Indian Council of Agricultural Research

Agricultural Technology Application & Research Institute, Zone-VI

Guwahati, Assam

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

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

Present Staff Position in KVK

Sl. No.	Name	Gender (M/F)	Category (General/OBC/SC/ST)	Designation	Discipline	Mobile No.
1.	Dr. Kameswar Das	M	General	Head	Agronomy	9854071472
2.	Dr. Hiranya Kumar Baruah	M	General	S.M.S	Agril. Economics	9864069182
3.	Mrs.Mandakini Bhagawati	F	General	S.M.S	Horticulture	9508362365
4.	Dr.Rajeev Bhandar Kayastha	M	General	S.M.S	Animal Science	9864063230
5.	Mr.Mahesh Kalita	M	General	S.M.S	Agronomy	9401075184
6.	Ms Juri Talukdar	F	OBC	S.M.S	Plant Protection	8638282259
7.	Mr.Poran Kishore Dutta	M	General	S.M.S	Soil Science	9864651997
8.	Mr.Jyotish Sarma	M	General	Farm Manager	Crop Physiology	9864368708
9.	Mr.Sailen Talukdar	M	SC	Programme Assistant	Crop Physiology	9678210770
10.	Mr. Anirban Singha	M	General	PA (Computer)	-	9435053585
11.	Mr. Prodeep Kr. Roy	M	OBC	Office Spdt cum Acctt	-	9435022587
12.	Mr. Mrinmoy Dutta	M	General	Steno cum Comp. Operator	-	6001310249
13.	Mr. Lakhiram Brahma	M	ST	Driver cum Mechanics	-	9954144767
14.	Mr. Sanju Boro	M	ST	Driver cum Mechanics	-	7002979107
15.	Mr. Levi Murmu	M	OBC	Supporting Staff	-	9678253198
Total	15					

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: MAHESH KALITA **Mobile No:** 9401075184

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Mandated activities	Thematic Area	Name of Technology	Source and Year of release	Assess/ Refine	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ trials						
								SC/ST/OBC			General			Grand Total
								M	F	Total	M	F	Total	
On farm testing	Varietal evaluation	Performance of new rapeseed variety JT 90-1 (Jeuti) under delayed sowing condition in rice- toria sequence **Treatments:** T_1: variety- JT 90-1 T_2: variety- TS 67 (check) **Observations to be recorded**: Plant height, no of primary branch, no of siliqua/ plant, no of seed/ siliqua, incidence of pest &	Assam Agricultural University, Year-2015	A	0.39	Bijni, Chirang	Nov, 2019-Feb, 2020	1	-	1	2	-	2	3

		disease, yield & B-C ratio, farmers' reaction												
	Varietal evaluation	Performance of buckwheat varieties in rice – buckwheat sequence **Treatments:** T_1: variety- Sikkim local 1 T_2: variety- Sikkim local 2 T_3: Gossaigaon local (check) **Observations to be recorded**: date of sowing, plant height, no of branch/ plant, date of maturity and harvest, incidence of pest & disease, yield and B-C ratio, farmers' reaction	ICAR - NOFRI, Sikkim & AAU,	A	0.39	Bengtol, Rowmari	Nov, 2019- Feb, 2020	2	-	2	1		1	3

	Any other (Pl. Specify)-Post harvest management	Effect of new microbial consortium in quality improvement of jute fibre **Treatments:** T_1: Use of microbial consortium at the time of retting in between jute bundles in retting tanks T_2: farmers' practice (check) **Observations to be recorded**: date of sowing and harvesting, crop age, date of application of bacterial formulation, date of fibre extraction, depth of water of retting tank & its area, colour of jute fibre, fibre yield and B-C ratio, farmers' reaction	RARS, Shillangoni	A	0.39	Bhawaraguri	March, to July 2020	3	-	3	-	-	-	3

Mandated activities	Thematic Area	Name of technology	Source and Year of release	Crop/ cropping system	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ demon.						
								SC/ST/OBC			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	Varietal evaluation	Demonstration of submergence tolerant *Sali* rice variety Ranjit Sub-1 under flood prone condition	AAU, Jorhat, 2014	Rice	10.0	Pretgaon, Shyamthaibari	May-Oct, 2019, duration 155 days	9	9	18	9	1	10	28
		Demonstration of olitorious jute variety Tarun for fibre production in Jute rice sequence	AAU, Jorhat, 2014	Jute	5.0	Majrabari, Bhawraguri, Batabari	Mar, 2019-Jul, 2020	4	-	4	6	-	6	10
	Seed Production	Foundation seed production of rapeseed variety TS-29/ TS 46 through PPP mode in rice toria sequence	AAU, Jorhat	Rapeseed	2.0	Saragaon, Silikhaguri	Oct-Jan, 2019 duration 105 days	2	-	2	7	1	8	10
	Integrated Farming System/ Integrated Crop Management	Integrated crop management of Niger in rice-niger sequence	AAU, Jorhat	Niger	2.0	Kgagrabari, Mwkwnaguri	Nov-Feb, 2019 duration 110 days	4	2	6	2	2	4	10
		Integrated crop management of Buckwheat in rice-buckwheat sequence	AAU, Jorhat	Buckwheat	2.0	Nilibari, Hatipota	Nov-Feb, 2019 duration 110 days	5	2	7	3	-	3	10
		Integrated crop management of foxtail millet	AAU, Jorhat	Foxtail millet	1.0	South Bamungaon	Jan- Mar, 2020	-	-	-	4	-	4	4

