

**Indian Council of Agricultural Research
Agricultural Technology Research Institute, Zone-VI
Guwahati**

Format for Annual Action Plan Formulation of KVKs, Zone-VI for 2020-21

Name of the KVK/District: KVK, KarbiAnglong 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.S.Maibangsa	M	ST	Head	Crop Physiology	9859824022
2.	Mr. S. Bhuyan	M	General	SMS	Ext. Education	9954429602
3.	Mr. N. Kalita	M	General	SMS	Soil Sc.	9435490447
4.	Dr. M. K. Doley	M	ST	SMS	Animal Sc.	9854056234
5.	Dr. L. Kataki	M	General	SMS	Plant Protection	9864679313
6.	Mr. S. Dutta	M	General	SMS	Horticulture	7002610396
7.	Ms. P. Boruah	F	OBC	SMS	Agronomy	8486940685
8.	Ms.M.Rangpharpi	F	ST	P.Astt.	Agronomy	9854570505
9.	Mr. B. Borthakur	M	General	P. Astt.(comp)	Computer Sc.	9435713827
10.	Mr. T.T. Millik	M	ST	Farm Manager	Horticulture	9854039821
11.	Mr. H. Medhi	M	OBC	Supt. Cum Acct.	M.BA	9859434380
12.	Mr. B. Dutta	M	General	Jr. Steno cum Comp.Opt.	B.A.	9207330945
13.	Mr. B. Gogoi	M	OBC	Driver cum Mechanic	Undermatric	9854878066
14.	Mr. B. Saikia	M	OBC	Driver cum Mechanic	HS	8723989527
15.	Mr. R. Tisso	M	ST	Chowkidar	Undermatric	6000362134
16.	Mr. M. J. Dutta	M	General	Chowkidar	Undermatric	--

Please furnish discipline-wise information in the given format pertaining to the mandated activities of your KVK targeted to be accomplished during 2020-21.

Discipline: Agronomy

Name of the concerned Subject Matter Specialist: Ms.PrakshiptaBoruah**Mobile No. 8486940685**

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Mandated activities	Thematic Area	Name of Technology Assessed/ Refined (in Specific)	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	Varietal performance	OFT on Bora and Chakua rice varieties Var.1: TTB-DR-106-2-4 Var.2: TTB-DR-103-4-4 Check: Aghoni Bora Observation: Plant height, No. of tillers per hill, Days to 50% flowering, Yield attributing characters, Grain & straw yield, B:C ratio, Farmer's reaction	RARS, Diphu, Under pipeline	Assess	0.3	3	June, 150 days	3	-	3	-	-	-	3
	Varietal performance	OFT on Sali rice varieties Var. V₁: TTB-DR-207-3-2	RARS, Diphu, Under pipeline	Assess	0.4	3	June, 130 days	3	-	3	-	-	-	3

	<p>Var. V2: TTB-DR-205-2-1</p> <p>Check: Farmer's variety and practice</p> <p>Observation: Plant height, No. of tillers per hill, Days to 50% flowering, Yield attributing characters, Grain & straw yield, B:C ratio, Farmer's reaction</p>													
Crop management	<p>Performance of sesame under different dates of sowing</p> <p>Tech: 3rd week of July, 2nd week of August</p> <p>Check: 4th week of June</p> <p>Observation: Plant stand, Days to 50% flowering, No. of primary and secondary branches, capsule length, no. of capsules per plant, Test wt., Harvest Index, Yield B:C</p>	-	Refine	0.4	3	June-August, 90 days	3	-	3	-	-	-	-	3

		Ratio, Farmer's reaction												
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	Varietal demonstration	Demonstration on rice Var. Tripura ChikanDhan	ICAR, NEH Region, Tripura	-	2.0	3	June, 140 days	2	-	2	1	-	1	3
	Seed Production	-	-	-	-	-	-	-	-	-	-	-	-	-
	Integrated Weed Management	-	-	-	-	-	-	-	-	-	-	-	-	-
	Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-	-	-	-
	Integrated Farming System/ Integrated Crop	-	-	-	-	-	-	-	-	-	-	-	-	-

