# ANNUAL ACTION PLAN 2019-20

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Krishi Vigyan Kendra, Jorhat Assam Agricultural University Teok-785112



#### **Indian Council of Agricultural Research**

#### Agricultural Technology Research Institute, Zone-VI

#### CIFRI Campus, 4th Floor, Housefed Complex, Beltola, Assam-781006

Format for Annual Action Plan Formulation of KVKs, Zone-VI for 2019-20

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

#### **Present Staff Position in KVK**

Sl.	Name	Gender	Category	Designation	Discipline	Mobile No.
No.		(M/F)	(General/OBC/SC/ST)	_	_	
1.	Dr. Phuleswar Nath	M	OBC	Senior Scientist & Head	Plant Pathology	9954411012
2	Mr. Sanjib Ranjan Borah	M	OBC	SMS (Soil Science)	Soil Science	9435038547
3.	Mr. Sameeron Bhattacharjya	M	GEN	SMS (Agronomy)	Agronomy	8724910989
4.	Ms. Sharmistha Borgohain	F	OBC	SMS (Horticulture)	Horticulture	7002850509
5.	Mr. Bikram Bhattacharyya	M	GEN	SMS (Plant protection)	Entomology	9854811767
6.	Dr. Prabhat Baruah	M	OBC	SMS (Animal Science)	Vety. Surgery & Radiology	8812862393
7.	Mr. Rupjyoti Chutia	M	OBC	Programme Asstt. (Computer)	Computer	9859991463
8.	Mr. Ramen Kalita	M	GEN	Farm Manager	Agriculture	9954014573
9.	Mr. Biman Jyoti Phukan	M	OBC	Jr Steno. cum Computer Operator	-	9613425717
10.	Mr. Pankaj Borah	M	OBC	Driver cum Mechanic	1	9954552560
11.	Mr. Diganta Gogoi	M	OBC	Driver cum Mechanic	-	
12.	Mr. Babul Gogoi	M	OBC	Supporting Staff	-	9957968925
13	Mr. Prandeep Bonia	M	SC	Supporting Staff	-	8486205121

Please furnish discipline-wise information in the given format pertaining to the mandated activities of your KVK targeted to be accomplished during 2019-20

**Discipline:** Agronomy

Name of the concerned Subject Matter Specialist: Mr. Sameeron Bhattacharjya Mobile No: + 918724910989

E-mail address: sameeron\_gsr@yahoo.com

Mandate	Thematic Area	Name of	Source	Assess/	Area	Locat	Period and	Nun	nber (	of bene	ficiar	ies/ tı	rials	
d		Technology	and	Refine	(in	ion	Duration		SC/S	T	(	Gener	al	Gran
activities		Assessed/ Refined	Year of		ha.)			M	F	Tot	M	F	Tot	d
		(in Specific)	release							al			al	Total
	Varietal	Performance	Farmers	Assess	0.39	3	Kharif,	1	-	1	2	-	2	3
	evaluation	assessment of local			ha		2019							
		Kharif black gram												
		variety <i>Teli Maah</i>												
		and green gram												
		variety Saru Magu												
gu														
sti		Technology:												
ı te		Kharif black gram												
On farm testing		variety Teli Maah												
l f		and green garm												
Ö		variety Saru mogu												
		Check: Black gram												
		variety: PU-31												
		Green gram variety:												
		IPM 02-3												

Seed Production Integrated Weed Management													
Integrated Nutrient Management													
Integrated Water Management													
Tillage Management/ Farm Machinery													
Integrated Farming System/ Integrated Crop Management	Assessment of grass pea variety <i>Prateek</i> under rice utera (Relay cropping) with different seed rates  Technology:  Variety: Prateek Seed rate: 50 and 60kg/ha	RARS, Shillong oni	Assess	0.39 ha	3	Rabi, 2019	1	-	1	2	-	2	3