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	Improved production technology of wheat crop in rice wheat sequence	1	May, 2019	2 days	Off	10	5	15	7	3	10	25	
		Contingency crop planning for flood affected areas	1	Jun, 2019	2 days	Off	12	3	15	7	3	10	25	
		Improved production technology of rabi oilseed crop	1	Sep, 2019	2 days	Off	10	4	14	9	2	11	25	
		Cropping practices for marginal and dry land situation	2	Oct, 2019	2 days	Off	20	7	27	18	5	23	50	
		Resource conservation and sustainable	1	Aug, 2019	2 days	Off	10	3	13	8	4	12	25	

		cropping practices												
		Increasing irrigation efficiency for rabi crops	1	Sep, 2019	2 days	Off	12	3	15	7	3	10	25	
	Rural youth	Potato cultivation through TPS	2	May, June	2 days	Off	28	0	28	22	0	22	50	
		Improved production technology of kharif pulse crop blackgram	1	May, 2019	2 days	Off	5	5	10	9	6	16	25	
	Extension Personnel	Rain water harvest and its use in agriculture and households	1	Feb, 2020	1 day	On	10	5	15	7	3	10	25	
Vocational training programmes	Farmer and Farm women													
	Rural Youth	Quality seed production technology for important pulse, oilseed and rice	1	Nov, 2019	5 days	On	9	-	9	16	-	16	25	
	Extension Personnel													
	Others (Pl. specify)													

Discipline: **Horticulture**

Name of the concerned Subject Matter Specialist : MANDAKINI BHAGAWATI **Mobile No: 9508362365**
E-mail address: mandakiniaau@rediffmail.com

Mandated activities	Thematic Area	Name of Technology	Source and Year of release	Assess/ Refine	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ trials						
								SC/ST/OBC			General			Grand Total
								M	F	Total	M	F	Total	
On farm testing	Varietal evaluation	**Performance of multiple disease resistant tomato variety** **Treatment** **T1: Arka Abhed** **T2: Arka Rakshak** Observations to be recorded: Growth parameters, Yield attributing characters, Yield, disease reaction, economic	IIHR, Bangalore	A	0.13	Alengmari, Duturi, Ballamguri	Sept-Oct to February, 2019	1	-	1	2	-	2	3

	Integrated Nutrient Management	**Stage wise nutrient management in banana** **Technology:** T_1 :N:60% of RDF at 5months after planting, 20% of RDF at shooting, 20% of RDF at last hand opening stage P: Whole at 3 MAP K:40% of RDF at shooting, 60% at last hand opening **Observations to be recorded**: Average no of hands/bunch, average no of fruits/hand, yield, disease and pest incidence, Production Economics	AAU, Jorhat, 2015	A	0.26	Charagaon, Birhangaon Bengtol	Sept-Oct, (Round the year) 2019	2	-	2	1		1	3
	Organic cultivation	Organic cultivation of turmeric *var*. Megha Turmeric	ICAR NEH Region, Barapani	A	0.13	Mwkhnaguri, Panbari, Tengabari	April, 2019 to March' 2020	3	-	3	-	-	-	3

		Technology: **Seed treatment:** *Trichoderma viridae* @5g/kg of seeds for 30 min **Manuring:** FYM 10-15t/ha + Neem cake 2t/ha and Rock phosphate 150 kg/ha as basal **Check:** Farmers practice **Observations to be recorded**: Days to emergence of sprouts, yield, disease and pest incidence, Production Economics												