	Management														
	Cropping sequence	Cultivation of oats as fodder crop after <i>Salirice</i>	AAU, 2015	Oats (Rice – Oats)	1.0	3	Oct – Dec, 110 days	2	-	2	1	-	1	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	Organic rice production	2	Jun & July, 20	3	Off	35	5	40	10	-	10	50		
		Scientific cultivation practices of potato	2	Nov & Dec, 20	2	Off	15	10	25	15	10	25	50		
		Scientific cultivation practices of millets	1	Jan, 21	2	Off	10	10	20	5	-	5	25		
	Rural Youth	Production technology of <i>Azolla</i>	1	Sep, 20	3	Off	15	10	25	15	10	25	25		
		Scientific cultivation practices of fodder production	1	Oct, 20	2	Off	10	5	15	5	5	10	25		
	Extension Personnel	-	-	-	-	-	-	-	-	-	-	-	-		-
	Civil Society	-	-	-	-	-	-	-	-	-	-	-	-		-
NGO (including school drop outs)	-	-	-	-	-	-	-	-	-	-	-	-	-		

Mandate activities	Thematic Area	Name of Technology	Source and Year of release	Assesses/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 (OFT)	Varietal performance	Performance of Tomato var: ArkaAbhed Observations: Plant height, Days to flowering, Duration, Fruits/plant, Avg. fruit wt., Fruit Diameter, Shelf life, Yield, Disease pest incidence, Farmers' reaction, B: C ratio	IIHR, 2018	Assesses	0.2	3	Oct-Nov, 2020	2	1	3	-	-	-	3
	Varietal performance	Performance of FrenchbeanVar: ArkaSukomal Observations: Plant height, Days to flowering, Duration, Fruits/plant, Avg. fruit wt., Fruit length, Yield, Disease pest incidence, Farmers' reaction, B: C ratio	IIHR, 2018	Assesses	0.2	3	Oct-Nov, 2020	3	-	3	-	-	-	3
	Varietal performance	Varietal performance of Ridge Gourd var: ArkaPrasan Observations: Days to appearance of first female flower, Days to fruiting, No. of	IIHR, 2016	Assesses	0.2	3	May, 2020	3	-	3	-	-	--	3

		fruit/plant, Weight of fruit, Length of the fruit, Yield, Economics, Feedback of the farmer, Pest and disease incidence												
Mandate 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 (FLD)	Crop management	Improved cultivation practices of Broccoli Observations: Days to curd formation, Duration, Curd diameter, Av. curd weight, Yield, B.C. Ratio, Farmers' reaction	AAU	Broccoli	0.2	3	Aug, 2020	3	-	3	-	-	-	3
	Varietal demonstration	Demonstration on Strawberry Var: Sweet Charlie/Festival Observations: Days to flowering, Days to fruiting, No. of fruits/plant, Fruit weight, Duration, Yield, Disease and pest	AAU	Strawberry	0.012	3	Oct-Nov, 2020	2	1	3	-	-	-	3

		incidence, Farmers' reaction, B:C ratio												
	Varietal demonstration	Demonstration on Pumpkin Var: Arjuna F1 Observations: Days to flowering, Days to fruiting, No. of fruits/plant, Duration, Fruit weight, Yield, Disease and pest incidence, Farmers' reaction, B:C ratio	East West International	Pumpkin	0.2	3	Sept, 2020	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 On and Off campus training programmes	Farmer and Farm women	Improved production technology of Commercial vegetable crops	1	Sept, 2020	2	Off campus	25	-	25	-	-	-	25	
		Establishment and management of a Nutri garden	2	June-July, 2020	2	Off campus	20	5	25	10	15	25	50	
		Commercial flower production	1	Aug, 2020	2	Off campus	5	20	25	-	-	-	25	

		Production technology of commercial fruit crops	1	Sept, 2020	2	Off campus	25	-	25	-	-	-	25	
	Rural Youth													
	Extension Personnel													
Vocational Training programmes	Farmer and Farm women	Nursery raising and propagation techniques in horticultural crops	1	Dec, 2020	5	On campus	20	5	25	-	-	-	25	

Discipline: Soil Science

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Mandated activities	Thematic Area	Details of Technology	Source and Year of release	Assesses/Refine	Area (in acre)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
On farm testing	Soil health	Root dipping in SSP-MC Slurry method of P management in rice	CAU Pipeline	A	1	Lumbajong Dev. Block	June-Nov 160 days	3	-	3	-	-	-	3

