

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*

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Name of the KVK/District: .....KVK,Thoubal..... State:.....Manipur.....

Host Organization:..Dept. of Agriculture,Govt. of Manipur.....

**Present Staff Position in KVK**

Sl. No.	Name	Gender (M/F)	Category (General/OBC/SC/ST)	Designation	Discipline
1.	Dr. M. Thoithoi Singh	M	Gen	i/c, Programme coordinator	Plant Protection
2.	S. Sumangal Singh	M	Gen	Subject Matter Specialist	Plant Breeding and Genetics
3.	N. Tomba Singh	M	Gen	Subject Matter Specialist	Agronomy
4.	Dr. S. Zeshmarani	F	Gen	Subject Matter Specialist	Veterinary & Animal Science
5.	Y. Bedajit Singh	M	OBC	Subject Matter Specialist	Fishery

6.	Kh. Premlata Devi	F	SC	Subject Matter Specialist	Horticulture
7.	W. Jiten Singh	M	OBC	Farm Manager	Agronomy
8.	R.K. Lembisana Devi	F	Gen	Programme Assistant	Home Science
9.	L. Babita Devi	F	Gen	Programme Assistant	Computer Science
10.	Ng. Brojendro Singh	M	Gen	Accountant/Superintendent	
11.	M. Geeta Devi	F	Gen	Steno/Computer Operator	
12.	M. Hemanta Singh	M	Gen	Driver cum Mechanic	
13.	Th.Tiken Singh	M	OBC	Driver cum Mechanic	
14.	S. Dhabali Singh	M	Gen	Peon cum Chowkidar	
15.	Mangminthang Zou	M	ST	Peon cum Chowkidar	
16.					
	<b>Total</b>	<b>15</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 :**...N.Tomba Singh..... **Mobile No:**.....9862120799.....

**E-mail address:**.....

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	
	Integrated Nutrient Management	Crop-Maize Season-Kharif Biofertilizer- Azotobacter, phosphobacteria & potash bacteria +50%RD of Chemical fertilizer	ICAR, 2008	A	3	Waithou, Wangmataba, Okram, Kiyam siphai, Khongjom, Waikhong, Kakching, Keirak, Uyan, Yairipok	June-Sept	2		2	8		8	10
	Sugarcane production	Crop-Sugarcane Season-Spring Method of planting-Ring pit Method-90cm diameter pit -24 setts/pit	IISR, Lucknow, 2004	A	1	Keirak, Kakching, Bojoy khunou, Langthabal	12mths	2		2	2		2	4

	Tillage Management/ Farm Machinery													
	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	Pulse Prodn.	Scientific cultivation of blackgram/blackgram /pulse based cropping system Seed rate- 16kg/ha Spacing- 30 x 10 cm	ICAR 2007	10	6.5	Uyan,Uk hongsan g,Wangm ataba,Th oubal Khunou, Waithou, Waikhon g,UMath el	May-Aug	2	1	3	7	-	7	10
	Seed Production	Scientific cultivation of Lentil & chickpea/cropping system Seed rate-35kg/ha(lentil) -80 kg/ha(Chickpea) Spacing-30 cm	ICAR 2007	20	10	Khongjo m,Kakchi ng,Waikh ong,Wan gjing,Wa ngmataba,Keirak	Nov-April	1	1	2	8	-	8	10
	Cereal prodn.	Scientific cultivation of maize/Cropping system Seed rate- 20 kg/ha Spacing-60x25 cm	IARI,201 1	30	21	Waithou, Kiyam Siphai,Th oubal Khunou, Wangma	Spring,Kharif & Rabi maize	5	3	8	18	4	22	30