Mandated	Themati	Name of Technology	Source	Crop/	Area	Loc	Period	and			Numb	oer of	f bene	ficiari	ies/dem	on.
activities	c Area	demonstrated	and Year	cropping	(in	atio	Durat	ion		SC	/ST		G	Jenera	ıl	Grand
			of release	system	ha.)	n			M	F	Tota	al	M	F	Total	Total
onstration	evaluatio n	1. Demonstration on HY boro paddy variety 'Kanaklata / Joymoti' in flood affected areas of Jorhat & Majuli district	AAU	Paddy	2	10	Boro, 2	019	5	-	5		5	-	5	10
Front Line Demonstration	Integrate d Crop	2. Demonstration of mustard variety NRCHB101	Directorate of Rapeseed Mustard Research, Bharatpur, Rajasthan	Mustard	2	10	Rabi, 2	019	5	-	5		5	-	5	10
Mandated	Target grou	Title of the training	No. of	Period of	Duration	On/Off	f		Nı	ımhe	er of h	enefi	iciarie	S	T	Remarks
activities	Tanget grot	Programme and No.	training	the year	(in days)	campu		SC/		*******		Gene			Frand	1 Ciliai No
detivities		of Courses in bracket	progs	one year	(iii dujs)	cumpu	M	F		tal	M	F	Tota		Fotal	
s training es	Farmer and Farm women	1.Boro rice cultivation with special emphasis on SRI and water management	1	October, 2019	3	Off	10	-	1	0	15	-	15		25	
On and Off campus training programmes		2.Scientific Cultivation practices of major cereals, oilseeds and pulses for rural food security	1	September, 2019	2	Off	8	2	1	0	10	5	15		25	
On a	Rural Youth		1	January, 2020	3	On	8	2	1	0	10	5	15		25	

		venture for self employment of rural youth												
	Extension Personnel	4.Recent advances on organic agriculture special emphasis on field crops and certification procedure	1	2019-20	3	On	8	2	10	10	5	15	25	
Vocational training programm es	Farmer and Farm women													
Voca tra prog	Rural Youth	5.IFS for livelihood security	1	2019-20	7	On	8	2	10	10	5	15	25	

Mandated activities	Thematic Area	Name of Technology	Sour ce and	As ses s/	Are a (in	Locati on	Period and Durati	Nun	nber	of bene	eficiar	ries/ tı	rials	
			Year	Re	ha.)		on		SC/S	T		Gener	al	Gran
			of relea	fin e				M	F	Tot al	M	F	Tot al	d Total
			se											
	Soil health													
On farm testing	INM	Exploitation of potash solubilizing bacteria in reduction of Potassic fertilizer in paddy (variety-Ranjit) Technology: Treatment- 1: NPK@40:20:10 kg/ha+ Microbial consortia of KSB  Treatment- 2: RDF of NPK@40:20:20 kg/ha(Farmer Practice)  Method of application of consortia: The biofertilizers (KSB consortia) will be applied as seedling root dip	Deptt. of Soil Sc. AAU, Jorhat	As ses sm ent	0.39	3	Kharif, 2019	2	-	2	1	-	1	3

	Response of Rice to Zinc solubilizing bacteria for Zinc nutrition (variety-Ranjit)  Treatment- 1: NPK@40:20:20 kg/ha+ Microbial consortia of ZSB (3.5 kg/ha)  Treatment- 2: RDF of NPK@40:20:20 kg/ha + ZnSO4@25 kg/ha (Farmer Practice)  Method of application of consortia: The biofertilizers (ZSB consortia) will be applied	Deptt. of Soil Sc. AAU, Jorhat	As ses sm ent	0.39	3	Kharif, 2019	2	-	2	1	-	1	3
Soil management	as seedling root dip @3.5 kg/ha												
Soil testing													
Soil amendment (Lime/ Others)													
Soil biology (BGA/ Azolla)													
Soil microbes (beneficial)													
Any other (pl. specify)													

Mandated	Thematic	Name of Technology	Source	Crop/	Are	Locati	Period and		Numl	er of b	enefi	ciarie	s/ dem	on.
activities	Area	demonstrated	and	Cropp	a	on	Duration		SC/S			Gener		Gran
			Year of release	ing system	(in ha.)			M	F	Tot al	M	F	Tot al	d Total
	Soil health		release											
	Soil management/ Nutrient management/	1. Frontline Demonstration on Efficacy of zinc in rice productivity	RARS, Titabar AAU, 2013	Paddy	2.50	5	Kharif, 2019	2	-	2	3	-	3	5
stration	INM	2. Integrated Nutrient Management in Toria (variety TS-38)	AAU , 2013	Toria	2.50	5	Rabi, 2019	2	-	2	3	-	3	5
Front Line Demonstration		3. Biofertilizer supplementation on production performance of Kharif Blackgram	MULL aRP, RARS, Shillon gani, AAU, 2013	Kharif Blackg ram	2.50	5	Kharif, 2019	2	-	2	3	-	3	5
	Soil testing													
	Soil amendment (Lime/ Others)													
	Soil biology (BGA/													

