# ANNUAL ACTION PLAN 2016-17







### Indian Council of Agricultural Research Agricultural Technology Research Institute, Zone-III, Umiam, Meghalaya Format for Annual Action Plan Formulation of KVKs, Zone-III for 2016-17

Name of the KVK/District: JORHAT State: ASSAM Host Organization: ASSAM AGRICULTURAL UNIVERSITY, JORHAT

### **Present Staff Position in KVK, Jorhat:**

Sl.	Name	Gender	Category	Designation	Discipline	Mobile No.
No.		(M/F)	(General/OBC/SC/ST)			
1.	Dr. Rupam Borgohain	M	OBC	Programme Coordinator	Plant Breeding and Genetics	9435352939
2.	Ms. Mousumi Phukon	F	OBC	SMS (Plant protection)	Entomology	9707260210
3.	Mr. Sanjib Ranjan Borah	M	OBC	SMS (Soil Science)	Soil Science	9435038547
4.	Ms. Ira Sarma	F	GEN	SMS (Horticulture)	Horticulture	9435742192
5.	Ms. Binapani Deka	F	OBC	SMS (Home science)	Home Science	9435090073
6.	Mr. Sameeron Bhattacharjya	M	GEN	SMS (Agronomy)	Agronomy	8724910989
7.	Dr(Ms). Ilakshy Deka	F	GEN	SMS (Animal Science)	Vety. Physiology	9864040681
8.	Mr. Biraj Bikash Sharma	M	GEN	Programme Asstt	Fishery Science	8749898055
9.	Mr. Ramen Kalita	M	GEN	Farm Manager	Agriculture	9954014573
10.	Mr. Rupjyoti Chutia	M	GEN	Programme Asstt (computer)	Computer	9859991463
11.	Mr. Dibyajyoti Bharali	M	OBC	Office Supdt cum Acctt	-	9706400308
12.	Mr. Biman Jyoti Phukan	M	OBC	Stenographer cum Computer Operator	-	9613425717
13.	Mr. Putul Borah	M	Gen	Grade- IV	-	
14.	Mr. Krishna Sarma	M	Gen	Grade- IV	-	9435630998
15.	Mr. Pankaj Borah	M	OBC	Driver cum Mechanic	-	9954552560

## Please furnish discipline-wise information in the given format pertaining to the mandated activities of your KVK targeted to be accomplished during 2016-17:

**Discipline:** Agronomy

Name of the concerned Subject Matter Specialist: Mr. Sameeron Bhattacharjya Mobile No: 8724910989 E-mail address: sameeron\_gsr@yahoo.com

Mandate	Thematic	Name of Technology Assessed/ Refined (in	Source and	Assess/	Area	Locatio	Period		Nun	nber of	benefi	ciari	es/ trials	
d	Area	Specific)	Year of	Refine	(in	n	and		SC/S			Gene		Grand
activities			release		ha.)		Duration	M	F	Total	M	F	Total	Total
	Varietal	1. Performance assessment of lentil vars.	RARS,	Α	0.68	05	Rabi'16	02	-	02	03	-	03	05
	evaluation	HUL 57, Moitree, KLS 218 &PL 406 under	Shillongani,				90 days							
		rice utera condition.	AAU											
		Technology:												
		Var: HUL -57, Moitree, KLS-218, PL-406												
		under rice utera condition.												
		Check: Local lentil variety												
		<b>Observations to be recorded:</b> Plant height,												
50		plant stand, pod/plant, yield/ha, rainfall and												
l ši		temperature, B:C ratio												
On farm testing		2.Performance assessment of few new crops in	Established	A	0.68	05	Rabi'16	02	-	02	03	-	03	05
n f		the district suitable for crop diversification	varieties				90 -120							
ari		and environmental stress mitigation (crop:	from				days							
l u		linseed, finger millets, niger, buckwheat)	different											
0		Technology:	organisation											
		Variety: established varieties from different												
		organisation. Check: Local varieties												
		Observations to be recorded:												
		Date of sowing & harvest, plant height, crop												
		stand, yield, disease & pest, infestation,												
		farmers acceptance, economic study												
	Seed Production	<u> </u>								-				
	Seed Floudell	JII												

	Integrated Weed Management	4. Integrated weed management in <i>kharif</i> black gram and green gram  Technology:  Pre-emergence application of Pendimethalin @1kg/ha  Variety: USJD113/ KU 301, Pratap  Nutrients: 15: 35: 0 kg N: P <sub>2</sub> O <sub>5</sub> : K <sub>2</sub> O/ha  Seed rate: 22.5 kg/ha, Sowing: Mid Aug-mid Sept,  Duration: 80-90 days, Spacing: 30 X 10 cm	RARS, Shillongani, AAU	A	0.68	05	Kharif'16 90 days	02	-	02	03	-	03	05
		<b>Check:</b> Farmers Practice(Manual weeding) <b>Observations to be recorded:</b> Duration, plant height, weed population/m <sup>2</sup> , prominent weed species, pod/plant, seed/pod, seed yield/ha, rainfall and temperature, B:C ratio												
		rient Management												
		ter Management												
		ement/ Farm Machinery												
	Integrated Fari	ming System/ Integrated Crop Management												
Mandate	Thematic	Name of Technology demonstrated	Source and	Crop/	Area	Location	Period and		Nı	ımber of	f benefi	ciari	es/demon	).
d	Area	Traine of Teemiology demonstrated	Year of	croppin	(in		Duration		SC/S			Gene		Grand
activities			release	g system	ha.)			M	F	Total	M	F	Total	Total
Front Line Demonstration	Varietal evaluation	1.Demonstration of aromatic premium quality rice variety KDML 105 (Padumoni) suitable for semi deep water situation  Technology: aromatic premium quality rice variety KDML 105 (Padumoni)  Nutrients: 60: 20: 40 kg N: P <sub>2</sub> O <sub>5</sub> : K <sub>2</sub> O/ha  Seed rate: 40 kg/ha, Sowing time: May- June  Transplanting time-June – July,  Duration: 150-155 days	RARS, North Lakhimpur, AAU	Sali rice	02	02	Kharif'16 155 days	04	-	04	04	-	04	08

		2. Demonstration on rice-toria double cropping with medium duration HY Sali rice variety TTB 404 and HY toria variety TS 38 / TS 67  Technology: Rice: Var: Medium duration HYV TTB-404.  Duration 135d, suitable for double cropping.  Time of planting: 1 <sup>st</sup> week of June Seed Rate:45 kg/ha FertilizerDose:60:20:40KgN:P <sub>2</sub> O <sub>5</sub> :K <sub>2</sub> O/ha  Toria:Var- TS-38 / TS 67  Nutrients: 40: 35: 15 kg N: P <sub>2</sub> O <sub>5</sub> :K <sub>2</sub> O/ha Seed rate: 10 kg/ha, Sowing time: 1 <sup>st</sup> week of Nov, Duration: 90-95 days	AAU	Sali rice - Toria	03	03	Kharif'16 -Rabi'16 215 days	04	-	04	06		06	10
		<b>3. Demonstration of HY sugarcane varieties and farmers participatory variety selection HY Variety</b> : Doria, Kapilipar, Nambor, Kalang, Doiyang and farmers variety. Nutrients: 135: 70: 60 kg N: P <sub>2</sub> O <sub>5</sub> : K <sub>2</sub> O/ha Setts: 45000-52500 nos/ha Transplanting time-March-April Duration: 300-320 day	AAU	Sugar cane	0.5	02	Kharif'15 300 days	04	-	04	04	-	04	05
S	Seed Production													
	Integrated Weed	Management												
	NM													
	Integrated Water			1										
		nent/ Farm Machinery	AATT	Vhorif	02	02	Vhorif'16	04		04	04		04	00
F S I C	Integrated Farming System/ Integrated Crop Management	<b>4.Demonstration on Integrated crop management of maize Technology:</b> INM in maize  Nutrients: 60: 40: 40 kg N: P <sub>2</sub> O <sub>5</sub> : K <sub>2</sub> O/ha  Seed rate: 18-22.5 kg/ha  Sowing time: Feb-April, Duration: 110-120 days	AAU	Kharif Maize	02	02	Kharif'16 120 days	04	-	04	04	-	04	08
	Others													