		Seed priming for improving crop productivity in maize and nutrient efficiency in acid soils	ICAR RC, Umiam	A	1	Lumbajong Dev. Block	Nov'20 20	3	-	3	-	-	-	3
	Soil management													
	Soil testing													
	Soil amendment (Lime/ Others)	Application of 33% of lime requirement & 2% urea spray at pod initiation stage along with RDF in blackgram	AAU Under pipeline	A	1	LumbajongDev Block	August-Nov. 90 days	3	-	3	-	-	-	3
	Soil biology (BGA/ Azolla)		-	-	-	-	-	-	-	-	-	-	-	-
	Soil microbes (beneficial)		-	-	-	-	-	-	-	-	-	-	-	-
	Any other (pl. specify)		-	-	-	-	-	-	-	-	-	-	-	-
Mandated activities	Thematic Area	Technology/Crop/Cropping system	Source and Year of release	Demon (No.)	Area (in acre)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	Soil health	Organic cultivation of Rice	AAU	5	2.5	3	June-Nov. 160 days	5	-	5	-	-	-	5
	Soil management	-	-	-	-	-	-	-	-	-	-	-	-	-
	Soil testing	-	-	-	-	-	-	-	-	-	-	-	-	-
	Soil	Borax application in	AAU	5	5.0	4	Oct.-Jan.	3	-	3	2	-	2	5

	amendment (Lime/ Others)	Toria	2009					120 days						
	Soil biology (BGA/ Azolla)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Soil microbes (beneficial)	Biofertilizer application in Blackgram	AAU	3	2.5	2	Aug-Nov 90 days	2	-	2	1	-	1	3
	Any other (Pl. specify)	Vermicompost production	AAU	3	-	3	Nov. 180 days	2	-	2	1	-	1	3
Mandated activities	Target group	Title of the training programme	Period of the year	Duration (in days)	On/Off campuses	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	Organic cultivation of rice	June	2	Off	25	0	25	0	0	0	25		
		Organic cultivation of rice	July	2	Off	10	10	20	5	0	5	25		
		Fertilizer management in rice	July	1	Off	10	5	15	10	0	10	25		
		Use of Biofertilizer in crop production	August	1	Off	15	5	20	5	0	5	25		
	Rural Youth	Commercial production of vermicompost	September	2	On	10	5	15	10	0	10	25		
		Commercial production	October	2	Off	15	5	20	5	0	5	25		

		of vermicompost											
		Organic crop production	November	4	On	15	5	20	5	0	5	25	
	Extension Personnel	Soil and water conservation measures in hill slope cultivation	February	1	On	15	0	15	10	0	10	25	
	NGO(including school drop outs)	-	-	-	-	-	-	-	-	-	-	-	
	Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-	-	
Vocational training programmes	Farmer and Farm women	-	-	-	-	-	-	-	-	-	-	-	
	Rural Youth	-	-	-	-	-	-	-	-	-	-	-	
	Extension Personnel	-	-	-	-	-	-	-	-	-	-	-	
	Civil Society	-	-	-	-	-	-	-	-	-	-	-	
	NGO(including school drop outs)	-	-	-	-	-	-	-	-	-	-	-	
	Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-	-	
Sponsored training progra													Sponsoring agency
	Farmer and Farm women												

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

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

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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	
	Biological Control	On farm mass production of <i>Trichoderma viride</i> <i>Technology:</i> On farm mass production of	IGKV, 2018	A	--	3	June, 2020	3	-	3	-	-	-	3

	<p><i>Trichoderma viride</i> in PD broth utilizing household materials and subsequent mixing with carrier materials</p> <p>Observations:</p> <ul style="list-style-type: none"> • <i>T. viride</i> cfu count (cfu/ml) at 30, 60, 90 and 120 after storage • Percent contamination • B:C ratio • Farmers feedback 													
	<p>Management of wilt complex in solanaceous vegetable using Biofor-Pf 2</p> <p>Technology detail:</p> <ul style="list-style-type: none"> - Seed treatment with Biofor Pf 2 (1 gm per 10 gm of brinjal seeds) - Root dip treatment with Biofor Pf 2 for 1 hour before transplanting. (1 Kg/ 2 litres of water for 1000 seedlings) - Soil application with Bioforpf 2 (10 gm mixed with 100 gm dried cow dung per plant). <p>Observations:</p> <ul style="list-style-type: none"> • First appearance of disease • No. of infected plants at 10 days interval • Disease incidence (%) • Yield (q/ha) • B:C ratio 	AAU 2015	A	0.4	3	Oct' 2020	3	-	3	-	-	-	-	3