	Azolla)														
	Soil microbes (beneficial)														
	Any other (Production of organic input)	4.Demonstration on low cost vermicompost production technique (Bamboo structure with plastic lining)	AAU, 2015	Vermic ompost ing	25 unit	25	Yea	r rour	nd 12	-	12	2 13	-	13	25
	Organic farming	5. Organic cultivation of Banana	AAU, Jorhat	Banana	0.33	5	Yea	r rour	nd 2	-	2	3	-	3	5
										•					
Mandated	Target group	Title of the training	No. of	Period	Dura	On/O			Numb	or of	hanaf	iciarie	C C		Remar
	Target group		140. 01	1 CHOU	Dura								3		Kemar
activities	Target group	Programme and No.	traini	of the	tion	ff		SC/S	T	(	Gener	al	Gra	and	ks
	Target group						M	SC/S F					Gra	and otal	
activities	Farmer and Farm women	Programme and No. of Courses in bracket  1. Basic concept of Organic farming and certification procedure	traini ng	of the	tion (in	ff camp			T	(	Genei	al	Gra To		
	Farmer and	Programme and No. of Courses in bracket  1. Basic concept of Organic farming and	traini ng progs	of the year	tion (in days)	ff camp us	M	F	Tota l	M	Genei F	ral Tota l	Gra To	otal	

		concept of Organic farming												
	Rural Youth	4. Low Cost Production technology of Vermicompost, compost, Enriched Compost and Azolla	1	August , 2019	2	Off	8	2	10	10	5	15	25	
	Extension Personnel	5. Basic concept of Organic farming and certification procedure in organic farming	1	Octobe r, 2019	2	On	9	3	12	8	5	13	25	
	Civil Society NGO(includin g school drop outs)	6. Soil fertility management in organic farming	1	Dec, 2019	2	Off	10	2	12	8	5	13	25	
	Farmer and Farm women													
Vocational training programmes	Rural Youth	7. Production technology of Biofertilizer	1	October, 2019	7	On	10	2	12	8	5	13	25	
ational train programmes	Extension Personnel													
Voca	Civil Society NGO(includin g school drop outs)													

## **Discipline:** Horticulture

Name of the concerned Subject Matter Specialist : Mrs. Sharmistha Borgohain Mobile No: 7002850509

E-mail address: sharmisthaborgohain87@gmail.com

Mandat ed activitie	Thematic Area	Name of Technology	Source and Year of release	Assess/ Refine	Are a (in ha.)	Loca tion	Period and Durati	Nu	mbe	r of b tria		iciari	es/	
S			2 0 2 0 0 0 0				on	S	C/S	Γ	(	Gener	al	Grand
								M	F	To tal	M	F	To tal	Total
	Varietal evaluation	Assessment of high yielding turmeric variety <i>Megha Turmeric - 1</i>	ICAR (NEH), 2009	Assess	0.19	3	Summ er	1	1	1	2	-	2	3
5.0		Assessment of Tomato Hybrid <i>Arka</i> <i>abhed</i> (H-397)	IIHR, Bangalore, 2018-19	Assess	0.19	3	Rabi	1	ı	1	1	1	2	3
On farm testing		Assessment of high foliage castor variety <i>NBR-1</i>	Central Silk Board, Lahdoigarh	Assess	0.19	3	Rabi	1	1	2	1	-	1	3
far	Integrated Nutrient													
n(	Management													
	Integrated Weed													
	Management													
	Orchard													
	Rejuvenation													
	Post Harvest													
	Processing/ Value													
	Addition													

ed activitie		technology	and Year of	cropp ng	pi ha	.)	ion	and Duration	M	C/S'	T To	M	Gener F	ral To	Grand Total
Mandat	Thematic Area	Name of	Source	Crop	o/ Area	(in l	Locat	Period				bene	ficiar	ies/ d	emon.
		Letuce and Broccoli	)												
		Chrysanthimum,													
		(Gerbera,													
		and depth for Rooftop garden	2017-1	18											
		less growing media	Jorhat			msq									
	Area expansion	Assessment of soil	AAU,		Assess	20	1	Rabi	-	-	0	1	-	1	1
		vertical garden structure	Banga 2018-1												
	Area expansion	Performance of Arka	,	1000	Assess	1 no.	1	Rabi	-	-	-	1	-	1	1
	Mechanization														
	Landscaping														

Manuat	Thematic Area	Name of	Source	Crop	Arca (III	Locat	1 Ci iou	170	יעוווגי	CI OI	ocne.	iiciai	ics/ u	cinon.
ed		technology	and	croppi	ha.)	ion	and	S	C/S	Γ	(	Jener	al	Grand
activitie			Year of	ng			Duration	M	F	To	M	F	To	Total
S			release	system						tal			tal	
	Varietal evaluation	Demonstration	IIHR,	Tomato	0.39	3	Rabi	1	-	1	2	-	2	3
uc		on Triple disease	Banglor											
ration		resistant Tomato	e, 2017-											
stra		var. Arka Samrat	18											
monst	Integrated Nutrient													
E .	Management													
ne Do	Integrated Weed													
t Line	Management													
ront	Orchard													
F	Rejuvenation													
			1		1	I	1		1	I	1		I	

