

PROFORMA FOR ANNUAL REPORT OF KVKs, 2019-20

1. GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and e-mail

Address	Telephone		E mail
	Office	FAX	
KVK, Golaghat	NIL	NIL	kvkGolaghat@gmail.com, kvk_golaghat@aau.ac.in

1.2. Name and address of host organization with phone, fax and e-mail

Address	Telephone		E mail
	Office	FAX	
AAU, Jorhat-13	0376-2340029	0376-2340001	vc@aau.ac.in, dee@aau.ac.in

1.3. Name of the Programme Coordinator with phone & mobile No

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. F.U. A. Ahmed	7002647880	7002647880	faahmed2005@gmail.com

1.4. Year of sanction: 1995

1.5. Staff Position (**As on 31st March, 2020**)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)
1	Senior Scientist and Head	Dr. F.U.A. Ahmed	Senior Scientist and Head	Animal Science	34700-67000+GP 9000 (as per 6 th CPC)	50720.00	04.10.16	P	Others
2	Subject Matter Specialist	Dr. (Mrs.) Arunima Bharali	Subject Matter Specialist	Plant Protection	15600-39100+GP 7000 (as per 6 th CPC)	31070.00	06.11.08	P	OBC
3	Subject Matter Specialist	Mrs. Manjurima Gogoi	Subject Matter Specialist	Soil Science	15600-39100+GP 6000 (as per 6 th CPC)	26590.00	04.08.11	P	OBC
4	Subject Matter Specialist	Mrs Pallavi Saikia	Subject Matter Specialist	Agricultural Extension	15600-39100+GP 7000 (as per 6 th CPC)	28450.00		P	Others
5	Subject Matter Specialist	Mrs. Sukritee Hazarika	Subject Matter Specialist	Soil Science	NA		01.02.14	P	OBC
6	Subject Matter Specialist	Mrs. Mridusmita Borthaku	Subject Matter Specialist	Community Science	15600-39100 + GP 5400(as per 6 th CPC)	56100.00	10.08.18	P	Others

		r							
7	Subject Matter Specialist	Mr. Bhoirab Gogoi	Subject Matter Specialist	Horticulture	15600-39100 + GP 5400(as per 6 th CPC)	57800.00	26.04.18	P	OBC
8	Subject Matter Specialist	Ms. Krishnaki Bora	Subject Matter Specialist	Agronomy	15600-39100 + GP 5400(as per 6 th CPC)	56100.00	10.08.18	P	OBC
9	Programme Assistant (Computer)	Mrs. Smritikha Bhuyan	Programme Assistant	Computer Sc.	9300-34800+ GP 4200 ((as per 7 th CPC)	52000.00	14.11.08	P	Others
10	Programme Assistant	Dr. Pranita Das	Programme Assistant	Veterinary					
10	Farm Manager	Mr. Ratul Ch. Neog	Farm Manager	Tea Husbandry	9300-34800+ GP 4200 ((as per 7 th CPC)	41100.00	24.10.11	P	OBC
11	Office Superintendent cum Accountant	Mr. Mriganka Shekhar Sarmah	Office Superintendent cum Accountant	PGBM (International business)	9300-34800+ GP 4200 (as per 7 th CPC)	39900.00	18.02.12	P	Others
12	Jr. Stenographer	Mr. Madhurjya Dutta	Jr. Stenographer	-	5200-20200+ GP 2400 (as per 7 th CPC)	31400.00	02.04.12	P	Others
13	Driver cum Mechanic	Mr. Diganta Gogoi	Driver cum Mechanic	-	5200-20200+ GP 2000 (as per 7 th CPC)	26000.00	22.08.17	P	OBC
14	Supporting staff	Mr. Bhuben Boruah	Grade-IV	-	5200-20200+ GP 1800 (as per 7 th CPC)	18000.00	10.07.18	P	OBC
15	Supporting staff	Mr. Ajit Sarmah	Grade-IV	-	5200-20200+ GP 1800 (as per 7 th CPC)	18000.00	13.07.18	P	Others
	Total	15							

Note: No column in the table must be left blank

- 1.6. a. Total land with KVK (in ha) : 12.26
b. Total cultivable land with KVK (in ha): 11.32
c. Total cultivated land (in ha): 6.48

S. No.	Item	Area (ha)
1	Under Buildings (Administrative building+ Farmers' Hostel+ Staff Quarters)	1.5
2.	Under Demonstration Units	1.4
3.	Under Crops (Cereals, pulses, oilseeds etc.)	0.2
4.	Under vegetables	-
5.	Orchard/Agro-forestry	0.2
6.	Others (specify)	0.88

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq. m)	Status of construction
1.	Administrative Building	ICAR	1997	600	1638979.90	-	-	-
2.	Farmers Hostel	ICAR	February 2015			-	-	-
3.	Staff Quarters (6)	ICAR	2000	363.60	1500000.00	-	-	Damaged
4.	Demonstration Units (3)	RKVY	March'2013 April'2012 April'2012	42.0 (Poultry unit) 54.45 (Azolla unit) 48.0 (Vermi unit)	485000.00			
5	Fencing	ICAR	August, 2013	-	562633.00		-	-
6	Display and Demonstration unit	ICAR	August, 2013-	40	9,30,000.00			
7	Implement Shed	ICAR	September, 2013	130	13,55,500.00			
8	Storage facilities	ICAR	-		10,00,000.00			

B) Vehicles

Type of vehicle	Regd. No.	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Bolero	AS-03 H 9470	2012	-		Functional

Tractor (New Holland)	AS-06 BC 0784	2016	7,60,000.00	-	Non functional
Power tiller(V-Shakti)	-	-	92,581.00		Functional

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Public Address System (Ahuja SSB 60M)	2000	9,000.00	Good
Television (Samsung)	2004		Good
DVD Player (Samsung)	2004		Good
Video Player	1996	14,990.00	Out of order
Camera (Minolta)	1996	16,699.00	Out of order
Slide Projector (OVAMAT515AF)	1996	23120.00	Out of order
Direct Overhead Projector (Plus DP30)	1996	1,57,502.40	Out of order
Digital Camera (Still)	2006	15,080.00	Good
Digital Camera (Still)	2011	19000.00	Good
LCD projector	2011		Good
Duplicating Machine (Gestener 1450)	1996	17,505.00	Good
Typewriter (Godrej 47 cm)	1996	-	Good
Paddle Thresher	1999	-	Good
Power pump (Kirloskar 5HP)	1996	14,450.60	Good
Photocopier (Kilburn KM1620)	2006	48,360.00	Good
Refrigerator (Kelvinator)	1996	13,140.00	Out of order
Water pump (power tiller operated)	2004	5,000.00	Good
Computer (PCS)	2005	38,000.00	Good
Computer (PCS)	2009	na	Good
Laser Printer (HP 1010)	2005	5,990.00	Good
Laser printer (hp laserjet p1505n)	2009	-	Good
Scanner (HP Scanjet 2400)	2005	3,800.00	Good
Inkjet Printer (HP Business Inkjet 1000)	2007	7,072.00	Good
Photocopier (Kilburn TASKalfa 220))	2010	1,01,920.00	Good

1.8. A). Details SAC meeting* conducted in the year 2019-20

Sl. No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken on last SAC recommendation
1.	05.02.2020	<ol style="list-style-type: none"> 1. Dr. A. Bhattacharya, Vice Chancellor, AAU, Jorhat 2. Mr. Dhiraj Das, DDC, Golaghat 3. Dr. P. K. Pathak, Director of Extension Education, AAU, Jorhat 4. Dr. N. Kalita, Director of Research(Vety), AAU, Jorhat 5. Dr. M. Neog, ADEE (T), AAU, Jorhat 6. Dr. A. Borgohain, Associate Director,Extension Education (Vety) 7. Dr. Ruplekha Borah, Dean, Faculty of Community Science, AAU, Jorhat 8. Dr. B.C. Bordoloi, Chief Scientist, SRS, Buralikson 9. Dr. T. Ahmed, Chief Scientist, RARS, Titabor 10. Dr. SoundaryaKhound, D.F.O, Golaghat 11. Smt. Arati Bailung, Progressive Farmer, Letekuchapori 12. Mr. Sumit Ganguli, Asst. Manager, DICE Golaghat 13. Mr. Chandan Shaw, Asst. Director (Sericulture) 14. Mr. PrahladChetry, Golaghat 15. Mrs. Arunima Deka, Fishery Development Officer, Golaghat 16. Mr. S. R. Thakur, LDM, UBI, Golaghat 17. Dr. S.D. Choudhury, Veterinary Officer, Shilonijan 18. Mr. K.R. Saikia, Sr. ADO (Agri), Golaghat 19. Mr. BirenGogoi, Farmer, Borphukankhat 20. Mr. Amit Nag, CMSS(S), Khumtai 21. Mr. Tapan Das, Assistant Executive Engineer, Irrigation, Golaghat 22. Mr. Ashish Duarah, Assistant Engineer ,Irrigation, Golaghat 23. Mr. S. Chakraborty, DDM, NABARD, Golaghat 24. Mr. M. Handique, DGM NRL 25. Mr. Gaurav Borgohain, CM, NRL 26. Dr. Urmimala B. Kheria, Mobile Vety. Officer, Golaghat 27. Mr. AbinashSaikia, Project Director, DRDA, Golaghat 	<ol style="list-style-type: none"> 1. More number of EF trainings should be incorporated in Action Plan 2. In case of black gram farmers variety should be taken as control for comparison 3. In case of organic cultivation care should be taken in site selection. Virgin land should be given preferences. 4. In case of Zinc trial plot with RNPK and no Zinc dose should be taken as control. 5. In Villages where local goat is present than local breeding goat should be developed for conservation of local breed. Crossing of Exotic and local breed should be done to increase milk and meat production. 6. KufriJyoti should not be taken as a variety for demonstration purpose as it is a very old variety. 7. FLD on indigenous method of potato storage for seed purpose should be taken. 8. Farmers should be advised to cut the potato plants at ground level 10 days beforeharvesting to increase the skin thickness which improves the storage quality. Seedtreatment for potato seed storage should be done. 9. In Honey bee rearing areas NRCHB101 should be given more importance. Mouchak should be provided in honey bee box to increase honey production. 10. In potato demonstration mulching should be done uniformly. 11. Farm for goat production should be developed. 12. In market chain analysis market channel should be studied. Review should be collected from University work. 13. Progressive farmers requested to establish a green house at Merapani area. 14. KVK should give awareness to farmers about different flagship programmes of various departments through different banner, hoardings etc. KVK scientists can give awareness about different programmes in various training programmes conducted by them. 	<p>OFT, FLD , Training programmes and other extension activities for FY 2019-20 have been formulated as per the recommendations</p>

	28. Ms. Sumi Saikia, DFF (L&M) ASRLM Golaghat 29. Mr. S. Prabal Sandillye, DPM(NRLM), DMMU, Golaghat 30. Mrs. Manjuma Begum, Progressive Farmer, Dhemaji Koiborta Gaon 31. Syed Rajibur Rahman, Assistant Director, District Agricultural Officer, Golaghat 32. Mr. Pranab Chakraborty, Farmer/Reporter, Dergaon 33. Dr. F.U.A. Ahmed, Senior Scientist and Head, KVK, Golaghat	15. In Brahmaputra char areas programmes related to green house/ poly house should be taken. 16. Success stories, Innovative technologies should be published in different local news papers	
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** Attach a copy of SAC proceedings along with list of participants*

2. DETAILS OF DISTRICT

2.1 Major farming systems/enterprises (based on the analysis made by the KVK)

S. No	Farming system/enterprise
1	Agri-horti
2	Agri-horti-fishery
3	Agri-livestock-fishery
4	Agri-livestock
5	Agri-horti-sericulture
6	Agri-silviculture

2.2 Description of Agro-climatic Zone & major agro-ecological situations (based on soil and topography)

Sl. No	Agro-climatic Zone	Characteristics
1.	Upper Brahmaputra Valley	Existence of high land and plain areas. The soil is immature alluvial to mature alluvial. Considerable variations are observed in physiography, climate, soil, flood proneness, socio-economic condition and cropping pattern.

Sl. No	Agro ecological situation	Characteristics
1.	Humid alluvial flood prone	Alluvial soil, flood regular feature
2.	Humid alluvial flood free	Level land, sandy loam to clay loam soil
3.	Sub-Humid alluvial medium land	Level land, sandy loam to clay loam soil
4.	Sub-humid alluvial high land	Level to undulating land, loam to clay loam soil

2.3 Soil type/s:

S. No	Soil type	Characteristics	Area in ha
1.	Inceptisol	Weak profile development	NA
2.	Entisol	Recent soils with no diagnostic horizon	NA
3.	Ultisols	Developed B horizon with Low Base Saturation	NA

2.4. Area, Production and Productivity of major crops cultivated in the district

S. No	Crop	Area (ha)	Production (q)	Productivity (q/ha)
	Cereals			
1	Autumn rice	4855	53780	18.17
2	Winter rice	74870	1544820	23.61
3	Summer rice	3680	74980	24.05
4	Wheat	1500	15260	10.17
5	Maize	540	1290	2.39
6	Small millet	449	180	4.00
	Pulses			
7	Tur	270	1830	6.79
8	Mung	186	800	4.36
9	Lentil	953	5910	6.20
10	Peas	1028	8940	8.69
11	Other rabi pulses	3775	21730	5.75
	Oilseeds			
12	Rape and Mustard	3210	14150	5.48
13	Sesamum	150	60	4.00
	Others			
14	Potato	1591	122340	76.89
15	Sugarcane	3248	1305770	402.02
16	Jute	685	58580	15.39

	Horticultural crops			
17	Banana	2655	367110	138.27
18	Pine-apple	254	33250	130.90
19	Papaya	186	24780	133.23
20	Orange	59	5960	101.20
21	Assam lemon	941	69080	73.40
22	Guava	363	55540	153.00
23	Litchi	211	7120	33.74
24	Jackfruit	186	21840	117.41
25	Mango	217	19400	89.40
26	Other fruits	59	940	15.93
	Spices & Condiments			
27	Chillies	206	1340	6.50
28	Turmeric	312	940	30.0
29	Ginger	739	75670	102.30
30	Blackpepper	150	2230	14.80
31	Other spices	62	530	8.50
	Vegetables			
32	Kharif vegetables	4343	535130	123.20
33	Rabi vegetables	7556	123118	162.94

2.5. Weather data

Month	Rainfall (mm)	Temperature ° C		Relative Humidity (%)
		Maximum	Minimum	
April,2019	163.5	36	25	77.41
May,2019	362.2	32.2	24.0	89
June,2019	244.6	37.8	27.2	93
July,2019	349	36	27	95
August,2019	155	39	27	78.82
September,2019	295	39	26	81.43
October, 2019	222.6	33	20	85.61
November, 2019	7	26	30	81.56
December, 2019	0	29	16	75.09
January,2020	24.6	27	16	79.23
February,2020	6.6	28	18	76.89

March, 2020	128	26.08	18.3	87
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Production and productivity of livestock, Poultry, Fisheries etc. in the district:

Category	Population	Production	Productivity
Cattle			
<i>Crossbred</i>	28138	20.17	6.6 lit/day for 280 days
<i>Indigenous</i>	490175	17.24	1.2 lit/day for 280 days
Buffalo	49569	6.165	2lit/day for 280 days
Sheep	NA		
<i>Crossbred</i>			
<i>Indigenous</i>			
Goats	241012	3657	11.02 Kg meat / goat
Pigs	91027	10428	80 Kg meat / pig
<i>Crossbred</i>			
<i>Indigenous</i>			
Rabbits			
Poultry			
Hens	970890	268 lakhs egg	100egg/hen/year
<i>Desi</i>			
<i>Improved</i>			
Ducks	24137	268 lakhs egg	80 egg/duck/year
Turkey and others			

Category	Area	Production	Productivity
Fish			
Fish seed		12.24 million	
Table fish		5085 tones	

Note: Pl. provide the appropriate Unit against each enterprise

2.6 Details of Operational area / Villages (2019-20)

Sl. No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified thrust area
01	Golaghat	Golaghat West (Bokakhat)	Panbari, Napamua, Lakhipur, Belguri, Durgapur, Rajabari, Japoripothar, Ragdia, Mohmaiki, Nepalikhuti, Ahom Gaon, Jyotipur, Leblebi,	Rice, fishery, vegetables, rapeseed, boro paddy, Pulses	Injudicious and imbalanced use of chemicals, Under nutrition; food, fad and fallacy	Organic farming, Improved variety, Nutrient management