Mandate	Target	Title of the training	No. of	Period	Duration	On/Off			Numbe	er of b				Remark
d	group	Programme and No. of Courses in bracket	trainin	of the	(in days)	campus		SC/S			Gene		Grand	S
activities			g progs	year			M	F	Total	M	F	Total	Total	
	Farmer and Farm	Quality seed production of rice and certification procedure (01)	01	June	01	Off	04	02	06	11	08	19	25	
ning	women	Scientific sugarcane production and post-harvest technology (01)	01	Dec	01	Off	04	02	06	18	01	25	25	
rai	Rural	Quality seed production of pulse crop (01)	01	Aug	01	Off	-	-	-	17	08	25	25	1
s ti	Youth	IFS for livelihood security(01)	01	Jan	01	Off	-	03	03	18	04	25	25	1
Off campus training programmes	Extension Personnel	Quality seed production of major cereal crops with special emphasis on seed certification procedure (01)	01	May	03	On	02	-	02	23	-	23	25	
On and Of		Quality seed production of major oilseeds and pulses with special emphasis on seed certification procedure (01)	01	Sep	03	On	02	-	02	23	-	23	25	
Ō	Civil Society	<i>Y</i>												1
	NGO (includ	ling school drop outs)												
	Others (Pl. s	pecify)												
Vocational training programmes	Farmer and Rural Youth		01	June	10	On	01	01	02	08	05	13	25	
tra		IFS for livelihood security	01	Oct	10	On	01	01	02	08	05	13	25	
ational train programmes	Extension Po	ersonnel												
tio	Civil Society	/												
oca p		ing school drop outs)												
>	Others (Pl. s													1

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Sponsoring

ı. n ..

						agency
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: Ms Ira Sarma Mobile No: 9435742192 E-mailaddress:irasarma@gmail.com

Mandated	Thematic	Name of Technology	Source and	Assess/	Area (in	Locati	Period			of ben	efici	iarie	s/ tria	als
activities	Area		Year of	Refine	ha.)	on	and		SC/S			ene		Grand
			release				Duration	M	F	Tot	M	F	To	Total
										al			tal	
	Varietal	1. Performance of strawberry	ICAR	A	0.13	5	2016-17	3	1	4	1	-	1	5
	evaluation	<b>Technology</b> : Var. Sweet Charlie/Selva												
		Observations to be Recorded												
		Plant height (cm),days to flower ,no. of												
		fruits/plant,fruit shape, fruit colour at												
		ripening, days to runner formation, disease												
		pest incidence (%), yield (t/ ha), B: C												
		Check : Between varieties												
	Integrated Nu	atrient Management												
50	Integrated W	eed Management												
esting	Orchard Reju	venation												
ļ te	Post Harvest	Processing/ Value Addition			_									
l E	Canopy mgi	mt.												
l fa	Landscaping						·							
On	Mechanizatio	on												

	Any other (Pl. Specify) Organic cultivation	2. Assessment of organic banana cultivation Technology 10 kg FYM + 1.25 kg Neem cake + 5 kg vermicompost + 1.75 kg wood ash per pit. Observations to be Recorded No. of fingers/hand,fruit length (cm), no. of hands/bunch, wt. of bunch/plant (kg), disease & pest infestation (%),Yield (t/ha), B:C Check: Normal cultivation practice	AICRP tropica fruits, AAU Jorhat 20	ıl	0.65	5	2016-17	3	-	3	2		2	5
Mandated	Thematic	Name of technology	Source	Crop/	Area	Locati	Period and	N	umb	er of be	nofici	orio	s/ dome	) n
activities	Area	Name of technology	and Year	cropping	(in ha.)	on	Duration		SC/S'			Gene		Gra
			of release	system				M	F	Tota	M		Tota	nd
										l			l	Tot al
	Varietal evaluation	1.Demonstration on water melon production technology var. Sugar baby	AAU, Jorhat,20	Water melon	0.39	3	Rabi 2016- 17	2	-	2	1	-	1	3
		2. Demonstration on cultivation technology of Thailand Ber	Rameswa r farm	Thailand Ber	0.195	3	2016-17	1	1	2	1	-	1	1
	INM													
	IWM													
<b>Front Line</b>	Orchard Rejuv													
Demonstrat	Post Harvest	Processing/ Value Addition												
ion	Canopy		AAU,	Assam lemon	0.10ha	2	2016-2017	1	-	1	1	-	1	2
	mgmt.	production technology in Assam lemon	2011											
	Landscaping													
	Mechanizati													
	Any other (l	Pl. Specify)												

Mandated	Target	Title of the training	No. of		Dura	On/Off			Number	of ben		Remar		
activities	group	Programme and No. of Courses in	training		tion	campu		C/ST			Genera		Grand	ks
		bracket	progs	Period of the year	(in days)	S	M	F	Tota l	M	F	Tota l	Total	
50	Farmer and Farm	Scientific cultivation of banana (1)	1	May-June	1	off	4	2	6	10	9	19	25	
On and Off campus training programmes	women	Advanced production technology of high value winter vegetables and their management (1)	1	Sept-Oct	3	off	10	2	12	9	4	13	25	
g pro		Production technology of some important leafy vegetables	1	Oct-Nov	1	on	5	4	9	10	6	16	25	
inin		Scientific cultivation of water melon	1	Oct	2	off	15	-	15	7	3	10	25	
mpus tra	Rural Youth	Commercial production and post harvest management of important spice crops	1	Feb-March	3	off	7	3	10	8	7	15	25	
Off ca	Extension Personnel	Advanced technology on off season cultivation of vegetables (1)	1	Feb-March	2	on	8	2	10	12	3	15	25	
ld (	Civil Society	7												
an	NGO(includi	ng school drop-outs)												
On	Others (Pl. spo	ecify)												
	Farmer and I	Farm women									Π			
Vocational training programmes	Rural Youth	Propagation techniques of high value fruit crops(1)	1	Sep-Oct	10	On	8	2	10	7	3	10	20	
inii am	Extension Pe	1 ( /												-
ocationa training ogramm	Civil Society													1
V V	NGO(includ	ing school drop-outs)												
	Others (Pl. s													1

<b>S</b> u														Sponsor ing agency
ed trainii :ammes	Farmer and Farm women	Commercial cultivation of important flower crops	1	2016-17	3	on	5	4	9	10	6	16	25	SIRD
ogr	Rural Yout	h												
ons	Extension I	Personnel												
Spo	Civil Socie	ty												
	NGO(inclu	ding school drop-outs)												
	Others (Pl.	specify)												

# **Discipline:** Horticulture

Name of the concerned Subject Matter Specialist: Ms. Sanchayeeta Gohain Mobile No: 9435562112 E-mail address: sanchayeeta@aau.ac.in