Mandated activities	Thematic Area	Name of technology	Source and Year of release	Crop/ cropping system	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ demon.						
								SC/ST/OBC			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	Varietal evaluation	Popularization of pumpkin variety Arjuna F1 in farmers field	AAU	Pumpkin	0.13	Batabari, Sanyashibari, Duturi	Oct'2019-February' 20	2	-	2	2	-	2	4
		Cultivation of watermelon in sand silt deposited areas	AAU	Watermelon	0.26	Dababil, Sanyashibari, Tulsijhara	Oct'2019-February' 20	2	-	2	2	-	2	4
		Scientific cultivation of banana var. Malbhog	AAU	Banana var. Malbhog	o.26	Basugaon, Shyamthaibari, Birhangaon	April,2019 onwards whole year	2	-	2	1	-	1	3
	Crop production	Multistoreyed arecanut based cropping system (Crops: Blackpepper, assam lemon, pineapple)	AAU	Multistoreyed cropping system	0.013	Mwkhnaguri, Banduguri, Runikhata,	April,2019 onwards whole year	3	-	3	-	-	-	3

Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of training progs	Period of the year	Duration (in days)	On/Off campus	Number of beneficiaries							Remarks
							SC/ST			General			Grand Total	
							M	F	Total	M	F	Total		
On and Off campus training programmes	Farmer and Farm women	Scientific management of coconut, arecanut and betel nut	3	April, Sept, Oct	2 days	Off	30	15	45	24	6	30	75	
	Rural youth	Plasticulture applications in horticulture crops	2	May, June	2 days	Off	30	0	30	20	0	20	50	
	Farmer and Farm women	Crop diversification in sand and silt deposited areas	3	July, Aug,Nov	2 days	Off	30	15	45	24	6	30	75	
	Rural youth	Winter vegetable cultivation in scientific way	2	Dec, Jan	2 days	On	20	10	30	14	6	20	50	
	Extension Personnel	Year round cultivation of flowers and vegetables under low cost polyhouse	1	February	2 days	On	10	5	15	7	3	10	25	

Vocational training programmes	Farmer and Farm women	Nursery raising for self employment	1	March	4 days	On	18	-	18	7	-	7	25	
	Rural Youth													
	Extension Personnel													
	Civil Society													
	Others (Pl. specify)													

Discipline: Soil Science

Name of the concerned Subject Matter Specialist: Poran Kishore Dutta . **Mobile No:** 9864651997

E-mail address: poran.dutta@gmail.com

Mandated activities	Thematic Area	Name of Technology	Source and Year of release	Assess/ Refine	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ trials						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
On farm testing	Soil health													
	Soil management (Nutrient management)	Root –dipping in SSP-MC slurry method of P management of rice in rice – toria sequence **Treatments:** **Step I: Root dipping in soil-water slurry amended with SSP:** 7.0 kg SSP is to be mixed thoroughly with mud. Roots of uprooted rice seedling bundles are to be dipped in the SSP amended mud slurry bed for over-night (optimum duration is 10h). **Step-II: Root-dipping in soil-water slurry amended with MC:** 5 kg finely grounded dry compost/FYM along with either 4.0 kg MC biofertilizer (if solid carrier based	CAU, 2016	Assessment	0.40	Saragaon, Shyamthaibari, Ulubari	Rice: June19-Nov 19 (130-135 days) Toria: Mid Nov19/ Dec19 – Feb/March 20 (90-95days)	1	-	1	2	-	2	3

		formulation) or 500 ml liquid MC biofertilizer are to be mixed thoroughly with mud in the slurry bed. The SSP slurry treated roots of rice seedling bundles are to be dipped in to MC amended mud slurry bed and incubated for 2 h. **Step III: Main field preparation:** Rockphosphate broadcasted on the main field @125 kg ha-1 along with 50% of the recommended dose of Urea (133 kg ha-1) and MOP (66 kg ha-1).												
		INM in olitorius jute in jute – toria sequence **Treatments: Seed treatment:** Azotobacter @50 g/kg seed and PSB @ 50 g/kg seed **Basal Application:** Application of 50% N + 50% P_2O_5 + 100% K_2O of RD of fertilizer as basal	AAU, RARS shillongoni	Assess ment	0.40	Bhaurag uri, Ballamg uri, Mongola gaon	March /April20 - August sept 20 (120-125 days)	1	-	1	2	-	2	3
	Organic Cultivation	Performance of bio fertilizer in kharif blackgram in blackgram – okra sequence	AAU, RARS Shillongoni	Assess ment	0.40	Pub Makra, Ulubari,	Aug/Sep t19- Nov/Dec	1	-	1	2	-	2	3

		Treatments: **Seed treatment**: Seed inoculation with Rhizobium and PSB each @ 50 g/kg seed Main field: 15-35-15 NPK/ha				Phulkumari	19 (80-90 days duration)							
	Organic Cultivation	**Title:** Cultivation of Knolkhol by using organic sources of nutrient **Treatment:** **Biofertilizer:**Azotobacter and PSB @7.5g each per 100g of seeds, **Manuring**: Vermicompost @ 5t/ha + Rockphosphate @ 375 kg/ ha	AAU, Jorhat	Assessment	0.2	Batabari, Mwkhwnaguri, Ulubari	Sept/Oct 19- Nov-Dec 19	1	-	1	2	-	2	3