02		Morongi	Badulipar, Borgoria, Ponka, Kordoiguri, Morongi, Doigrung, Numaligarh, Borchapori, 3 No. Koibarta, Jathipotia, Mithaam chapori	Rice, vegetables, piggery, dairy, mushroom, pulses	<ul style="list-style-type: none"> i. Low productivity ii. Poor post harvest management iii. Lack of market infrastructure iv. Lack of storage facilities v. Low level of farm mechanization vi. Non availability of women friendly farm tools & equipments vii. Occasional occurrence of flood and drought like situations 	<ul style="list-style-type: none"> 1. Widespread promotion of recommended technologies of crops, livestock enterprises 2. Introduction of suitable high yielding/improved varieties/breeds 3. Promoting quality seed/planting material production technology 4. Encouraging farm mechanization 5. Popularization of tools and implements for drudgery reduction of farm women 6. Evaluation, popularization and skill upgradation of IPM and INM technologies for different crops 7. Exploring and facilitating market linkages 8. Integrated farming system approach 9. Agro-based micro and small-scale women run enterprises 10. To create awareness on developing entrepreneurships in agriculture and allied sector 11. Entrepreneurship development among rural youth 12. Capacity building of community based groups and organizations for the socio-economic empowerment of the rural people
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03		Golaghat Central (Kothalguri)	Norakonwar, Butoleykhowa, Khumtai, Thengalgaon, Bongaon, Chinnatali, Melamora, Maukhua, Furkating, Jamuguri, Bengenakhuwa, Erengapara, Mudoigaon, Buralikson, Bohupathar, bonbagisha, Kamar Gaon, Kakoti Gaon, Gosai bari, Bholaguri , Likson Bahupathar, Thengal Gaon	Rice, Rapeseed, vegetables, fishery, poultry	Low productivity; Under nutrition; food, fad and fallacy	Rice cum fish culture, Improved crop management, Improved variety, Nutrient management
04		Kakodunga	Baruabamungaon, Chital pathar, Kachubariagaon	Rice, vegetables, tea	Low productivity	Crop management, Improved variety, Nutrient management
05		Golaghat North (Dergaon)	Na-bhanga, Sawguri, Dighalipam, Lesapathar, Kuraliguri, Dergaon	Rice, Rapeseed, vegetables, fishery, poultry, dairy	Bacterial wilt of tomato, Late blight of potato, low productivity of crop	Integrated Pest Management, Improved variety, Nutrient management
06		Golaghat East (Padumani)	Kamarbandha, Bokolai, Nagaon, Athkheia, Oating, Garigaon, Pulibor	Rice, Rapeseed, Dairy	Under nutrition; food, fad and fallacy	Crop improvement, Food and nutrition
07		Gamariguri	Merapani, Gamari, Chaudang gaon, Pulibari	Rice, Home science,	Under nutrition; food, fad and fallacy	Crop improvement, Food and nutrition

08		Golaghat South (Sarupathar)	Barbali, Gelabeel, Borpathar, Ahom Gaon , Gandhkoroi	Rice, Rapeseed, vegetables, fishery	Low productivity	Crop improvement, Integrated Pest Management
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3. TECHNICAL ACHIEVEMENTS

3. A. Details of target and achievements of mandatory activities by KVK during 2019-20

Discipline	OFT (Technology Assessment and Refinement)				FLD (Oilseeds, Pulses, Maize, Other Crops/Enterprises)			
	Number of OFTs		Number of Farmers		Number of FLDs		Number of Farmers	
	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Agronomy	3	3	13	13				
Horticulture	4	4	8	8				
Soil Science	2	2	10	10				
Plant Protection	4	4	8	8				
Animal Science	2	2	14	14				
Home Science	3	3	13	13				
Total	18	18	66	66				

Note: Target set during last Annual Zonal Workshop

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)					Extension Activities			
3					4			
Number of Courses			Number of Participants		Number of activities		Number of participants	
Clientele	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Farmers								
Rural youth								
Extn. Functionaries								
Total								
Seed Production (ton.)					Planting material (Nos. in lakh)			
5					6			
Target		Achievement			Target		Achievement	
Ranjit, Gitesh, Kola joha, TTB 404, Keteki joha, Konee joha, Manipuri chaho		1.659			Black pepper var. Paniur I		0.02689	

Toria var. TS 67	1.8	Lemon Var. Assam Lemon	0.00904
		Guava var. L-69	0.00075

Note: Target set during last Annual Zonal Workshop

2. B. Abstract of interventions undertaken during 2019-20

Sl. No	Thrust area	Crop/ Enterprise	Identified problems	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
1	Varietal Evaluation	Rice	Lack of suitable submergence tolerant variety		Popularization of submergence tolerance paddy variety Swarna sub				Seeds, Fertilizer and other critical inputs
			Lack of suitable high yielding <i>Salirice</i> variety	Assessment of high yielding <i>Salirice</i> variety Numoli	Performance of Bayer's Paddy Hybrid				Seeds, Fertilizer and other critical inputs
			Lack of suitable short duration paddy variety in post flood situation		Popularization of short duration paddy variety Disang suitable for post flood situation				Seeds, Fertilizer and other critical inputs

		Summer rice	Lack of suitable short duration summer paddy variety		Popularization of Short duration Paddy variety during <i>Ahu</i> season				Seeds, Fertilizer and other critical inputs
			Non availability of suitable fine grain sali paddy varieties		Assessment of Sali rice var. "Tripura Chikon Dhan" under rice based cropping system followed by Toria				Seeds, Fertilizer and other critical inputs
		Black gram	Low yield of traditional varieties	Cultivation of promising Black Gram					Seeds, Fertilizer and other critical inputs
			Lack of proper weed management	Weed Management in <i>Kharif</i> Black gram and Green Gram					Seeds, Fertilizer and other critical inputs
		Toria	Low yield of traditional varieties		Scientific Cultivation of Toria:: HYV "TS 67" (under NRL CSR programme)				Seeds, Fertilizer and other critical inputs

					Scientific Cultivation of Toria:: HYV "TS 46 (under APART)				Seeds, Fertilizer and other critical inputs
		Onion		Performance of Onion <i>Var.</i> Arka Ujjwal in Golaghat District					Seeds, Fertilizer and other critical inputs
		French Bean		Performance of French Bean (NSC French) in Golaghat District					Seeds, Fertilizer and other critical inputs
		Niger		On farm trial on Niger					Seeds, Fertilizer and other critical inputs
	Integrated Pest and Disease management	Blackgram		Monitoring of pest and diseases in black gram variety SB 42-8					Seeds, Fertilizer and other critical inputs
2	Integrated crop management	Sesamum			Demonstration of seasmum var. Bohuwabheti local under CFLD				Seeds, Fertilizer and other critical inputs

		Toria			Popularization of Toria var. TS- 67				Seeds, Fertilizer and other critical inputs
		Mustard			Large scale demonstration programme on mustard Variety : NRCHB 101				Seeds, Fertilizer and other critical inputs
		Blackgram			Demonstration On Scientific cultivation of Blackgram var. PU 31 under CFLD				Seeds, Fertilizer and other critical inputs
		Pea			Popularization of hybrid pea variety Arka Arkel				Seeds, Fertilizer and other critical inputs
		Lentil			Demonstration On Scientific cultivation of Lentil var. KLS -218under CFLD				Seeds, Fertilizer and other critical inputs
		Papaya			Popularization of Papaya var. Red Lady				Planting material, fertilizer

		Papaya			Popularization of Papaya var. Sapna				Planting material, fertilizer
		Black Pepper			Popularization of Intercropping of Black Pepper in Tea				Planting material, fertilizer
		Litchi			Establishment of Litchi Village Variety: Tezpur Seedless				Planting material, fertilizer
		Potato			Popularization of potato varieties KufriJyoti and KufriBahar				Planting material, fertilizer
3	Breed introduction	Poultry	Lack of knowledge about Quail farming		Popularization of Quail Breed of Poultry				Chicks, poultry house
			Lack of knowledge about new breed of poultry for income generation		Popularization of dual purpose Vanaraja poultry under agroclimatic condition of Golaghat district				Chicks, poultry house

			Lack of knowledge about new breed for income generation	Introduction of Rainbow Rooster Breed of Poultry					Chicks, poultry house
	Breed upgradation			Breed upgradation of local goats by crossing with Beetal Buck					
4	Integrated Nutrient Management	Banana	Lack of proper nutrient management and non utilization of farm waste by farmers	Stage wise requirement of N and K in banana var. AmritSagar					Seedling,PSB, Azospirillum, Chemical Fertilizer
		Rice	Lack of proper nutrient management by farmers	Response of Rice to Zn Solubilizing Bacteria for Zn Nutrition					Seed, Organic inputs
			Lack of proper nutrient management by farmers	Effect of Zinc and Boron Application on Yield of Rice – Rapeseed Sequence. Rice: Ranjit Torla: TS-67					Seed, critical inputs

5	Integrated Disease Management	Tomato	Regular occurring diseases: 1. Bacterial wilt(BW) 2. Tomato leaf curl virus(ToLCV) 3. Late blight (LB) which causes considerable yield loss to the crop. Resistant tomato varieties to these diseases are not available and farmers are not aware of it.	Performance of triple disease resistant tomato varieties in Golaghat district					Seed, chemical fertilizer, tricho card
6	Bio control	Rice	Chemical management of stem borer and leaf folder is not satisfactory and cost intensive		Biocontrol of rice stem borer and leaf folder in Sali rice				Seed, vermicompost, tricho card
		Sesamum				Production technology and bio control of pest in sesamum			
		Oilseed and Pulse				Bio control of pest in oilseed and pulses			

		Vegetables				Bio control of pest in Rabi vegetables			
7	Organic	Vermicompost			Low cost Vermi compost production				Vermiworm
		Cabbage			Cultivation of cabbage by using Organic source of Nutrient				
8	Mushroom Production	Mushroom	Lack of high temperature resistant mushroom variety		Year round production of oyster mushroom Variety – German Ostreatus Blue Pin (Can withstand upto 40 ⁰ C)	Entrepreneurship development through mushroom production technology			Mushroom spawn , Polypropylene bag
9	Apiculture			Effect of honey bee, <i>Apis cerana</i> pollination on the yield of Coriander	Introduction of honey bees in <i>toria</i> cultivation				
10	Drudgery reduction	Paddy stripper	Health hazard of farm women in seed selection		Evaluation and utilization of paddy stripper				Paddy stripper
		Protective Clothing	Health hazards of women while performing agricultural operations	Effectiveness and utilization of protective clothing for tea pluckers					Protective Clothing

		Bamboo ladle	Health hazards of women while performing agricultural operations	Effectiveness of bamboo ladle for parboiling of rice					Bamboo ladle
11	Nutritional care				Establishment of Nutrition Garden				Planting materials and critical inputs
12	Value addition	Okra	Non utilization of Bio -waste		Effectiveness and utilization of bhindi (Okra) fiber				
13	Integrated Farming System				Three Tire Fishery Based IFS Unit Integration of: Fishery, Piggery, Poultry and Horticulture				IFS model

3.1 Achievements on technologies assessed and refined during 2019-20

A.1 Abstract of the number of technologies **assessed*** in respect of crops/enterprises

Thematic areas	Cereals	Oilseeds	Pu lse s	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Varietal Evaluation	1	1	1		2					5
Seed / Plant production										
Weed Management			1							1

Integrated Crop Management										
Integrated Nutrient Management	2					1				3
Integrated Farming System										
Mushroom cultivation										
Drudgery reduction	1			2						3
Farm machineries										
Value addition										
Integrated Pest Management			1			1				2
Integrated Disease Management						1				1
Resource conservation technology										
Small Scale income generating enterprises										
Organic farming						1				1
TOTAL	4	1	3	2	5	1				16

* Any new technology, which may offer solution to a location specific problem but not tested earlier in a given micro farming situation.

A.2. Abstract of the number of technologies **refined*** in respect of crops/enterprises : Nil

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Varietal Evaluation										
Seed / Plant production										
Weed Management										
Integrated Crop Management										
Integrated Nutrient Management										

Integrated Farming System										
Mushroom cultivation										
Drudgery reduction										
Farm machineries										
Post Harvest Technology										
Integrated Pest Management										
Integrated Disease Management										
Resource conservation technology										
Small Scale income generating enterprises										
TOTAL										

* *Technology that is refined in collaboration with ICAR/SAU Scientists for improving its effectiveness.*

A.3. Abstract of the number of technologies **assessed** in respect of livestock / enterprises

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Rabbitery	Fisheries	TOTAL
Evaluation of Breeds		1						1
Nutrition Management								
Disease Management								
Value Addition								
Production and Management				1				1
Feed and Fodder								
Small Scale income generating enterprises								
TOTAL		1		1				2

A.4. Abstract on the number of technologies **refined** in respect of livestock / enterprises : Nil

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Rabbitery	Fisheries	TOTAL
Evaluation of Breeds								
Nutrition Management								
Disease of Management								
Value Addition								
Production and Management								
Feed and Fodder								
Small Scale income generating enterprises								
TOTAL								

A.5. Results of On Farm Testing

Sl. No.	Title of OFT	Problem Diagnosed	Name of Technology Assessed	Crop/ Cropping system/ Enterprise	No. of Trials	Results of Assessment/ Refined (Data on the parameter should be provided)	Feedback from the farmer	Feedback to the Researcher	B.C .Ratio (if applicable)
1	Assessment of high yielding <i>Sali</i> rice variety Numoli	Lackof new high yielding salirice variety	T ₁ : High yielding medium duration variety (Numoli)+60:20 :40 kg (N:P:K) per ha T ₂ : Farmer's practice (Var. TTB -404)	Rice	5	Yield: Technology:: 5.63 t/ha Farmer's practice: 4.6 t/ha Net return: Technology:: 63644.50 Farmer's practice: 35140.00 Duration: Technology: 133 days Farmer's practice: 140 days	Farmers are satisfied	Can be promoted for large scale adoption	Technology: 2.65 Farmer's practice: 2.00
2	Weed Management in <i>Kharif</i> Black gram and Green Gram	Lack of weed management practices	T ₁ :Black gram variety SBC-40, Green Gram variety: IPM 02 -3 +RDF (15:35:10NPK kg/ha), + Quizalofop – ethyl 5% EC (Quizalofop – ethyl <i>a.i.</i> 5.0% w/w T ₂ : Farmer's	Black gram	5	Yield: (From farmers field) Technology:: Black Gram (BG): 5.2 q/ha Green Gram (GG): 4.72 q/ha Farmer's practice: Black Gram (BG):3.85 q/ha Green Gram (GG): 3.59 q/ha Net return:: Technology:: BG:11280.00 GG: 8544.00 Farmer's practice:: BG: 4000.00 GG: 2700.00 (Affected by flood) Av. Plant height::	Farmers are satisfied	Technology can be adopted	Technology:: Black Gram (BG): 1.61 Green Gram (GG): 1.46 Farmer's practice: Black Gram (BG): 1.26 Green Gram (GG): 1.2

			practice			BG: 46.67 cm GG: 65 cm Av. Pod per plant:: BG: 91 GG:81.66 Av. Pod length:: BG: 4.42 cm GG:5.03 cm Seeds/pod:: BG: 6.33 GG:7.33 Test wt:: BG: 35g GG: 32g			
3	Cultivation of promising Black Gram	Lack of medium duration high yielding variety	Black Gram variety (Demo): SBC-50+ RDF (15:35:10NPK kg/ha), Black Gram variety (Check):SBC-47+RDF (15:35:10NPK kg/ha),	Black Gram	3	Yield: Demo::SBC-50: 6.2 q/ha Check::SBC-47: 5.74 q/ha Net return:: Demo:: SBC-50: 18360.00 Check:: SBC-47: 18360.00 (Affected by flood) Days to 50% flowering:: Demo::SBC-50: 40 days Check::SBC-47: 37 days Av. Plant height:: Demo::SBC-50: 75 cm Check::SBC-47: 66 cm Av. Pod per plant:: Demo::SBC-50: 90.5 Check::SBC-47: 75.82	Farmers are satisfied	Technology can be adopted	Demo::SBC-50: 1.92 Check::SBC-47: 1.78
4	Stage wise requirement of N and K in Banana var. Amrit sagar	Lack of proper nutrient management	Technology :12 kg FYM/Plant ,55 g N,33gP2O5 and 330 g K2O per plant and 25 g each of Azospirillum and PSB per plant Var.: Amrit	Banana	1	Ongoing Crop is in bunch formation stage	-	-	NA

			sagar suckers FP: Conventional						
5	Cultivation of cabbage by using Organic source of Nutrient	Injudicious use of chemical fertilizer in vegetables	Azotabacter and PSB @ 7.5 g per 100 gm seed Vermicompost @ 5 tonne per Ha Rock Phosphate @ 375 kg per Ha	cabbage	1	Yield: Demo::226.27 q/ha Check::209.23 q/ha Net return:: Demo:: 144191.00 Check:: 89704.00	Farmers are satisfied	Technology can be adopted	Demo::2.75 Check::2.15
6	Performance of Onion Var. Arka Ujjwal in Golaghat District	Lack of high yielding improved variety	Onion Var. Arka Ujjwal Seed rate : 10-12 kg /ha (for transplanting) Last week of September – mid October Fertilizer Application: FYM @ 20 tonne, N 60 kg, P ₂ O ₅ 50 kg and K ₂ O 50 kg/ha	Onion	2				
7	Performance of French Bean (NSC French) in Golaghat District	Lack of high yielding improved variety	Seed Rate : 50kg/ha Fertilizer dose : FYM @ 20t, N:P:K ::30:40:20kg/ha Var.: NSC French Spacing : 45cm x	French bean	4	Yield: Demo::226.27 q/ha Check::209.23 q/ha Net return:: Demo:: 144191.00 Check:: 89704.00	Farmers are happy with the variety NSC French.	The yield of the variety is found to be high as compared with the local	Demo::226.27 q/ha Check::209.23 q/ha