						taba,Wa ngjing,He irok,Ukh ongsang, Bhengi,U yan,Keira k,Kakchin g,Waikho ng,Thong jao,Wabg ai,Chand rakhong, Serou								
	Cereal production	ICM in rice Seed rate-12kg/ha Spacing-20x20 cm Age of seedling-17 days	ICAR,200 7	10	6.5	Wangjing ,Khongjo m,Keirak, Thongjao ,waikhon g,Ukhong sang,Kiya m Siphai,W angmata ba,Chara ngpat,Yai pok		2	-	2	7	1	8	10
	Integrated Farming System/ Integrated Crop Management	Intercropping of maize + blackgram(1 :2 ratio)	ICAR,200 8	10	2	Khongjo m,Uyan, Chandrak hong,Wa ikhong,W aithou,W angmata ba,Kiyam Siphai,Ke	May-Sept	1	-	1	8	1	9	10

						irak								
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	i)Cultivation of kharif pulses & oilseeds(2)	11	April-May	1 day each	On/off	3	2	5	29	6	35	40	On campus-Ukhongsang
		ii) Nursery raising of rice(1)		May		Off	-	-	-	15	5	20	20	Khongjom
		iii)Seed prodn. of rice through SRI(1)		June		On	2	1	3	14	3	17	20	On campus
		iv)Scientific cultivation of rice(1)		June		Off	16	4	20	-	-	20	20	Waikhong
		v)Integrated Nutrient Management(1)		July		Off	-	-	-	15	5	20	20	Thongjao
		vi)green manuring & its importance in Nutrient management(1)		April		Off	-	-	-	16	4	20	20	Keirak
		vii)Use of organic inputs(1)		Sept.		Off	-	-	-	17	3	20	20	Wangjing
		viii)Scientific cultivation of maize(2)		May-Sept.		Off	7	3	10	26	4	30	40	Serou & on campus
		ix)Crop diversification(1)		Aug.		off	-	-	-	18	2	20	20	
	Rural Youth	i)Prodn. of organic inputs(1) ii)Integrated farming(1)	2	Oct Nov.	1	Off off	2 2	1 1	3 3	15 15	2 5	17 20	20 20	Chandrakhong Chandrakhong
Extension Personnel	i)Productivity enhancement of field crops(1)	1	Nov.	1	off				14	6	20	20	On campus Leishangthem	
Others (Pl. specify)														

<b>Vocational training programmes</b>	Farmer and Farm women	Crop Diversification(2)	2	Dec, Feb	2	Off	15	5	20	16	4	20	40	
	NGO(including school drop outs)	Seed production of rice,Pulses & oilseeds(1)	1	Jan	1	Off	2	1	3	15	2	17	20	
	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 :...Kh Premlata Devi..... **Mobile No:.....8729868615.....**

E-mail address:.....khpreamlata11@gmail.com.....

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	1.Onion- Var Bhima dark red Spacing-15x8 cm RD NPK-150:50:50 kg/ha FYM- 12kg/ha	DOGR, 2012	A	1	Tentha , Kakching, Ukhongshang , Yairipok, Khongjom	Sept-Feb	2		2	3		3	5
		2.Garlic- Var . G-408 Spacing-15 x 7 cm RD NPK-150:50:50 kg/ha FYM- 12kg/ha	DOGR, 2012	A	1	Wangkhem, Thoubal khunou, Sapam Wangjing, Wabagai, Tekcha	Sept-Feb				5		5	5



							m								
Mandate 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		
<b>Front Line Demonstration</b>	Varietal evaluation	Water melon-Var.Arka Akash Spacing-triangular method -5x5ft RD NPK-120:60:60 kg/ha FYM-10kg/ha(localized)	IARI,2009	1	2	Umathel Langathel Kakching Keirak Kakching	Jan-April	1		1	5		6	6	
	Integrated Nutrient Management	INM on cauliflower Root dip method PSB +%P+RDNk(120:60:100)kg/ha +FYM 11t/ha(localized)	Dr. YS parmar Univ.O f hort & forestry, Solan 2012	2	2	Kakching keirak, Salung pham, Wangjing, Lamding, Wabagai, Yairipok	Sept-Nov	2		2	6		6	8	
	Any other (Pl. Specify)	Vegetable	Dr.Y.S	3	2	Ukhon					5	1	6	6	