Mandated activities	**Thematic Area**	**Name of Technology demonstrated**	**Source and Year of release**	**Crop/ Cropping system**	**Area (in ha.)**	**Location**	**Period and Duration**	**Number of beneficiaries/ demon.**						
								SC/ST			**General**			**Grand Total**
								M	**F**	**Total**	**M**	**F**	**Total**	
Front Line Demonstration	Soil health													
	Soil management	Application of zinc and boron on rice-rapeseed sequence **Treatment:** 15 kg B/ha +25 kg Zn/ha+ recommended dose of	AAU,Jorhat	Rice-rapeseed	3	Bijni, Bangaljhora, Maneshwari, Runikha	Rice: June19-Nov 19 (150-155 days) Rapeseed:	2	1	3	2	-	2	5

		NPK fertilizer in rice and residual affect on toria				ta,mang alagaon	Mid Oct/ Nov19 – Jan/Feb 20 (90-100 days)							
		INM in toria in rice-toria sequence **Treatment:** Fertilizer @ 45 : 22.5 : 30 kg (N : P2O5 : K2O)/ ha along with Azotobacter and PSB each @ 40g/ kg seed	AAU, Jorhat	Rice-rapeseed	3	Bangaljhora, Bhauraguri, Shyamthaibari, Mongolagaon, Rowmari	Rice: June19-Nov 19 (150-155 days) Rapeseed: Mid Oct/ Nov19 – Jan/Feb 20 (90-100 days	2	1	3	2	-	2	5
	Soil testing														
	Soil amendment (Lime/ Others)														
	Soil biology (BGA/ Azolla)														
	Soil microbes (beneficial)	Production of vermicompost in low cost vermicompost unit	AAU,Jorhat	vermicompost	10	Saragaon South Bamungaon, Pub Makra, Ulubari, Phulkumari, Dipu	Round the year	3	2	5	3	2	5	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	Use of Microbial biofertilizer in field crops	1	May,19	2	Off	10	5	15	5	5	10	25	
		Soil & water conservation practices in dry land farming	1	May,19	2	Off	10	5	15	5	5	10	25	
		Production technology of Azolla and its use in crop production	1	June,19	2	Off	10	5	15	5	5	10	25	
		Management Soil fertility for vegetable crops	1	July,19	2	Off	10	5	15	5	5	10	25	
		Management of soil resources for organic farming	2	Aug,19, Feb 20	2	Off	20	10	30	10	10	20	50	
	Rural Youth	Use of Microbial biofertilizer in field crops	1	Sept,19	2	Off	10	5	15	5	5	10	25	
		Production technology of Azolla and its use in crop production	1	Oct,19	2	Off	10	5	15	5	5	10	25	
		Management of soil resources for organic farming	1	Nov,19	2	Off	10	5	15	5	5	10	25	
		Use of Micronutrient in different crops	1	March 20	1	Off	10	5	15	5	5	10	25	

	Extension Personnel	Production technology of biofertilizer	1	Dec,19	1	on	10	5	15	5	5	10	25	
		Soil fertility management for production for soil health and higher crop production	1	Jan,20	1	on	10	5	15	5	5	10	25	

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

Name of the concerned Subject Matter Specialist: Juri Talukdar. Mobile **No:** 8638282259

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Mandated activities	Thematic Area	Name of Technology	Source and Year of release	Assess/ Refine	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ trials						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
On farm testing	Biological control	Biological pest management of Sali paddy against leaf folder and Gandhi bug in rice-toria sequence **Treatment:** T1:(i)Spray of bioneem 0.15EC @3ml/lit of water at 10 days after transplanting followed by second spray at 20 days after transplanting (ii) Spray *beauveria bassiana* @7gm/L at boot leaf stage to reduce gandhi bug	ICAR, 2013	A	0.39	Bhouraguri Ballamguri Bishnupur	July19-Nov 19	02	-	02	01	-	01	03