			30cm Season: Kharif, 2018-19 Total Area under OFT : 3.94Ha (30 bigha)					variety. The produce are sold at good demand in the market. No major pest and disease was found in the crop.	
8	Use of Zn solubilizing bacteria for Zn Nutrition of rice followed by Torja	Improper nutrient management in organic means by farmers	Technology:T1: RD of NPK @ 40:20:20 kg/ha + Zn solubilizing Bacteria(Bacillus cereus, B. variocola)(3.5 kg/ha) T2: RD of NPK @ 40:20:20 kg/ha + ZnSO4 @ 25kg/ha RiceVariety : Kola Joha	Rice	5	Yield: Demo:23.50 q/ha Check: 21.68 q/ha Net return: Demo:55460.00 Check: 52860.00	The technolo gy convinced the farmers as it is suitable and profitabl e and encoura ged them for economi cal as well as environ mentally safe	Can be promoted for large scale adoption	Demo:2.6 Check: 2.4

9	Effect of combined application of Zn & Boron on Rice-Rapeseed sequence	Lack of proper nutrient management by farmers.	Rice var. Ranjit	Toria var. TS 67	Rice, Toria	5	Paddy Yield: T1:43 q/ha T2: 50.4 q/ha T3: 51.19 q/ha Toria : Yield: T1: 9.66 q/ha T2: 10.36 q/ha T3: 11.35 q/ha Paddy equivalent yield: T1: 66.18 q/ha T2: 75.264 q/ha T3: 78.34 q/ha Net return Paddy equivalent yield (Rs./ha): T1:73414.00 T2: 89304.00 T3:94687.00	Farmers accept the technology in terms of yield and economically beneficial	Technology can be promoted for large scale adoption	T1:1.73 T2: 2.11 T3: 2.23
			T1: FP	T1: FP						
			T2: RD of NPK:: 60:20:40	T2: RD of NPK						
			T3: 1.5 kg B/ha + 5 kg Zn/ha + RD of NPK	T3: RD of NPK						
10	Monitoring of pest and diseases in New Black gram Variety SB 42-8	Black gram	T ₁ : SB 42-8 T ₂ : SB 27-3(Beki)			1	Yield : T ₁ : 6.52 q/ha T ₂ : 6.5 q/ha No major pest and disease was recorded. Only 0.002% infestation of Epilachna beetle was observed.	Farmers are satisfied	No major pest and disease was recorded. Only 0.002% infestation of Epilachna beetle	T ₁ : 2.362 T ₂ : 2.36
11	Performance of triple disease resistant tomato varieties in Golaghat district	Regular occurring diseases: 1.Bacterial wilt(BW)	T1 : Arka Rakshak T2 : ArkaAbhed T3:Farmer's practice (var.	Toma to		5	Yield : T1 : Arka Rakshak: 482q/ha T2 : ArkaAbhed : 481 q /ha T3: Farmer's practice (var. Anup) : 475 q/ha	Farmers accept the technology and	Less market price due to dull fruit	T1 : 4.26 T2 : 4.25 T3 : 4.20

		2. Tomato leaf curl virus(ToLCV) 3. Late blight (LB) which causes considerable yield loss to the crop. Resistant tomato varieties to these diseases are not available and farmers are not aware of it.	Anup			Pest/ disease incidence : T1 :0.02% incidence of late blight T3. and 0.01 % incidence of early blight in case of No infestation of Late Blight , Bacterial wilt and Tomato leaf curl virus was observed in case of T2 .	satisfied in terms of yield and disease and pest resistance	colour of Arka Rakshak and Arka Abhed compared to farmers' variety Anup	
12	On farm trial on Niger	Lake of knowledge about the crop	T1 : Variety : NB1 T2: Variety: NG1	Niger	1	T1 : 2.5 q/ha T2: 1.92q/ha	Farmer is happy		T1 : 2.4 T2: 1.94
13	Effect of honey bee, <i>Apis cerana</i> pollination on the yield of Coriander	Lack of awareness	T1 : 1 honey bee colony/bigha T2: Control	Coriander	1	T1 : 48 q/ha T2: 26 q/ha	Farmer is happy		T1 : 2.29 T2: 1.87

14	Effectiveness of ergonomically designed (new) tea plucking basket in tea plucking activity	Occupational health hazard of farm women in traditional tea plucking basket	Ergonomically designed tea plucking basket is developed by using anthropometric measurements of the worker to reduce physiological cost of plucking activity	Tea plucking basket	5	Reduces back pain, neck pain and shoulder pain, very comfortable to use. Leaf capacity: Tech-8 kg. Traditional: 5.5 kg with same weight of basket	Farm women are satisfied with the new technology		
14	Effectiveness of bamboo ladle for parboiling of rice.		Specifications of bamboo ladle: Weight-150g, Diameter-30cm, Circumference-94.2 cm, Length of the handle- 20 cm, Total length of the ladle:91 cm	Bamboo ladle	3	Farm women were Satisfied with the equipment as it is a. Easy to carry the parboiled paddy b. Reduces back ache c. Prevents burning of hands from steam and gives good grip. d. Performed the work more comfortably than the conventional method.	Farm women are very much satisfied with the new technology		
15	Effectiveness and utilization of protective clothing for tea pluckers		Protective clothing for tea pluckers 1. Apron As per the specification of Department of Family Resource Management, College of Community Science, AAU. 2018-19	Protective clothing	5	The provided protective clothing permits the plucker easy movement in between tea plants, it is of very light weight and comfortable to wear than the ordinary plastic material they usually wear. It will be more suitable if the back side is completely covered.	Farm women are satisfied	It will be more suitable if the back side is completely covered	

16	Introduction of Rainbow Roster Breed of Poultry	Lack of knowledge about dual purpose backyard poultry	Poultry breed : Rainbow Roster	Poultry	9 (15 nos.of birds/ farmer)	Av. age at 1 st lay: 168 days Egg: 18-22/bird/month Av. Wt of Egg: 64.82 g	Mortality : <10%		
						Average weight of poultry			
							Male	Female	
						1 Month	205 g	205 g	
						2 Month	280 g	265 g	
						3 Month	980 g	930 g	
						4 Month	1.4 kg	1.21 kg	
						5 Month	2.15 kg	2.06 kg	
						6 Month	2.43 kg	2.16 kg	
						7 Month	2.81 kg	2.95 kg	
						8 Month	3.05 kg	2.99 kg	
						8.5 Month	3.68 kg	3.15 kg	
						9.5 Months	3.72 kg	3.2 kg	
17	Breed upgradation of local goats by crossing with Beetal Buck	Low weight of local goats	Goat is called "Poor man's Cow" and plays an important role for rural livelihood in Assam. The people of Assam are keeping goat	Goat	5	Ongoing			

			<p>irrespective of their caste, creed, religion, education, economic background for meat production. The goat population is mainly dominated by local indigenous goat. Despite their lower productivity in terms of body weight gain, they are highly prolific in nature. Most of them produce twin, tripling, quadrupling kids and they produce kids twice in a year. Since a kid carries 50% characters from each of its parents, therefore, introduction of a buck with desirable economic characters viz. Beetal bucks in a herd replacing the economically undesirable local bucks and</p>			
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			<p>allowing them to mate with local females will produce F1 kids with 50% characters of Beetal breed. Repeating similar mating of F1 females again with Beetal bucks will produce F2 generation kid with total of 75% Beetal breed characters.</p>			
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Discipline: Agricultural Extension

Thematic area	Objective	Activity	No. of activity	Results (Data on the parameter should be provided)	Feedback from the farmer
Bench mark survey/ PRA	PRA/ Bench mark survey (for flagship programme)	PRA	1	<p>P RA was conducted at Bogoriyoni, Golaghat No. of participating farmers: 26 Conducted Village mapping, transact walk, mobility mapping, problem tree analysis and group discussion for identification and documentation of the problems of villagers on agriculture and allied sectors. Suggestions from the participants were documented for solving the problems related to agriculture and allied as well as increasing production and productivity in agricultural sector</p>	Villagers are satisfied with the participatory process for problem identification and solving the problem thereon.

<p>Impact study of assistance to farmers through “Custom Hiring Centres”</p>	<p>Impact study</p>	<p>Study was designed to assess the impact of the CHCs in terms of socio-economic benefits. The study is intended to assess the impact of the establishment of CHCs across Golaghat district with the objective to assess:</p> <ol style="list-style-type: none"> 1. demand and supply of the modern machineries to the farmers within the operational area of the CHCs 2. change in socio-economic status of the members after establishment of CHCs 3. change in land use pattern and crop intensity along with 	<p>1</p>	<p>Of the 60 respondents 41 % (Table 5) were found to be fully satisfied and delighted with the assistance. 31 % of the respondents were satisfied but not delighted because of their thought that machineries are not sufficient and management is not proper. Moreover, all the modern implements had already penetrated the village by some rich people on hiring basis, hence leaving very less opportunity for the entrepreneur. In Borgoria-Letekuchapori CHC, respondents expressed that the tractor is not suitable for their land type which is very compact and weed growth is very fast. Even though, hiring rate is less compared to other tractors hired from outside or inside village, the CHC tractor has to be used 2-3 times more for the same land to get fine land. This leads to more charge. If Tractor hired from outside is taken at Rs. 450/- per bigha for land preparation, CHC Tractor can be availed at Rs. 350/- per Bigha(rate varies). But CHC tractor has to be used for more time to get fine land, hence hiring charge increases from Rs.350/- to Rs.700/-, and sometimes even more. So, there is no change in expenditure. Hence, a tractor with more HP will serve their purpose. And for full mechanization, paddy transplanter and sprayer machines are also needed. In Ponka-Borchapori CHC, respondents expressed that the people are happy for the assistance, but one big tractor is not enough for two villages. Hence, sometimes its become difficult to the management to take decision for covering booked area for land preparation. Again, the implement shed is not completed till date. So machineries and implements are kept under sky since starting. This may lead to damage of machineries such as reaper and combine harvester etc. before use.</p> <table border="1" data-bbox="1108 1037 1758 1380"> <thead> <tr> <th>Category</th> <th>Options</th> <th>Total Nos. (%)</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Satisfaction from the assistance</td> <td>Satisfied and delighted</td> <td>41(68.33)</td> </tr> <tr> <td>Satisfied but not delighted</td> <td>19(31.67)</td> </tr> <tr> <td>Unsatisfied</td> <td>0(0.00)</td> </tr> <tr> <td>Availability of right</td> <td>Less</td> <td>51(85.00)</td> </tr> </tbody> </table>	Category	Options	Total Nos. (%)	Satisfaction from the assistance	Satisfied and delighted	41(68.33)	Satisfied but not delighted	19(31.67)	Unsatisfied	0(0.00)	Availability of right	Less	51(85.00)	<p>Farmers are satisfied plan and expressed their willingness to participate in agricultural activities related to doubling farmers' income</p>
Category	Options	Total Nos. (%)																
Satisfaction from the assistance	Satisfied and delighted	41(68.33)																
	Satisfied but not delighted	19(31.67)																
	Unsatisfied	0(0.00)																
Availability of right	Less	51(85.00)																

		the increase in production and productivity of the farmers field		<table border="1"> <tr> <td rowspan="2">farm implements</td> <td>Sufficient</td> <td>8(13.33)</td> </tr> <tr> <td>Unavailable</td> <td>1(1.67)</td> </tr> <tr> <td rowspan="2">Availability in right season</td> <td>Yes</td> <td>49(81.67)</td> </tr> <tr> <td>No</td> <td>11(18.33)</td> </tr> </table>	farm implements	Sufficient	8(13.33)	Unavailable	1(1.67)	Availability in right season	Yes	49(81.67)	No	11(18.33)	
farm implements	Sufficient	8(13.33)													
	Unavailable	1(1.67)													
Availability in right season	Yes	49(81.67)													
	No	11(18.33)													

3.2 Achievements of Frontline Demonstrations during 2019-20

a. Follow-up for results of FLDs implemented during previous years

List of technologies demonstrated during previous year and popularized during 2018-19 and recommended for large scale adoption in the district

Sl. No	Crop/ Enterprise	Technology demonstrated	Horizontal spread of technology		
			No. of villages	No. of farmers	Area in ha
1	Paddy	Var. Ranjit sub-1	125	>1000	>2500
2	Toria	Var.,TS-67	50	>800	>1000
3	Sesamum	Var. Bohuwabheti local	29	>160	>136
4	Blackgram	Var. PU-31	15	>125	>120 ha
5	Lentil	KLS-218	12	80	102

* *Thematic areas as given in Table 3.1 (A1 and A2)*

- b. Details of FLDs conducted during reporting period (Information is to be furnished in the following **three tables** for **each category** i.e. **cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.**)

FLD on Cereals:

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement	Farming situation (Rainfed/ Irrigated, Soil type, altitude, etc)	Status of soil (Kg/ha)		
					Proposed	Actual	SC/ST	Others	Total			N	P	K
1.	Kharif Rice	Varietal evaluation	Scientific Cultivation of promising Sali Rice Variety "Tripura ChikanDhan" Sali Rice Variety "Tripura ChikanDhan" +RDF Farmers' practice:Paijung	Kharif 2019-20	3	3	5	7	12	NA	Rainfed	428.6	26.34	238.7
2	Kharif Rice	Varietal evaluation	Popularization of short duration paddy variety Disang suitable for post flood situation Technology: paddy var. Disang + RDF Farmers' practice: Luit + RDF	Kharif 2019-20	1	1	5	0	5	NA	Rainfed	428.6	25.42	240.8
3	Kharif Rice	Varietal evaluation	Performance of Bayer's Paddy Hybrid Technology: Hybrid paddy var. "Arize 6444 Gold"+RDF Farmers' practice: TTB-404	Kharif 2019-20	0.195	0.195	0	1	1	NA	Rainfed	426.78	31.62	158.67

4	Kharif Rice	Varietal evaluation	Popularization of submergence tolerance paddy variety Swarna sub 1 Technology: paddy var. Swarna sub-1 + RDF Farmers' practice: Ranjit sub 1	Kharif 2019-20	1	1	4	5	9	NA	Rainfed	418.53	24.92	249.61
5	Kharif Rice	Soil health Management	Popularization technique of micronutrients application to sustain productivity in Sali rice in high intensity cropping areas followed by late sown variety of toria Technology: Sali Rice Variety: Ranjit sub 1+RDF, Toria variety: TS-67 Farmers practice: Ranjit	Kharif 2019-20		9	1	5	6	NA	Rainfed	416.54	34.78	234.75
6	Kharif Rice	Biological control (Insect/pest/weeds etc)	Biocontrol of stem borer and leaf folder in Sali rice var. Ranjit sub-1 Six releases of <i>Trichogrammajaponicum</i> @ 50,000/ha/week, use of pheromone trap, use of neem based pesticide @ 5 ml/lit, bird perch etc. Farmers Practice: Conventional	Kharif 2019-20	2	2	0	10	10	NA	Rainfed Cfld lentil17-18	418.54	38.78	244.97

Performance on FLD on Cereals:

Sl. No.	Crop	Thematic area	Area (ha.)	Avg. yield (Q/ha.)		% increase in Avg. yield	Additional data on demo. yield (Q/ha.)		Data on parameters other than yield, e.g., disease incidence, pest incidence etc.		Econ. of demo. (Rs./ha.)				Econ. of check (Rs./Ha.)			
				Demo.	Check		H*	L*			GC**	GR**	NR**	BCR**	G C	G R	NR	B C R
				Demo	Local													
1.	Kharif Rice	Varietal evaluation	3 ha	42	38	10.53	44	40	Plant height: 110 cm Panicle length: 22.6 cm (Av.) No. of effective tillers/hill : 17 Test wt. 17g	Plant height: 119 cm Panicle length: 23 cm (Av.) No. of effective tillers/hill: 14 Test wt. 21 g	33860	76230	43277.5	2.3	28400	57000	28600	2

2	Kharif Rice	Varietal evaluation	1 ha	35	33	6.06	37	33	Plant height: 98 cm No. of tillers /hill: 12 Panicle length: 21.83 cm Duration : 104 days	Plant height: 95 cm No. of tillers /hill: 11 Panicle length: 21 cm Duration: 104 days	30860	63525	32665	2.1	30860	61347	30487	1.9
3	Kharif Rice	Varietal evaluation	0.195 ha	58	46.85	23.80			Plant height: 109 cm No. of tillers /hill: 23 Panicle length: 24.8 cm No. of grain /panicle: 325 Duration : 132 days	Plant height: 118.3 cm No. of tillers /hill: 11.7 Panicle length: 23	41080	105270	64190	2.6	33860	70275	36415	2.1

									cm No. of grain /panicle: 232 Duration: 140 days									
4	Kharif Rice	Varietal evaluation	1 ha	56.4	53					38540	102366	63826	2.7	33860	79500	45640	2.3	
5	Kharif Rice-Oilseed	Soil health Managemement	3	53	48	10.42		-	-			Paddy : 58904.00 Toria: 29076.00	Paddy: 2.5 Toria : 2.24			Paddy : 38140.00 Toria: 25920.00	Paddy: 2.1 Toria : 1.9	
6	Kharif Rice	Biological control (Insect/pest / weeds etc)	2	54	50			% disease & pest incidence :0.002 % incidence of stem borer, 0.01% infestation by rice hispa and cut		36700	98010	61310	2.67	36175	90750	54575	2.51	

									worm and 0.01% infection of leaf blast. Though crop suffers drought during panicle initiation stage, it did not hamper in yield										
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SI.No.	Activity	No. of activities organised	Date	Number of participants			Remarks
				Gen	SC/ST	Total	
1	Field days						

2	Farmers Training						
3	Media coverage						
4	Training for extension functionaries						
5	Any other (Pl. specify)						
	Total		8		43	165	208

FLD on Oilseed:

Sl. No	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement	Farming situation (Rainfed/ Irrigated, Soil type, altitude, etc)	Status of soil (Kg/ha)		
					Proposed	Actual	SC/ST	Others	Total			N	P	K
1	Sesamum	Integrated Crop Management	Demonstration of sesamum var. Bohuwabheti local under	Kharif 2019-20	10	10	5	20	25	NA	Rainfed	302.54	25.76	134.78

			CFLD											
2	Toria	Integrated Crop Management	Popularization of Toria var. TS- 67(UNDER KRISHIKARMA)	Rabi 2019 -20	114	114	47	96	143	NA	Rainfed	238.54	23.76	136.78
3	Toria	Integrated Crop Management	Popularization of Toria var. TS- 67(UNDER PKVY)	Rabi 2019 -20	20	20	0	11	11	NA	Rainfed	238.23	21.76	134.78
4	Mustard	Integrated Crop Management (ICM)	Large scale demonstration programme on mustard Technology:Seed rate: 6 kg/ha Variety : NRCHB 101 Time of sowing : Mid October to Mid November Fertilizer dose: Urea 87 kg/ha SSP 220 kg/ha MOP 25 kg/ha Vermicompost: 1 t/ha	Rabi 2019 -20	25	25	18	11	29	NA	Rainfed	342.3	24.21	276.72

Performance of FLD:

Sl. No.	Crop	Thematic area	Area (ha.)	Avg. yield (Q/ha.)		% increase in Avg. yield	Additional data on demo. yield (Q/ha.)		Data on parameters other than yield, e.g., disease incidence, pest incidence etc.	Econ. of demo. (Rs./ha.)				Econ. of check (Rs./Ha.)				
				Demo.	Check		H*	L*		GC*	GR*	NR**	BCR**	GC	GR	NR	BCR	
																		Demo
1	Sesamum	Integrated Crop Management (ICM) (under CFLD programme)	10	4.4	3.2	27.3	4.57	4.23			18845	39600	20755	2.1	15285	28800	13515	1.9
2	Toria	Integrated Crop Management (ICM) (UNDER KRISHIKAR MA)	114	11.25	7.89	42.59					27500	49770	22270	1.8	25750	29213	7015.23	1.32
3	Toria	Integrated Crop Management (ICM) (UNDER PKVY)	20	12.49	7.89	58.30					31641	49770	22270	1.75	25750	29213	7015.23	1.32
4	Mustard	Integrated Crop Management (ICM)	25	12.5	9	38.89			Plant height: 110-115 cm No. of primary branch: 3 (Av.)		29525	44867.87	19415.29	1.76	25750	29213	7015.23	1.32

									No. of secondary branch: 6 (Av.) Siliqua/Plant: 282 (Av.) Seed/siliqua: 18(Av.) Siliqua length: 4.8 cm(av.) Duration: 105-110 days										
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Sl.No.	Activity	No. of activities organized	Date	Number of participants			Remarks
				Gen	SC/ST	Total	
1	Field days						
2	Farmers Training						
3	Media coverage						
4	Training for extension functionaries						
5	Any other (Pl. specify)						

	Total								
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FLD on Pulses:

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement	Farming situation (Rainfed/Irrigated, Soil type, altitude, etc)	Status of soil (Kg/ha)		
					Proposed	Actual	SC/ST	Others	Total			N	P	K
1	Blackgram	Integrated crop management	Demonstration On Scientific cultivation of Blackgram var. SB 27-3 (Beki) under CFLD	Kharif 2019-20	30	30	22	53	75	NA	Rainfed			
2	Pea	Integrated crop management	Popularization of hybrid pea variety ArkaArkel Technology: Seed rate : 50 kg/ha Variety : Arkaarkel Time of sowing : Mid October Fertilizer dose: Urea 45 kg/ha SSP 287 kg/ha Vermicompost: 4 t/ha	Rabi 2019-20	3.9	3.9	12	18	30	NA	Rainfed			
3	Lentil	Integrated crop management	Demonstration On Scientific cultivation of Lentil var. KLS -218 under CFLD	Rabi 2019-20	10	10	5	20	25	NA	<i>Rainfed</i>			

Performance of FLD:

Sl. No.	Crop	Thematic area	Area (ha.)	Avg. yield (Q/ha.)		% increase in Avg. yield	Additional data on demo. yield (Q/ha.)		Data on parameters other than yield, e.g., disease incidence, pest incidence etc.		Econ. of demo. (Rs./ha.)				Econ. of check (Rs./Ha.)			
				Demo.	Check		H*	L*			GC**	GR**	NR**	BCR**	GC	GR	NR	BCR
								Demo	Local									
1	Black gram	Integrated crop management	30	6.5	6.2	4.84	6.7	6.3	-	-	15700	24400	8700	1.66	13700	17500	3800	1.28
2	Pea	Integrated crop management	3.9	56.78	33.16	71.23					34918	19645	78642	3.25	26675	63320	19645	2.49
3	Lentil	Integrated crop management	10	7.3	5	46	7.9	6.7	-	-	14210	32667.5	18457.5	2.3	14210	22375	8165	1.57

Extension and Training activities under FLD on Crops

Sl.No.	Activity	No. of activities organised	Date	Number of participants			Remarks
				Gen	SC/ST	Total	
1	Field days						
2	Farmers Training						
3	Media coverage						

4	Training for extension functionaries							
5	Any other (Pl. specify)							
	Total							

Horticultural Crops:

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement	Farming situation (Rainfed/ Irrigated, Soil type, altitude, etc)	Status of soil (Kg/ha)		
					Proposed	Actual	SC/ST	Others	Total			N	P	K
1	Papaya	Integrated Crop management	Popularization of Papaya var. Red Lady	2019-20	0.03	0.03	0	2	2	NA	Rainfed	378.6	27.8	265.1
1	Papaya	Integrated Crop management	Popularization of Papaya var. Sapna	2019-20	0.03	0.03	0	2	2	NA	Rainfed	378.6	27.8	265.1

3	Black Pepper	Integrated Crop management	Popularization of Intercropping of Black Pepper in Tea	2019-20	0.4	0.4	0	3	3	NA	Rainfed	372.6	27.4	263.5
4	Litchi	Integrated Crop management	Establishment of Litchi Village Variety: Tezpur Seedless Sowing time: October to Mid November Seed rate: 10 kg/ha Fertilizer: Vermicompost @1t/Ha Total Villages Included: 6 No of Farmers included in the Programme: 400	2019-20	-	-	-	-	40	NA	Rainfed			

				2019 -20															
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c. Performance of FLD on Horticultural Crops

Sl. No.	Crop	Thematic area	Area (ha.)	Avg. yield (Q/ha.)		% increase in Avg. yield	Additional data on demo. yield (Q/ha.)		Data on parameters other than yield, e.g., disease incidence, pest incidence etc.	Econ. of demo. (Rs./ha.)				Econ. of check (Rs./Ha.)				
				Demo.	Check		H*	L*		GC**	GR**	NR**	BCR**	GC	GR	NR	BCR	
																		Demo
1	Papaya	Integrated Crop management	0.03	1050	600.9	75.79			Size of fruit: Length : 38.01 cm Breadth: 26.41	Size of fruit: Length : 26.14 cm Breadth: 29.83	198751	105000	851249	5.28	109672	480720	371048	4.38
2	Papaya	Integrated Crop management	0.03	Ongoing														
3	Black Pepper	Integrated Crop management	0.4	Ongoing														

4	Litchi	Integrated Crop management	-	Ongoing
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*H-Highest recorded yield, L- Lowest recorded yield

** GC- Gross Cost, GR- Gross Return, NR- Net Return, BCR- Benefit-Cost Ratio

Produce Sale Price must be as per MSP or Registered Marketing Society

Pl. apply the formula: Net Return= Gross Return-Gross Cost, BCR= GR/GC

Note: Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

d. Extension and Training activities under FLD on Horticultural crops

Sl.No.	Activity	No. of activities organised	Date	Number of participants			Remarks
				Gen	SC/ST	Total	
1	Field days	0					
2	Farmers Training						
3	Media coverage						
4	Training for extension functionaries						
5	Any other (Pl. specify)						
	Total	0					

Tuber Crops:

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement	Farming situation (Rainfed/ Irrigated, Soil type, altitude, etc)	Status of soil (Kg/ha)		
					Proposed	Actual	SC/ST	Others	Total			N	P	K
1	Potato	Integrated crop management	Popularization of potato varieties KufriJyoti and KufriBahar Technology: Seed rate : 22.5-25 q/ha Variety : KufriJyoti, KufriBahar Time of sowing :Mid Oct - Mid Nov Fertilizer dose: Urea 133 kg/ha SSP 312 kg/ha MOP 83 kg/ha	Rabi 19-20	20	20	130	307	437	NA	Raifed			

c. Performance of FLD on Tuber Crops

Sl. No.	Crop	Thematic area	Area (ha.)	Avg. yield (Q/ha.)		% increase in Avg. yield	Additional data on demo. yield (Q/ha.)		Data on parameters other than yield, e.g., disease incidence, pest incidence etc.	Econ. of demo. (Rs./ha.)				Econ. of check (Rs./Ha.)			
				Demo.	Check		H*	L*		GC**	GR**	NR**	BCR**	GC	GR	NR	BCR
							Demo	Local									
1	Potato	Integrated Crop management	20	Potato var. Kufri Jyoti: 113.15 Potato var. Kufri Bahar : 125.63	69.57	Potato var. Kufri Jyoti: 38.50 Potato var. Kufri Bahar : 44.62				Potato var. Kufri Jyoti: 65200 Potato var. Kufri Bahar : 65200	Potato var. Kufri Jyoti: 169725 Potato var. Kufri Bahar : 188445	Potato var. Kufri Jyoti: 104525 Potato var. Kufri Bahar : 123245	Potato var. Kufri Jyoti: 2.6 Potato var. Kufri Bahar : 2.89	65200	139140	73940	2.13

*H-Highest recorded yield, L- Lowest recorded yield

** GC- Gross Cost, GR- Gross Return, NR- Net Return, BCR- Benefit-Cost Ratio

Produce Sale Price must be as per MSP or Registered Marketing Society

Pl. apply the formula: Net Return= Gross Return-Gross Cost, BCR= GR/GC

Note: Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

d. Extension and Training activities under FLD on Horticultural crops

Sl.No.	Activity	No. of activities organised	Date	Number of participants			Remarks
				Gen	SC/ST	Total	
1	Field days	1					
2	Farmers Training	1					
3	Media coverage	2					
4	Training for extension functionaries	0					
5	Any other (Pl. specify) Method demonstration	1					
	Total	5					

e. Details of FLD on Enterprises

(i) Farm Implements: Nil

Name of the implement	Crop	No. of farmers	Area (ha)	Performance parameters / indicators	* Data on parameter in relation to technology demonstrated		% change in the parameter	Remarks
					Demon.	Local check		

* *Field efficiency, labour saving etc.*

(ii) Livestock Enterprises

Sl. No.	Enterprise/Category (e.g., Dairy, Poultry etc.)	Thematic area	Name of Technology	No. of farmers	No. of units	No. of animals, poultry birds etc.	Major Performance parameters / indicators		% change in the parameter	Other parameters (if any)		Econ. of demo. (Rs./Ha.)				Econ. of check (Rs./Ha.)				Remarks							
							Demo	Check		Demo	Check	GC**	GR**	NR**	BCR**	GC	GR	NR	BCR								
1	Poultry	Breed introduction	Popularization of Japanese Quail Breed of Poultry	23	11		<ol style="list-style-type: none"> 1. Age at 1st lay: 42 days 2. Average egg wt.: 10.83 gm 3. FCR up to egg production: 2.65 4. Egg production up to 8 months of age : 85 5. KVK, Golaghat is promoting Japanese Quail rearing for income generation 6. Less initial investment 7. Low space requirement 8. Higher disease resistance 9. Good demand 10. Low Cholesterol Level 11. Resistant to Ranikhet disease 																				
							Age (Days)			Average Body Weight (Female)				Average Body Weight (Male)													
							DOC			6.15				6.15													
							7 Days			30.15				31.50													
							15 Days			61.00				65.5													
							1 months			78.00				82.00													
							2 months			112.00				118.00													
							3 months			128.00				127.50													
							6 months			135.00				138.00													
							8 months			141.8				158.5													

2	Poultry	Breed introduction	Popularization of dual purpose Vanaraja poultry under agroclimatic condition of Golaghat district	400	400	4000	<p>Demonstration: Body wt. At 6 months of age: 3.26 Kg (Male) 2.45 Kg (Female) Age at 1st lay: 168 days Av. Egg wt. : 53 g</p> <p>Local: Body wt. At 6 months of age: 1.76 Kg (Male) 1.32 Kg (Female) Age at 1st lay: 184 days Av. Egg wt. : 39 g</p>
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**** GC- Gross Cost, GR- Gross Return, NR- Net Return, BCR- Benefit-Cost Ratio**

Produce Sale Price must be as per MSP or Registered Marketing Society

Pl. apply the formula: Net Return= Gross Return-Gross Cost, BCR= GR/GC

Note: Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

(iii) Fisheries: Nil

Sl. No.	Category, e.g. Common carp, ornamental	Thematic area	Name of Technology	No. of farmers	No. of units	No. of fish/fingerlings	Major Performance parameters / indicators		% change in the parameter	Other parameters (if any)		Econ. of demo. (Rs./Ha.)				Econ. of check (Rs./Ha.)				Remarks
							Dem	Chec		Dem	Chec	GC*	GR*	NR*	BCR*	GC	GR	NR	BCR	

	fish etc.							o	k						*					

**** GC- Gross Cost, GR- Gross Return, NR- Net Return, BCR- Benefit-Cost Ratio**

Note: Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

(iv) Other enterprises

S I. N o.	Category/ Enterprise, e.g., mushroom, vermicompost, apiculture etc.	Thematic area	Name of Technology	No. of far mer s	No. of units	Major Performance parameters / indicators		% chan ge in the para mete r	Other parameters (if any)		Econ. of demo. (Rs./Ha.)				Econ. of check (Rs./Ha.)				Rem arks
						Dem o	Chec k		Dem o	Chec k	GC**	GR**	NR**	BC R**	GC	GR	NR	B C R	
1	Mushroom	Other beneficial organisms	Year round productio n of oyster mushroom Variety – German Ostreatus Blue Pin (Can withstand upto 40 ^o C)	35	6 (300 beds /unit)	740 kg/un it	450k g/unit	64.44	Pest incid ence : Nil	Pest inciden ce : 0.02 %	Rs. 1900 0.00/ unit	Rs. 7400 0.00/ unit	Rs. 5500 0.00/ unit	3.1 7	Rs. 1600 0.00/ unit	Rs. 4500 /unit	Rs. 3100 /unit	2	

2	Apiculture	Other beneficial organisms	Introduction of honey bees in toria cultivation. 5 honeybee colonies/ha	14	2	Yield of Toria : 15.25 q/ha Yield of honey: 80 kg/ha	Yield of Toria : 9.75q /ha Yield of honey: nil	Increase in yield of Toria : 56.41 %			36560	100500	63940	2.54	21100	46200	25100	1.19	
3	Vermicompost	Soil health	Popularization of Round the Year Low Cost Enriched Vermicompost Production Technology	12	12	Ongoing										Date of start: Nov, 2019			
4	Bhindifiber		Popularization of Bhindi (Okra) fibre extraction and	10	10	Technology : Ease of fiber extraction : Simple fiber extraction process Length of fiber: Maximum length -2.8m, Avg- 2.0m Product development: Products of good quality (like table mat, flower vase ,bag, purse, Sandal,bota , mat)													

			product development			were developed from extracted fiber. Farmers Practice- Nil					
5	Nutrition Garden	Nutritional Gardening	Establishment of Nutrition Garden Year round production of fruits and vegetables for nutritional and health security of the family.	2	2	Frequency of consumption of vegetables – Before: 10-12 times/week After: -17-20 times/week Knowledge level on nutrition benefits of fruits and vegetables– Before: Very low After: Medium Average yield –98 kg produced and utilized for household consumption					
6	Paddy Stripper	Paddy Stripper	Popularization of Paddy Stripper used in seed selection Activity.	10	10			100	6 mut hi/ 5 mins	3muthi /5mins	Technology : 6muthi/ 5 mins Control: 3 muthi/5mins No injury of fingers, Very comfortable to use(10/10) Farm women are very happy with the new technology as it protects their fingers from injury and also increases work efficiency
7	Three Tire Fishery Based IFS Unit	Integrated Farming System	Three Tire Fishery Based IFS Unit Integration of: Fishery, Piggery, Poultry	20	4 units	Ongoing					

			and Horticulture			
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**** GC- Gross Cost, GR- Gross Return, NR- Net Return, BCR- Benefit-Cost Ratio**

Note: Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

(v) Farm Implements and Machinery: Nil

Sl. No.	Name of implement	Crop	Name of Technology demonstrated	No. of farmers	Area (In ha.)	Field observation (Output/ man-hours)		% change in the parameter	Labour reduction (Man days)	Cost reduction (Rs. per ha. or Rs. per unit etc.)	Remarks
						Demo	Check				

f. Performance of FLD on Crop Hybrids:

Sl. No.	Crop	Name of hybrids	Area (ha.)	No. of farmers	Avg. yield (Q/ha.)		% increase in Avg. yield	Additional data on demo. yield (Q/ha.)		Econ. of demo. (Rs./Ha.)				Econ. of check (Rs./Ha.)			
					Demo.	Check		H*	L*	GC**	GR**	NR**	BCR**	GC	GR	NR	BCR
1	Okra	Popularization of hybrid okra variety ArkaAnamika	1	11	87	63	38.10			352900	130000	952100	3.7	31000	94500	63500	3.05
2	Maize	Popularization of hybrid maize Variety : HQPM-1	3.8	14	39.83	17.5	127.6			20939	73750	535525	3.52	15225	43750	52810	2.87

***H-Highest recorded yield, L- Lowest recorded yield**

**** GC- Gross Cost, GR- Gross Return, NR- Net Return, BCR- Benefit-Cost Ratio**

Note: Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

3.3. Achievements on Training

3.3.1. Farmers and Farm Women in On Campus including Sponsored On Campus Training Programmes (training programmes sponsored by external agencies)

(*Sp. On means On Campus)

Thematic area	No. of Courses/ prog			Participants																			Grand Total (x+y)
	On-Campus (1)	Spon On* (2)	Total (1+2)	General						SC/ST						Total			Total				
				Male		Female		Total		Male		Female		Total		Male	Female	Total					
				On (4)	Sp. On (5)	On (6)	Sp. On (7)	On (a=4+6)	Sp. On (b=5+7)	On (8)	Sp. On (9)	On (10)	Sp. On (11)	On (c=8+10)	Sp. On (d=9+11)	On (4+8)	Sp. On (5+9)	On (4+8)		Sp. On (5+9)	Total		
I. Crop Production																							
Weed Management																						30	
Resource Conservation Technologies																							
Cropping Systems																							
Crop Diversification																							
Integrated Farming																							
Water management																							
Seed production																							
Nursery management																							
Integrated Crop Management	0	2	2	0	22	0	9	0	31	0	22	0	7	0	29	0	47	0	13	0	60	60	
Fodder																							

production																					
Production of organic inputs																					
II. Horticulture																					
a) Vegetable Crops																					
Production of low volume and high value crops																					
Off-season vegetables																					
Nursery raising																					
Exotic vegetables like Broccoli																					
Export potential vegetables																					
Grading and standardization																					
Protective cultivation (Green Houses, Shade Net etc.)																					
b) Fruits																					
Training and Pruning																					
Layout and Management of Orchards																					
Cultivation of Fruit																					
Management of young plants/orchards																					
Rejuvenation of old orchards																					
Export potential fruits																					
Micro irrigation systems of orchards																					
Plant																					

propagation techniques																						
c) Ornamental Plants																						
Nursery Management																						
Management of potted plants																						
Export potential of ornamental plants																						
Propagation techniques of Ornamental Plants																						
d) Plantation crops																						
Production and Management technology																						
Processing and value addition																						
e) Tuber crops																						
Production and Management technology																						
Processing and value addition																						
f) Spices																						
Production and Management technology																						
Processing and value addition																						
g) Medicinal and Aromatic Plants																						
Nursery management																						
Production and management technology																						
Post harvest technology and																						

value addition																				
III Soil Health and Fertility Management																				
Soil fertility management																				
Soil and Water Conservation																				
Integrated Nutrient Management																				
Production and use of organic inputs																				
Management of Problematic soils																				
Micro nutrient deficiency in crops																				
Nutrient Use Efficiency																				
Soil and Water Testing																				
Crop Production and nutrient management																				
IV Livestock Production and Management																				
Dairy Management																				
Poultry Management																				
Piggery Management																				
Rabbit Management																				
Disease Management																				
Feed management																				
Production of quality animal products																				
V Home Science/Women empowerment																				
Household																				

food security by kitchen gardening and nutrition gardening																							
Design and development of low/minimum cost diet																							
Designing and development for high nutrient efficiency diet																							
Minimization of nutrient loss in processing																							
Gender mainstreaming through SHGs																							
Storage loss minimization techniques																							
Value addition																							
Income generation activities for empowerment of rural Women																							
Location specific drudgery reduction technologies																							
Rural Crafts																							
Women and child care																							
VI Agril. Engineering																							
Installation and maintenance of micro irrigation systems																							
Use of Plastics in farming																							

practices																						
Production of small tools and implements																						
Repair and maintenance of farm machinery and implements																						
Small scale processing and value addition																						
Post Harvest Technology																						
VII Plant Protection																						
Integrated Pest Management																						
Integrated Disease Management																						
Bio-control of pests and diseases																						
Production of bio control agents and bio pesticides																						
VIII Fisheries																						
Integrated fish farming																						
Carp breeding and hatchery management																						
Carp fry and fingerling rearing																						
Composite fish culture																						
Hatchery management and culture of freshwater prawn																						
Breeding and																						

culture of ornamental fishes																						
Portable plastic carp hatchery																						
Pen culture of fish and prawn																						
Shrimp farming																						
Edible oyster farming																						
Pearl culture																						
Fish processing and value addition																						
IX Production of Inputs at site																						
Seed Production																						
Planting material production																						
Bio-agents production																						
Bio-pesticides production																						
Bio-fertilizer production																						
Vermi-compost production																						
Organic manures production																						
Production of fry and fingerlings																						
Production of Bee-colonies and wax sheets																						
Small tools and implements																						
Production of livestock feed and fodder																						
Production of																						

Fish feed																						
X Capacity Building and Group Dynamics																						
Leadership development																						
Group dynamics																						
Formation and Management of SHGs																						
Mobilization of social capital																						
Entrepreneurial development of farmers/youths	0	1	1	0	53	0	3	0	56	0	0	0	0	0	0	0	53	0	3	0	56	56
WTO and IPR issues																						
XI Agro-forestry																						
Production technologies																						
Nursery management																						
Integrated Farming Systems																						
TOTAL																						

3.3.2. Achievements on Training of Farmers and Farm Women in Off Campus including Sponsored Off Campus Training Programmes (*Sp. Off means Off Campus training programmes sponsored by external agencies)

Thematic area	No. of Courses/ prg.			Participants																	Grand Total	
	Off	Sp Off*	Total	General						SC/ST						Total						
				Male		Female		Total		Male		Female		Total		Male		Female	Total			
				Off	Sp Off*	Off	Sp Off*	Off	Sp Off*	Off	Sp Off*	Off	Sp	Off	Sp Off*	Off	Sp Off*	Off	Sp	Off		Sp

														Off*						Off*	Off*	
I. Crop Production																						
Weed Management																						
Resource Conservation Technologies	0	1	1	0	14	0	6	0	20	0	7	0	0	0	7	0	21	0	6	0	2	27
Cropping Systems	0	2	2	0	15	0	8	0	23	0	47	2	0	40	9	0	47	0	2	5	7	72
Crop Diversification																						
Integrated Farming																						
Water management																						
Seed production	0	3	3	0	33	0	2	0	35	0	41	0	0	0	41	0	74	0	2	0	7	76
Nursery management																						
Integrated Crop Management	3	4	7	72	57	8	10	80	67	8	21	0	2	8	48	80	78	8	3	88	1	20
Fodder production																						
Production of organic inputs																						
II. Horticulture																						
a) Vegetable Crops																						

Production of low volume and high value crops	1	1	2	19	18	6	8	25	26	2	0	0	0	2	0	18	21	8	6	39	14	53
Off-season vegetables																						
Nursery raising																						
Exotic vegetables like Broccoli																						
Export potential vegetables																						
Grading and standardization																						
Protective cultivation (Green Houses, Shade Net etc.)	1	2	3	0	0	0	0	0	0	26	56	1	2	27	58	26	56	1	2	27	58	85
b) Fruits																						
Training and Pruning																						
Layout and Management of Orchards																						
Cultivation of Fruit	1	0	1	17	0	14	0	31	0	0	0	0	0	0	0	17	0	14	0	31	0	31
Management of young plants/orchards																						
Rejuvenation of old orchards																						
Export potential fruits																						
Micro irrigation systems of orchards																						

Plant propagation techniques																							
c) Ornamental Plants																							
Nursery Management																							
Management of potted plants																							
Export potential of ornamental plants																							
Propagation techniques of Ornamental Plants																							
d) Plantation crops																							
Production and Management technology																							
Processing and value addition	0	1	1	0	23	0	3	0	26	0	0	0	0	0	0	0	23	0	3	0	2	26	
e) Tuber crops																							
Production and Management technology																							
Processing and value addition																							
f) Spices																							
Production and Management technology	1	2	3	10	0	4	0	14	0	11	69	0	13	11	82	21	69	4	13	25	82	107	
Processing and value addition																							

g) Medicinal and Aromatic Plants																						
Nursery management																						
Production and management technology																						
Post harvest technology and value addition																						
III Soil Health and Fertility Management																						
Soil fertility management	1	1	2	25	9	0	15	25	24	0	1	0	0	0	1	25	10	0	15	25	2	50
Soil and Water Conservation																						
Integrated Nutrient Management																						
Production and use of organic inputs	3	1	4	68	25	10	0	78	25	12	0	0	0	12	0	80	25	10	0	90	25	115
Management of Problematic soils																						
Micro nutrient deficiency in crops																						
Nutrient Use Efficiency																						
Soil and Water Testing																						
Crop production and nutrient management																						
IV Livestock Production and Management																						

Dairy Management	2	0	2	28	0	21	0	49	0	5	0	1	0	6	0	33	0	22	0	55	0	55				
Poultry Management	2	0	2	14	0	33	0	47	0	2	0	7	0	9	0	16	0	40	0	56	0	56				
Goatery Management	1	0	1	15	0	16	0	31	0	1	0	2	0	3	0	16	0	18	0	34	0	34				
Piggery Management																										
Rabbit Management																										
Disease Management																										
Feed management																										
Production of quality animal products	0	1	1	0	0	0	0	0	0	0	11	0	12	0	23	0	11	0	12	0	23	23				
V Home Science/Women empowerment																						0	4	4	0	22
Household food security by kitchen gardening and nutrition gardening																										
Design and development of low/minimum cost diet																										
Designing and development for high nutrient efficiency diet	1	0	1	0	0	24	0	24	0	0	0	2	0	2	0	0	0	26	0	26	0	26				
Minimization of nutrient loss in																										

processing																						
Gender mainstreaming through SHGs																						
Storage loss minimization techniques																						
Value addition	2	0	2	0	0	0	75	75	0	0	0	0	0	0	0	0	0	75	0	75	0	75
Income generation activities for empowerment of rural Women	3	0	3	0	0	74	0	74	0	0	0	1	0	75	0	0	0	75	0	75	0	75
Location specific drudgery reduction technologies																						
Rural Crafts																						
Women and child care																						
VI Agril. Engineering																						
Installation and maintenance of micro irrigation systems																						
Use of Plastics in farming practices																						
Production of small tools and implements																						
Repair and maintenance of farm machinery and implements																						

Small scale processing and value addition																						
Post Harvest Technology																						
VII Plant Protection																						
Integrated Pest Management	2	0	2	34	0	21	0	55	0	2	0	0	0	2	0	21	0	36	0	57	0	57
Integrated Disease Management	3	0	3	55	0	24	0	79	0	11	0	3	0	14	0	66	0	27	0	186	0	186
Bio-control of pests and diseases																						
Production of bio control agents and bio pesticides	2	0	2	13	0	19	0	32	0	24	0	5	0	29	0	37	0	24	0	61	0	61
VIII Fisheries																						
Integrated fish farming																						
Carp breeding and hatchery management																						
Carp fry and fingerling rearing																						
Composite fish culture																						
Hatchery management and culture of freshwater prawn																						
Breeding and culture of ornamental fishes																						

Portable plastic carp hatchery																						
Pen culture of fish and prawn																						
Shrimp farming																						
Edible oyster farming																						
Pearl culture																						
Fish processing and value addition																						
IX Production of Inputs at site																						
Seed Production																						
Planting material production																						
Bio-agents production																						
Bio-pesticides production																						
Bio-fertilizer production																						
Vermi-compost production																						
Organic manures production																						
Production of fry and fingerlings																						
Production of Bee-colonies and wax sheets	1	0	1	28	0	12	0	40	0	5	0	2	0	7	0	33	0	13	0	46	0	46

Small tools and implements																							
Production of livestock feed and fodder																							
Production of Fish feed																							
X Capacity Building and Group Dynamics																							
Leadership development	0	1	1	0	18	0	2	0	20	0	7	0	3	0	10	0	28	0	2	0	30	30	
Group dynamics																							
Formation and Management of SHGs	1	0	1	23	0	8	0	31	0	0	0	00	0	0	0	23	0	8	0	31	0	31	
Mobilization of social capital																							
Entrepreneurial development of farmers/youths																							
WTO and IPR issues																							
Marketing and Value addition of Agricultural products																							
Production technologies																							
Nursery management																							
Integrated Farming Systems	1	0	1	41	0	8	0	49	0	1	0	0	0	1	0	42	0	8	0	50	0	50	
TOTAL																							
(B) RURAL YOUTH																							

3.3.3. Achievements on Training Rural Youth in On Campus including Sponsored On Campus Training Programmes (*Sp. On means On Campus training programmes sponsored by external agencies)																						
Thematic area	No. of Courses/ Prog			Participants																	Grand Total (x+y)	
	On (1)	Sp On* (2)	Total (1+2)	General						SC/ST						Total						
				Male		Female		Total		Male		Female		Total		Male	Fem ale	Total				
				On (4)	Sp. On (5)	On (6)	Sp. On (7)	On (a= 4+6)	Sp. On (b= 5+7)	On (8)	Sp. On (9)	On (10)	S p. O n (1 1)	On (c= 8+10)	Sp. On (d= 9+11)	On (4+8)	Sp. On (5+ 9)	O n (6 + 1 0)	S p . O n (7 + 1 1)	On (x= a +c)		S p. O n (y = b + d)
Mushroom Production	1	0	1	26	0	3	0	29	0	4	0	0	0	4	0	30	0	3	0	33	0	33
Bee-keeping																						
Integrated farming																						
Seed production																						
Production of organic inputs	1	0	1	24	0	7	0	31	0	0	0	0	0	0	0	24	0	7	0	31	0	31
Integrated Farming																						
Planting material production																						
Vermi-culture																						
Sericulture																						
Protected cultivation of vegetable crops																						
Commercial fruit production																						

Repair and maintenance of farm machinery and implements																						
Nursery Management of Horticulture crops																						
Training and pruning of orchards																						
Value addition	2	0	2	25	0	15	0	40	0	1	0	10	0	11	0	26	0	25	0	51	0	51
Production of quality animal products																						
Dairying																						
Sheep and goat rearing																						
Quail farming																						
Piggery																						
Rabbit farming																						
Poultry production																						
Ornamental fisheries																						
Para vets																						
Para extension workers																						
Composite fish culture																						
Freshwater prawn culture																						
Shrimp farming																						

Pearl culture																						
Cold water fisheries																						
Fish harvest and processing technology																						
Fry and fingerling rearing																						
Small scale processing																						
Post Harvest Technology																						
Tailoring and Stitching																						
Rural Crafts																						
TOTAL																						

3.3.4. Achievements on Training of Rural Youth in Off Campus including Sponsored Off Campus Training Programmes (*Sp. Off means Off Campus training programmes sponsored by external agencies)

Thematic area	No. of Courses/ Prog.			Participants																	Grand Total		
	Off	Sp Off	Total	General						SC/ST						Total							
				Male		Female		Total		Male		Female		Total		Male		Fem	Total				
				Off	Sp Off*	Off	Sp Off*	Off	Sp Off*	Of f	Sp Off*	Off	S p O ff*	Off	Sp Off*	Off	Sp Off*	O ff	S p O ff*	Off		S p O ff*	
Mushroom Production																							
Bee-keeping																							
Integrated farming																							
Seed production																							

Production of organic inputs																					
Integrated Farming																					
Planting material production																					
Vermi-culture																					
Sericulture																					
Protected cultivation of vegetable crops																					
Commercial fruit production																					
Repair and maintenance of farm machinery and implements																					
Nursery Management of Horticulture crops																					
Training and pruning of orchards																					
Value addition																					
Production of quality animal products																					
Dairying																					
Sheep and goat rearing																					
Quail farming																					
Piggery																					

Rabbit farming																						
Poultry production																						
Ornamental fisheries																						
Para vets																						
Para extension workers																						
Composite fish culture																						
Freshwater prawn culture																						
Shrimp farming																						
Pearl culture																						
Cold water fisheries																						
Fish harvest and processing technology																						
Fry and fingerling rearing																						
Small scale processing	2	0	2	0	0	0	47	0	47	0	0	3	0	3	0	0	0	50	0	50	0	50
Post Harvest Technology																						
Tailoring and Stitching																						
Rural Crafts																						
Climate change																						
TOTAL																						