Mandated	Thematic Area	Name of Technology	Source	Assess/Refi	Area	Location	Period	Nı	umbe	r of bei	reficia	ries	/ trials	
activities			and Year of release	ne	(in ha.)		and Duration		SC/S	Γ	G	ene	ral	Gra
			orrecase				Duration	M	F	Tot al	M	F	Tot al	nd Tot al
	Varietal evaluat	ion												
	Integrated Nutri	ent Management												
	Integrated Weed	d Management												
ත්	Orchard Rejuve	nation												
testing	Post Harvest Pro	ocessing/ Value Addition												
	Canopy mgmt.													
farm	Landscaping													
[a]	Mechanization													
On	Organic	1.Organic Cultivation of turmeric var.	DBT,	A	0.65	5	2016-17	2	-	2	3	-	3	5
	cultivation	Megha turmeric-1	ICAR											
		Technology												
		<i>i</i> )Land preparation: Application of Neem cake (25 gm/pit)												

	ii)Nutrient management: Application of FYM or cow dung 5 ton per ha, Neem cake 2 ton per ha and suitable microbial culture of Azospirillum iii)Plant Protection: Bordeaux mixture 1% for Leaf spot and leaf blotch Observations to be recorded No of Rhizomes per plant,length of Rhizomes (cm),girth of Rhizomes (cm),average wt of Rhizomes/plant (kg),yield (t/ha),rhizome flesh color, disease reaction,  Farmers practice: cultivation with compost/ cow dung											
	2.Organic Cultivation of Ginger var. Nadia Technology i)Land preparation: Neemcake application (25gm/pit) (ii)Nutrient management: FYM @ 10-12t/ha and vermicompost@5t/ha and mulching with green leaves @12-15t/ha, Application of Neem cake (2 t/ha), suitable microbial culture of Azospirillum and PSB (iii)Plant protection: Seed rhizome mixed with FYM/compost, inoculated with Trichoderma harzianum @5-10g/kg, spraying Neem gold 0.5% or Dipel 0.3% against shoot borer Observations: No of Rhizomes per plant, length of rhizomes (cm), girth of rhizomes (cm), average wt of rhizomes/plant	DBT, ICAR	0.65	A	5	2016-17	3	1	4	1	- 1	5
Any other (P	I. Specify)											

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Mandated	Thematic Area	Name of technology	Source	Crop/	Area (in ha.)	Location	Period and		Numl	er of be	eneficia	ries	/ demon	1.
activities			and Vacant	cropping			Duration		SC/S	Γ	0	ene	ral	Gran
			Year of release	system				M	F	Tot al	M	F	Tot al	d Total
	Varietal evaluat	ion												
nstration	Integrated Nutrient Management	1.Demonstration on stage wise split application of N & K in Borjahaji (Cavendish)	AAU, 2011	Banana	0.39	3	2016-17	1	1	2	1	-	1	1
nor	Integrated Weed	l Management												
Der	Orchard Rejuve	nation												
	Post Harvest Pro	ocessing/ Value Addition												
Line	Canopy mgmt.													
nt	Landscaping													
Frc	Mechanization													
	Any other (Pl. Specify)													

Mandated	Target group		No. of	P	Dura	On/O			Number					Remar
activities		Programme and No. of Courses in	trainin	eri	tion	ff		SC/S'			enera		Gran	ks
		bracket	g progs	od of the year	days)	camp us	M	F	Total	M	F	Tot al	d Total	
off S S B mes	Farmer and	Multi Storied cropping system	1	Feb-March	1	off	4	2	6	10	9	19	25	
nd (	Farm women	Post-harvest handing & management of important fruits and vegetables crops	1	Sept-Oct	3	off	10	2	12	9	4	13	25	
On al can trai progr		Scientific cultivation practices of major spice crops	1	June-July	3	off	4	2	6	10	9	19	25	

		Organic farming-importance and practices	1	Oct-Nov	2	on	5	4	9	10	6	16	25	
	Rural Youth	Commercial cultivation of fruits –banana, arecanut papaya and citrus	2	July-August	3	on	7	3	10	8	7	15	25	
	Extension Personnel	Production technology of Low volume high valued crops under low cost green house	1	Feb-March	2	off	8	2	10	12	3	15	25	
	Civil Society													1
		school drop-outs)												1
	Others (Pl. spec													
	Farmer and Far													
Vocational training programmes	Rural Youth	Nursery management techniques (vocational training) 8days	1	Sep-Oct	8	On	8	2	10	7	3	10	20	
atio iinii ran	Extension Person	onnel												
70c tra	Civil Society													
l v		school drop-outs)												
	Others (Pl. spec	cify)												
														Sponsor
gu														ing agency
Sponsored training programmes	Farmer and													
onsored traini programmes	Farm women													
ed	Rural Youth													
sor 20g	Extension													
no Id	Personnel													
$\mathbf{S}_{\mathbf{p}}$	Civil Society													
		school drop-outs)												
	Others (Pl. spec	eify)												

<u>Discipline</u>: Soil Science Name of the concerned Subject Matter Specialist: Mr Sanjib Ranjan Borah Mobile No: 919435038547 E-mail address:srborah@gmail.com

Mandated	Thematic	Name of Technology	Source	Asse	Area	Locati	Period		Numb	er of bene	ficiarie	s/ trials		_
activities	Area		and Year	ss/Re	(in	on	and		SC/ST	Γ		Genera	al	Grand
			of release	fine	ha.)		Duration	M	F	Total	M	F	Total	Total
	Soil health													
On farm testing	INM	1.Foliar Nutrition supplementation in Lentil(Variety: HUL 57/PL 406)  Nutrients: 15: 35:15 kg (N: P <sub>2</sub> O <sub>5</sub> : K <sub>2</sub> O) / ha  Technology:Two sprays of 2 % urea at branching (35 DAS) and pod initiation (75 DAS) stages Seed rate: 30 kg/ha Sowing time: Mid Oct-Mid November Duration: 115- 120 days; Spacing: 25 cm between rows Farming situation: Medium land Observation:Soil Moisture- initial and 30 days interval, plant height, plant stand, pod/plant, seed/pod and seed yield/ha, rainfall & temperature Control: Without foliar spray of urea	AICRP on MULLa RP, RARS, AAU, Shillong oni, Under pipeline	A	0.65	5	Rabi, 2016-17	2	-	2	3	-	3	5
		<b>2.INM in Lathyrus under Rice Utera condition</b> (Variety: Ratan/ Nirmal) <b>Technology:</b> Top dressing of 5: 13 kg N : P <sub>2</sub> O <sub>5</sub> /ha at sowing and 5: 13:15 kg N : P <sub>2</sub> O <sub>5</sub> : K <sub>2</sub> O/ha at rice harvest along with seed inoculation with Rhizobium & PSB @ 50 g/kg of seed and two sprays of 2 % urea at branching(45 DAS) and pod initiation (80 DAS) stages (Chemical fertilizer have to be incubated for 48 hours	on MULLa RP, RARS, AAU, Shillong oni, Under	A	0.65	5	Mid October to Mid Novemb er, 2016	3	-	3	2	-	2	5

with compost or cowdung or moist soil at 1: 10 ratio) Seed rate: 50 kg/ha Check: Farmers practice Observation: Pre & Post nutrient status of soil, soil moisture, nutrient uptake plant height, plant stand, pod/plant, seed/pod and seed yield/ha Control: local var. and no fertilization	pipeline											
Soil management												
Soil testing												
Soil amendment(Lime/ Others)												
Soil biology(BGA/ Azolla) Soil microbes (beneficial)												
Any other (pl. specify)												
3.Assessment Organic Bhut Jolokia cultivation package  Technology: 1. Enriched compost @ 10 t/ha 2. Compost @ 10 t/ha + biofertilizer (Azospirillum and PSB)  Plant protection measures :1. Planting of maize plants as border crop, 2. Use of yellow sticky card for aphids @ 20 traps/bigha,3.Application of neem based pesticides at 10 days interval, 3.Use of Bordeaux mixture for control of disease  Observations:Plant Height (cm), no. of fruit /plant, weight of fruit/plant (Kg),  Yield, B:C ratio, insect infestation / 5 sqm,incidence of pest and disease  Farmers Practice: Normal cultivation practice	AINP on Soil Biodiver sity – biofertili zer, Deptt. of Soil Sc., AAU, Jorhat, 2014	A	0.65	5	Mid October to Mid Novemb er, 2016	3	-	3	2	-	2	5

