (iii) T <sub>3</sub> :40:35:155 kg (N: P <sub>2</sub> O <sub>5</sub> : K <sub>2</sub> O) per ha without bio-fertilizer	RARS, AAU, Shillongani (Under pipeline)	A	1.48	Soulmari, Kolobari, Kukurmari	3 months (Mid Oct / End of Nov – Mid Jan/ End of Feb)	2		2	1		1	3
		<b>Title:</b> Effect of Boron on productivity of wheat <b>Treatments:</b> (i) T <sub>1</sub> :100% Recommended dose of fertilizer + Basal application of Borax @ 7.5 kg/ha (ii) T <sub>2</sub> :100% Recommended dose of fertilizer + Basal application of Borax @ 10.0 kg/ha (iii) T <sub>3</sub> : 100% Recommended dose of fertilizer + No application of Borax	RARS, AAU, Shillongani (Under pipeline)	A	1.48	Basugao n, Bijni	4 months (Nov-Feb)				3		3	3
	Soil testing													
	Soil amendment													

	(Lime/ Others)													
	Soil biology (BGA/ Azolla)													
	Soil microbes (beneficial)													
	Any other (pl. specify)													
Mandated activities	Thematic Area	Technology/Crop/Cropping system	Source and Year of release	Demon (No.)	Area (in acre)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
	Soil health													
<b>Front Line Demonstration</b>	Soil management	Cultivation practices of Toria with recommended dose of fertilizer & Borax [Application of 40 : 35 : 15 N:P <sub>2</sub> O <sub>5</sub> :K <sub>2</sub> O kg/ha along with Borax @ 10kg/ha / Toria / Rice – Toria]	RARS, hillongani, AAU, Nagaon	4	7.41	Kolobari, Kukurmari, Soulmari, South Kajalgaon	4 months (Mid Oct-Mid Feb)	4		4			4	4

		Integrated nutrient management in lentil [Application of 10 : 20 : 15 N: P <sub>2</sub> O <sub>5</sub> : K <sub>2</sub> O kg/ha along with vermicompost 1 t/ha or FYM 2 t/ha as basal and seed inoculation with Rhizobium and PSB each @ 50 g/kg of seed / Lentil / Rice – Lentil]	RARS, Shillong, AAU, Nagaon	4	7.41	Bijni, South Kajalgaon	4 months (Mid Oct- Mid Feb)	4		4			4	4
	Soil testing													
	Soil amendment (Lime/ Others)													
	Soil biology (BGA/ Azolla)													
	Soil microbes (beneficial)	Production of vermicompost in low cost vermicompost unit	AAU, Jorhat	3	3 units	South Kajalgaon, Pub Engkorbari & Kolobari	6 months (May – Oct)	2		2	1		1	3
	Any other (Pl. specify)													



Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of trainin g	Period of the year	Durati on (in days)	On/Off campus	Number of beneficiaries						Remarks	
							SC/ST			General				Grand Total
							M	F	Total	M	F	Total		



			progs											
<b>On and Off campus training programmes</b>	Farmer and Farm women	Soil fertility management in rice/vegetable based cropping system (2)	2	April, Aug	1	Off	12	3	15	25	10	35	50	
		Integrated nutrient management in rice (2)	2	Mar, May	1 & 2	Off	15	5	20	20	10	30	50	
		Production & use of organic inputs (1)	1	June	1	Off	8	4	12	8	5	13	25	
		Management of problematic soils in ricebased cropping system(1)	1	July	1	Off	12		12	13		13	25	
		Soil & water conservation for sustainable crop productivity (1)	1	Jan	1	Off	10		10	15		15	25	
		Soil testing, its importance & procedure (2)	2	Sep, Dec	1	Off	12	3	15	27	8	35	50	
	Rural Youth	Soil testing, its importance & procedure (1)	1	Oct	1	Off	10		10	15		15	25	
		Production & use of organic inputs (2)	2	Nov, Feb	1 & 2	On & Off	12	8	20	20	10	30	50	
	Extension Personnel	Soil & water conservation for sustainable crop productivity (1)	1	Dec	1	On	4	6	10	5	5	10	20	
	Civil Society													
	NGO(including school drop outs)													
	Others (Pl. specify)													

<b>Vocational training programmes</b>	Farmer and Farm women														
	Rural Youth	Production & use of organic inputs (1)	1	July	7	On	10	5	15	4	6	10	25		
	Extension Personnel														
	Civil Society														
	NGO(including school drop outs)														
	Others (Pl. specify)														
<b>Sponsored training programmes</b>															<b>Sponsoring agency</b>
	Farmer and Farm women														
	Rural Youth														
	Extension Personnel														
	NGO(including school drop outs)														