		T2:Control												
	Integrated pest Management	Management of fruit fly in bottle gourd through pheromone trap **Treatment:** T_1 :Installation of pheromone trap @ 30nos/ha starting from 15 days after sowing T_2 : Control	AAU,2015	A	0.39	Denaipara, Hulmagaon, Batabari	Nov,19-Feb,20	01	-	01	02	-	02	03
	Biological control	Efficacy of bio pesticide for management of soil borne pathogens and insect of Brinjal **Treatment:** T_1 :Seed treatment with liquid consortia @ 5ml/kg + seed bed treatment (5ml/kg) 3 days before seed sowing + seedling dip treatment with consortia of bio fertilizer+ spray of liquid bio pesticides @ 3ml/ L of water 15,30,45 & 60 DAT T_2 : Control	AAU(Under pipeline)	A	0.39	Saragaon, manglagan, Duturi	Sep, 19-Jan ,20	02	-	02	01	-	01	03
	Integrated Pest management	Management of cutworm in field pea **Treatment:** T_1 :Mulching with rice straw just after of sowing T_2 : Control	AAU, 2017	A	0.39	Thuribari, Mwkaagur i, Dababil	Nov,19-Feb,20	02	-	02	01	-	01	03

Mandated activities	Thematic Area	Name of Technology demonstrated	Source and Year of release	Crop/Cropping system	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ demon.						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	Integrated Disease Management	Control of stem rot and root rot disease of *Olitorius* jute through Potassic fertilizer in toria-jute sequence **Technology:** Application of 50 kg/ha k_20 at the time of sowing	AAU, 2009	Jute	1ha	Majragaon,patabari,Bhouraguri,Ballamguri	Feb,20-Aug,21	05		05	02		02	07
	Biological control (Insect/pest/ weeds etc)	Management of rice yellow stem borer through pheromone trap **Technology**: Pheromone traps along with Scripolure septa are to be installed in the middle of the field starting 15 days after transplanting of rice @ 8-10 nos/ha	Package of practice Kharif, AAU, 2009	Rice	3 ha	Bhouraguri, matiapara, hulmagaon, Denaipara,majrabari, saragaon	July- Nov 2019	03	03	06	03	-	03	09
	Biological control (Insect/pest/ weeds etc)	Protection of eriworm against insect through mosquito net for better quality and higher production of eri cocoon.	Dept. of sericulture, AAU	Eriworm	20 nos.	Bollamguri,Tukrajhar,panbari,runikhata	Round the year		10	10		10	10	20
	Biological control	Non-woven poly propylene 17 GSM bunch bag for controlling fruit scarring beetle in Banana	AAU, 2017	Banana	1ha	Saragaon, Tengabari	May19- Feb20	02		02	03		03	05

	Product evaluation (Efficacy)													
	Beneficial insects	Scientific beekeeping for increasing agricultural productivity and additional income **Technology:** Rearing of Indian bee hive (ISI A type) @ 5 nos/ha crop land or 1 nos. Bee hive/bigha land area.	Dept. of Entomology, AAU, 2009	Honey bee	10 units	Denaipara, Tukrajhat, Bengtol, Khamarpara, baghmara	Round the year		05	05	05	-	05	10
	Method Demonstration	Year round cultivation of Mushroom variety oyster 444	Dept of plant pathology, AAU, Jorhat	Mushroom	100 nos.	Silikhaguri,Baghmara Kashikotra, Hatipota Sidli	Round the year	25	25	50	25	25	50	100

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	Integrated pest and disease management in Sali rice	1	May19	2 day	Off	4	0	4	20	1	21	25	
		Biological control of rice pest and disease management	1	June 19	2 day	Off	3	1	4	18	3	21	25	
		Integrated pest and disease management in winter vegetables	2	Sep 19	2day	Off	6	2	8	36	6	42	50	
		Mushroom cultivation for economic upliftment	1	Oct 19	2 day	Off	-	10	10	-	15	15	25	
		Integrated management methods of late blight disease in potato	2	Nov19 Dec19	2 day	Off	8	0	8	40	2	42	50	
	Rural Youth	Recent advancement in pest and disease management in agriculture	2	Oct,19 Jan20	1 day	Off	6	2	8	36	6	42	50	
		Rodent management in field and store	1	Dec,20	2 day	Off	3	1	4	18	3	21	25	
	Extension Personnel	Recent advancement in pest and disease management in agriculture	1	March 20	2 day	On	3	1	4	18	3	21	25	

Vocational training programmes	Farmer and Farm women													
	Rural Youth	Scientific beekeeping	1	Feb,19	5 day	Off	3	1	4	18	3	21	25	
	Others (Pl. specify)													

Discipline: **Animal Science**

Name of the concerned Subject Matter Specialist:.Dr. Rajeev Bhandar Kayastha **MobileNo:** 9864063230