Mandate	Thematic	Name of Technology	Source	Crop/	Ar	Location	Period			nber of				
d	Area	demonstrated	and	Croppin	ea		and		SC/S			Gener		Grand
activities			Year of release	g system	(in ha.		Duration	M	F	Tota l	M	F	Tota l	Total
	Soil health													
	INM	1.Integrated Nutrient Management in Toria (variety TS-38)	RARS, AAU, Shillong oni, Nagaon, 2013	Toria	2.5	5	Rabi, 2016-17	1	1	2	2	1	3	5
Front Line Demonstration		2.Integrated Nutrient Management in Lentil	AICRP on MULLa RP, RARS, AAU, Shillong ani,, 2013	Lentil	2.5	5	Rabi,2016 -17	2	1	3	2	-	2	5
	Soil testing													
		nt(Lime/ Others)												
	Soil biology (F													
	Soil microbes	<u> </u>												
	Any other (Pl.	specify)												

Mandate	Target	Title of the training	No. of	Period	Durati	On/Off			Numb	er of be				Rem
d activities	group	Programme and No. of Courses in bracket	training progs	of the year	on (in days)	campu s	M	SC/S F	T Total	M	Gener	ral Total	Grand Total	arks
SS SS	Farmer and Farm women	Low cost Production technology of Vermicompost, enriched compost & Azolla (1)	1	July	3	Off	20	5	25	-	-	-	25	
On and Off campus training programmes		INM in Pulses (Green gram, Blackgram, Lentil, Lathyrus, Lentil & Pea) (1)	1	Aug	3	Off	18	7	25	-	-	-	25	
ng pro		INM in Rapeseed and Mustard (1)	1	Oct	1	Off	20	5	25	-	-	-	25	
raini	Rural Youth	Soil Fertility Management (1)	1	July	1	Off	15	5	20	5	-	5	25	
ampus 1		Bringing up of young tea including land preparation, drainage & IPM(1)	1	Oct	3	On	10	-	10	10	5	15	25	
nd Off c	Extension Personnel	Production technology of Azolla, Enriched Compost & Vermicompost (1)	1	June	1	On	15	5	20	5	-	5	25	
n a	Civil Society	1 /												
0	NGO(includi ng school drop outs)													
	Others (Pl. spe	cify)												
		* *												
tra ini ng pr	Farmer and Fa													
——————————————————————————————————————	Rural Youth	Production technology of	1	Nov	10	On	10	-	10	10	5	15	25	<u> </u>

		Bio-fertilizer including Vermicompost, Enriched Compost and Azolla.												
	Extension Pers	sonnel												
	Civil Society													
		g school drop outs)												
	Others (Pl. spe	ecify)												
ing .														Sponso ring agency
 air nes	Farmer and Fa	rm women												
Sponsored training programmes	Rural Youth	Bringing up of Young Tea (1)	1	June	1	On	10	-	10	15	-	15	25	
ISO]	Extension Pers	sonnel												
nod j	Civil Society													
<b>S</b>	NGO(including	g school drop outs)												
	Others (Pl. spe	ecify)												

# **<u>Discipline:</u>** Plant Protection (Entomology/ Plant Pathology/ Nematology)

Name of the concerned Subject Matter Specialist: Ms. Mousumi Phukon Mobile No: 9707260210 E-mail address: mousumiphukon@yahoo.in

Mandated activities	Thematic Area	Name of Technology	Source and	Asse ss/R	Area (in	Loc atio	Period and	Nu	mber	of be	nefici	aries/ t	rials	
			Year of	efine	ha.)	n	Durati	S	C/ST		(	General	i I	GT
			release		ĺ		on	M	F	Tot	M	F	To	1
										al			tal	
u u	Integrated	1.Management of red ant (Dorylus orientalis) in potato	AINP,	Α	0.65	5	Rabi'	2	1	2	3	-	3	5
On arn esti	Pest Mgmt	<b>Technology:</b> One soil drenching of furrows with	AAU				2016							
far far tes		chlorpyriphos 20 EC @ 3 ml/lit. of water before sowing of												

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Integrated Di	potato tubers Check: Without treatment Observations: Days to first infestation, % infestation, no. of healthy vs infested tuber count/ plant, no. of tubers per plant, wt. of healthy tubers per plant (kg), yield (t/ha), B: C sease Mgmt												
Biological control (Insect/pest / weeds etc)	2.Efficacy of different pheromones in controlling insect pest in horticultural crops Brinjal, Tomato, Cucumber, Assam lemon) Technology: Pheromone against brinjal fruit and shoot borer, fruit fly in cucumber ( Cue lure), fruit borer in tomato, citrus (methyl eugenon)(Installation of pheromone traps at 30 days after planting @ 10 traps/ha) Check: Without pheromone trap Observations to be recorded: No. of insects trapped /day, no. of infested fruits/plant, no.of fruits/shoots infested/5 sqm,, incidence of other insect pests/ 5 sqm, yield (t/ha), B: C	Green Agri Bio- tech, Assam	A	2.6	05	Round the year, 2016- 17	5	2	7	12	3	15	27
	uation (Efficacy)												
Beneficial in													
Other beneficial organisms	3.Performance of Milky mushroom var. Calocybe indica Treatment: Milky mushroom var. Calocybe indica Check: Oyster Mushroom  Observations: Days to open the poly bags, days to first picking, no of pinch /mushroom bed, wt. of mushroom in first picking, 2	TNAU, Coimbat ore	A	05 unit	5	2	5	7	12	10	15	25	37
Stone one:	picking and onwards (gm)/bed, no. of total picking per mushroom bed, yield per Mushroom bed (Kg),self life of mushroom, no of cultivation batches per year ,incidence of insect pest, B: C												
Store grain poor Others (Pl. sp			-				-	-					

Mandated	Thematic	Name of Technology demonstrated	Source and Year	Crop/Cr	Area	Locatio	Period and					iaries/		
activities	Area		of release	opping system	(in ha.)	n	Duration		C/S7		_	Genera		Gr
				system	na.)			M	F	To tal	M	F	To tal	an d To tal
	Integrated Pe													
	Integrated D	isease Mgmt									<u> </u>			
<b>0</b> 0	Biological co	ontrol (Insect/pest/ weeds etc)												
ati	Product eval	uation (Efficacy)												
ıstr	Beneficial	1.Demonstration on bee (Apis	AAU, Jorhat	Toria	05	05	Rabi'16	10	-	10	15	-	15	25
Front Line Demonstration	insects	mellifera) keeping in toria cultivation Tecnology: 05 nos Bee (Apis mellifera) colonies/ha					90 days							
'n	Other	2.Cultivation of mushroom var.	AAU		05	05	Rabi'16	5	1	15	2	12	14	29
Front L	beneficial organisms	Oyster Technology: Oyster (Sajorcaju & Ostrietus)			unit				0					
	Store grain p	,												
	Others (Pl. s	pecify)												