		• Farmer's reaction												
		<p>Biological management of <i>Fusarium</i> of sesame</p> <p>Technology detail: Seed treatment with <i>Trichodermasp.</i> @ 5 % + soil application of <i>Trichoderma</i> mixed with FYM @ 1:100</p> <p>Observations:</p> <ul style="list-style-type: none"> • First appearance of disease • Disease incidence (%) • Yield (q/ha) • B:C ratio • Farmer's reaction 	AAU 2015	A	0.4	3	Aug' 2020	3	-	3	-	-	-	3
	Storage Grain Pest													
	Integrated Disease Management													
	Beneficial insects													
	Other beneficial organisms													
	Store grain pest													
	Others (Mushroom)	<p>Production performance of milky mushroom</p> <p>Observations:</p> <ul style="list-style-type: none"> • Days to- -Spawn run -Pin head initiation 	AAU, 2019	A	100 beds	5	June 2020	3	2	5	-	-	-	5

		-Pileus diameter -Stipe length -Stipe diameter -Average weight -Yield -Biological efficiency -BC ratio -Farmers feedback												
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	Mushroom production	Improved Production technology of oyster mushroom (<i>P. osterotus</i>) Observation: <ul style="list-style-type: none"> • Days to 1st harvest, • Yield (kg/bed), • B:C ratio, • Farmers reaction 	AAU, Jorhat	--	500 beds	5	Oct'2020 (35 days)	1	4	5	-	-	-	5
	Integrated Pest Management	-	-	-	-	-	-	-	-	-	-	-	-	-
	Biological control (Insect/pest/weeds etc)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Product evaluation (Efficacy)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Beneficial insects	Scientific Beekeeping of <i>Apis cerena</i> in BIS A	AAU, Jorhat	-	5 boxes	5	Oct, 2020	3	2	5	-	-	-	5

		type Bee box				s								
		Observation:												
		<ul style="list-style-type: none"> • No. of active colony, • Days to 1st harvest, • Av. Yield (kg/box), • B:C ratio • Farmers reaction 												
	Other beneficial organisms	-	-	-	-	-	-	-	-	-	-	-	-	-
	Store grain pest	-	-	-	-	-	-	-	-	-	-	-	-	-
	Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-	-	-	-
Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of training progs	Period of the year	Duration (in days)	On/Off campus	Number of beneficiaries						Remarks	
							SC/ST			General				Grand Total
							M	F	Total	M	F	Total		
On and Off campus training programmes	Farmer and Farm women	IPM and IDM in <i>Sali</i> Rice	2	June, July and Aug, 20	2	Off	30	10	40	5	5	10	50	
		Safe use of pesticides in vegetable production system	2	Aug'20	2	Off	30	10	40	5	5	10	50	
		Cultivation practices of oyster mushroom	2	Sept and Oct' 20	4	Off	10	30	40	5	5	10	50	

		IPM in Ginger and Turmeric	1	Feb, 21	2	Off	25	-	25	-	-	-	25	
	Rural Youth	Cultivation practices of oyster mushroom	1	Sept' 20	2	On	5	15	20	3	2	5	25	
	Extension Personnel	Organic farming with special reference to plant protection	1	Jan'21	1	On	15	20	25	-	-	-	25	
	Civil Society	-	-	-	-	-	-	-	-	-	-	-	-	
	NGO(including school drop outs)	-	-	-	-	-	-	-	-	-	-	-	-	
	Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-	-	-	
Vocational training programmes	Farmer and Farm women	Cultivation practices of oyster mushroom	2	Sept, and Oct' 20	4	On and Off	10	30	40	5	5	10	50	
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													
sored training programme														Sponsoring agency
	Farmer and													

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

Discipline: Animal Science

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Mandated activities	Thematic Area	Name of Technology	Source and Year of release	Assess/R efine	Nos of lives tock /poultry/ Eggs	Location	Period and Duration	Number of beneficiaries/ trials						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
ON FARM TESTING (OFT)	Poultry management	Deworming and mineral mixture supplementation on growth Performance of Crossbred Pigs <i>Technology:</i>	NRC on Pig	A	54	3	June, 2020	2	3	5	1	-	1	6