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Mandated activities	**Thematic Area**	**Name of Technology**	**Source and Year of release**	**Assess/ Refine**	**Area (in ha.)**	**Location**	**Period and Duration**	**Number of beneficiaries/ trials**						
								SC/ST			**General**			**Grand Total**
								M	**F**	**Total**	**M**	**F**	**Total**	
On farm testing	Breed introduction	Productive performance of Daothigir chicken under backyard system Technology: Daothigir chicken Observation: Mortality % during	AAU	A	100	Dangsibari Bilaspur, Amguri	1 year	-	3	3	-	-	-	3

		brooding, weight at onset of laying, age at onset of laying ,no. of egg laid, Check: Local chicken												
	Breed improvement	Productive performance of HD-K 75 pig under local condition of Chirang. Technology: HD-K 75 as Improved Pig Variety Observation: Growth performance, Productive and reproductive Performance, Piglet Mortality, Incidence of diseases. Farmers Feedback. Check: Local pig Variety	College of Veterinary Science, Khanapara	A	9	Birhangaon, Malivita, Bamungaon	1 year	3	-	3	-	-	-	3
	Housing	Performance of Black Bengal goat under low cost raised platform system of housing Technology: Low cost raised platform housing. Observation: Growth rate Productive and reproductive traits,	College of Veterinary Science, Khanapara	A	Construction of low cost raised platform housing system	Koilamoila Birhangaon, Silpota	1 year	3	-	3	-	-	-	3

Mandated activities	Thematic Area	Name of Technology demonstrated	Source and Year of release	Livestock enterprise	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ demon.						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	Breed introduction	Rearing of Broiler duck (White Pekin) for economic upliftment of tribal women in Chirang district. Technology:White Pekin	Central Poultry Development Organisation and training Institute, Hesaraghatta Bengaluru	*Duck*	200 nos	Amguri Namalpur Bengtol	1 year	2	-	2	-	1	1	3
		Broiler Rabbit farming for livelihood security among tribal farmers Technology: Newzealand White/ Soviet Chinchilla as quality broiler rabbit	ICAR Research complex Barapani	Rabbit	30 nos	Kajalgaon Sidli Birhangaon	1 year	3	-	3	-	-	-	3
	Breed improvement	Rearing of dual purpose Kadaknath chicken for livelihood security Technology: Kadaknath Chicken	CARI, Bareilly	Chicken	100 nos	Bengtol Bortolua Kajalgaon	1 year	1	-	1	2	-	2	3
		Quail farming for additional income generation. Technology:CARI –Pearl, egg type	CARI, Bareilly	Quail	500 nos	Silpota, Hatipota, Bhabanipur	6 month	-	3	3	-	2	2	5
		Rearing of Turkey bird for lean meat production Technology: Spanish Black	CARI, Bareilly	Turkey	100	Kajalgaon Sidli Birhangaon	1 year	1	-	1	2	-	2	3
	Feeding management	Rearing of Local chicken for meat purpose under	C.V.Sc., Khanapara	Chicken	500 nos		6 month	-	3	3	-	2	2	5

		intensive system of management												

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	Control measures of parasitic diseases of livestocks	1	April,19	2 days	Off	25	-	25	-	-	-	25	
		Feeding management of dairy animals	1	May, 19	1 days	Off	20	5	25	-	-	-	25	
		Integrated duck-fish and backyard poultry farming system for doubling farmers income	1	June,19	2 days	Off	-	-	-	20	5	25	25	
		Biosecurity measures in a farm premises.	1	July, 19	1 days	Off	-	-	-	25	-	25	25	
		Scientific management of sheep and goat	1	Aug,19	2 days	On	10	-	10	15	-	15	25	
		Care and management of pregnant animals	1	Sept,19	1 days	Off	25	-	25	-	-	-	25	
	Rural Youth	Summer management of dairy animals	1	Oct,19	1 days	Off	10	-	10	15	-	15	25	
		Brooding management in a poultry farm	1	Nov,19	1 days	On	25	-	25	-	-	-	25	
		Scientific Pig farming	1	March, 20	1 days	Off	-	-	-	20	5	25	25	

	Extension Personnel	Fertility management in Dairy cows	1	Feb,20	1day	On	10	-	10	10	-	10	20	
	Civil Society	Zoonotic diseases of livestock and their importance	1	Jan,20	1 days	On	-	-	-	25	-	25	25	
Vocational training programmes	Farmer and Farm women													
	Rural Youth	Entrepreneurship development through poultry farming.	1	July,19	4 days	On	5	-	5	5	-	5	10	
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													

Discipline: Home Science

Name of the concerned Subject Matter Specialist: Mandakini Bhagawati, SMS (Horticulture) **Mobile No:**.9508362365