	Others (Pl. specify)														

**Discipline: Animal Science**

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Mandated activities	Thematic Area	Details of Technology	Source and Year of release	Assess/Refine	Area (in acre)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
On farm testing	Breed introduction	<b>Title:</b> Performance of Kalinga Brown breed of chicken in backyard system of rearing <b>Technology:</b> 1.Kalinga Brown day old chick 2. Local Check	Orissa Agricultural University	A	200 nos.	Sonapuri, Nilibari and Bangaldo ba	1 year (Jun, 14 – May, 15)	-	4	4	-	4	4	8
		<b>Title:</b> Rearing of broiler duck( breed White Pekin) <b>Technology:</b> 1.Broiler duck (breed: White Pekin) 2.Local Check	Central Poultry development Organization, Bangalore	A	100 nos.	Hulmagon, Kolobari, Silkhagri	1 year (Jul, 14 – Jun, 15)	-	3	3	-	2	2	5
	Breed improvement													

	Feeding management	<p><b>Title:</b> Partial supplementation of azolla as protein source in the diet of layer chicken under backyard system</p> <p><b>Technology:</b> 1.20-30 grams of freshly collected Azolla along with partial supplementation of feed and household waste. 2. Local Check</p>	Tamil Nadu agricultural University	A	100 nos.	Mazrabari, Nowagaon	1 year (Aug, 14 – Jul, 15)	5	-	5	5	-	5	10
		<p><b>Title:</b> Validation of ITK for control of ectoparasites of cattle</p> <p><b>Technology:</b> Equal quantity of Napthalene balls and camphor mixed with water containing neem extract and make a paste and apply on the body of cattles for 2 hours for control of ectoparasites</p>	ITK	A	10 units	Baikhung aon, Nilibari, Hulmagaon	1 month (Sep, 14 – Oct, 14)	3	2	5	2	3	5	10
	Healthcare													
	Housing													
	Processing/ Value addition													
	Fodder production and quality enhancement													
	Pasture management													
Others ( Livelihood security)	Rearing of pigeon squab as an income generating activity for rural women		A	5 unit	South Kajalgao n, Baikhu ngaon, Ni	6 month (June 14 to Dec, 14)	-	3	3	-	2	2	5	

magaon														
Mandated activities	Thematic Area	Technology/Crop/Cropping system	Source and Year of release	De mon (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	<b><u>Rearing of Vanaraja Chicken</u></b> 1. Vanaraja Day Old Chick 2. Local Check	Project Directorate on Poultry, Hyderabad	3	150 nos.	Sonapuri, Silli, Nimagaon	1 year (Nov, 14 – Oct, 15)	2	3	5	3	2	5	10
		<b><u>Rearing of Indian Runner duck for egg production</u></b> 1. Layer duck (Breed Indian Runner) day old duckling 2. Local Check	Central Poultry development Organization, Bangalore	4	100 nos.	South Kajalgaon, Sonapuri, Ashrabari, Sundari	1 year (Dec, 14 – Nov, 15)	-	5	5	-	5	5	10
	Breed improvement													
	Feeding management	<b><u>Effect of deworming and mineral supplementation of growth on local pig</u></b> 1. Supplementation of mineral mixture along with anthelmintic dose	Division of Animal Nutrition, ICAR RC-NEHR, Umiam, Meghalaya	3	5 unit	Dangaigao, baikhungao n,	6 month (Jan, 15 – Jun, 15)	1	2	3	1	1	2	5

		<b><u>Feed supplementation to lamb</u></b> 1. Concentrate feed along with ad libitum grazing in the ratio of 50:50	CSWRI	3	5 unit	South Kajalgaon, Nilibari, Assam, Sundari	6 month (Feb, 15 – Jul, 15)	2	-	2	3	-	3	5
	Healthcare													
	Housing													
	Processing/ Value addition													
	Fodder production and quality enhancement	<b><u>Cultivation of Oat as fodder</u></b> Improved Production Technology of Fodder Oat ( <i>Avena sativa</i> ) (Var:Kent) (Package of practice; Rabi crops of Assam, 2009)	Assam Agricultural University	5	0.8	Namalpur, Nimagaon, South kajalgaon	2 month (Oct, 14 – Dec, 14)	2	-	2	3	-	3	5
	Pasture management													
	Others (Pl. specify)													