	Post Harvest Processing/ Value Addition														
	Canopy mgmt.														
	Landscaping														
	Mechanization														
	Scientific Crop production	on Scientific cultivation of Banana var.  Malbhog	Deptt. of Hort, AAU, Jorhat	Banana var. <i>Malbho</i> g	0.39	3		nmer	1	-	1	2	-	2	3
		on scientific cultivation of	Deptt. of Hort, AAU, Jorhat	Broccol i	0.39	3	Rah	oi	1	-	1	2	-	2	3
Mandat ed	Target group	Title of the training	No. of traini	Period of the year	Durati on (in	On/ Off		Nu	mber	of be	nefic	iarie	S	R	Remarks
activitie s		Programme and No. of Courses in	ng	od of	days)	cam pus	S M	C/ST F	To	G M	ener:	al To	Grand Total	l	
		bracket	progs	the		1	141	1	tal	141	1	tal	Total		
Off campus training program	Farmer and Farm women	Commercial cultivation of summer vegetables	1	May, 2019	2	off	10	5	15	5	5	10	25		

		Organic cultivation of winter vegetables	1	Sept, 2019	2	off	10	5	15	5	5	10	25	
	Rural Youth	Commercial cultivation of fruits	1	Dec, 2019	3	off	10	5	15	5	5	10	25	
		Value addition of underutilized fruits and vegetables	1	July, 2019	4	off	0	15	15	10	0	10	25	
	Extension Personnel	Off season cultivation of vegetables	1	Feb, 2020	1	off	10	0	10	10	0	10	20	
	Farmer and Farm wor	nen												
ul es	Rural Youth													
ons ng nm	Extension													
ati ini rar	Personnel													
Vocational training programmes	Civil Society													
V	NGO(including school	ol												
	drop-outs)													
50														Sponsorin
ing														g agency
air nes	Farmer and Farm wor	nen												
I tr	Rural Youth													
rec	<b>Extension Personnel</b>													
Sponsored training programmes	Civil Society													
por p	NGO(including school	ol												
$\mathbf{S}$	drop-outs)													

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

Name of the concerned Subject Matter Specialist: Mr. Bikram Bhattacharya Mobile No: 7002387702

E-mail address: bikrambhattacharyya@gmail.com

Mandate d activities	Thematic Area	Name of Technology	Sour ce and	As ses s/	Are a (in	Locati on	Period and Durati	Nur	nber	of bene	eficiar	ries/ ti	rials	
			Year	Re	ha.)		on		SC/S	T		Gener	al	Gran
			of relea se	fin e	ŕ			M	F	Tot al	M	F	Tot al	d Total
On farm testing	Integrated Pest Mgmt	Management of whitefly in tomato  1. Technology: Spraying of Imidacloprid 200SL @0.3ml/lit one week after germination of seed  2. Dipping of seedlings in Imidacloprid 200 SL @ 0.3 ml/lit before transplanting  3. Spraying of Imidacloprid 200SL @ 0.4ml/lit 15 days after planting in the main field	IIHR, Bang alore	As ses s	0.39	3	Rabi	1	-	1	2	-	2	3
	Biological control	Management of Diamond Back Moth(DBM) and Aphids in Cabbage using Neem Seed powder pellets(NSPP)	ICAR -IIHR	As ses s	0.39	3	Rabi	1	-	1	2	-	2	3

	<ol> <li>Technology: Application of Neem seed powder pellet 30gm/lit</li> <li>Farmers Practice</li> </ol>												
Biological control	Management of thrips on Capsicum by Entomopathogen, Metarhizium anisopliae  1. Technology: Application of M.anisopliae @ 1 ml /lit of water 2. Farmers Practice	ICAR , IIHR	As ses s	0.39	3	Rabi	1	-	1	2	-	2	3
Product evaluation (Efficacy)													
Beneficial insects													
Other beneficial organisms													
Store grain pest	n												

Mandate	Thematic	Name of Technology	Source	Crop/	Are	Locati	Period and		Numb	er of b	enefi	ciarie	es/ dem	on.
d activities	Area	demonstrated	and Year	Cropp ing	a (in	on	Duration	M	SC/S F	T Tot	M	Gener F	al Tot	Gran d
			of release	system	ha.)			141		al	141		al	Total
	Integrated Pest Mgmt													
	Integrated Disease Mgmt													
Front Line Demonstration	Biological control (Insect/pest/ weeds etc)	Biological suppression of rice pests (BIPM package) Technology: Biological management of rice pests	AICRP on Biologi cal control , AAU, Jorhat, 2013	Rice	1	5	Kharif	2	-	2	3	-	3	5
Front ]	Product evaluation (Efficacy)	Demonstration on production technologies of year round cultivable paddy straw mushroom var.  Oyster- 444 Technology:	Mushr oom Biotec h and spawn centre, Shillig uri, WB, 2013	mushro om var. Oyster- 444	5 Unit	5	Round the year	8	12	20	16	14	30	50