Mandated activities	Thematic Area	Name of Technology	Source and Year of release	Crop/Cropping system	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ demon.						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	Nutritional Gardening													
	Utilization of waste materials (Bio-degraded/ Bio-nondegraded)													
	Storage techniques (grains/ fruits/ fishes/ meat etc)													
	Uses of women friendly tools (WFT)													
	Techniques of child care/ old age	Traditional bamboo walker for infants	AAU	A		10 units	Satipur, Borgaon, Bengtol, Mwkhnaguri	5	5	10	0	0	0	10
	Others (Pl. specify)													

Discipline: Agricultural Extension/ Agricultural Economics/ Agricultural Statistics

Name of the concerned Subject Matter Specialist (Agricultural Economics): Dr. Hiranya Kumar Baruah. Mobile No:.9864069182

E-mail address:hkbkvk@gmail.com

Mandated activities	Thematic Area	Technology/ Method/ Process/ Model	Source and Year of release	Crop/ Cropping system/ Enterprise	Area (in ha.)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	Formation of Groups													
	Benchmark Survey (PRA etc)													
	Impact Assessment													
	Technology Backstopping Technology Backstopping	Milky Mushroom	AAU	Milky Mushroom cultivation for economic development	5 units	Bangalijhora, Sidli, Amguri, Mwkwnaguri, Hatipota	Kharif 6 months (June 19-september19)	50	50	100	10	15	25	125
		Oyster Mushroom	AAU	Oyster Mushroom cultivation for economic development	5 units	Mwkwnaguri, Kashikotra, Hatipota Sidli	Rabi 6months (Oct19-March20)	50	50	100	10	15	25	125

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	Marketing of Agricultural and Horticultural Produce (3)	3	April, May, June	2 2 2	Off Off Off	5 5 5	2 2 2	7 7 7	12 12 12	6 6 6	18 18 18	25 25 25	
		Formation and Management of S.H.Gs(2)	2	July August	2 2	On Off	5 5	2 2	7 7	12 12	6 6	18 18	25 25	
	Rural Youth	Milky mushroom cultivation(1) Oyster Mushroom cultivation(2)	3	Sept Oct Nov	2 2 2	On Off Off	5 5 5	2 2 2	7 7 7	12 12 12	6 6 6	18 18 18	25 25 25	
	Extension Personnel	Market led extension and Information networking among farmers(3)	3	Dec Jan Feb	2 2 2	On On On	7 7 7	0 0 0	7 7 7	12 12 12	6 6 6	18 18 18	25 25 25	
	Civil Society	Commodity Future Online Trading	1	Mar	2	On	5	2	7	12	6	18	25	
	NGO(including school drop-outs)													
	Others (Pl. specify)													

Vocational training programme	Farmer and Farm women													
	Rural Youth	Mushroom cultivation for economic upliftment(1)	1	Dec,19	5	On	5	3	8	12	5	17	25	
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													
Sponsored training programmes														**Sponsoring agency**
	Farmer and Farm women													
	Rural Youth	Mushroom cultivation for economic upliftment(1)	1	Jan,20	5	Off	5	3	8	12	5	17	25	SBI-RSTEI
	Extension Personnel	Commodity future online trading (1)	1	March,20	2	On	5	5	10	10	5	15	25	NABARD
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													

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

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	72	Round the year	1 day each	22	13	35	16	9	25	38	22
Advisory services/ telephone talk	144	Round the year	-	85	25	110	70	20	90	155	95
Training Manual	1										
Celebration of Important days	5	-	1 day each	500	125	625	400	100	500	900	225
Exhibition	3			300	125	425	400	200	600	700	325
Exposure visit	2	Oct,19 - Mar,20	1 day each	25	5	30	50	20	70	75	25
Extension literature (Leaflet/ folders/ Pamphlets)	6	Round the year	-	80	60	140	40	20	60	120	80
Extension / technical bulletin	4	Round the year		70	40	110	60	30	90	130	70
News letter	1	Mar,19		50	50	100	50	50	100	100	100
News paper coverage	10	Round the year									
Research publications	6	Round the year									
Success stories/ Case studies	6	Round the year		2	1	3	2	1	3	3	3
Farm Science Clubs' Convenors meet	1	Oct 19		20	5	25	15	10	25	35	15