Mandated activities	Target group	Title of the training Programme and No. of	No. of	Period of the	Duration (in	On/Off campus	Number of beneficiaries			Remarks
							SC/ST	General	Grand	

		<b>Courses in bracket</b>	<b>traini ng progs</b>	<b>year</b>	<b>days)</b>		<b>M</b>	<b>F</b>	<b>Total</b>	<b>M</b>	<b>F</b>	<b>Total</b>	<b>Total</b>	
<b>On and Off campus training programmes</b>	Farmer and Farm women	Feeds and feeding strategies for a profitable dairy farm (1)	1	June	1	Off	7	5	12	8	5	13	25	
		Backyard poultry farming (1)	1	Dec	1	On	-	15	15	-	10	10	25	
		Scientific pig management (1)	1	July	1	On	7	5	12	8	5	13	25	
		Scientific management of Duck (1)	1	Jan	1	Off	-	15	15	-	10	10	25	
		Disease and fertility management in cattle (1)	1	Sept	1	Off	9	4	13	8	4	12	25	
		Green fodder cultivation (1)	1	Oct	1	Off	7	5	12	8	5	13	25	
		Vaccines and vaccination in livestock (1)	1	Nov	1	Off	9	7	16	5	4	9	25	
	Rural Youth	Dairy farming for self employment (1)	1	May	1	On	7	5	12	8	5	13	25	
		Scientific rearing of goat for self employment (1)	1	Aug	1	Off	9	7	16	5	4	9	25	
		Backyard poultry production Scientific duck rearing (1)	1	Feb	1	On	7	5	12	8	5	13	25	
		Pig farming in a scientific way (1)	1	Mar	1	Off	5	7	12	7	6	13	25	
	Extension Personnel	Zoonotic and emerging diseases in livestock and their management (1)	1	Aug	1	Off	9	7	16	5	4	9	25	
	Civil Society													
	NGO(including													



	school drop-outs)													
	Others (Pl. specify)													
<b>Vocational training programmes</b>	Farmer and Farm women	Backyard poultry farming for income and employment generation (1)	1	Oct	7	On	-	15	15	-	10	10	25	
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													
<b>Sponsored training programmes</b>														<b>Sponsoring agency</b>
	Farmer and Farm women	Scientific management of backyard poultry (1)	1	April	3	On	10	10	20	10	10	20	40	SIRD
	Rural Youth	Disease management in backyard chicken and duck (1)	1	July	1	On	15	5	20	5	5	10	30	SIRD
	Extension Personnel													

	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													

**Discipline: Home Science**

**Name of the concerned Programme Assistant:**Ms. Mridusmita Borthakur

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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>	Nutritional Gardening													
	Nutritional diet for children/ Pregnant women													
	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)	<b>Title:</b> Ergonomically designed weaving chair for fly shuttle weavers <b>Technology:</b> The height and width of the chair is determined on the basis of anthropometric measurements such as sitting height, sitting shoulder height, shoulder breadth, hip breadth, buttock popliteal length & popliteal height of fly shuttle weavers to reduce drudgery and enhance comfort of the weavers. The back rest provided in the chair is fixed at 90° angle between seat and back for reduction of physiological fatty and back pain of fly shuttle weavers	AAU, Jorhat, 2011	A	3 unit	Padmapur, South kajalgao n	2-5 months (Sept-Feb, 2014)	-	2	2	-	1	1	3
	Techniques of child care/ old age	<b>Title:</b> Traditional bamboo walker for infant <b>Technology:</b> Validation of ITK	ITK	A	5 unit	Baikhun gaon, Sonapuri	2-4 months (May, 14 – Aug, 14)	1	1	2	1	2	3	5
	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													
	Nutritional diet for children/ Pregnant women	Introduction of Assam Mix as a weaning food	AAU, Jorhat	3	5 unit	Baikhung aon, Padmapur, South kajalgao n	6 months (Aug, 14 – Jan, 15)	1	2	3	1	1	2	5