Mandate d	specify)  Target group	keeping(Apis mellifera) in toria for higher productivity and additional income generation Technology: Bee- Apis mellifera  Title of the training Programme and No.	No. 1		Unit uratio n (in	On/O	SC/S	Numbe		eneficia Genera		Gran	Remarks
	Store grain pest Others (Pl. specify)	higher productivity and additional income generation	AAU, Jorhat, 2009	mellife	5 Unit	5	Rabi	2	-	2	3	- 3	5
	Beneficial insects Other beneficial organisms												

	1_	1		T _	1 .		-	T	1					
	Farmer and	1.Organic	1	June,	5	Off	8	2	10	10	5	15	25	
	Farm women	management of insect		2019										
		pests of horticultural												
les		crops												
l uu	Rural Youth	2.Production	1	July,	3	Off	7	5	12	8	5	13	25	
<u> </u>		technology of home		2019										
<b>6</b> 0		made botanicals and												
br.		fungicides												
Su B		3.Commercial	1	Octo	5	Off	9	3	12	8	5	13	25	
		cultivation of	1	ber,		OII			12			13	23	
La		mushroom for self		2019										
ls t				2019										
On and Off campus training programmes	Extension	employment 4.Recent advances in	1	Das	5	Off	10	2	12	8	5	13	25	
au			1	Dec,	)	OII	10	2	12	8	3	13	25	
l c	Personnel	organic management		2019										
Ö	G. 11 G. 1	of vegetable crops												
pu	Civil Society													
	NGO(includin													
Or	g school drop													
	outs)													
	Others (Pl.													
	specify)													
	- ·				l	ı								T
	Farmer and													
al 5	Farm women													_
Vocational training programmes	Rural Youth	5.Mushroom spawn	1	Dec,	10	On	10	2	12	8	5	13	25	
ati rar		production and its		2019										
		cultivation												
V		technology												
	Extension													

	Personnel Civil Society NGO(includin g school dropouts)							
50								Sponsori ng agency
niming tes	Farmer and Farm women							
tra nm	Rural Youth							
Sponsored training programmes	Extension Personnel							
ons	Civil Society							
$\mathbf{S}\mathbf{p}$	NGO(includin g school drop- outs)							

## **Discipline:** Animal Science

Name of the concerned Subject Matter Specialist: Dr. Prabhat Baruah MobileNo: 8812862393

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Mandat	Thematic	Name of Technology	Sour	As	Are	Locati	Period	Nun	nber	of bene	ficiar	ries/ tı	rials	
ed	Area		ce	ses	a (in	on	and							
activitie			and	s/	ha.)		Durati		80/8	T		Conor	l	Gran
S			Year	Re			on	M	SC/S F	1	M	Gener F		d
			of	fin				IVI	r	Tot al	IVI	r	Tot al	Total
			relea	e						aı			aı	Total
	Breed	Evaluation of disease resistant	Se CVS	As	3	3	Round	2	1	3	0	0	0	3
		and reproductive trait of cross		ses	unit	3	the		1	3	U		U	3
	introduction	breed Large White Yorkshire		S	uiiit		year							
		pig in Jorhat district.		5			year							
		<b>Technology:</b> Scientific rearing												
		under intensive system with												
ng		locally available feeding												
sti		material												
n te		Observation to be recorded:.												
On farm testing		<ol> <li>Monthly weight gain</li> <li>Age at puberty</li> <li>Age at first farrowing</li> <li>Litter size</li> <li>Litter weight</li> <li>Mortality</li> <li>Age and weight at weaning</li> </ol>												

	8. Inter farrowing interval 9. Economics. Control: local pig												
	Introduction of Grampriya chicken under backyard system of management condition Observation to be recorded:  1. Weight at distribution 2. Mortality 3. Weight at laying 4. Age at laying 5. No. of egg laid/year 6. Hatchability of the eggs 7. B:C ratio Control: local poultry	DPR, Hydo rabad	As ses s	10 unit	10	Round the year	-	3	3	-	7	7	10
Breed													
improvement													
Feeding management													
Healthcare													
Housing													
Processing/ Value addition													