	Vegetable production	production of tomato- Use in organic amendment (vermicompost only) in quality production Spacind 60x45cm,vermicompost-300gm/plant	parmar UHF,Solan,2012			gshang , Langat hel, Khongjom, Wabagai, Lilong									

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	Nursery management of veg.crops(1) Scientific cultivation of cole crops(3)	4	Aug-Oct Jan-March	4	Off	14	6	20	30	30	60	80		
	Rural Youth	Propagation of fruit crops & management(1) Exotic veg. prodn.(2)	3	June-July	3	Off	SC-15 ST-10	5 10	20 20	15	5	20	20 40		
	Extension Personnel	Post harvest technology(1)	1	March	1	On				20		20	20		
	Civil Society	Need based													
	NGO(including school drop-outs)	Planting material production of vegetable(1)	1	Feb	1	off			10	10	20	20	20		
Vocational training programmes	Farmer and Farm women														
	Civil Society	Off season veg.production(1)	1	April	1	On				12	8	20	20		
	NGO(including school drop-outs)	Seed treatment & sowing method(1)	1	Sept	1	Off	SC-16	4	20				20		

	Others (Pl. specify)													
<b>Sponsored training programmes</b>														<b>Sponsoring agency</b>
	Farmer and Farm women	Method demonstration (Mushroom cultivation)(1)	1	Nov.	2	0n				10	10	20	20	ATMA Hort.Deptt. Thoubal District
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													

**Discipline: Plant Breeding**

**Name of the concerned Subject Matter Specialist : S.Sumangal Singh Contact No: 9862717582**

**E-mail address: surmangal07@gmail.com**

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 trial (on mustard)	Variety: NPJ-112 Seed rate:4kg/ha Spacing: row to row-30cm Plant to plant-10cm Seed treatment: Carbendazin 50%WP@2gm/kg Fertilizer: NPK@ 60:80:40 Check variety: EJ-17	IARI 2009	A	0.30x 8= 2.4	Kakching, Uchiwa, Sekhongjao, Tentha, Tekcham , Leiphrakpam	Oct-Feb				5	3	8	8
	Varietal trail (on spring rice)	Variety: CAUR-34 RCM-13 Seed rate: 4kg/ha (SRI) Spacing: 25x 25cm Others as in SRI	CAU 2013	A	0.60x 8 =4.8	Uchiwa(2), Sekmai ji n (2), Leishangt hem (2), Tentha (2)	Feb-July				7	1	8	8
	Varietal trail on cumin	Variety: RZ-2234 RZ-341 Seed rate-14kg/ha Depth of sowing-10cm Fertilizer-N=30kg/ha	Gujarat AgriUni versity, 2006	A	.15x5 = 0.75a cre	Thongjao , Wabagai, Tentha, Kakching	Nov-Feb	2		2	3		3	5

P=20kg/ha														
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	
<b>Front Line Demonstration</b>	Seed production	Seed production of rice Variety: RCM-9 Method-SRI	ICAR NEH, Region 2007 DRR, Hyderba d,2005	5	7.5	Wabagai, Ilrengban d, Thongjao	June-oct	2		2	2	1	3	5
	Cropping system	Garden pea(trailing type) + cabbage Farmer's innovative method Staking-sparse with bamboo poles, gt wirex polyster thread Spacing: 1.5x 1.5ft (pea) Cabbage: 5x 1.5 ft (Cabbage)	Farmer's innovatio n 2012	10	12.5	Wabagai, Irong, Leiphrak pam	Sept.feb				5	5	10	10
	Cereal production	Variety: HQPm-7 Seed rate-20kg/ha Spacing-60x25cm	ICAR, DMR 2007	5	3.13	Kakching, Tentha, Thongjao	Feb-May	2		2	3		3	5
Mandate d	Target group	Title of the training Programme and No.	No. of ar	ye the	Duration (in days)	On/Off campus	Number of beneficiaries						Remarks	
							SC/ST	General			Grand			