C. Extension Personnel																					
3.3.5. Achievements on Training of Extension Personnel in On Campus including Sponsored On Campus Training Programmes																					
(*Sp. On means On Campus training programmes sponsored by external agencies)																					
Thematic area	No. of Courses/ prog			Participants																	Grand Total (x + y)
	On (1)	Sp On* (2)	Total (1+2)	General						SC/ST						Total					
				Male		Female		Total		Male		Female		Total		Male	Fem ale	Total			
				On (4)	Sp. On (5)	On (6)	Sp. On (7)	On (a= 4+6)	Sp. On (b= 5+7)	On (8)	Sp. On (9)	On (10)	S p. O n (1 1)	On (c= 8+10)	Sp. On (d= 9+11)	On (4+8)	Sp. On (5+ 9)	O n (6 + 1 0)	S p . O n (7 + 1 1)	On (x= a +c)	
Productivity enhancement in field crops	0	3	3	0	74	0	23	0	97	0	7	0	0	0	7	0	81	0	23	0	104
Integrated Pest Management																					
Integrated Nutrient management																					
Rejuvenation of old orchards																					
Protected cultivation technology																					
Formation and Management of SHGs																					
Group Dynamics and farmers organization	0	1	1	0	26	0	0	0	26	0	4	0	0	0	30	0	30	0	0	0	30
Information																					

networking among farmers																							
Capacity building for ICT application																							
Care and maintenance of farm machinery and implements																							
WTO and IPR issues																							
Management in farm animals																							
Livestock feed and fodder production																							
Household food security																							
Women and Child care																							
Low cost and nutrient efficient diet designing																							
Production and use of organic inputs																							
Gender mainstreaming through SHGs	1	0	1	0	0	28	0	28	0	0	0	0	0	0	0	0	0	28	0	28	0	28	
Total	1	4	5	0	100	28	23	28	123	0	11	0	0	0	37	0	111	28	23	28	134	162	

3.3.6. Achievements on Training of Extension Personnel in Off Campus including Sponsored Off Campus Training Programmes
 (*Sp. Off means Off Campus training programmes sponsored by external agencies)

Thematic area	No. of Courses/ prog.			Participants																		Grand Total
	Off	Sp Off*	Total	General						SC/ST						Total						
				Male		Female		Total		Male		Female		Total		Male		Female		Total		
				Off	Sp Off*	Off	Sp Off*	Off	Sp Off*	Off	Sp Off*	Off	Sp Off*	Off	Sp Off*	Off	Sp Off*	Off	Sp Off*	Off	Sp Off*	
Productivity enhancement in field crops	0	1	1	0	32	0	2	0	34	0	0	0	0	0	0	0	32	0	2	0	34	34
Integrated Pest Management	1	0	1	16	0	2	0	18	0	7	0	0	0	7	0	23	0	2	0	25	0	25
Integrated Nutrient management	1	0	1	23	0	5	0	28	0	9	0	1	0	10	0	32	0	6	0	38	0	38
Rejuvenation of old orchards																						
Protected cultivation technology																						
Formation and Management of SHGs																						
Group Dynamics and farmers organization																						
Information networking among farmers																						
Capacity building for ICT application																						
Care and maintenance of farm machinery and implements	0	2	2	0	22	0	12	0	34	0	11	0	19	0	30	0	33	0	31	0	64	64

WTO and IPR issues																							
Management in farm animals																							
Livestock feed and fodder production																							
Household food security																							
Women and Child care																							
Low cost and nutrient efficient diet designing																							
Production and use of organic inputs																							
Gender mainstreaming through SHGs																							
TOTAL	2	3	5	39	54	7	14	46	68	16	11	1	19	17	30	55	65	8	33	63	98	161	

Note: Please furnish the details of above training programmes as Annexure in the proforma given below

Annexure 1: Details of Training Programme (On Campus including Sponsored On Campus) for Farmers, Farm Women, Rural Youth and Extension Personnel

Discipline	Area of training	Title of the training programme	Date (From – to)	Duration in	Venue	Please specify	General participants	SC/ST	Grand Total
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				days		Beneficiary group (Farmer & Farm women/ RY/ EP and NGO Personnel)	M	F	T	M	F	T	M	F	T
Agronomy	Integrated Disease Management	Identification of Disease and Deficiency symptoms of different field crops	11.06.19, 12.06.19	1	On	PF	33	0	33	0	0	0	33	0	33
Plant Protection	Seed production	Quality Seed production	04.06.19	1	On	EF	22	0	22	4	0	4	26	0	26
Soil Science	Integrated Crop Management	Best management practices for stress tolerant Rice varieties	04.06.19	1	On	PF	23	1	24	5	1	6	28	2	30
Plant Protection	Integrated Pest Management	Integrated pest and Disease management in Sali rice	06.06.19-07.06.19	1	On	PF	17	0	17	8	0	8	25	0	25
Horticulture	Leadership development	Development of Managerial skill for smooth functioning of CHC	21.06.19, 22.06.19	1	On	EF	26	0	26	4	0	4	30	0	30
Agronomy	Weed Management	Training on Direct seeded rice (DSR) and Integrated Weed Management(IWM)	25.07.19, 26.07.19	1	On	EF	23	5	28	2	0	2	25	5	30
Community Science	Post Harvest Management	Training on Improved practices of Post Harvest Management	30.07.19,31.07.19	1	On	EF	29	18	47	1	0	1	30	18	48
Agronomy	Integrated Crop	Scientific production technology of major oilseed	02.08.19 - 09.08.19	1	On	RY	13	2	15	0	0	0	13	2	15

	Management	crops														
Plant Protection	Integrated disease management	Integrated pest and disease management in Sali rice	16.10.19, 17.10.19	1	On	PF	20	0	20	5	0	5	25	0	25	
Community Science	Income generation activities for empowerment of rural Women	Pickle making as an Income generating activity	16.10.19, 23.10.19	1	On	RY	6	17	23	1	2	3	7	19	26	
Plant Protection	Cropping Systems	Training cum Awareness meeting on Stress Tolerant Rice Varieties	01.10.19	1	On	PF	17	27	44	1	1	2	18	28	46	
Animal Science	Poultry Management	Scientific Management of Backyard Poultry	24.10.19	1	On	PF	14	5	19	9	1	10	23	6	29	
Animal Science	Poultry Management	Scientific Management of Backyard Poultry	25.10.19	1	On	PF	23	1	24	1	0	1	24	1	25	
Horticulture	Production and Management technology	Scientific Cultivation of Potato	10.10.19 , 11.10.19	1	On	PF	19	3	22	3	1	4	22	4	26	
Agronomy	Production and Management technology	Integrated Nutrient Management in Potato	14.10.19, 15.10.19	1	On	PF	35	1	36	2	0	2	37	1	38	
Plant Protection	Integrated Pest Management	Integrated Pest and Disease Management in Rabi vegetables	25.10.19, 26.10.19	1	On	PF	40	4	44	0	0	0	40	4	44	
Community Science	Gender mainstreaming through SHGs	Strengthening of SHGs through Various Agro based activities	16.11.19	1	On	EF	0	28	28	0	0	0	0	28	28	

Animal Science	Poultry Management	Scientific Management of Backyard Poultry	21.11.19	1	On	PF	8	14	22	1	2	3	9	16	25
Community Science	Value addition	Processing and preservation of Locally available fruits and vegetables	27.11.19 to 06.12.19	7	On	RY	0	15	15	0	0	0	0	15	15
Plant Protection	Mushroom Production	Enterpreneurship development through Mushroom production	25.11.19 to 06.12.19	1	On	RY	5	24	29	3	0	3	8	24	32
Agricultural Extension	Entrepreneurial development of farmers/youths	Agricultural Enrepreneurship Development amongst Rural Youths	23.12.19	1	On	RY	11	8	19	6	0	6	17	8	25
Animal Science	Poultry Management	Scientific Management of Backyard Poultry	19.12.19	1	On	PF	8	17	25	0	0	0	8	17	25
Horticulture	Resource Conservation Technologies	Workshop on Petroleum Product Conservation in Agriculture Sector	09.01.20	1	On	RY	2	0	2	26	2	28	2	30	
Horticulture	Production of low volume and high value crops	Scientific cultivation of Rabi Vegetables	20.01.20	1	On	PF	0	1	1	0	31	31	0	32	32
Horticulture	Production and Management technology	PVS workshop on Potato vegetative stage	24.01.20	1	On	PF	4	0	4	31	13	44	35	13	49
Agronomy	Post Harvest	Post Harvest Management	25.01.2020	1	On	PF	0	0	0	7	44	51	7	44	51

	Management	of Potato														
Horticulture	Production and Management technology	Skill Development Training on Floriculturist Open cultivation	18.02.20	1	On	RY	0	0	0	2	18	20	2	18	20	
Tea Husbandry	Plant propagation techniques	Skill Development Training on Tea Plantation Worker	12.02.20	1	On	PF	0	0	0	13	7	20	13	7	20	
	Integrated Crop Management	PVS workshop at harvesting stage	25.02.20	1	On	PF	3	0	3	21	26	47	24	26	50	
Soil Science	Seed Production	Quality Seed Production	11.02.20	1	On	PF	10	0	10	15	0	15	25	0	25	
Agronomy	Information networking among farmers	Assam Rice Knowledge Bank	12.02.20	1	On	PF	1	0	1	28	1	29	29	1	30	
Agronomy	Household food security by kitchen gardening and nutrition gardening	Sustainable Agriculture and deveopment Agri-nutri garden under ICAR-NEH component	08.03.2020	1	On	FW	2	17	19	5	12 4	12 9	7	14 1	148	
Horticulture	Resource Conservation Technologies	Workshop on Petroleum Conservationin Agriculture Sector	08.03.20	1	On	PF	2	0	2	23	5	28	25	5	30	

Annexure 2: Details of Training Programme (Off Campus including Sponsored Off Campus) for Farmers, Farm Women, Rural Youth and Extension Personnel

Discipline	Area of training	Title of the training programme	Date (From – to)	Duration in days	Venue	Please specify Beneficiary group (Farmer & Farm women/ RY/ EP and NGO Personnel)	General participants			SC/ST			Grand Total		
							M	F	T	M	F	T	M	F	T
Plant Protection	Bio-control of pests and diseases	Bio control of Insect Pest and diseases in Summer Blackgram	26.04.19, 27.04.19	2	Balidua	PF	22	9	31	4	0	4	26	9	35
Agronomy	Crop Production and nutrient management	Scientific cultivation practices of Blackgram	29.04.19, 30.04.19	2	Jugunia , Porongonia	PF	29	5	34	1	0	1	30	5	35
Soil Science	Crop Production and nutrient management	Fertilizer Management in Pulses	08.05.19, 09.05.19	2	Budhbari	PF	26	8	34	0	0	0	26	8	34
Agronomy	Seed production	Quality Seed production and Post harvest handling of Rice	28.05.19, 29.05.19	2	Mithaam Chapori CHC	EF	32	2	34	0	0	0	32	2	34
Plant Protection	Bio-control of pests	Bio control of Insect Pest in Sali rice	30.05.19, 31.05.19	2	Borgoria	PF	19	10	29	2	0	2	21	10	31

	and diseases														
Soil Science	Integrated Nutrient Management	Nutrient Management in Sali rice under rice based cropping sequence	30.05.19, 31.05.19	2	2 No. Doigrung Purabangla	PF	35	0	35	0	0	0	35	0	35
Agronomy	Integrated Crop Management	Scientific cultivation practices of Kharif rice	07.06.19, 08.06.19	2	Kamar Gaon	PF	7	1	8	21	1	22	28	2	30
Community Science	Integrated Pest Management	Pickle making as an income generating activity	15.06.19	1	Borkoroioni	PF	11	14	25	0	0	0	11	14	25
Horticulture	Production and management technology	Scientific cultivation practice of Ginger and Turmeric	27.06.19, 08.06.19	2	Mithaam Chapori	PF	24	11	35	0	0	0	24	11	35
Horticulture	Post Harvest Technology	Training on Post harvest machineries	29.06.19	1	Dubi gaon	EF	0	0	0	11	19	30	11	19	30
Horticulture	Repair and maintenance of farm machin	Training on Rice value Chain Machineries	30.07.19	1	Purabangla	PF	37	4	41	0	0	0	37	4	41

	ery and implem ents															
Plant protection	Integrat ed Diseas e manag ement	Integrated Pest and Disease management in cucubitaceaus vegetables	29.07.19, 30.07.19	2	Kamargao n	PF	0	4	4	0	21	21	0	25	25	
Soil Science	Crop product ion and nutrient manag ement	Use of Biofertilizer in agriculture with special reference to Rice	26.07.19,30.07.19	2	2 No. Butolikhow a	PF	19	0	19	6	0	6	25	0	25	
Communiy Science	Income generat ion activitie s for empow erment of rural Women	Preparation of Decorative cushion cover	05.08.19-06.08.19	2	Gari Gaon	PF	0	25	25	0	0	0	0	25	25	
Communiy Science	Income generat ion activitie s for empow erment of rural Women	Pickle making as an Income generating activity	13.08.19-14.08.19	2	Bogoriyoni	RY	0	25	25	0	0	0	0	25	25	

Communiy Science	Value addition	Processing and preservation of Locally available fruits and vegetables	21.08.19-22.08.19	2	Kothalguri	PF	0	25	25	0	0	0	0	25	25
Horticulture	Product ion of low volume and high value crops	Scientific cultivation practices of Rabi vegetables	06.09.19-07.09.19	2	Mohuramukh	PF	18	0	18	7	0	7	25	0	25
Horticulture	Product ion of low volume and high value crops	Scientific cultivation practices of Strawberry	20.09.19-21.09.19	2	Khotiakholi	PF	1	25	26	0	0	0	1	25	26
Agronomy	Integrat ed Crop Manag ement	Scientific Cultivation of Kharif Rice	20.09.19-21.09.19	2	Rajabari	PF	0	27	27	0	0	0	0	27	27
Agronomy	Integrat ed Diseas e Manag ement	Identification of Disease and Deficiency symptoms of different field crops and their management	23.09.19-24.09.19	2	Baliduwa	PF	20	5	25	0	0	0	20	5	25
Plant Protection	Integrat ed Diseas	Integrated pest and disease management in cucurbitaceous	25.09.19-26.09.19	2	Balidua Molai Kuar	PF	25	5	30	0	0	0	25	5	30

	e Manag ement	vegetables													
Community Science	Income generat ion activitie s for empow erment of rural Women	Preparation of Decorative cushion cover	10.10.19,1 1.10.19	2	Dadhora Barisua Bamun Gaon	PF	0	25	25	0	0	0	0	25	25
Plant Protection	Post Harvest Manag ement	Post Harvest Management including Bio control of Stored Grain Pest of Kharif Pulse Blackgram	16.11.19	1	Baliduwa	PF	16	9	25	0	0	0	16	9	25
Agronomy	Post Harvest Manag ement	Post Harvest Management of Rice	18.11.19	1	Bokakhat	PF	0	0	0	14	12	26	14	12	26
Agronomy	Post Harvest Techno logy	Training on Post harvest machinaries	27.11.19	1	Thengal Gaon	EF	22	12	34	0	0	0	22	12	34
Horticulture	Product ion and Manag ement technol ogy	Scientific cultivation of Areca nut and Coconut	22.11.19 , 23.11.19	2	Baghbari, Morongi	PF	19	39	58	1	0	1	20	39	59
Horticulture	Product ion and	Scientific Cultivation practices of Assam	24.12.16, 26.12.19	2	Na-Pathar	PF	15	11	26	0	0	0	15	11	26

	Management technology	Lemon													
Horticulture	Post Harvest Management	Post Harvest Management of Potato	23.01.20	1	Borchapori	PF	6	7	13	10	7	17	16	14	30
Horticulture	Production and Management technology	PVS workshop on Potato vegetative stage	25.01.2020	2	Dhemaji Koibarta	PF	27	13	40	0	0	0	27	13	40
Animal Science	Entrepreneurial development of farmers /youths	Skill training of Rural Rural youth (STRY) on Integrated Dairy Development	21.02.20 - 05.03.20	6	Officers' Club, Bokakhat	RY	24	4	28	7	1	8	31	5	36
Soil Science	Integrated Nutrient Management	Nutrient management in vegetables	14.02.20	1	Gandhi Gaon	PF	25	12	37	0	0	0	25	17	42
	Information networking among farmers	Stakeholder workshop on Rice Knowledge Bank	24.02.20		Circuit House	PF	25	12	37	7	1	8	32	13	45
	Integrated	PVS Workshop on Baby	25.02.20	1	Dhemaji	PF	30	20	50	0	0	0	30	20	50

	ed Crop Management	trial at harvesting stage			Koibarta										
Community Science	Income generation activities for empowerment of rural Women	Preparation of Artificial flower	17.02.20-20.02.20	2	Bongaon	PF	0	22	22	0	3	3	0	25	25
Animal Science	Poultry Management	Scientific Management of Backyard Poultry	15.02.20	1	Kakodunga	PF	0	32	32	0	0	0	0	32	32
Plant Protection	Production and use of organic inputs	Home made Biopesticide	02.03.20	1	DAO Office Golaghat	EF	16	2	18	7	0	7	23	2	25
Soil Science	Resource Conservation Technologies	Conservation Agriculture-Concept and Importance	02.03.20	1	DAO, Golaghat	EF	23	5	28	9	1	10	32	6	38
Soil Science	Production and use of organic inputs	Production and use of Organic Inputs	11.03.20, 12.03.20	2	Kamar Gaon	RY	14	12	26	0	0	0	14	12	26
Soil Science	Manag	Soil Health	13.03.20,	2	Tiruwal	PF	22	4	26	0	0	0	22	4	26

	ement of Problematic soils	Management , Green Manuring and Management of Acid Soil	14.03.20		Gaon											
Horticulture	Protective cultivation (Green Houses , Shade Net etc.)	Scientific cultivation of Summer Vegetables	05.03.2020	1	Borgoria	PF	24	18	42	8	0	8	32	18	50	
Horticulture	Post harvest management	Post harvest management of Toria	02.03.20,05.03.20	1	Leteku chapori	PF	12	9	21	4	0	4	16	9	25	