	Fodder production and quality enhancement  Pasture management															
Mandat	Thematic	Name of Technology	Source	Livest	Are	Lo	ocati	Perio	d and		Numl	oer of b	oenefi	iciarie	es/ dem	on.
ed	Area	demonstrated	and	ock	a (in		on	Dura	ation		SC/S			Genei		Gran
activitie			Year	enterp	ha.)					M	F	Tot	M	F	Tot	d
S			of release	rise								al			al	Total
	Breed	Demonstration on	CPDI,	Ducker	10	10		Round	1 the	_	_	_	_	10	10	10
	introduction	productive	Bhuba	у	unit			year						10	10	10
	muodaetion	performance of	neswa													
tio		White Pekin broiler	r													
tra		duck														
suc		<b>Technology: White</b>														
Front Line Demonstration		Pekin broiler duck														
e D		Observation to be														
ļ. Ņi		recorded: 1. Body														
nt I		weight at distribution														
ro		2. Mortality														
¥		3.Body weight at														
		fortnight interval														
		4. Feed intake														

T							1		, ,			1		
		5. FCR												
		6. B:C Ratio												
Bre	reed	2. Demonstration on	CARI,	Turkey	6	6	Round the	-	-	-	6	-	6	6
im	provement	Productive	ICAR		unit		year							
		performance of			s(5									
		turkey			poul									
		<b>Technology:</b> Turkey.			t/									
		Observation to be			unit)									
		recorded:												
		1. Body weight at												
		distribution,												
		mortality(%)												
		2. Weight of the Tom												
		at Slaughter age(7												
		month),												
		3. Dressing (%),												
		4. Weight at onset of												
		laying,												
		5. Age at onset of												
		laying,												
		6. Weight of the egg,												
		7. No. of egg laid/												
		annum,												
		8. Hatchability of the												
		egg,												
		9. Amount of feed												
		consumed												
		10. FCR												
		11. B:C Ratio												
Fee	eding													
ma	anagement													

Healthcare													
Housing	Performance assessment of Japanese quail in different housing system (case and litter) Observation to be recorded: 1.Body weight at distribution 2. Mortality (%) 3. Weight at onset of laying 4. Age at onset of laying 5. No. of egg laid 6. Amount of feed consumed 7. FCR 8. Hatchability of the egg	ICAR NEH Umiu m, 2016	Japane se Quail	3 unit	3	Round the year	1	1	2	1		1	3
Fodder production and quality enhancement	Demonstration on multicut fodder Hybrid Napier and oat (variety-Kent) for dairy cattle. Parameters to be recorded: 1.Days to first cutting 2. Number of cuttings	AAU, Jorhat	Diary	5 unit (0.1 3ha each dem o)	5	Round the year	-	-	-	5	-	5	5

		3. Yield per cutting 4. Total yield/ha 5.Milk yield before and after feeding 6. B:C												
	Pasture													
	management													
Mandat ed	Target group	Title of the training Programme and No.	No.	Perio d of	Durati on (in	On/Of f		SC/S		er of b	enefici Gener		Gran	Rema rks
activitie s		of Courses in bracket	of train ing prog s	the year	days)	camp	M	F	Total	M	F	Total	d Total	TAS
ning	Farmer and Farm women	Prospect of Assam Hill Goat and its scientific management.	01	July, 2019	02	off	-	-	-	10	15	25	25	
pus trai mes	Rural Youth	Commercial poultry farming.	01	Octo ber, 2019	05	Off	5	5	10	10	5	15	25	
On and Off campus training programmes	Extension Personnel	Emerging and re- emerging diseases of livestock and poultry	01	Augu st	02	On	5	-	5	20	-	20	25	
and	Civil Society													
Ou s	NGO(includin g school drop- outs)													
	Others (Pl.	Care and	01	Nov	02	Off	5	5	10	10	5	15	25	

	specify)	management of livestock and poultry during flood.												
mmes	Farmer and Farm women													
orogra	Rural Youth	Scientific pig farming	1	Aug, 2019	07	On	5	5	10	10	5	15	25	-
ining I	Extension Personnel													
trai	Civil Society													
Vocational training programmes	NGO(includin g school drop- outs)													
Voc	Others (Pl. specify)													

<b>Discipline: Home Science</b>
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E-mail address:

Mandat	Thematic Area	Name of Technology	Sourc		Are	Locati		Nu	mber	of ben	eficia	ries/ 1	trials	
ed activitie			e and Year	ses s/	a (in ha.)	on	od and		SC/S	ST	(	Gener	al	Gran
S			of releas e	Re fin e	па.)		Dur atio	M	F	Tot al	M	F	Tot al	d Total
	Nutritional													
	Gardening													
On farm testing	Nutritional diet for children/ Pregnant women  Energy saving tools/ devices  Water harvesting devices including													
On	purification													
	Hygienic Sanitation													