activities		of Courses in bracket	trainin g progs										Total	
							M	F	Total	M	F	Total		
On and Off campus training programmes	Farmer and Farm women	1.Scientific cultivation of hybrid rice(2)	2	Mat,June	2	On/Off	4	2	6	26	8	34	40	Wabagai
		2.Cultivation of Pre-kharif rice using suitable varieties(1)	1	Jan	1	Off				16	4	20	20	Sekmai jin Kakching keirak
		3.Seed production in rice (2)	2	July	2	Off	15	5	20	14	6	20	40	Wangjing Hiyanglam
		4.Off season varieties of cabbage & cauliflower(1)	1	April	1	Off				15	5	20	20	Office
		5.Late sown rice varieties & their cultivation practice(1)	1	July	1	Off				14	6	20	20	Office
		6.Cultivation of garden pea (an innovation approach)(1)	1	October	1	On	5	2	7	8	5	13	20	Kakching
	Rural Youth	1.Seed production in rice (HYV)(1)	1	Aug	1	On	4	2	6	10	4	14	20	
		2.Grafting of mango(1)	1	October	1	Off	13	7	20				20	
<b>a i n</b>	Farmer and Farm	1.Hybrid rice for	1	Nov.	1	Off				16	4	20	20	

	women	higher productivity(1)												
		Income generation through cultivation of local garden pea(1)	1	Sept	1	Off				15	5	20	20	
	Rural Youth	Budding and grafting ornamental plants(1)	1	March	1	On				15	5	20	20	
	NGO(including school drop outs)	Seed production of rice(1)	1	April	1	On				14	6	20	20	
	Others (Pl. specify)													
<b>Sponsored training programmes</b>														<b>Sponsorin g agency</b>
	Farmer and Farm women													
	Rural Youth													
	NGO(including school drop outs)													



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

**Name of the concerned Subject Matter Specialist:** Dr.M.Thoithoi Singh **Mobile No:** 9856282339

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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>	Pest Mgmt	Management of ladies finger pest with Cyantraniliprole (HGW 86-10% )	TNAU,2013	A	2	Charang pat, Lilong, Wabagai Laipham loknung	April-July (4mths)	1	1	2	2	1	3	5
	Integrated Disease Mgmt	Mgmt. of wilt disease of chilli with Carbendazim, captan, Nematicide, Sebutos @ 0.2% oxyflurofen 0.2% groundnut cake, T.harzianu	JAU,2013	A	2	Wabagai Wangjing Tentha Wangmataba Kakching	April-July (5mths)	1		1	3	1	4	5
	Biological control (Insect/pest/weeds etc)													
	Product evaluation (Efficacy)	Spiromesifen 240SC (Oberon 240 SC) against whiteflies & mites on tomato	MPKV, 2010	A	1	Lamjao Kakching Langathe I Chandrak hong Heirok	August	1		1	3	1	4	5

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	
<b>Front Line Demonstration</b>	Pest Mgmt	Mgmt. of rice plant hoppers with Imidachloprid 40% + Ethiprole 40%	Rice Research Institute Anakapali, A.P	10		Kakching Wangbal Khangabok Charangpat Wangkhem Sora Yairipok Ukhongshang Lourembam	July-Nov	2		2	5	3	8	10
		Insect pest mgmt. of bitter gourd in Chlorantraniliprol	TNAU, 2011	10		Wabagai Kakching Lamjao Langathe I Langmeidong	April-August	1	1	2	6	2	8	10
	Biological control (Insect/pest/weeds etc)	Maize as trap crop for onion thrips	NHR& D Nasik, 2011	10		Tentha Sapam Wabagai Ukhongshang Lilong Uyan Kakching	Oct-March (6mths)		1	1		4	3	10