Farmers' Seminar	1	Sept 19	1 day	50	50	100	0	0	0	50	50
Farmers' visit to KVKs	27	Round the year		200	100	300	100	150	200	300	200
Ex-trainees' meet											
Field day	7	Oct,19-Mar,20	1 day each	50	25	70	75	30	105	125	50
Film show	5	July19 Jan20	1 day	70	40	110	80	60	140	150	100
Radio Talk	2	Round the year									
Group Meeting	10	Jan'19 Feb20	1 day each	10	5	15	10	5	15	20	10
Kishan Mela	2	Oct'19, Feb20	1 day each	200	100	300	150	50	200	350	150
Soil Health Camps	2	Dec'19	1 day each	200	100	300	150	50	200	350	150
Animal Health Camps	2	July19 Aug20	1 day	75	150	225	75	100	175	150	250
Awareness camp Mobile Agro-Advisory (Messages/ Beneficiaries)	4		1 day each	30	20	50	40	10	50	70	30
Method demonstration	10	Round the year	1 days each	30	15	45	40	15	55	70	30
Scientists' visit to farmers' field	60	Round the year	1 days each	50	20	70	20	10	30	70	30
Workshop/ Seminar											
Soil Testing	1	May,19 to Mar20		200	100	300	100	100	200	300	200
Formation of Self Help Groups	10	May,19 to Mar20		0	60	60	0	40	40	0	100
Bench Mark Survey (Participatory Rural Appraisal)	4	May,19 to Mar20	2days/PRA = 8 days	15	35	50	15	35	50	50	50

Impact Assessment on Tribal Sub Plan programme of Chirang	20	Jan20 to Marc20		10	15	25	15	10	25	25	25
Water Testing											
Plant Testing											
Manure Testing											
Any other (Pl. Specify) Soil Health Cards										500	105
Total	428			3295	1393	4698	2515	1197	3712	6310	2735

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

KVK: Chirang

Activity/ Month		Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
OFT (Nos.)														
i.	Number of Technologies	3		1	1	1	4	1	3	1	1	1	1	18
i.	Number of Trials	9		3	3	3	9	3	9	3	10	3	3	45
ii.	Area (ha)/ items (no.)	0.92		0.40	0.39	0.40	0.98	6 unit	1.16	100 unit	10unit	3 unit	0.40	4.65 ha ,119 units
FLD (Nos.)														
i.	Number	3	2	3	2	1	2	8	2	2	2		1	28
ii.	Area(ha)/ items (no.)	0.39 ha,100 unit	6 ha	6 ha,10 units	3 ha, 500 units	100 units	700 units	2.39 ha & 225 units	4 ha, 10 units	40 units	1 ha, 5 unit		5ha	27.78 ha & 1690 units
Training programme														

A. Farmer													
i. No. of course	5	6	8	4	5	7	5	5	2	1	1	1	50
ii. No. Of participants	125	150	200	100	125	175	125	125	50	25	25	25	1250
B. Rural Youth													
i. No. of course		2	2			1	3	3	2	1	1	2	17
ii. No. Of participants		50	50			25	75	75	50	25	25	50	425
C. Ext. Personnel													
i. No. of course									2	3	5	2	12
ii. No. Of participants									50	75	125	50	200
Extension Activities/ programmes													
i. No. of activities	30	25	60	34	35	45	25	34	30	40	40	30	428
ii. No. of beneficiaries	350	400	520	640	500	280	400	480	700	560	450	300	5580
Seeds production (tonnes)													
1. Rice (Sali)									70.0				70.0
Oilseed													
1. Sesamum (Kalibor Local)									17.5				17.5
2. Niger (NG 1)												10..0	10.0
3. Toria (TS-36/TS-38/TS-46/Ts-67) & Mustard(NRCHB-101)											35.0	5.00	40.0
4. Linseed(T-397)												7.0	7.0
Pulse													

1. Black gram(PU-31)								10.0					10.0
2. Lentil (Moitree)												40.0	40.0
Others													
1. Buckwheat (Local)											48.00		48.00
Planting materials (Nos. in lakh)					0.10					0.15			0.25
Bio-fertilizers/ Vermicompost etc. (in Tonnes)													Azolla 0.8 Vermicompost 4.0
Soil , Water, Plant, Manures Testing (No. of samples to be tested)	Soil-												Soil-1000
Soil , Water, Plant, Manures Testing (No. of farmers benefitted)	Soil-												Soil-700 -
Soil , Water, Plant, Manures Testing (No. of villages covered)	Soil-												Soil-50
Mobile Agro-Advisory (No. of Messages)	18	18	18	19	19	19	18	18	18	18	19	18	220
Mobile Agro-Advisory (No. of Farmers)	39	39	39	39	39	39	39	39	39	39	39	44	473

Farm demonstration													
Tomato(Hybrid)										0.5			0.5
Potato											7.0		7.0
Chilli (Teswani)												0.15	0.15
Brinjal (Navkiran)												0.50	0.50
KnolKhol												0.5	0.5
Watermelon(Sugar Baby)												0.10	0.10
Pineapple					1.0								1.0
Sesamum									0.3				0.3
Niger											1.5		1.5

Blackgram								0.2					0.2
Buckwheat											3.0		3.0
Dhaincha								0.1					0.1

Head
KVK,Chirang