(D) Vocational training programmes for Rural Youth

Crop / Enterprise	Date (From – To)	Duration (days)	Area of training	Training title*	No. of Participants									Impact of training in terms of Self employment after training			Whether Sponsored by external funding agencies (Please Specify with amount of fund in Rs.)		
					General			SC/ST			Total			Type of enterprise ventured into	Number of units	Number of persons employed		Avg. Annual income in Rs. generated through the enterprise	
					M	F	T	M	F	T	M	F	T						

Oilseed	02.08.19 - 09.08.19	7	Seed production	Scientific production technology of major oilseed crops	13	2	15	0	0	0	13	2	15					MANAGE
Mushroom	25.11.19 to 06.12.19	7	Mushroom Production	Entrepreneurship development through Mushroom production	5	24	29	3	0	3	8	24	32					No
Flowers	18.02.20	1 month	Production and Management technology	Skill Development Training on Floriculturist Open cultivation	2	18	20	0	0	0	2	18	20					ASCI
Dairy	21.02.20 - 05.03.20	6	Entrepreneurial development of farmers/youths	Skill training of Rural Rural youth (STRY) on Integrated Dairy Development	24	4	28	7	1	8	31	5	36					MANAGE
Value addition	27.11.19 to 06.12.19	7	Storage loss minimization technique	Processing and preservation of Locally available	0	0	0	0	15	15	0	15	15					No

			s	fruits and vegetables															
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*training title should specify the major technology /skill transferred

Annexure 3: Only Sponsored Training Programmes (On, Off and Vocational)

On/ Off	Beneficiary group (F/ FW/ RY/ EP)	Date (From-To)	Duration (days)	Discipline	Area of training	Title	No. of Participants									Sponsoring Agency	Amount of fund received (Rs.)
							General			SC/ST			Total				
							M	F	T	M	F	T	M	F	T		
Off	PF	26.04.19, 27.04.19	2	Plant Protection	Bio-control of pests and diseases	Bio control of Insect Pest and diseases in Summer Blackgram	22	9	31	4	0	4	26	9	35	APART	
Off	PF	29.04.19, 30.04.19	2	Agronomy	Crop Production and nutrient management	Scientific cultivation practices of Blackgram	29	5	34	1	0	1	30	5	35	APART	
Off	PF	08.05.19, 09.05.19	2	Soil Science	Crop Production and nutrient management	Fertilizer Management in Pulses	26	8	34	0	0	0	26	8	34	APART	
Off	EF	28.05.19, 29.05.19	2	Agronomy	Seed production	Quality Seed production and Post harvest handling of Rice	32	2	34	0	0	0	32	2	34	NRL, Golaghat	

Off	PF	30.05.19, 31.05.19	2	Plant Protection	Bio-control of pests and diseases	Bio control of Insect Pest in Sali rice	19	10	29	2	0	2	21	10	31	NRL, Golaghat	
Off	PF	30.05.19, 31.05.19	2	Soil Science	Integrated Nutrient Management	Nutrient Management in Sali rice under rice based cropping sequence	35	0	35	0	0	0	35	0	35	NRL, Golaghat	
On	EF	04.06.19	1	Plant Protection	Seed production	Quality Seed production	22	0	22	4	0	4	26	0	26	APART	
On	PF	04.06.19	1	Soil Science	Integrated Crop Management	Best management practices for stress tolerant Rice varieties	23	1	24	5	1	6	28	2	30	APART	
On	EF	21.06.19, 22.06.19	2	Horticulture	Leadership development	Development of Managerial skill for smooth functioning of CHC	26	0	26	4	0	4	30	0	30	NRL, Golaghat	
Off	EF	29.06.19	1	Horticulture	Post Harvest Technology	Training on Post harvest machineries	0	0	0	11	19	30	11	19	30	APART	
On	EF	25.07.19, 26.07.19	2	Agronomy	Weed Management	Training on Direct seeded rice (DSR) and Integrated Weed Management(IWM)	23	5	28	2	0	2	25	5	30	APART	

On	EF	30.07.19,31.07.19	2	Community Science	Post Harvest Technology	Training on Improved practices of Post Harvest Management	29	18	47	1	0	1	30	18	48	APART	
Off	PF	30.07.19	1	Horticulture	Repair and maintenance of farm machinery and implements	Training on Rice value Chain Machineries	37	4	41	0	0	0	37	4	41	APART	
On	RY	02.08.19 - 09.08.19	7	Agronomy	Seed production	Scientific production technology of major oilseed crops	13	2	15	0	0	0	13	2	15	MANAGE	
On	PF	01.10.19	1	Plant Protection	Integrated Crop Management	Training cum Awareness meeting on Stress Tolerant Rice Varieties	17	27	44	1	1	2	18	28	46	APART	
On	PF	10.10.19 , 11.10.19	2	Horticulture	Production and Management technology	Scientific Cultivation of Potato	19	3	22	3	1	4	22	4	26	NRL	
On	PF	14.10.19, 15.10.19	2	Agronomy	Production and Management technology	Integrated Nutrient Management in Potato	35	1	36	2	0	2	37	1	38	NRL	
On	PF	25.10.19, 26.10.19	2	Plant Protection	Integrated Pest Management	Integrated Pest and Disease Management in Rabi vegetables	40	4	44	0	0	0	40	4	44	NRL	

Off	PF	16.11.19	1	Plant Protection	Post Harvest Management	Post Harvest Management including Bio control of Stored Grain Pest of Kharif Pulse Blackgram	16	9	25	0	0	0	16	9	25	CFLD	
Off	EF	27.11.19	1	Agronomy	Post Harvest Technology	Training on Post harvest machinaries	22	12	34	0	0	0	22	12	34	APART	
Off	PF	23.01.20	1	Horticulture	Post Harvest Management	Post Harvest Management of Potato	6	7	13	10	7	17	16	14	30	NEH	
On	PF	24.01.20	1	Horticulture	Production and Management technology	PVS workshop on Potato vegetative stage	31	13	44	4	0	4	35	13	48	APART	
Off	PF	25.01.2020	2	Horticulture	Production and Management technology	PVS workshop on Potato vegetative stage	27	13	40	0	0	0	27	13	40	APART	
Off	PF	25.01.2020	1	Agronomy	Post Harvest Management	Post Harvest Management of Potato	7	44	51	0	0	0	7	44	51	NEH	
On	RY	18.02.20	1 month	Horticulture	Production and Management technology	Skill Development Training on Floriculturist Open cultivation	2	18	20	0	0	0	2	18	20	ASCI	

On	PF	12.02.20	1 month	Tea Husbandry	Plant propagation techniques	Skill Development Training on Tea Plantation Worker	13	7	20	0	0	0	13	7	20	ASCI	
Off	RY	21.02.20 - 05.03.20	6	Animal Science	Entrepreneurial development of farmers/youths	Skill training of Rural Rural youth (STRY) on Integrated Dairy Development	24	4	28	7	1	8	31	5	36	MANAGE	
Off	PF	14.02.20	1	Soil Science	Integrated Nutrient Management	Nutrient management in vegetables	25	12	37	0	0	0	25	17	42	ICAR-NEH	
On	PF	25.02.20	1	Agronomy	Integrated Crop Management	PVS workshop at harvesting stage	21	26	47	3	0	3	24	26	50	APART	
On	PF	11.02.20	1	Soil Science	Seed Production	Quality Seed Production	15	0	15	10	0	10	25	0	25	APART	
On	PF	12.02.20	1		Information networking among farmers	Assam Rice Knowledge Bank	28	1	29	1	0	1	29	1	30	APART	
Off	PF	24.02.20	1		Information networking among farmers	Stakeholder workshop on Rice Knowledge Bank	25	12	37	7	1	8	32	13	45	APART	
Off	PF	25.02.20	1	Agronomy	Integrated Crop Management	PVS Workshop on Baby trial at harvesting stage	30	20	50	0	0	0	30	20	50	APART	

3.4. Extension Activities (including activities of FLD programmes) (Please mention specific Extension Activity conducted by the KVK such as Field Day, Kisan Mela, Exhibition, Diagnostic Visit, etc) during 2019-20

Sl. No.	Extension Activity	Topic	Date and duration	No. of activities	Participants											
					General			SC/ST			Extension Officials			Grand Total (1+2)		
					-1			-2			-3					
					M	F	T	M	F	T	M	F	T	M	F	T
1.	Advisory services	Agriculture and Allied sectors	204	204	128	26	154	39	11	50	0	0	0	167	37	204
2.	Diagnostic visit	Agriculture and Allied sectors	85	85	36	9	45	25	10	35	2	3	5	63	22	85
3.	Field day	Field Day under CFLD Oilseed (Sesamum) under NMOOP 2019-20	14.11.19	1	20	4	24	2	0	2			0	22	4	26
		Field Day on Wet DSR	15.11.19	1	33	16	49	1	0	1			0	34	16	50
		Field Day on LCD (STRV)	20.11.19	1	27	15	42	5	3	8			0	32	18	50
		Field Day on Wet DSR var. BSR	22.11.19	1	27	7	34	8	8	16			0	35	15	50
		Field Day on dry DSR var. Ranjit Sub 1	23.11.19	1	17	5	22	10	18	28			0	27	23	50
		Field Day on LCD STRV var. Ranjit Sub 1	25.11.19	1	26	22	48	0	2	2			0	26	24	50
		Field Day on LCD STRV var. SS1 and LCD PQR	26.11.19	1	17	8	25	14	11	25			0	31	19	50
		Field Day on wet DSR var. Bahadur sub1	03.12.19	1	18	15	33	8	4	12			0	26	24	50

		Field Day onLCD (STRV)	4.12.19	1	34	16	50	0	0	0			0	34	16	50
		Field Day onLCD (STRV)var. SS1	28.11.19	1	23	25	48	1	1	2			0	24	26	50
		Field Day onLCD (STRV)var. Bahadur sub 1	29.11.19	1	22	28	50	0	0	0			0	22	28	50
		Field Day on Wet DSR var. Ranjit Sub 1	3.12.19	1	18	15	33	7	9	16			0	26	24	50
		Field Day on LCD PQR var. Keteki joha	4.12.19	1	17	15	32	8	10	18			0	25	25	50
		Field Day on LCD PQR var. Keteki joha	5.12.19	1	28	23	51	0	0	0			0	28	23	51
		Field Day on Blackgram FLD	17.12.19	1	8	4	12	5	14	19			0	13	18	31
		Field Day on Blackgram var. SB 27-3	21.12.19	1	0	0	0	8	17	25			0	8	17	25
		Field Day on Blackgram var. SB 27-3	26.12.19	1	0	0	0	28	13	41			0	28	13	41
		Field Day on Mustard	03.03.20	1	5	3	8	20	22	42			0	25	28	53
		Field Day on Mustard	06.03.20	1	29	19	48	1	1	2			0	30	20	50
		Field Day on Mustard	07.03.20	1	4	2	6	14	30	44			0	18	32	50
		Total					0			0			0			
4.	Group Discussion	Group discussion on Crop IntensificationVenue:KVK Golaghat	04.12.19	1	2	1	3	5	6	11	1	0	1	8	7	15
		Group discussion on Crop Diversification and Intensification for Doubling Farmers' IncomeVenue:Borchapor	16.10.19	1	4	2	6	17	23	40	7	1	8	28	26	54

		i														
		Group discussion with the 6 (Six) numbers of Custom Hiring Centres established by KVK, Golaghat sponsored by CSR Division of NRL Venue: Borchapori	5.12.19	1	1	2	3	5	6	11	1	0	1	17	8	25
		Total		3			0			0			0			
5.	Kishan Gosthi						0			0			0			
6.	Kishan Mela						0			0			0			
7.	SHG formation						0			0			0			
8.	Exposure visit	Exposure visit		3			0			0			0	70	37	107
9.	Exhibition	Exhibition		3			0			0			0	912	789	1701
9.	Scientists visit to farmers fields			223	809	230	1039	575	315	890	0	0	0	1384	545	1929
10.	Plant/ Animal Health camp	Animal Health camp	11.09.19	1			0			0			0	123	32	165
11.	Vaccination camp	Vaccination programme under FLD of popularisation of dual purpose vanaraja bird through development of cluster villages Venue: Borchapori	27.11.19	1			0			0			0	10	0	10
12.	Farm science club						0			0			0			

13.	Ex-trainee Sammelan						0			0			0			
14.	Farmers seminar/ workshop	Workshop on Petroleum Product Conservation in Agriculture Sector	09.01.20		26	2		2	0				0			
				1			28			2			0	28	2	30
		PVS workshop on Potato vegetative stage	24.01.20		31	13		4	0				0	35	13	48
				1			44			4			0			
		PVS workshop on Potato vegetative stage	25.01.2020		27	13		0	0				0	27	13	40
				1			40			0			0			
		PVS workshop at harvesting stage	25.02.20		21	26		3	0				0	24	26	50
				1			47			3			0			
		Stakeholder workshop on Rice Knowledge Bank	24.02.20		25	12		7	1				0	32	13	45
				1			37			8			0			
		PVS Workshop on Baby trial at harvesting stage	25.02.20		30	20		0	0				0	30	20	50
				1			50			0			0			
		Total					0			0			0	0	0	0
15.	Method demonstration	Method demonstration on Seed treatment of Potato	12.10.19		24	1		25	0	0	0		0	24	1	25
				1									0			
		Method demonstration on Planting method of Potato	12.10.19		13	0		13	0	0	0		0	13	0	13
				1									0			
		Demo on Post Harvest machineries	27.11.19		22	12		34			0		0	22	12	34
				1									0			
		Demo on Post Harvest machineries	23.12.19		14	11		25	5	5	10		0	19	16	35
				1									0			
		Demonstration on Rice Value chain	12.01.20		19	6		25	5	0	5		0	24	6	30
				1									0			
		Demonstration on Post- harvest machineries	12.01.20		12	10		22	8	0	8		0	20	10	30
				1									0			

		Demonstration on Rice value chain machineries	11.02.20	1	29	3	32	3	0	3			0	32	3	35
		Soil sample collection	15.06.19	1	25	0	25	0	0	0	1	1	2	26	1	27
		Total					0			0			0			
	Farmer Scientist Interaction	Farmer Scientist Interaction	12.09.19	1	26	18	44	6	12	18			0	32	30	62
		Farmer Scientist Interaction	12.10.19	1	46	0	46	0	0	0			0	46	0	46
		farmers day	23.12.19	1	14	11	25	5	5	10			0	19	16	35
		Awareness Programme on Fertilizer Management	22.10.19	1	26	18	44	6	12	18			0	32	30	62
		Demo on Post Harvest machineries	23.12.19	1	14	11	25	5	5	10			0	19	16	35
		Awareness Programme on Swarming caterpillar	23.8.19	1	31	19	50			0			0	31	19	50
		Kisan Diwas	23.12.19	1	26	18	44	14	3	17			0	40	21	61
		Vigyan and Kisan Day	25.12.19	1	19	18	37	2	2	4			0	21	20	41
		World Soil Day	5.12.19	1			0			0			0	0	0	0
		Environment Day	05.06.19	1	13	12	25	0	0	0			0	13	12	25
		International Yoga Day	21.06.19	1	34	9	43	5	2	7			0	39	11	50
		World Food Day	16.10.19	1	2	23	25	0	1	1			0	2	24	26

		Rastriya Ekta Diwas	31.10.19	1	15	10	25			0		0	15	10	25
		Constitution Day	26.11.19	1	9	16	25			0		0	9	16	25
		Jal Shakti Abhiyan	23.10.19	3			0			0		0	44	30	74
		Republic Day	26.01.20	1			0			0		0	12	20	32
		Total					0			0		0			
16.	Celebration of important days	Foundation day of Assam Agricultural University	01.04.19	1	2	0	2	10	4	14		0	10	6	16
		Environment Day	05.06.19	1	13	12	25	0	0	0		0	13	12	25
		International Yoga Day	21.06.19	1	34	9	43	5	2	7		0	39	11	50
		Independence Day	15.08.19		10	23	33	2	0	2		0	12	23	35
		Parthenium Awareness Week	16 th August - 22 nd August, 2019	7	72	21	93	0	0	0		0	72	21	93
		Large Scale Tree Plantation Campaign and Krishak Goshti programme	17.09.19	1			0			0		0			204
		Jal Shakti Abhiyan	23.10.19	3			0			0		0			78
		Kisan Diwas	23.12.19	1	26	18	44	14	3	17		0	40	21	61

		Vigyan and Kisan Day	25.12.19	1	19	18	37	2	2	4			0	21	20	41
		World Soil Day	5.12.19	1	29	18	47	12	2	14			0	41	20	61
		Republic Day	26.01.20	1			0			0			0	12	20	32
		Swachta Pukhwada	25.12.19-31.12.19	6	90	101	191	41	20	61			0	131	121	252
		World Food Day	16.10.19	1	2	23	25	0	1	1			0	2	24	26
		Rastriya Ekta Diwas	31.10.19	1	15	10	25			0			0	15	10	25
		Constitution Day	26.11.19	1	9	16	25			0			0	9	16	25
		International Women Day	08.03.20				0			0			0	20	105	125
		Swachta hi sewa	14.09.19-02.10.19				0			0			0			356
		Jal Shakti Abhiyan	23.10.19	3			0			0			0			78
		Total					0			0			0			
18.	Electronic media (CD/DVD)						0			0			0			
19.	Extension literature	3					0			0			0			
20.	Newspaper coverage	23					0			0			0			
21.	Popular articles						0			0			0			
22.	Radio talk						0			0			0			