		<p>-Regular Deworming with broad spectrum anthelmintics (Fentas plus tablet @ 1 tablet/30Kg body weight)</p> <p>-Mineral mixture (Minfa Gold) supplementation as per standard protocol</p> <p>-Creed feeding of piglet @ 0.2Kg/piglet/day</p> <p>Observations:</p> <p>-Fortnightly body weight gain</p> <p>-Weaning age</p> <p>-Mortality</p> <p>-Maturity age</p> <p>-FCR</p>												
Poultry management	<p>Comparative Evaluation of Production Performance in Improved Chicken Varieties for Backyard Farming</p> <p>Technology:</p> <p>Improved poultry varieties viz., Kamrupa, Vanaraja, Rainbow Rooster will be reared under Backyard system. The birds will be provided ad libitum with starter ration up to 6 weeks of age thereafter backyard rearing with supplement feeding with regular deworming and vaccination.</p> <p>Observations:</p>	-	A	300	3	September, 2020	3	5	8	1	1	2	10	

		-Body weights at at 20, 40, 64 and 72 weeks of age -Egg weights at 24, 28, 32, 36, 40, 64 and 72 weeks of age Age at Sexual Maturity												
	Livestock management	Performance evaluation of Assam Hill goat under semi-intensive rearing system Technology: -Seasonal fodder (ad libitum) + concentrate mixture @ 1% of body weight	-	A	30	3	June, 2020	2	3	5	1	1	2	7
	Others	Evaluation of Hatchability of Low cost Poultry Incubator Technology: -Study the hatchability percentage of fertile quail egg, fowl egg, duck egg. -All fertile egg will be supplied to farmers Observations: -Hatchability -Optimum incubation temperature maintained after power supply. -Day at maximum hatching -Optimum incubation capacity	-	R	300 eggs	5	May 2020	3	2	5	-	-	-	5
Mandate	Thematic Area	Name of Technology demonstrated	Source and Year of	Farmin g	No. of	Locatio n	Period and Duration	Number of beneficiaries/ demon.						
								SC/ST	General	Gran				

activities			release	system	birds			M	F	Total	M	F	Total	d Total
Front Line Demonstration (FLD)	Breed introduction	Performance of BV380 poultry under Backyard system of Rearing Observation: -Body weights at at 20, 40, 64 and 72 weeks of age -Egg weights at 24, 28, 32, 36, 40, 64 and 72 weeks of age Age at Sexual Maturity	Venkateshwara Research and Breeding Farm P. Ltd., Pune, India	Backyard system	300	10	June, 2020	3	5	8	1	1	2	10
	Poultry management	Productive and reproductive performances of Quail birds under Deep litter system Observation: -Fortnightly body weight gain -Mortality -Morbidity -Age at 1 st lay egg -Egg production	PDP, Hyderabad	Deep litter system	300	5	September, 2020	3	4	7	2	1	3	10
	Breed introduction	Demonstration of Kadanath poultry under backyard	PDP, Hyderabad	Backyard system	250	10	June, 2020	3	5	8	1	1	2	10

		system of rearing Technology: Rearing of Kadaknath chicken under backyard system Observation: -Mortality -Age at 1 st laying, -Body weights at at 20, 40, 64 and 72 weeks of age -Egg weights at 24, 28, 32, 36, 40, 64 and 72 weeks of age -Age at Sexual Maturity												
Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of training programme	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 poultry farming	1	August	2	off	15	5	20	3	2	5	25	
		Establishment and Management of Piggery Unit	1	June	2	off	15	5	20	3	2	5	25	
		Disease management	1	July	2	Off	15	5	20	3	2	5	25	

		of Livestock and Poultry												
		Establishment and Management of Piggery Unit	1	September	2	off	15	5	20	3	2	5	25	
	Rural Youth	Scientific poultry farming	1	August	2	Off	15	5	20	3	2	5	25	
		Scientific piggery farming	1	October	2	off	15	5	20	3	2	5	25	
	Extension Personnel													
Vocational Training programmes	Rural Youth	Poultry rearing as source of livelihoods (5)	1	June	5	On	15	5	20	3	2	5	25	