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	1.Trap crops of different crops .(3)	3	July	1	Off	10	10	20	20	20	40	60	At three diff.places.
		2. Instalation of pheromon traps (2)	2	Sept	1	Off & On	5	5	10	15	15	0	40	At 2 diff.places
	Rural Youth	Pesticide spraying techniques (5)	5	July/ Aug	1	Off	20	10	30	50	20	70	100	At 5 diff. places
	Extension Personnel	Identification of different pest of rice (1)	1	Aug	1	On	5	3	8	7	5	12	20	
	Others (Pl. specify)													
Vocational training programmes	Farmer and Farm women	Mushroom cultivation (3)	3	July & Oct	3	Off & On	10	10	20	20	20	40	60	At 3 diff.places
	Rural Youth													
	Extension Personnel													
	NGO(including school drop-outs)													

														Sponsoring agency
Sponsored training programmes	Farmer and Farm women													
	Rural Youth	New molecule pesticides for dif. Pests (1)	1	Aug	1	On	5	3	8	10	7	17	25	Southern Agro Agency, Imphal
	Extension Personnel	New molecule pesticides for dif. Pests (1)	1	Aug	1	on	2	2	4	10	10	20	24	Farmers development Centre, Imphal
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													

**Discipline: Animal Science**

**Name of the concerned Subject Matter Specialist** Dr.Sarangthem Zeshmarani **Contact No:**9856116270

**E-mail address:** zeshma.sarangthem@gmail.com

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>	Feeding management	1.Feeding of probiotic and enzyme in broiler. Amount to be added 2gm/lit drinking water Parameters to be assess 1.Weekly body weight upto 8wks 2.Weekly mortality 3.Weekly feed intake 4.B:C ratio	C VA Sc, Parvani ,2010	A		Thoubal, Wangjing , Kakching, Yairipok	2mths	1	1	2	1	2	3	5
		2.Performance of geese by feeding locally available feed supplemented with vitamin & mineral Amount of feed- Ad libitum feeding Amount of vit.& mineral-5gm/day Parameters to be assess 1.Body weight at 4,8,12,16,20,24 weeks 2.Mortality % 3.Egg weight 4.Dressing % 5.B:C ratio	WBUAF sc,2011	A		Lilong, Moijing, Sangai yumpha m	8mths		1	1	3	1	4	5

	Housing													
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	Breed improvement													
	Feeding management	1.Effect of garlic feeding on growth performance of broiler.	MAFSU, Parbani 2010	10		Wabagai, Yairipok,, Wangbal, Kakching	60days	2		2	6	2	8	10
		2. Production and economic analysis of Small farming through restricted feeding	WBUA Fsc, 2010	10		Yairipok, Thoubal, Wangjing , Wangbal, Tekcham	60days				6	4	10	10
	Healthcare	Effect of vitamin, mineral supplements on preweaned growth performance of local goat of Manipur	KVK Nadia, West Bengal 2010	10		Thoubal, Moijing, Yairipok	90days				7	3	10	10
	Housing	Comparative study on growth and production of Giriraja, Vanaraja, under semi intensive system of rearing	WBUA Fsc, 2011	10		Tentha, Khongjom, Kakching, Teckcham	7months	1		1	4	4	8	10
	Others (Pl.	Economics of Duck cum fish		10		Leishangt	8mths				5	5	10	10

	specify) Integrated farming system	farming					hem, Hiyangla m, Thoubal chingya							
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	1.Advantage of restricted feeding in broiler (1) 2.Common diseases of livestock & poultry.(2)	3	April,14  Sept.14	1  1	Off  Off				12	8	20	20	
	Rural Youth	1.Scientific poultry farming.(1) 2.Scientific pig farming for income generation.(1)	2	Oct,14  Dec,14	1  1	Off  Off	13	7	20				20	
	Extension Personnel	1.Integrated livestock farming(1)	1	Jan,15	1	On	2	3	5	10	5	15	20	
	Civil Society	Care and management of piglet(1)	1	Aug,14	1	Off				15	5	20	20	
	NGO(including school drop-outs)	1.Profitable dairy farming(1) 2. Advantage of feeding mineral & vitamin	3	July,14  Nov,14	1  1	Off  Off				13 15	7 5	20 20	20 20	