Mandat	Thematic Area	Name of	Source	Crop/	Are	Locati	Period		Nun	ber of	bene	ficiari	ies/ der	non.
ed		Technology	and	Croppi	a (in	on	and		SC/S			Gener		Gran
activitie			Year of	ng	ha.)		Duratio	M	F	Tot	M	F	Tot	d
S	NT		release	system			n			al			al	Total
	Nutritional													
	Gardening													
	Nutritional diet	Production of ready	CFTRI,	-	3	3	Through	-	1	1	-	2	2	2
	for children/	to cook Petha	Mysore		unit	locatio	out the							
	Pregnant women	Mixture with dried				ns	year							
	_	vegetables												
_	Energy saving	Demonstration on	PAU,	-	3	3	Through	-	1	1	-	2	2	2
Front Line Demonstration	tools/ devices	Uses of Fruit	Ludhiana		unit	locatio	out the							
rat	***	Harvester				ns	year							
nst	Water harvesting													
mo	devices including													
De	purification													
ne	Hygienic													
[ F	Sanitation													
ont	Organic dye													
Fr	introduction/													
	utilization													
	Utilization of													
	waste materials													
	(Bio-degraded/													
	Bio-													
	nondegraded)													
	Storage													

	(grains/ fruits/ fishes/ meat etc)														
	Uses of women friendly tools (WFT)	Demonstration on effectiveness of paddy seed stripper	Deptt. of FRM, College of Commulity Science AAU, Jorhat	n	3 unit	3 locatio ns		Rabi	-	1	1	-	2	2	2
	Techniques of child care/ old age														
Mandate	Target	Title of the training	No.	Perio	Durati	On/		Nui	nbei	r of k	oenefi	ciarie	S S	Re	marks
d	Target group	programme and No. of		d of	Durati on (in	On/ Off	,	Nui SC/ST	ı		oenefi Gene		s Gran		marks
		_	of traini				M								marks
d		programme and No. of	of	d of the	on (in	Off campu		SC/ST	T	(	Gene	ral Tot	Gran d		marks
d		programme and No. of	of traini ng	d of the	on (in	Off campu		SC/ST	T	(	Gene	ral Tot	Gran d		marks

techniques

		Food processing and preservation	1	Nov, 2019	5	Off	-	5	5	-	20	20	25	
		Income generation through value addition of water hyacinth	1	Feb, 2020	5	Off	-	10	10	-	15	15	25	
	Extension Personnel	Development of linkages with Banks and other organizations	1	Mar, 2020	1	Off	-	4	4	-	21	21	25	
Vocational training programmes	Farmer and Farm women	Production of nonwoven fabric for entrepreneurship development	1	Dec,2 019	7	On	-	10	10	-	15	15	25	
Vocational train programmes	Rural Youth Extension Personnel													

# **Extension Activities of the KVK proposed for the year 2019-20**

Specific activity	No. of	Period of	Duration			Numbe	er of benef	iciaries (N	0.)		
	activities	the year	(in days)		SC/ST			General			and otal
			<u> </u>	M	F	Total	M	F	Total	M	F
Diagnostic visit	75	2019-20	-	25	45	70	26	30	56	51	75
Advisory services/ telephone talk	325	2019-20	-	105	66	171	120	34	154	225	100
Training Manual	3	2019-20	-	-	-	-	-	-	-	-	-
Celebration of Important days	8	2019-20	8	250	185	435	50	20	70	300	205
Exhibition	3	2019-20	7	-	-	-	-	-	-	-	-
Exposure visit	5	2019-20	5	-	-	-	-	-	-	-	-
Extension literature (Leaflet/ folders/ Pamphlets)	7	2019-20	-	-	-	-	-	-	-	-	-
Extension / technical bulletin	5	2019-20	-	-	-	-	-	-	-	-	-
News letter	1	2019-20	-	-	-	-	-	-	-	-	-
News paper coverage	20	2019-20	-	-	-	_	-	-	-	-	-