	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 unit	Kaljalgaon, satipur, Bijni	6 months (April, 14 – Oct, 14)	-	2	2	-	4	4	6
	Utilization of waste materials  (Bio-degraded/ Bio-nondegraded)													
	Storage techniques (grains/ fruits/ fishes/ meat etc)	Popularization of Improved duli	AAU	3	5 unit	Kaljalgaon, Enkorbari, Bijni	1 year (Jun, 14 – May, 15)	-	3	3	-	2	2	5
	Uses of women friendly tools (WFT)	Popularization of spreading tool (Kurhuna)	AAU	3	10 unit	Sidli, Khamarpura, Bijni	6 months (May, 14 – Oct, 14)	-	6	6	-	4	4	10
		Comparison of Improved Naveen Sickle with traditional sickle	CIAE, Bhopal	3	5 unit	Enkorbari, Sundarpu r, Nowagao n, Khamarp	6 months (Apr, 14 – Oct, 14)	-	3	3	-	2	2	5

						ara, Elegma ri								
	Techniques of child care/ old age													
	Others (Pl. specify)													
Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of traini ng progs	Period of the year	Duratio n (in days)	On/Off campus	Number of beneficiaries						Grand Total	Remarks
							SC/ST			General				
							M	F	Total	M	F	Total		
On and Off campus training programmes	Farmer and Farm women	Designing of high nutrient efficiency diet for children (1)	1	Sept	1	Off	3	14	17	2	6	8	25	
		Minimization of nutrient loss during processing (2)	2	Nov, Jan	1	Off	8	28	36	4	10	14	50	
		Agro- based Income generation activities for empowerment of rural Women (1)	1	Oct	1	Off	-	8	8	-	17	17	25	
	Rural Youth	Value addition of locally available fruits and vegetables (1)	1	Aug	1	Off	2	3	5	5	15	20	25	
		Artificial flower making (1)	1	July	1	Off	2	4	6	6	13	19	25	
	Extension Personnel	Care of pregnant and lactating mothers (1)	1	Dec	1	On	-	10	10	-	15	15	25	
	Civil Society													

	NGO(including school drop outs)													
	Others (Pl. specify)													
<b>Vocational training programmes</b>	Farmer and Farm women													
	Rural Youth	Preservation and processing of traditional fruit crops (1)	1	May	7	On	3	14	17	2	6	8	25	
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													
<b>Sponsored training programmes</b>														<b>Sponsoring agency</b>
	Farmer and Farm women													
	Rural Youth													
	Extension													

	Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													



**Discipline: Agricultural Economics**

**Name of the concerned Subject Matter Specialist: Dr. Hiranya Kumar Baruah.**

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Mandated activities	Thematic Area	Details of Technology	Source and Year of release	Assess/Refine	Area (in acre)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
<b>On farm testing</b>	Formation of Groups	Formation of Self Help Groups	-	A	8 unit	Bijni, Sidli Borobazar	1 year (Apr, 14 -Mar, 15)		40	40		40	40	80
	Benchmark Survey (PRA etc)	Participatory Rural Appraisal	-	A	4 nos.	Sidli, Bengtol, Barabazar	1 year (Apr, 14 -Mar, 15)	5	35	40	5	35	40	80
	Impact Assessment	Impact Assessment in TSP programme operated at Chirang district	-	A	30 nos demo	Sidli	3 months (Jan, 15 -Mar, 15)							
	Technology Backstopping													
	Dissemination time/ Loss of technologies													
	Coordination/ Convergence/ Linkages promoted/ created													

	Others (Pl. specify)													
Mandated activities	Thematic Area	Technology/Crop/Cropping system	Source and Year of release	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	Mushroom cultivation for economic upliftment	AAU	5	5 unit	Dhaligaon, Sidli	5 months (Oct, 14 – March, 15)	10	10	20	2	3	5	25
	Dissemination time/ Loss of technologies													
	Coordination/ Convergence/ Linkages promoted/ created													
	Others (Pl. specify)													

Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of training progs	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	Marketing of Agricultural produce (3)	3	April, May, June	1	Off	15	6	21	36	18	54	75	
		Entrepreneurship development (2)	2	July, Aug	1	Off	10	4	14	24	12	36	50	
	Rural Youth	Formation and management of self help group (2)	2	Sep, Oct	1	Off	10	4	14	24	12	36	50	
	Extension Personnel	WTO,IPR issue Information networking among farmers (2)	2	Nov, Dec	1	On	14		14	24	12	36	50	
	Civil Society	Commodity future market (2)	2	Feb - Mar	1	On	10	5	15	25	10	35	50	
	NGO(including school drop-outs)													
	Others (Pl. specify)													
<b>Vocational training programmes</b>	Farmer and Farm women													
	Rural Youth	Maintenance of books and	1	Jan	7	On	5	3	8	12	5	17	25	

		records (1)												
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													
<b>Sponsored training programmes</b>														<b>Sponsoring agency</b>
	Farmer and Farm women													
	Rural Youth													
	Extension Personnel													
	Civil Society	Commodity future market (1)	1	March	1	Off	5	5	10	10	5	15	25	NABARD
	NGO(including school drop-outs)													
	Others (Pl. specify)													