Mandate d activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of trainin g progs	Period of the year	Duration (in days)	On/Of f camp us	M	SC/ST	umber F Tot al		enefic Gener F		Gran d Total	Remar ks
_ n s :=	Farmer and	IPDM in paddy (01)	01	June	01	Off	04	02	06	11	08	19	25	
m pu s tra	Farm	Plant protection Technology of fruit	01	July	03	Off	05	01	06	15	04	19	25	

ıral outh	Low cost production technology of bio												
	pesticides and their application in agricultural crops (1)	02	Aug	03	On	08	04	12	28	10	38	50	
	Apiary- a venture for self-employment (1)	01	Nov	03	On	-	-	-	17	08	25	25	
tension ersonnel	Recent advances of plant protection measures in vegetable crops (1)	01	Aug	01	Off	05	02	07	13	05	18	25	
vil Society													
	ng school drop outs)												
thers (Pl. ecify)													
rmer and F	Farm women												
ıral outh	1.Mushroom cultivation for self employment (01)	01	Sept	07	On	04	02	06	18	01	25	25	
	2. Production technology of biopesticides	01	Nov	07	On	04	02	06	18	01	25	25	
ersonnel													
vil													
ciety													
-	ing school drop-outs)												
	rsonnel vil Society GO(includi hers (Pl. ecify)  rmer and F tral outh  tension rsonnel vil	Recent advances of plant protection measures in vegetable crops (1)  vil Society GO(including school drop outs) hers (Pl. ecify)  rmer and Farm women tral tral tral tral tral tral tral tral	Recent advances of plant protection measures in vegetable crops (1)  vil Society GO(including school drop outs) hers (Pl. ecify)  rmer and Farm women  tral 1.Mushroom cultivation for self employment (01) 2. Production technology of biopesticides  tension rsonnel  vil	rension Recent advances of plant protection measures in vegetable crops (1)  vil Society GO(including school drop outs) hers (Pl. ecify)  rmer and Farm women  ral 1.Mushroom cultivation for self employment (01) 2. Production technology of biopesticides  tension rsonnel  vil	tension Recent advances of plant protection measures in vegetable crops (1)  vil Society  GO(including school drop outs)  hers (Pl. ecify)  Timer and Farm women  aral 1.Mushroom cultivation for self employment (01)  2. Production technology of biopesticides  tension rsonnel  vil   Timer and Farm women  1.Mushroom cultivation for self employment (01)  2. Production technology of biopesticides  Timer and Farm women  1. Mushroom cultivation for self employment (01)  2. Production technology of biopesticides	tension Recent advances of plant protection measures in vegetable crops (1)  vil Society GO(including school drop outs)  hers (Pl. ecify)  Timer and Farm women area I.Mushroom cultivation for self employment (01)  2. Production technology of biopesticides  tension resonnel vil	tension Recent advances of plant protection measures in vegetable crops (1)  vil Society GO(including school drop outs) hers (Pl. ecify)  Timer and Farm women ral and including school drop outs outs outs outs outs outs outs outs	tension Recent advances of plant protection measures in vegetable crops (1)  vil Society GO(including school drop outs) hers (Pl. ecify)  The right of the protection measures in vegetable crops (1)  The right of the protection measures in vegetable crops (1)  The right of the protection measures in vegetable crops (1)  The right of the protection measures in vegetable crops (1)  The right of the protection of the protectio	tension resonnel measures in vegetable crops (1)  vil Society GO(including school drop outs) hers (Pl. ecify)  rmer and Farm women  ral mal outh employment (01) 2. Production technology of biopesticides  tension resonnel vil	tension resonnel measures in vegetable crops (1)  vil Society GO(including school drop outs) hers (Pl. ecify)  Therefore and Farm women area of the measures in vegetable crops (1)  vil Society GO(including school drop outs) hers (Pl. ecify)  Therefore and Farm women area of the measures in vegetable crops (1)  vil Society GO(including school drop outs)  Therefore are and Farm women area of the measures in vegetable crops (1)  Vil Society GO(including school drop outs)  Therefore are and Farm women area of the measures in vegetable crops (1)  Vil Society GO(including school drop outs)  Therefore are and Farm women area of the measures in vegetable crops (1)  Vil Society  On 04 02 06 18  Vil Society  Vil Society  On 04 02 06 18  Vil Society  On 04 02 06 18  Vil Society  On 04 02 06 18  Vil Society  Vil Society  On 04 02 06 18  Vil Society  Vil Society  On 04 02 06 18  Vil Society  Vil Societ	tension Recent advances of plant protection resonnel measures in vegetable crops (1)  vil Society GO(including school drop outs) hers (Pl. ecify)  The right of the protection measures in vegetable crops (1)  remer and Farm women  real 1.Mushroom cultivation for self employment (01)  2. Production technology of biopesticides  tension resonnel  vil   The right of the protection of the plant protection of the protection of th	Recent advances of plant protection measures in vegetable crops (1)   O1   Aug   O1   Off   O5   O2   O7   13   O5   18	Recent advances of plant protection   O1   Aug   O1   Off   O5   O2   O7   13   O5   18   25

rm women												
Mushroom cultivation for self	01	Sept	08	Off	04	02	06	1	01	25	25	SIRD
employment (01)								8				,
												Jorhat
g school drop-outs)												
cify)												
	Mushroom cultivation for self employment (01)	Mushroom cultivation for self employment (01)	Mushroom cultivation for self employment (01)  g school drop-outs)	Mushroom cultivation for self employment (01)  Sept 08  g school drop-outs)	Mushroom cultivation for self employment (01)  Sept 08 Off employment (01)	Mushroom cultivation for self employment (01)  Off 04  g school drop-outs)	Mushroom cultivation for self employment (01)  Off 04 02  g school drop-outs)	Mushroom cultivation for self employment (01)  Sept 08 Off 04 02 06 employment (01)  g school drop-outs)	Mushroom cultivation for self employment (01)  Sept 08 Off 04 02 06 1 8	Mushroom cultivation for self employment (01)  Sept 08 Off 04 02 06 1 01 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Mushroom cultivation for self employment (01)  Sept 08 Off 04 02 06 1 01 25 8 8 01 25 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Mushroom cultivation for self employment (01)  Off 04 02 06 1 01 25 25 employment (01)  g school drop-outs)

# **Discipline:** Animal Science

Name of the concerned Subject Matter Specialist: Dr. Ilakshy Deka MobileNo: 9864040681 E-mail address: drilakshy\_pd@yahoo.com

Mandated	Thematic Area	Name of Technology	Source and	Asse	Area	Locat	Period	N	umbe	er of be	nefic	ciarie	s/ trials	,
activities			Year of	ss/	(in	ion	and		SC/S	T		Gene	ral	Gran
			release	Refi	ha.)		Duration	M	F	Tot	M	F	Tot	d
				ne						al			al	Total
	Breed	1. Productive performance of Turkey for lean	CARI,	A	3	3	Round the	1	-	-	3	1	3	3
	improvement	meat production in Jorhat district.	ICAR		units		year							1
		Technology:												1
		Turkey breed- Beltsville and Spanish black												1
		Observations: Body weight at distribution,												1
		mortality (%), weight at onset of laying, age at												
		onset of laying,no. of egg laid, amount of feed												
		consumed,FCR,hatchability of the egg												
		Check: Between two breeds												
	Feeding mgt													
On	Healthcare	2.Efficacy of <i>Iron dextran</i> in preventing piglet	Ranbaxy	A	6	6	Round the	6	-	-	-	-	-	6
farm		anaemia			units		year							
testing		Technology:Iron Dextran, intramuscular												