DISCIPLINE: AGRICULTURAL EXTENSION

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Mandated activities	Thematic Area	Title/Technology/ Method/ Process/ Model	Numbers	Assess/ Refine	Area (in ha.)	Location	Period and Duration	Number of respondents/ beneficiaries						
								SC/ST			General			Grand
								M	F	Tot	M	F	Tot	

										al			al	d To tal
On farm testing	Impact analysis	Study on adoption of some selected AAU developed rice varieties in KarbiAnglong. Parameters to be studied : 1. Extent of adoption- varietal 2. Area expansion. 3. Increase in production. 4. Increase in income. 5. Constraints in adoption	1	A	-	-	Nov- Dec, 2020	-	-	-	-	-	-	70 for each crop
	Crop cultivation	Study on Cultivation practices, Production cost , Cost benefit ratio, gross income, and net income of some selected Horticultural crops as cultivated by the tribal farmers of KarbiAnglong. Observations: 1Cultivation practices 2.Total production per bigha 3. Cost of production per bigha 4.Gross income per bigha 5.Net income per bigha 6.Cost-benefit ratio 7. Sources of input	1	A	-	-	Jan- Feb, 2020				-	-	-	10 0

	Benchmark Survey (PRA etc)	PRA, 1nos. Survey for PKVY-1					2	-	-	-	-	-	-	-	50
	Impact Assessment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Technology Backstopping	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dissemination time/ Loss of technologies	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Coordination/ Convergence/ Linkages promoted/ created	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Others (Pl. specify)	Formation of FPO	1	-	-	-	-	-	-	-	-	-	-	-	200
Mandated activities	Thematic Area	Technology/ Title/Method/ Process/ Model	Source and Year of release	Crop/ Cropping system/ Enterprise	Area (in ha.)	Location	Period and Duration	Number of beneficiaries							Grand Total
								SC/ST			General				
								M	F	Total	M	F	Total		
Front Line Demonstration	Formation of Groups	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Benchmark Survey (PRA etc)	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	Impact Assessment	-	-	-	-	-	-	-	-	-	-	-	-	-
	Yield Gap Analysis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Technology Backstopping	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dissemination time/ Loss of technologies	-	-	-	-	-	-	-	-	-	-	-	-	-
	Others (Pl. Specify) Entrepreneurship Development	-	-	-	-	-	-	-	-	-	-	-	-	-
	Training Need Analysis	-	-	-	-	-	-	-	-	-	-	-	-	-

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	Entrepreneurship Development in Agriculture	4	June-Aug	2 nos.: 4days 2nos. :3 days	Off	-	-	-	-	-	-	100	
	Rural Youth	Entrepreneurship Development in Agriculture	4	Sept-Nov	2 nos.: 4days 2nos. :3 days	Off	-	-	-	-	-	-	100	
	Extension Personnel	-	-	-	-	-	-	-	-	-	-	-	-	

	Civil Society	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NGO(including school drop-outs)	Entrepreneurship Development in Fishery	1	Dec-Jan	2	On	-	-	-	-	-	-	-	-	25
	Others (Pl. specify)Women	Leadership	1	Dec-Jan	1										25
Vocational training programmes	Farmer and Farm women	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Rural Youth	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Extension Personnel	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Civil Society	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NGO(including school drop-outs)	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sponsored training programmes															Sponsoring agency
	Farmer and Farm women	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Rural Youth	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Extension Personnel	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Civil Society	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NGO(including school drop-outs)	-	-	-	-	-	-	-	-	-	-	-	-	-	
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-	-	-	-		

Extension Activities of the KVK proposed for the year 2020-21

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	20	Year round	-	100	25	105	50	25	75	150	50
Advisory services/ telephone talk	200	Year round	-	50	20	70	15	10	25	65	30
Training Manual	2	-	-	-	-	-	-	-	-	-	-
Celebration of Important days	10	-	-	120	30	150	75	15	90	195	45
Exhibition	4	-	-	-	-	-	-	-	-	-	-
Exposure visit	1	-	-	-	-	-	-	-	-	30	10
Extension literature (Leaflet/ folders/ Pamphlets)	6	-	-	-	-	-	-	-	-	-	-
Extension / technical bulletin	6	-	-	-	-	-	-	-	-	-	-
News letter	1	-	-	-	-	-	-	-	-	-	-
News paper coverage	10	-	-	-	-	-	-	-	-	-	-
Research publications	2	-	-	-	-	-	-	-	-	-	-
Success stories/ Case studies	2	-	-	-	-	-	-	-	-	-	-
Farm Science Clubs' Convenors meet	-	-	-	-	-	-	-	-	-	-	-
Farmers' Seminar	-	-	-	-	-	-	-	-	-	-	-
Farmers' visit to KVKs	400	-	-	-	-	-	-	-	-	-	-
Ex-trainees' meet	1	-	-	-	-	-	-	-	-	-	-
Field day	8	-	-	-	-	-	-	-	-	300	100
Film show	2	-	-	-	-	-	-	-	-	-	-
Radio Talk	2	-	-	-	-	-	-	-	-	-	-
TV talk	1	-	-	-	-	-	-	-	-	-	-
KishanGoshthi	-	-	-	-	-	-	-	-	-	-	-