**Extension Activities proposed for the year 2014-15**

Specific activity	No. of activities	Period of the year	Duration (in days)	Number of beneficiaries (No.)							
				SC/ST			General			Grand Total	
				M	F	Total	M	F	Total	M	F
Diagnostic visit	60	Round the year	1 day each	42	8	50	8	2	10	50	10
Advisory services/ telephone talk	60	Round the year	-	30	10	40	15	5	20	45	15
Training Manual	2	-	-	-	-	-	-	-	-	-	-
Celebration of Important days	3	-	1 day each	80	25	105	30	15	45	110	40
Exhibition	3	-	-	100	50	150	120	30	150	220	80
Exposure visit	2	Oct - Mar	1 day each	25	5	30	50	20	70	75	25
Extension literature (Leaflet/ folders/ Pamphlets)	12	Round the year	-	600	200	800	300	100	400	900	300
Extension / technical bulletin	6	Round the year	-	300	100	400	150	50	200	450	150
News letter	1	Mar, 15	-	50	50	100	50	50	100	100	100
News paper coverage	6	Round the year	-	-	-	-	-	-	-	-	-
Research publications	6	Round the year	-	-	-	-	-	-	-	-	-
Success stories/ Case studies	3	Round the year	-	100	50	150	80	70	150	180	120
Farm Science Clubs' Convenors meet	-	-	-	-	-	-	-	-	-	-	-
Farmers' Seminar	1	Feb, 15	1 day	50	50	100	0	0	0	50	50
Farmers' visit to KVKs	300	Round the year	-	150	50	200	50	50	100	200	100
Ex-trainees' meet	1	Jan, 15	1 day	10	4	14	10	1	11	20	5
Field day	6		1 day each	50	25	75	60	15	75	110	40
Film show	2	Nov – Dec	1 day each	20	20	40	10	0	10	30	20

Radio Talk	-	-	-	-	-	-	-	-	-	-	-
TV talk	-	-	-	-	-	-	-	-	-	-	-
Kishan Goshthi	-	-	-	-	-	-	-	-	-	-	-
Group Meeting	-	-	-	-	-	-	-	-	-	-	-
Kishan Mela	-	-	-	-	-	-	-	-	-	-	-
Soil Health Camps	1	Nov	1 day	13	12	25	15	10	25	28	22
Animal Health Camps	-	-	-	-	-	-	-	-	-	-	-
Awareness camp Mobile Agro-Advisory (Messages/ Beneficiaries)	4	-	1 day each	30	20	50	40	10	50	70	30
Method demonstration	10	Round the year	1 day each	60	50	110	60	30	90	120	80
Scientists' visit to farmers' field	25	Round the year	1 day each	50	20	70	20	10	30	70	30
Workshop/ Seminar	-	-	-	-	-	-	-	-	-	-	-
Soil Testing	80	Round the year	-	28	12	40	30	10	40	58	22
Water Testing	-	-	-	-	-	-	-	-	-	-	-
Plant Testing	-	-	-	-	-	-	-	-	-	-	-
Manure Testing	-	-	-	-	-	-	-	-	-	-	-
Any other (Vaccination camp)	4	-	1 day each	80	60	140	40	20	60	120	80
TOTAL	602	-	-	1993	866	2859	1138	528	1666	3131	1394

**Seed Production proposed for the year 2014-15:**

Sl. No.	Crop	Variety	Production (in Tonnes)
<b>A.</b>	<b>Cereal</b>		
1.	Rice	Ranjit	150.00
2.	Buckwheat	Local	2.00
<b>B.</b>	<b>Oilseeds</b>		
1.	Toria	TS-38	5.00
2.	Sesame (Til)	Local	0.2
3.	Niger	NG-1	0.3
<b>C.</b>	<b>Pulses</b>		
1.	Arhar	T-21	0.03
2.	Blackgram	T-9	0.05
3.	Dhaincha	Local	0.1
<b>D.</b>	<b>Vegetables</b>		
1.	Potato	Kufri Jyoti	3.0
2.	Ginger	Nadia	0.5