		supplement in goat(1) 3.Chemical castration in pig(1)		June,14	1	Off	3	2	5	12	3	15	20	
	Others (Pl. specify)													
<b>Vocational training programmes</b>	Farmer and Farm women	Scientific broiler farming(1)	1	Feb,14	1	On	2	2	4	10	6	16	20	
	Rural Youth	Methods of preservation of meat & milk(1)	1	May,14	1	Off	3	2	5	12	3	15	20	
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)	Scientific geese farming(1)	1	March, 15	1	Off				13	7	20	20	
	Others (Pl. specify)													
<b>Sponsored training programmes</b>														<b>Sponsoring agency</b>
	Farmer and Farm women	Scientific pig farming for income generation(1)	1	Aug,14	1	On	2	5	7	8	5	13	20	
	Rural Youth													
	Extension													



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

**Discipline: Fishery**

**Name of the concerned Subject Matter Specialist** Yumnam Bedajit Singh **Contact No:** 9862104430

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

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>	Pond management	Induced breeding of indigenous barb, Puntius & pethia sp. Parameters to be observed 1.Hatching % 2.Fertilization rate 3.Egg production 4.Survival of seed 5.Growth of seed	MU,2013	Assess	3.5	Chandrakhong, Phajakhong, Hoakha, Yairipok, charangpat, Wangjing, Tentha	April-Aug.				6	1	7	7
	IFS Modules	Fish cum poultry farming Parameters to be observed	CIFE (ICAR), 2008	Assess	3.5	Wabagai, Tekcham,	April-Sept.	1		1	5	1	6	7

		1.Growth of fish 2.B:C ratio				Kakchin g, Waikho ng, Irong chessa ba, Lilong								



Mandated activities	Thematic Area	Technology/Crop/Cropping system	Source and Year of release	Demo n (No.)	Area (in acre)	Location	Period and Duratio n	Number of beneficiaries						
								SC/ST			General			Gr and Total
								M	F	Total	M	F	Total	
<b>Front Line Demonstration</b>	Fish breeding	Induced breeding of carps in portable FRP carp hatchery Parameters to be observed 1.Egg production 2.Hatchery % 3.Fertilization rate 4.Survivability of seed	CIFA,2009	7	3.5	Nongmai khong, Thoubal khunou, Wangjing , khoirom, Phajakhn g, heirok, Thoubal chingya	April-Aug	1		1	5	1	6	7
	Feeding management	Feeding locally available feeds (Rice brand +mustard oil cake +minamil) @3% of biomass of fish Parameters to be observed 1.Growth of fish 2.B:C ratio	CIFRI,2008	7	3.5	Leishangthem, Wabagai, hiranmei, Khoirom, Thongjao , Tentha, Wangjing	Apr-oct.				7	7		7
	IFS Modules	Fish cum paddy farming 1.Growth of fish	CIFRI,2006	7	3.5	Waikhong,	May-oct.		1	1	6		6	7

		2.Production of paddy 3.B:C ratio				Wangjing , Thobal khunou, Keirak, HHaokha , Sabalton gba								