Group Meeting		-	-	-	-	-	-	-	-	-	-
KishanMela	1	-	-	-	-	-	-	-	-	-	-
Soil Health Camps	1	-	-	-	-	-	-	-	-	-	-
Animal Health Camps	2	-	-	-	-	-	-	-	-	-	-
Awareness camp Mobile Agro-Advisory (Messages/ Beneficiaries)	50	-	-	-	-	-	-	-	-	-	-
Method demonstration	10	-	-	-	-	-	-	-	-	90	40
Scientists' visit to farmers' field	70	-	-	-	-	-	-	-	-	-	-
Workshop/ Seminar	-	-	-	-	-	-	-	-	-	-	-
Soil Testing	200	-	-	-	-	-	-	-	-	-	-
Water Testing	-	-	-	-	-	-	-	-	-	-	-
Plant Testing	-	-	-	-	-	-	-	-	-	-	-
Manure Testing	-	-	-	-	-	-	-	-	-	-	-
Any other (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-

Activity Calendar of the KVK (Month-wise target to be completed) for the year 2020-21
KVK:KarbiAnglong

Activity/ Month	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
OFT (Nos.)													
i. Number of Technologies	0	5	8	0	2	1	3	1	0	0	0	0	20
i. Number of Trials	0	11	26	0	6	3	9	3	0	0	0	0	58
ii. Area (ha)/ items (no.)	0	0.2 ha 5 units	2.1 ha 14 units	0	1.4 ha	3 units	0.8 ha	1 ha	0	0	0	0	5.5 ha 22 units
FLD (Nos.)													
i. Number	0	0	23	0	3	3	16	0	0	0	0	0	45
ii. Area(ha)/ items (no.)	0	0	2 ha 20 units	0	0.2 ha	0.2 ha	1.01 ha 10 units	0	0	0	0	0	3.41 ha 30 units
Training programme													
A. Farmer													
i. No. of course	0	0	6	5	5	4	1	1	2	1	0	0	25
ii. No. of participants	0	0	150	125	125	100	25	25	50	25	0	0	625
B. Rural Youth													
i. No. of course	0	0	1	0	1	5	3	3	1	0	0	0	14
ii. No. Of participants	0	0	25	0	25	125	75	75	25	0	0	0	350
C. Ext. Personnel													
i. No. of course	0	0	0	0	0	0	0	0	0	1	1	0	2
ii. No. of participants	0	0	0	0	0	0	0	0	0	25	25	0	50
Extension Activities/ programmes													
i. No. of activities	0	0	0	0	0	1	1	1	0	1	1	0	5
ii. No. of beneficiaries	0	0	0	0	0	25	25	70	0	100	200	0	320
Seeds production (tonnes)	0	0	0	0	0	0	0	0	0	0	0.1	0	0.1

Planting materials (Nos. in MT)	0	0	0	0	0	0	0	0	0	0	0.8	0	0.8
Livestock strains (No. in lakh)													
Fingerlings (No. in lakh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-agents/ products (tonnes)	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-fertilizers/ Vermicompost etc. (in Tonnes)	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil , Water, Plant, Manures Testing (No. of samples to be tested)	10	10	10	10	10	10	10	10	10	10	10	10	120
Soil , Water, Plant, Manures Testing (No. of farmers benefitted)	20	20	20	20	20	20	20	20	20	20	20	20	240
Soil , Water, Plant, Manures Testing (No. of villages covered)	2	2	2	2	2	2	2	2	2	2	2	2	24
Mobile Agro-Advisory (No. of Messages)	1	1	1	1	1	1	1	1	1	1	1	1	12
Mobile Agro-Advisory (No. of Farmers)	1	1	1	1	1	1	1	1	1	1	1	1	12



Signature
Sr. Scientist cum Head