		injectionadministered at 4 <sup>th</sup> and 14 <sup>th</sup> of													
		<b>Observations:</b> Birth weight, weight	at 4 <sup>th</sup> day,												
		weight at 14 day, wt. at weaning, ag	e at weaning.												
		feed Consumption, FCR	,												
		Control : Without Iron Dextran													
	Housing														
	Processing/ Valu														
	Fodder	3.Productive performance of fodder		AAU,	A	3	3	April-	-	-	-	3	-	-	3
	production and	signal and hybrid napier) for dairy of		Jorhat		units		May							
	quality enhancement	<b>Technology:</b> Congo signal and hybrid <b>Observations to be recorded:</b> Duratio													
	Cilitancement	cutting, Yield at first cutting, no. of cutt													
		total yield per year, milk yield before a													
		feeding,B:C													
	Pasture mgt.														
	Others (Pl. speci	fy)													
Mandated	Thematic Area	Name of Tasky along damon strated	Compagne	Livestock	A	(: T	4:.	Period and		T	ber of b		Maia -	/ .l	
activities	Thematic Area	Name of Technology demonstrated	Source and Year of	enterprise	Area ( ha.)	`	ocatio n	Duration		sum SC/S			Gene		Gran
activities			release	cite prise	114.)			Duration	M	F	Tot	M		Tot	d
									171	I.	al	141	<b>T</b>	al	Total
	Breed	1.Demonstration on productive	CPDI,	Duckery	6uni	it	6	Round the	1	1	2	2	2	4	6
tior	introduction	performance of Vigova Super M	Bhubanesw					year							
ırat		broiler duck.	ar												
onst		<b>Technology:</b> Vigova Super M													
Front Line Demonstration	Breed improve.														
e D	Feeding	2.Demonstration of mineral	C.V. Sc,	Piggery	3 uni	ts	3	Round the	2	1	3	-	-	-	3
ļ .iį	management	mixture supplementation in growth	AAU					year							
nt I		of weanling piglets.													
		Technology: AAUVETMIN													
<del> </del>	Healthcare														

Healthcare

Housing													
Processing/ Valu	e addition												
Fodder	3. Demonstration of urea treated	NDRI	Dairy	3 units	3	Round the	-	-	-	3	1	3	3
production and	straw feeding in dairy cows.					year							
quality	Technology: Urea Treated Straw												
enhancement													
Pasture mgt													
Others (Pl. specif	fy)												

Mandated	Target group	Title of the training	No. of	Period	<b>Duration</b> (in	On/Off			Number	of be	neficia	ries		Remar
activities		Programme and No. of Courses in	training	of the	days	campus		SC/ST	Γ		Gener	al	Gran	ks
		bracket	progs	year			M	F	Total	M	F	Total	d T-4-1	
			0.1	4 11	0.1	0	0.5	0.5	10	1.0	0.5	1.7	Total	
	Farmer and	Commercial quail farming.	01	April	01	0n	05	05	10	10	05	15	25	
nmes	Farm women	Scientific farming of hybrid dual purpose backyard farming	01	April	01	Off	-	05	05	05	15	20	25	
rar		Scientific management of pig.	01	May	03	Off	15	10	25	-	-	-	25	
		Commercial poultry farming.	01	June	05	Off	5	5	10	10	5	15	25	
training programmes		Importance of fodder cultivation for dairy cattle.	01	May	03	off	5	-	5	15	5	20	25	
		Prospective of Assam Hill Goat and its scientific management.	01	July	02	off	-	-	-	10	15	25	25	
campus	Extension Personnel	Bio-security measures in a farm premises.	01	Sept	01	on	5	-	5	20	-	20	25	
JJO	Civil Society	Zoonotic Importance of swine flu and bird flu.	01	Oct	01	off	5	5	10	10	5	15	25	
On and	NGO(including school dropouts)	Care and management of livestock and poultry during flood.	01	Nov	03	off	5	5	10	10	5	15	25	
	Others(Specify													

<b>.</b>	Farmer and Farm women	Livestock based IFS for enhancing resource using efficacy and	01	Aug	10	on	5	5	10	10	5	15	25	
ning S	Turii women	livelihood security.												
Vocational training programmes	Rural Youth	Value additional of post harvest product (milk, egg, meat, fish, horticulture crops etc.)	01	Aug	7	on	5	5	10	10	5	15	25	
atic rog	Extn.Personnel													
000 p	Civil Society													
>	NGO(including	school drop-outs)												
	1100(meraamg	- T												
	Others (Pl. speci													
														Sponso
	Others (Pl. speci	ify)												ring
	Others (Pl. speci	ify)												
	Others (Pl. speci	ify)												ring
	Others (Pl. special Farmer and Farmer and Farmer Rural Youth Extn Personnel	ify)												ring
	Others (Pl. speci Farmer and Farn Rural Youth Extn Personnel Civil Society	m women												ring
	Others (Pl. speci Farmer and Farn Rural Youth Extn Personnel Civil Society	ify)												ring
ğ	Others (Pl. speci Farmer and Farn Rural Youth Extn Personnel Civil Society	m women												ring

**Discipline: Home Science** 

Name of the concerned Subject Matter Specialist: Mrs. Binapani Deka Mobile No: 9435090073 E-mail address: dbinapani@ymail.com

Mandated activities	Thematic Area	Name of Technology	Source and Year of	Assess/R efine	Area (in	Location	Perio d and	Nur	nber	of bei		aries/		
			release		ha.)		Durat		SC/S	T	G	eneral		Gr
							ion	M	F	Tot al	M		Cot al	an d Tot al
	Nutritional G	ardening												
On farm testing	Nutritional diet for children/ Pregnant women	1. Preparation of nutraceutical food beverage from Banana pseudo stem.  Ready- To- Serve (RTS) beverage from pseudostem i. Banana stem is high in fiber and can aid in the treatment of ulcers or an acidic stomach. ii. Banana stem is rich in potassium and vitamin B6. iii. Used in Ayurvedic practice for weight-loss. iv. It has cooling properties. v. Banana stem is diuretic and can help prevent kidney stones. vi. Banana pseudo stem juice has antioxidant properties, improves the functional efficiency of kidney and liver. vii. Helps in the dissolution of calcium oxalate. Banana pseudo stem juice can be mixed with other fruit juice.RTS formulation already commercialized  Observations: i. Shelf life of product, ii. Taste, appearance, Flavour, iii. Acceptability	Central Food Technologica I Research Institute (CFTRI), Mysore, India	A	-	3	Aug' 2016- 17	-	3	3	ı		-	3

	arvesting devices including purification											
Hygienic	c Sanitation											
Utilization of waste materials (Biodegraded Biodegraded d)	for processing perishable fruits and mushrooms.  Technology:  Low cost solar dryer designed by Rural Development Organization, Tirupati and	Ministry of New and Renewable Energy Assam Energy Development Agency (under Science and Technology Deptt. Govt. of Assam	A	-	3	Nov 2016- 17	1	1	-	2	2	3
Storage to	techniques (grains/ fruits/ fishes/ meat etc)											
Uses of v	women friendly tools (WFT)											
Techniqu	ues of child care/ old age											
Others (P	Pl. specify)											

Mandated	Thematic Area	Name of Technology	Source and	Crop/Cropping	Area (in	Locati	Period and			r of be				_
activities			Year of	system	ha.)	on	Duration		SC/S	T	G	ener	al	Gr
			release					M	$\mathbf{F}$	Tot	$\mathbf{M}$	F	Tot	an
										al			al	d
														Tot
														al
ine	Nutritional	1.Establishment of	College of	3	0.25	3	Oct	-	1	1	-	2	2	3
777 74	Gardening	Nutritional Gardens in	Home				2016-17							
nt L nons tion	g	schools for agricultural	Science,											
1 2 5		awareness building	Jorhat 2007											
E Q		amongchildren												