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	1.Scientific fish farming(1)	1	April	1	Off				15	5	20	20	
		2.Feeding management(1)	1	May	1	Off				15	5	20	20	
		3.Seed production(1)	1	June	1	Off				15	5	20	20	
		4.Hatchery management(1)	1	July	1	On				15	5	20	20	
		5.Integrated fish farming(1)	1	Aug	1	Off	15	5	20				20	
		6.Fish health	1	Oct	1	Off				15	5	20	20	

		management(1)												
		7.integrated fish farming(1)	1	Nov	1	Off				15	5	20	20	
		8.Water quality management(1)	1	Dec	1	Off				15	5	20	20	
		9.Scientific fish(1)	1	Jan	1	Off				15	5	20	20	
		10.Fish health management(1)	1	Feb.	1	off				15	5	20	20	
	Rural Youth	1.Ornamental fish culture(1)	1	Mar ch	1	On	5	5	10	5	5	10	20	
		2.Value addition in fish and fishery products(1)		Sept	1	on	5	5	10		5	10	20	
<b>Vocational training programmes</b>	Farmer and Farm women	Integrated fish farming(1)	1	Oct	1	On	5			5	12	3	15	20
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													

														Sponsorin g agency	
<b>Sponsored training programmes</b>	Farmer and Farm women														
	Rural Youth														
	Extension Personnel														
	Civil Society														
	NGO(including school drop-outs)														
	Others (Pl. specify)														

**Discipline: Home Science**

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Mandated activities	Thematic Area	Details of Technology	Source and Year of release	Ass ess/ Refi ne	Area (in acre)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
	Energy saving tools/ devices	Double Reflector Box type Solar cooker Overall Dimentions(mm) Consists of two reflector mirror Length:600 Width : 500 Height : 250	CIAE,2010	A	-		May-July	2	2	4		6	6	10
	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	
Dee	Organic dye	Plant used- Turmeric stems	A.A.U,20	10		Toubul,S	May-july	5	-	5	-	5	5	10



introduction/ utilization	Method:- ½ kg turmeric stem(Lakadong) 2 lt. of water Application of selected mordants(Aplpinia nigera(pullei)) to find out different shades	09				hikhong, Sekmai,K hoirom,L eirongth el,Kekru, Wabagai, Thoubal, Khetrileik ai,Wang mataba								
Utilization of waste materials  (Bio-degraded/ Bio-nondegraded)	Extraction of banana fibre from Psedostem. Removal of greenish sheaths till layers are obtain.	AAU,2010	10			Kairembi khok,Moi jing,Athokpam,Hei rok,Nong anghong,Hiyanglam,Wabagai,Hao kha,Lamding,Wa ngkhem	May-june	5	-	5	-	5	5	10

Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of training	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		

			progs											
<b>On and Off campus training programmes</b>	Farmer and Farm women	Value addition of pulses/fruits & veg(2)	2	April, May	1	Off		20			20	40	40	
	Rural Youth	Womens friendly tools(2)	2	June, July	1	Off		20			20	20	40	
	Extension Personnel	Recycling of waste products(2)	2	Aug., Sep	1	Off		20			20	20	40	
	Civil Society	Demonstration on organic dye(1)	1	Oct	1	Off		-			20	20	20	
	NGO(including school drop outs)	Packaging of fish products(2)	2	Oct, Nov	1	Off		20				20	40	

	Others (Pl. specify)	Extraction of dye from turmeric/Organic		Dec,Jan,14	1	Off						20	20	
<b>Vocational training programmes</b>	Farmer and Farm women	Demonstration on R.T.S Beverages		July	1							20	20	
	Rural Youth	Value addition of ginger		Feb	1							20	20	
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)	Proper implementation of SHGs		March	1							20	20	
	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)													

### 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	380	April to march	240	50	10	60	280	140	480	300	180
Advisory services/ telephone talk	1080	-do-		200	150	350	490	240	730	690	390
Training Manual	7	-do-									
Celebration of Important days	6	-do-	6								
Exhibition	2	-do-	10								
Exposure visit	2	-do-	2	20	10	30	50	20	70	70	30
Extension literature (Leaflet/ folders/ Pamphlets)	104	-do-									
Extension / technical bulletin	2	-do-									
News letter	2	-do-									
News paper coverage	20	-do-									
Research publications	10	-do-									
Success stories/ Case studies	7	-do-									
Farm Science Clubs' Convenors meet	10	-do-									
Farmers' Seminar	2		2	20	10	30	50	20	70	70	30