**Planting Materials/ Seedlings proposed for the year 2014-15**

Sl. No.	Crop/ plant	Variety	Production (No. in lakh)
<b>1.</b>	<b>Vegetables</b>		
a)	Cabbage	Hybrid	0.015
b)	Cauliflower	Hybrid	0.015
c)	Knolkhol	White Viena	0.010
d)	Tomato	Avinash-3	0.020
<b>2.</b>	<b>Fruits</b>		
a)	Pineapple sucker	Kew	0.020
b)	Banana sucker	Malbhog	0.015
<b>3.</b>	<b>Ornamental plants/ trees</b>		
<b>4.</b>	<b>Tree species</b>		

<b>5.</b>	<b>Flowers</b>		
a)	Gerbera	Red Gem	0.010
b)	Chrysanthemum		0.005
c)	Dahlia		0.005
d)	Dianthus		0.020
<b>6.</b>	<b>Others (Pl. Specify)</b>		

**Livestock strains/ Fingerlings proposed for the year 2014-15**

<b>Sl. No.</b>	<b>Livestock strains/ Fingerlings</b>	<b>Breed/ species</b>	<b>Quantity (No. in lakh)</b>
<b>A.</b>	<b>Livestock strains</b>		
1.			
<b>B.</b>	<b>Poultry</b>		
1.			
<b>C.</b>	<b>Duckery</b>		
1.			
<b>D.</b>	<b>Fisheries</b>		
1.			
<b>E.</b>	<b>Others (Pl. Specify)</b>		
1.			



**Activity Calendar of the KVK (Month-wise target to be completed) for the year 2014-15**

**KVK: Chirang**

	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
<b>OFT (Nos.)</b>													
i. Number of Technologies	4	2	4	2	1	4	3	1		1	1		23
i. Number of Trials	20	7	19	8	10	19	7	3		30	3		126
ii. Area (ha)/ items (no.)	0.03/ 17 unit	0.62/ 4 unit	1.22/ 5 unit/ 200 no.	0.80/ 100 no.	100 no.	0.74/ 10 unit	1.71	0.62		30 no.	0.03		5.86/ 36 unit/ 430 nos.
<b>FLD (Nos.)</b>													
i. Number	6	6	7		3	9	34	18	4	7	7		101
ii. Area(ha)/ items (no.)	16 unit	13 unit	2.08/ 5 unit		5 unit	1.53	15.15/ 5 unit	4.64/ 150 no.	100 no.	2.08/ 5 unit	1.03/ 5 unit		26.52/ 54 unit/ 250 nos.
<b>Training programme</b>													
<b>A. Farmer</b>													
i. No. of course	5	5	5	4	3	5	5	3	2	3	1	1	42
ii. No. Of participants	140	125	125	100	75	125	125	75	50	75	25	25	1065
<b>B. Rural Youth</b>													
i. No. of course		3		4	2	2	3	1	1	1	3	1	21
ii. No. Of participants		70		105	50	50	70	25	20	20	90	25	525
<b>C. Ext. Personnel</b>													

i.	No. of course					1			1	5	2	1	2	12
ii.	No. Of participants					25			25	110	45	20	45	270
<b>Extension Activities/ programmes</b>														
i.	No. of activities													602
ii.	No. of beneficiaries													4525
<b>Seeds production (tonnes)</b>														
<b>Planting materials (Nos. in lakh)</b>														
<b>Livestock strains (No. in lakh)</b>														
<b>Fingerlings (No. in lakh)</b>														
<b>Bio-agents/ products (tonnes)</b>														
<b>Bio-fertilizers/ Vermicompost etc. (in Tonnes)</b>														
Azolla – 0.2 Vermicom post – 0.5														
<b>Soil , Water, Plant, Manures Testing (No. of samples to be tested)</b>		Soil-	Soil-	Soil-	Soil-	Soil-	Soil-	Soil-10	Soil-20	Soil-20	Soil-10	Soil-10	Soil-10	Soil- 80
<b>Soil , Water, Plant, Manures Testing (No. of farmers benefitted)</b>		Soil-	Soil-	Soil-	Soil-	Soil-	Soil-	Soil-10	Soil-20	Soil-20	Soil-10	Soil-10	Soil-10	Soil- 80
<b>Soil , Water, Plant, Manures Testing (No. of villages covered)</b>		Soil-	Soil-	Soil-	Soil-	Soil-	Soil-	Soil-5	Soil-7	Soil-8	Soil-5	Soil-5	Soil-5	Soil- 35
<b>Mobile Agro-Advisory (No. of Messages)</b>		4	4	4	4	4	4	4	4	4	4	4	4	48
<b>Mobile Agro-Advisory (No. of Farmers)</b>		400	400	400	400	400	400	400	400	400	400	400	400	4800

Signature  
Programme Coordinator