Nutritional diet for children/ Pregnant women	2.Demonstration on preparation technology of Ready to Serve (RTS) guava fruit juices. Preparation of shelf stable (about 3-4 months) RTS fruit juice beverages from Guava fruit.	Technology Transfer and Business Developmen t, CFTRI, Mysore, India	3	3 units	3	July, 2016-17	-	1	1	-	2	2	3
Energy saving tools/ devices	3. Demonstration of women friendly vegetable plucker. Improved vindi cutter used for plucking ladies finger and other vegetables. Suitable for women.	PAU, Ludhiana	3	3 units	3	Oct, 2016-17	-	1	1	-	2	2	3
Water harvesting of	devices including purification	on											
Hygienic Sanitatio													
Organic dye introd													
	te materials (Bio-degraded/	Bio-nondegrade	ed)										
Storage techniques (grains/ fruits/ fishes/ meat etc)													
XX	11 . 1 (XXXXXX)												
	endly tools (WFT)						1						
Techniques of chil													
Others (Pl. specify	<i>")</i>												

Mandated	Target	Title of the training	No. of	Period of	<b>Duration (in days)</b>	On/Off			Numbe	er of b	enefici	aries		Rema
activities	group	Programme and No. of Courses in	training	the year		campus		SC/ST			Gener		Grand	ks
		bracket	progs				M	F	Total	M	F	Total	Total	
	Farmer and Farm	Diversification of woven fabric for better marketability	1	Aug	2	Off	-	15	15	-	10	10	25	
ing	women	Establishment of Farm Creche	1	Sep	1	Off	-	15	15	-	10	10	25	
On and Off campus training programmes		Processing & preservation of fruits & vegetables	1	Oct	1	Off	-	15	15	-	10	10	25	
Off campus t programmes	Rural Youth	Preparation of decorative items.	1	Nov	3	On								
ca gra		Commercial food preservation	1	Jan	3	Off	-	10	10	-	15	15	25	
d Off pro		Development of Tying and Dyeing unit	1	Dec	3	Off	-	15	15	-	10	10	25	
an	Extension	Personnel	•											
0 <b>n</b>	Civil Soci	ety												
•	NGO(incl	uding school drop outs)												
	Others (Pl	. specify)												
				<u> </u>			T	10	10		10	10	20	
Vocational training programmes	Farmer and Farm women	Commercial weaving	1	Nov	10	On	-	10	10	-	10	10	20	
rio am	Rural You	th												1
Vocational training rogramme	Civil Soci													
V. t prc		uding schl drop-outs)												
	Extension						1	1	<del>                                     </del>	t	1			1

raining mes													Sponso ring agency
iiiii ies	Farmer and Farm women												
onsored train programmes	Rural Youth	Carpet making (1)	Dec	10	On	-	15	15	-	10	10	25	SIRD
ogi	Extension Personnel												
ons	Civil Society												
	NGO(including school dropouts)												
	Others (Pl. specify)												

## **Discipline:** Fishery

Name of the concerned Specialist: Mr. Biraj Bikash Sarmah (PA) Mobile No:8749898055 E-mail address: Birajbikash@gmail.com

Mandated	Themati	Name of Technology	Source	Asse	Area	Locati	Period	Nu	ımbe	r of ber	eficia	ries	/ trials	
activities	c Area		and	ss/R	(in	on	and		SC/S	T	G	ene	ral	Gra
			Year	efine	ha.)		Durati	M	F	Tot	M	F	Tot	nd
			of				on			al			al	Tot
			release											al
	Pond	1.Assessment of Regular use of lime in pond	CIFA,	Α	0.65	03	May'16	01	-	01	02	-	02	03
50	managem	management	Bhuban				270							
ting	ent	<b>Technology:</b> Pond management	eswar				days							
test		T <sub>1</sub> : Regular use of quick Lime in pond @20 kg/bigha												
E		T <sub>2</sub> (Check): Normal management practices without regular												
ar		use of lime												
l f		Observations to be recorded: Water quality, disease												
Ō		incidence, production / ha, B.C ratio												

Fish breedin	2.Assessment of polyculture of <i>Bhangan</i> with Indian Major Carps Technology: Pond stocking with Bhangan- (30%) Top feeder-30%, Middle feeder-20%, Bottom feeder- 20% T1: Stocking of Bhangan with IMC T2: Stocking without Bhangan Observations to be recorded: Survival percentage, production / ha, B.C ratio	CIFA, Bhuban eswar	A	0.65	03	May'16 270 days	02	-	02	01	-	01	03
Feeding managem ent	3.Production assessment of Indian Major Carps with <i>Azolla</i> supplementation in fish feed Technology: Supplementation of <i>Azolla</i> with Rice bran and Mustard oil cake (Az, 50%; RB, 25%, MOC, 25%) T1: Feeding (Az, 50%; RB, 25%, MOC, 25%) T2: Feeding (Rb,50%; MOC,50%) Observations to be recorded: Survival percentage, production / ha, B.C ratio	Divisio n of Animal Nutriti on, IVRI, Izatnag ar	A	0.65	03	May'16 270 days	01	-	01	02	-	02	03
Diseases ma	nagement												
Post harvest processin g/ Value addition IFS													
Modules Others (Pl.	specify)												

Mandated	Themati	Name of Technology		Source	Crop/Crop	Area	Locati	Perio	1	Num	oer of l	oenefi	ciari	es/ dei	mon.
activities	c Area			and	ping	(in	on	and		SC	/ST	(	Gene	ral	Gra
				Year of release	system	ha.)		Duration	on N	A F	Tot al	M	F	Tot al	nd Tota l
_	Pond managem ent	1.Demonstration on species combinand ratio in composite fish culture Technology: Stovking with IMC: 60 Exotic carps: 40%	e	FRC, AAU, Jorhat	Indian Major Carps and Exotic carps	0.80	6	May, 20 270 Day		-	3	3	-	6	6
Front Line Demonstration	Fish breeding	2.Use of balanced pelleted fish feed higher carp productivity Technology:IMC Feeding Management with pelleted formulati (@2.5 % of body wt of fish/ day)		CIFA, Bhubane swar	Indian Major Carps	0.65	3	May, 20 270 Day		2 -	02	01	-	01	03
ne	Diseases m	nanagt													
Ë	Post harves	st processing/ Value addition													
ont	IFS														
Ā	Integrate d Farming	3.Integrated Rice- Fish farming Technology: Integrated Rice Fish fa (Fish, 1080/bigha) (Sali rice var. Ra 67% area)	_	FRC, AAU, Jorhat	Indian Major Carps, Silver carp, common carp	0.80	6	June, 20 270 Day		-	3	3	-	3	6
Mandated	Target	Title of the training	No. of	Period	<b>Duration</b>		On/Off	N	ımber	of be	neficia	ries		R	Remar
activities	group		trainin	of the	days)		campu	SC/ST			Genera		Gra	an	ks
			g progs	year			S	M F	Tot al	M	F	Tot al	d Tot		