Farmers' visit to KVKs	1200	-do-									
Ex-trainees' meet	1		1	5	2	7	10	3	13	15	5
Field day	2		2	10	5	15	35	10	60	45	15
Film show	1		1	5	2	7	10	3	13	15	5
Radio Talk	40		40								
TV talk	40		40								
Kishan Goshthi	1		1	5	2	7	10	3	13	15	5
Group Meeting	2		2	10	5	15	35	10	60	45	15
Kishan Mela	1		1	5	2	7	10	3	13	15	5
Soil Health Camps											
Animal Health Camps	2		2	20	10	30	150	20	200	170	30
Awareness camp Mobile Agro-Advisory (Messages/ Beneficiaries)	360		360								
Method demonstration	40		40	100	50	150	500	150	800	600	200
Scientists' visit to farmers' field	360	Apr-mar	200								
Workshop/ Seminar	1		1								
Soil Testing	150		20	30	20	50	70	30	150	100	50
Water Testing	95	April- Marc	20	15	5	20	60	15	95	75	20
Plant Testing	80		20	20	10	30	40	20	50	50	30
Manure Testing											
Any other (Pl. Specify)											

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

**KVK:** Thoubal

Activity/ Month	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
<b>OFT (Nos.)</b>													
i. Number of Technologies	7	6	5		1	2	1	2			1		25
i. Number of Trials	50	52	55		5	14	8	18			8		
ii. Area (ha)/ items (no.)	6	3/100	4.95/150		.5	1	1.2	0.375			2.4		19.425/250
<b>FLD (Nos.)</b>													
i. Number	24	130	15	10		13	10		12		5		219
ii. Area(ha)/ items (no.)	3.5	3.5/320	0.375	0.5		7.25	0.5		2		1.565		19.19/320
<b>Training programme</b>													
<b>A. Farmer</b>													
i. No. of course	7	5	5	9	5	8	6	1	2	3	4	2	57
ii. No. Of participants	140	100	100	180	100	160	120	20	40	60	80	40	1140
<b>B. Rural Youth</b>													
i. No. of course		1	1	4	5	1	3	1	1	2		2	21
ii. No. Of participants		20	20	80	100	20	60	20	20	40		40	420
<b>C. Ext. Personnel</b>													
i. No. of course							1	1		1			3
ii. No. Of participants							20	20		20			60
<b>Extension Activities/ programmes</b>													
i. No. of activities													4008
ii. No. of beneficiaries													3285

<b>Seeds production (tonnes)</b>													
<b>Planting materials (Nos. in lakh)</b>			1,20,000		1,00,000	1,00,000				1,00,000			4,20,000
<b>Livestock strains</b>								500	500		500		1500
<b>Fingerlings (No. in lakh)</b>	1,00,000	1,00,000	2,00,000	2,00,000	1,00,000							1,00,000	8,00,000
<b>Bio-agents/ products (tonnes)</b>													
<b>Bio-fertilizers/ Vermicompost etc. (in Tonnes)</b>													
<b>Soil , Water, Plant, Manures Testing (No. of samples to be tested)</b>	Soil-Water-5 Plant-Manures-	5	5	5	5	5	10	15	15	15	5	5	95
<b>Soil , Water, Plant, Manures Testing (No. of farmers benefitted)</b>	Soil-Water-12 Plant-Manures-	14	12	12	10	5	12	20	20	10	10	5	Soil-Water-Plant-Manures-
<b>Soil , Water, Plant, Manures Testing (No. of villages covered)</b>	Soil-Water-Plant-Manures-												Soil-Water-Plant-Manures-
<b>Mobile Agro-Advisory (No. of Messages)</b>	70	70	100	100	100	70	70	80	80	80	70	70	960
<b>Mobile Agro-Advisory (No. of Farmers)</b>	180	200	250	270	200	150	130	90	100	130	120	119	1939

Signature  
Programme Coordinator