Research publications	6	2019-20	-	-	-	-	-	-	-	-	-
Success stories/ Case studies	4	2019-20	-	-	-	-	-	-	-	-	-
Farm Science Clubs' Convenors meet	-	2019-20	-	-	-	-	-	-	-		
Farmers' Seminar	1	2019-20	-	-	-	-	-	-	-		
Farmers' visit to KVKs	1850	2019-20	-	-	-	-	-	-	-	-	-
Ex-trainees' meet	3	2019-20	-	-	-	-	-	-	-	-	-
Field day	25	2019-20	-	-	-	-	-	-	-	-	-
Film show	1	2019-20	-	-	-	-	-	-	-	-	-
Radio Talk	15	2019-20	-	-	-	-	-	-	-	-	-
TV talk	2	2019-20	-	-	-	-	-	-	-	-	-
Kishan Goshthi	2	2019-20	-	-	-	-	-	-	-	-	-
Group Meeting	8	2019-20	-	-	-	-	-	-	-	-	-
Kishan Mela	4	2019-20	-	-	-	-	-	-	-	-	-
Soil Health Camps	2	2019-20	-	-	-	-	-	-	-	-	-
Animal Health Camps	2	2019-20	-	-	-	-	-	-	-	-	-

Awareness camp	12	2019-20	-	-	-	-	-	-	-	-	-
Mobile Agro-Advisory	100/120000										
(Messages/											
Beneficiaries)											
Method demonstration	30	2019-20	-	-	-	-	-	-	-	-	-
Scientists' visit to farmers' field	105	2019-20	-	-	-	-	-	-	-	-	-
Workshop/ Seminar	3	2019-20	1	-	-	-	-	1	-	-	-
Soil Testing	800	2019-20	1	-	-	-	-	1	-	-	-
Water Testing	-	-	1	-	-	-	-	1	-	-	-
Plant Testing	-	-	1	-	-	-	_	1	-	-	-
Manure Testing	-	-	-	-	-	-	-	1	-	_	-
Any other (Pl. Specify)											

# Activity Calendar of KVK, Jorhat (Month-wise target to be completed) for the year 2019-20

## KVK:KVK Jorhat

Activity/ Month		Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
OFT (	(Nos.)													
i.	Number of Technologies	1	1	1	2	-	1	3	3	2	-	-	-	14 nos.
i.	Number of Trials	3	10	3	6	-	1	7	9	6	-	-	-	45 nos.
ii.	Area (ha)/ items (no.)	0.39	10 nos.	0.39	0.78	-	20 msq	0.78/ 1 unit	1.17	0.78	-	-	-	4.29ha, 20 msq, 11 units
FLD (	Nos.)													
i.	Number	1	2	2	2	2	2	2	1	2	1	1	1	19
ii.	Area(ha)/ items (no.)	0.39 ha	0.72 ha	2.5 ha, 25 unit	1.25 ha	2.5 ha, 3 unit	9 unit	2.64 ha	3 unit	10 unit	3 unit	10 unit	3 unit	10 ha, 66 units
Train	ing programme													
A.	Farmer													
i.	No. of course	-	1	1	3	1	2	2	-	1	-	-	-	11
ii.	No. Of participants	-	25	25	75	25	50	50	-	25	-	-	-	275
B.	Rural Youth													
i.	No. of course	-	-	-	2	2		3	1	2	3	1	-	14
ii.	No. Of participants	-	-	-	50	50	-	75	25	50	75	25	-	350
C.	Ext. Personnel													
i.	No. of course	-	-	-	1	-	1	-	1	1	2	-	-	6
ii.	No. Of participants	-	-	-	20	-	25	-	25	25	50	-	_	145

Extension Activities/													
programmes													
i. No. of activities	-	1	5	6	4	5	3	4	2	2	2	1	35
ii. No. of beneficiaries	-	205	525	400	375	390	200	150	200	126	175	190	2936
Seeds production (tonnes)													
Planting materials (Nos. in lakh)	0.020	0.021	-	-	0.051	0.03	0.06	-	-	-	-	-	0.182
Livestock strains (No. in lakh)	-	-	-	-	-	0.0008	-	-	-	-	-	-	0.0008
Fingerlings (No. in lakh))													
Bio-agents/ products (tonnes)	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-fertilizers/ Vermicompost	0.25	0.25	0.25	0.50	0.40.	0.50	0.75	0.25	0.50	0.75.	0.25	0.25.	4.9
etc. (in Tonnes)													
Soil , Water, Plant, Manures		180	105	110	168	135	142	146	139	149	125	129	1528
Testing (No. of samples to be													
tested)													
Soil , Water, Plant, Manures		180	105	110	168	135	142	146	139	149	125	129	1528
Testing (No. of farmers													
benefitted)													
Soil , Water, Plant, Manures		1	2	1	2	2	1	2	1	1	1	1	15
Testing (No. of villages covered)													
Mobile Agro-Advisory (No. of	22	17	15	14	16	14	17	15	14	23	17	28	212
Messages)													
Mobile Agro-Advisory (No. of	2500	3500	2400	3000	2500	2500	3300	3400	4200	5000	2800	3200	38300
Farmers)													

Signature Pr. Scientist cum Head