	I D	T 10' 1 C	1 1	3.4	1 2		20		20	I ~	1	~	25	
	Farmer	Integrated fish farming systems	1	May	3	On	20	-	20	5	-	5	25	
	and Farm	with different agriculture based												
	women	components (Rice, Pig, Poultry,												
		Duck etc.)												
es		Composite fish culture, species	1	July	2	Off	5	3	8	1	5	17	25	
Ē		combination and feeding								2				
am		managements using locally												
150		available fish feed ingredients.												
) <b>.</b>		Techniques of soil and water	1	Sep	2	Off	10	5	15	7	3	10	25	
50		quality managements for better		~~F	_									
j.		production of carps.												
aji		Rearing of air breathing fish	1	Aug	1	Off	15	5	20	5	_	5	25	
1,5		species and their feed	1	riug	1		13		20			3	23	
l md		managements for better												
		production.												
On and Off campus training programmes	Rural	Carp breeding, fry and	1	June	2	Off	15	5	20	5		5	25	
JJC	Youth	fingerlings rearing using multiple	1	June	2	OII	13	3	20	)	_	3	23	
O	1 Outil													
an		stocking and multiple harvesting												
)u		techniques for economic												
		upliftments of the rural youths.	-		2	0.00	10		1.5	_		1.0		
		Rearing of ornamental fish in	1	Aug	2	Off	10	5	15	7	3	10	25	
		different systems, common												
		techniques of their breeding and												
		their health managements.												
		l Farm women												
al al	Rural Yout	th												
	Extension													
ati ati	Personnel													
Vocational training programmes	Civil Socie	ety												
V	NGO(inclu	iding school drop-outs)												]
	Others (Pl.													
<u> </u>		· • · · · · · · · · · · · · · · · · · ·		1		1	1	1				1		

aining nes							Sponsor ing agency
d traii amme	Farmer and Farm women						
ed	Rural Youth						
onsore progra	Extension Personnel						
ons pr	Civil Society						
$\mathbf{Sp}$	NGO(including school drop-outs)						
	Others (Pl. specify)						

# Extension Activities of the KVK proposed for the year 2016-17

Specific activity	No. of	Period of	Duration			Nui	mber of benefi	ciaries (No.)			
	activities	the year	(in days)		SC/ST			General		Gran	d Total
				M	F	Total	M	F	Total	M	F
Diagnostic visit	80	2016-17	-	23	45	68	25	26	51	48	71
Advisory services/ telephone talk	325	2016-17	-	150	21	171	120	34	154	270	55
Training Manual	2	2016-17	-	-	-	-	-	-	-	-	-
Celebration of Important days	5	2016-17	5	150	85	235	50	20	70	200	105
Exhibition	7	2016-17	7	-	-	-	-	-	-	-	-
Exposure visit	5	2016-17	5	-	-	-	-	-	-	-	-
Extension literature (Leaflet/folders/ Pamphlets)	10	2016-17	-	-	-	-	-	-	-	-	-
Extension / technical bulletin	6	2016-17	-	-	-	-	-	-	-	-	-
News letter	1	2016-17	-	-	-	-	-	-	-	-	_
News paper coverage	10	2016-17	-	-	-	-	-	-	-	-	-
Research publications	5	2016-17	-	-	-	-	-	-	-	-	-

Success stories/ Case studies	3	2016-17	-	-	-	-	-	-	-	-	-
Farm Science Clubs' Convenors meet	-	-	-	-	-	-	-	-	-		
Farmers' Seminar	-	-	-	-	-	-	-	-	-		
Farmers' visit to KVKs	1500	2016-17	-	-	-	-	-	-	-	-	-
Ex-trainees' meet	2		-	-	-	-	-	-	-	-	-
Field day	30	2016-17	-	-	-	-	-	-	-	-	-
Film show	1		-	-	-	-	-	-	-	-	-
Radio Talk	15	2016-17	-	-	-	-	-	-	-	-	-
TV talk	1	2016-17	-	-	-	-	-	-	-	-	-
Kishan Goshthi	1		-	-	-	-	-	-	-	-	-
Group Meeting	6	2016-17	-	-	-	-	-	-	-	-	-
Kishan Mela	2	2016-17	-	-	-	-	-	-	-	-	-
Soil Health Camps	5	2016-17	-	-	-	-	-	-	-	-	-
Animal Health Camps	5	2016-17	-	-	-	-	-	-	-	-	-
Awareness camp	6	-	-	-	-	-	-	-	-	-	-
Mobile Agro-Advisory (Messages/ Beneficiaries)											
Method demonstration	50	2016-17	-	-	-	-	-	-	-	-	_
Scientists' visit to farmers' field	75	-	-	-	-	-	-	-	-	-	-
Workshop/ Seminar	2	-	-	-	-	-	-	-	-	-	-
Soil Testing	1000		-	-	-	-	-	-	-	-	-
Water Testing	-	-	-	-	-	-	-	-	-	-	-
Plant Testing	-	-	-	-	-	-	-	-	-	-	-
Manure Testing	-	-	-	-	-	-	-	-	-	-	-
Any other (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-

# $Activity\ Calendar\ of\ the\ KVK\ (Month-wise\ target\ to\ be\ completed)\ for\ the\ year\ 2016-17$

### **KVK:** Jorhat

Activity/ Month	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
OFT (Nos.)													
i. Number of Technologies	2	5	1	1	2	-	4	3	-	-	-	-	21
i. Number of Trials	11 units	25	5	5	10	-	20	15	-	-	-	-	91
ii. Area (ha)/ items (no.)	11 units	3.25	0.65	0.65	1.3	-	2.6	1.95	-	-	-	-	10.40
FLD (Nos.)													
i. Number	3	7	2	2	-	-	4	2	-	-	1	-	21
ii. Area(ha)/ items (no.)	7 units, 0.1	9	2.5	6	-	-	0.52	5.5	-	-	0.26	-	23.88
Training programme													
A. Farmer													
i. No. of course	2	2	3	3	4	3	2	2	2	3	2	2	30
ii. No. Of participants	50	50	75	75	100	75	50	50	50	75	50	50	750
B. Rural Youth													
i. No. of course	1	2	2	2	3	2	2	2	3	4	2	1	26
ii. No. Of participants	25	50	50	50	75	50	50	50	75	100	50	25	650
C. Ext. Personnel													
i. No. of course	-	-	1	1	1	1	-	1	1	1	-	-	7
ii. No. Of participants		-	25	25	25	25	-	25	25	25	-	-	175
Extension Activities/ programmes													
i. No. of activities	4	2	5	4	3	3	2	1	2	1	2	1	30

ii. No. of beneficiaries	550	205	525	400	375	390	200	150	200	126	175	190	3486
Seeds production (tonnes)	-	-	-	-	-	-	-	5	6.35	03	0.209	-	11.859
Planting materials (Nos. in lakh)	0.021	0.02	-	-	0.051	0.03	0.06	-	-	-	-	-	0.182
Livestock strains (No. in lakh)	-	-	-	-	-	0.0006	-	-	-	-	-	-	0.0006
Fingerlings (No. in lakh))													
Bio-agents/ products (tonnes)	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-fertilizers/ Vermicompost etc. (in Tonnes)	0.25	0.25	0.25	0.25	0.30.	0.25	0.25	0.30	0.25	0.25.	0.25	0.25.	3.1
Soil , Water, Plant, Manures Testing (No. of samples to be tested)	Soil- Water- Plant- Manures-	125	100	120	158	145	132	145	133	145	120	124	Soil-1447 Water- Plant- Manures-
Soil , Water, Plant, Manures Testing (No. of farmers benefitted)	Soil- Water- Plant- Manures-	125	100	120	158	145	132	145	133	145	120	124	Soil-1447 Water- Plant- Manures-
Soil , Water, Plant, Manures Testing (No. of villages covered)	Soil- Water- Plant- Manures-	-	-	-	-	-	-	-	-	-	-	-	Soil-15 Water- Plant- Manures-
Mobile Agro-Advisory (No. of Messages)	15	19	13	16	14	15	18	16	20	25	15	18	204
Mobile Agro-Advisory (No. of Farmers)	3000	3800	2600	3200	2800	3000	3600	3200	4000	5000	3000	3600	40800

Programme Coordinator Krishi Vigyan Kendra, Jorhat