23.	TV talk						0			0			0			
24.	Training manual	2					0			0			0			
25.	Soil health camp	Soil Health Awareness camp	15.06.19	1	25	0	25	0	0	0	1	1	2	26	1	27
26.	Awareness camp	Awareness Programme on Fertilizer Management	22.10.19	1	26	18	44	6	12	18			0	32	30	62
		Demo on Post Harvest machinaries	23.12.19	1	14	11	25	5	5	10			0	19	16	35
		Awareness Programme on Swarming caterpillar	23.8.19	1	31	19	50			0			0	31	19	50
		Kisan Diwas	23.12.19	1	26	18	44	14	3	17			0	40	21	61
		Vigyan and Kisan Day	25.12.19	1	19	18	37	2	2	4			0	21	20	41
		World Soil Day	5.12.19	1	29	18	47	12	2	14			0	41	20	61
		Environment Day	05.06.19	1	13	12	25	0	0	0			0	13	12	25
		International Yoga Day	21.06.19	1	34	9	43	5	2	7			0	39	11	50
		World Food Day	16.10.19	1	2	23	25	0	1	1			0	2	24	26
		Rastriya Ekta Diwas	31.10.19	1	15	10	25			0			0	15	10	25
		Constitution Day	26.11.19	1	9	16	25			0			0	9	16	25
		Popularization of Mustard var. NRCHB101	23.01.2020	1	18	7	25	12	10	22			0	30	17	47

		Total					0			0			0			
27.	Lecture delivered as resource person	Lecture delivered as resource person		23			0			0			0			
28.	PRA	PRA	11.06.19-12.06.19	1	2	0	2	24	0	24			0	26	0	26
29.	Soil test campaign						0			0			0			
30.	Mahila Mandal Convener meet						0			0			0			
31.	Technology week	1Jai Kisan Jai Vigyan/ Technology week		1			0			0			0	21	20	41
32.	Webcasting Programme	The State Agriculture Minister's conference 2019	08.07.19				0			0			0	15	12	27
		Webcasting of Launching of National Animal Disease Control Programme for FMD & Brucellosis and National Artificial Insemination Programme by the Hon'ble Prime Minister of India	11.09.19	1										73	92	165
Grand Total				647	253	127	380	105	65	170	2	3	2	491	309	8740

3.5 Production and supply of Technological products during 2019-20

A. SEED MATERIALS

Major group/class	Crop	Variety	Quantity (qt)	Value (Rs.)	Number of recipient/ beneficiaries		
					General	SC/ST	Total
CEREALS	Paddy	Ranjit, Ranjit sub-1	74	285000.00	215	146	361
			45	171000.00			
OILSEEDS	Toria	TS 67	14	119000.00	Yet to sale		
PULSES							
VEGETABLES							
FLOWER CROPS							
OTHERS (Specify)							

A1. SUMMARY of Production and supply of Seed Materials during 2019-20

SI. No.	Major group/class	Quantity (ton.)	Value (Rs.)	Number of recipient/ beneficiaries		
				General	SC/ST	Total
1	CEREALS	12	456000.00	215	146	361
2	OILSEEDS	1.4	119000.00	Yet to sale		
3	PULSES					
4	VEGETABLES					
5	FLOWER CROPS					
6	OTHERS					
TOTAL		13.4	575000	215	146	361

B. Production of Planting Materials (Nos. in lakh)

Major group/class	Crop	Variety	Numbers (In Lakh)	Value (Rs.)	Number of recipient beneficiaries		
					General	SC/ST	Total
Fruits	Lemon	Assam Lemon	0.012	36000.00	32	80	112
Spices	Black Pepper	Paniyur I	0.025	50000.00	20	75	95
Ornamental Plants							
VEGETABLES							
Forest Spp.							
Plantation crops							
Medicinal plants							
OTHERS (Pl. Specify) Fodder	Forage crop	Hybrid Napier	0.15	15000	20	30	50

B1. SUMMARY of Production and supply of planting Materials (In Lakh) during 2019-20

Sl. No.	Major group/class	Numbers (In Lakh)	Value (Rs.)	Number of recipient beneficiaries		
				General	SC/ST	Total
1	Fruits	0.012	36000.00	32	80	112
2	Spices	0.025	50000.00	20	75	95
3	Ornamental Plants					

4	VEGETABLES					
5	Forest Spp.					
6	Medicinal plants					
7	Plantation crops					
8	OTHERS (Specify) Fodder	0.15	15000	20	30	50
TOTAL		0.187	101000	72	185	257

C. Production of Bio-Products during 2019-20

Major group/class	Product Name	Species	Quantity		Value (Rs.)	Number of Recipient /beneficiaries		
			No	(qt)		General	SC/ST	Total
BIOAGENTS								
BIOFERTILIZERS	Vermicompost	Eisenia foetida		406.642	487970.40	75	75	150
BIO PESTICIDES								

C1. SUMMARY of production of bio-products during 2018-19

Sl. No.	Product Name	Species	Quantity		Value (Rs.)	Number of Recipient beneficiaries		Total number of Recipient beneficiaries
			Nos	(kg)		General	SC/ST	
1	BIOAGENTS							
2	BIO FERTILIZERS							
3	BIO PESTICIDE							

4	Vermicompost	Eisenia foetida		40664.2	487970.40	75	75	150
5							-	-
	TOTAL			40664.2	487970.40	75	75	150

D. Production of livestock during 2019-20

Sl. No.	Type of livestock	Breed	Quantity		Value (Rs.)	Number of Recipient beneficiaries		
			(Nos)	Kgs		General	SC/ST	Total
1	Cattle/ Dairy							
2	Goat							
3	Piggery							
4.	Poultry							
5	Fisheries							
6	Others (Specify)							
	Hatching Vanaraja eggs	Vanaraja	808		6464	37	23	60
	Hatching quail eggs	Quail	650		2600	19	11	30

D1. SUMMARY of production of livestock during 2019-20

Sl. No.	Livestock category	Breed	Quantity		Value (Rs.)	Number of Recipient beneficiaries		Total number of Recipient beneficiaries
			Nos	(kg)		General	SC/ST	
1	CATTLE							
2	SHEEP & GOAT							
3	POULTRY							
4.	PIGGERY							
5	FISHERIES							
6	OTHERS (Pl. specify)							
	Hatching Vanaraja eggs	Vanaraja	808		6464	37	23	60
	Hatching quail eggs	Quail	650		2600	19	11	30
	TOTAL		1458	0	9064	56	34	90

3.6. Literature Developed/Published (with full title, author & reference) during 2019-20

(A) KVK News Letter ((Date of start, Periodicity, number of copies distributed etc.): **NIL**

(B) Articles/ Literature developed/published :

Item	Title /and Name of Journal	Authors name	Number of copies
Research papers			
1.	1. Bio-efficacy of Native Bioagents and Biofertilizers for the management of Root-knot Nematode <i>Meloidogyne incognita</i> infecting Black Gram <i>Vigna</i>	Arunima Bharali, Bhabesh Bhagawati, Kurulkar Uday	NA

	<i>mungo. International Journal of Current Microbiology and Applied Sciences. 8 (2): 1-18 . https://doi.org/10.20546/ijcmas.2019.804.XX</i>		
2.	2. Bharali A., Bhagawati B. and Uday K. (2019): Nematicidal Toxicity of Native Antagonists against <i>Meloidogyne incognita</i> . <i>International Journal of Current Microbiology and Applied Sciences. 8(2): 1-14.</i> https://doi.org/10.20546/ijcmas.2019.804.XX	Arunima Bharali, Bhabesh Bhagawati, Kurulkar Uday	NA
Training manuals			
Technical Report	Annual Report		
	Report for Scientific Advisory committee		
	Report for ZREAC meeting		
Book/ Book Chapter			NA
Popular articles			
Technical bulletins			
Extension bulletins			
Newsletter			
Conference/ workshop proceedings			
Leaflets/folders			
e-publications			
Any other (Pl. specify)			
TOTAL			

N.B. Please enclose a copy of each. In case of literature prepared in local language, please indicate the title in English

(C) Details of Electronic Media Produced:2 nos.

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number produced
1	CD	Vermi compost production	1
2	CD	Mera Gaon Mera Gaurav	1

1.7 Success stories on horizontal spread of the technologies/Case studies, if any (two or three pages write-up on each case/ successes with suitable action photographs)

3.8 Give details of innovative methodology/technology developed and used for Transfer of Technology during the year: NIL

3.9 Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs):

S. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK
1.	Vegetables	Application of Wood ash for controlling pest	Pest control
2.	Citrus	Application of Tobacco leaf in the hole to control the trunk borer	Pest control
3.	Mango	Produce Smoke at the base of mango tree for controlling mealybug	Pest control
4.	Potato	Spread a layer of wild bihlongoni on floor than keep a layer of potato tuber seed and cover with wild bihlongoni leaves.	To repel potato tuber moth
5.	Cucurbits	Spraying of tobacco soak water + lime water+Leaves of Ahom Bogori	Effective against fruit fly
6.	Rice	Application of leaves of keturi or turmeric to rice field	Control rice hispa
7.	Vegetables	Application of wood ash in vegetables	Control aphids and other sucking insects.
8.	Rice	Placing of bamboo perches in the field	To provide site for predatory bird sitting
9.	Rice	Application of goat excreta in the rice field	To control several diseases of rice
10	Citrus, Cucurbits	Broadcasting of broken rice grain	To attract predatory birds for preying insects
11	Citrus	Application of cut fish water	To attract predatory red tree ant
12	Coconut	Hanging of damaged shoes in the plant	Ritual belief for increased fruiting
13	Vegetables	Application of Salt in Dried cowdung and kept for few days covered with polythene sheet. Thereafter the sheet used to be removed and vegetation grown there is mixed thoroughly and applied to crops	Plant nutrient
14	Pulse	He uses ITK against gram pod borer — 1 litre three days old cow urine kept in air tight container, 50 gm smoothly grinded black tobacco & 100 gm smoothly grinded garlic mixed with 2 litres of water and sprays in gram plants during evening. About 60 per cent control have been achieved against gram pod borer attack.	Pest control of Pulse

15	Sugarcane	He uses ITK against Sugarcane stem borer during flood – 100gm juice extracted from Mulberry plants bark, 1 litre three days old cow urine kept in air tight container, 50gm smoothly grinded black tobacco & 100 gm smoothly grinded garlic mixed with 10 litres of water and sprays in sugarcane crop. About 55 per cent control have been achieved against sugarcane stem borer attack.	Pest control of Sugarcane
16	King Chilli	He uses ITK against King Chilli attacked by field cricket- by mixing 1Kg finely chopped inner core of pseudo stem of Bhimkal, 5 gm bevestin powder and 5 gm gum of Akan plant and apply in ring method. About 60 per cent control have been achieved against the pest.	Pest control of King Chilli
17	Oilseed	Prevention of aphid attack in rapeseed & mustard- To prevent aphid attack in rapeseed & mustard fine ash spread over rapeseed & mustard crop with the help of bamboo sieve during Nov- Dec. About 50-70 per cent control have been achieved against aphid attack.	To prevent aphid
18	Garlic	Preservation of garlic- For seed purpose garlic are preserved by keeping the garlic cloves in bundles over 'Dhuachang' (smoke shade) so that smoke prevents insect attack and garlic sprouted easily. About 60 per cent control have been achieved against pest attack.	Preservation of garlic
19	Colocasia	Preservation of <i>colocasia</i> - If colocasia are kept in soil they sprouted easily. Therefore, <i>colocasia</i> should be kept hanging in wall so that moisture percentage will decrease and they won't sprout. About 75 per cent success was achieved.	Preservation of <i>colocasia</i>
20	Chickpea	Preservation of Chickpea seed- Chickpea seeds are smeared with three days old cow urine kept in air tight container and sun dried once in a month. About 70-80 per cent control have been achieved.	Preservation of Chickpea seed

3.10 Indicate the specific training need analysis tools/methodology followed for

- **Identification of courses for farmers/farm women:** Benchmark survey, PRA, Farmers-scientist interaction, Field observation , interview .
 - Rural Youth: PRA, Farmers-scientist interaction , observation , interview
 - **Extension personnel:** Feedback evaluation , Departmental Communication , Questionnaire , performance analysis

3.11 Field activities

i. Number of villages adopted: 2

Name of the Villages: Borchapori under Morongi Block and Bogoriyoni under Central Golaghat (Kothalguri) block

ii. No. of farm families selected: Borchapori : 125nos. Bogoriyoni: 75

iii. No. of survey/PRA conducted: 1

3.12. Activities of Soil and Water Testing

Status of establishment of Lab : Functional

1. Year of establishment : **March, 2009**

2. List of equipments purchased with amount :

Sl. No	Name of the Equipment			Qty.	Cost
	S&WT lab	Mini lab/ Mridaparikshak	Manufacturer		
1	Kjelplus Nitrogen Analyser	Mridaparikshak	Nagarjuna Agrochemicals pvt. Ltd., Hyderabad	1	2,48,484.00
2	Grinder			1	15,750.00
3	Horizontal Rotary Shaker			1	22275.00
4	Water distillation Still (Wall mounted)			1	10368.00
5	Double water distillation apparatus			1	28912.00
6	Spectrophotometer			1	26424.00
7	Flame Photometer			1	25301.00

8	pH meter			1	8307.00
9	Conductivity bridge			1	9757.00
10	Chemical balance			1	36563.00
11	Double pan physical balance			1	5063.00
12	Double pan physical balance			1	3375.00
13	Shaker			1	18563.00
14	Oven			1	21330.00
15	Hot plate			1	3375.00
16	Refrigerator			1	14,500.00
17	Portable pH meter with combined electrode			1	2000.00
18	Digital Balance (0-5kg)			1	8450.00
19	BOD Incubator			1	RKVY
20	Autoclave			1	RKVY
21	Laminar Air Flow Chamber			1	RKVY
Total					5,08,797.00

3. Details of samples analyzed (2019-20) :

Details	No. of Samples analysed	No. of Farmers	No. of Villages	Amount (In Rupees) realized
Soil Samples	57	517	13	-

Water Samples				
Plant Samples				
Petiole Samples				
Total	57	517	13	-

1. Details of Soil Health Cards (SHCs) (2019-20)

- a. No. of SHCs prepared: 517
- b. No. of farmers to whom SHCs were distributed: 518
- c. Name of the Major and Minor nutrients analysed: N, P, K, S, Zn, OC, P^H, EC, B, Fe
- d. No. of villages covered: 10
- e. Soil health card based nutrient management in different crops ::

Soil health card based nutrient management in different crops of Golaghat district:

The economy of Golaghat district is agriculture based. Rice is the most dominant crop followed by vegetables, pulses, oilseed, tuber crops and sugarcane in the district.

The soils of Golaghat district is mostly of two types viz: new alluvial and old alluvial. The texture of surface soil ranges from fine loam to silty clay loam and coarse silty to fine soils.

Fertility status of Golaghat District:

Most of the soils of Golaghat district is acidic in nature. Organic carbon content found from medium to high. The other major nutrients viz, N,P and K are ranged from medium to high. Sulphur content of the soil is sufficient. Micronutrients viz B and Zn are ranged from deficiency to sufficient. So, according to the nutrient contents of the soil, recommendations for the four major crops grown in the rice belt in a large scale in the district viz, rice, greengram, blackgram and rapeseed are given in the SHC.

Also recommended dose of Zinc (Zn) for rice and Boron (B) for rapeseed are given in the SHC.

Along with these chemical fertilizers the recommended doses of organic manure and Biofertilizers are also given in the SHC

3.13. Details of SMS/ Voice Calls sent on various priority areas

Message type	Crop		Livestock		Weather		Marketing		Awareness		Other Ent.		Total	
	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary
Text only	18	9903	6	2928	6	5166	0	0	8	7356	3	1506	41	26859
Voice	-	-	-	-	-	-	-	-	-	-	-	-	-	-

only														
Voice and Text both	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	18	9903	6	2928	6	5166	0	0	8	7356	3	1506	41	26859

3.14 Contingency planning for 2019-20

a. Crop based Contingency planning

Contingency (Drought/ Flood/ Cyclone/ Any other please specify)	Proposed Measure	Proposed Area (In ha.) to be covered	Number of beneficiaries proposed to be covered		
			General	SC/ST	Total
Flood	Introduction of new variety or crop	50	50	50	100
	Introduction of Resource Conservation Technologies	50	50	50	100
Flood	Distribution of seeds and planting materials	100	100	100	200
	Any other (Please specify)				

5. Livestock based Contingency planning

Contingency (Drought/ Flood/ Cyclone/ Any other please specify)	Number of birds/ animals to be distributed	No. of programmes to be undertaken	No. of camps to be organized	Proposed number of animals/ birds to be covered through camps	Number of beneficiaries proposed to be covered		
					General	SC/ST	Total

4.0. IMPACT:.

4.1. Impact of KVK activities (Not to be restricted for reporting period only)

Name of specific technology/skill	No. of	% of adoption	Change in income (Rs.)

transferred	participants		Before (Rs./Unit)		After (Rs./Unit)	
			Parameters	Borgoria-Letekuchapori CHC	Ponka-Borchapori CHC	
Impact of assistance to farmers through "Custom Hiring Centres"	60	100	Nos. Of members	120	153	
			Membership fee accommodated	224475.00	9500.00	
			Revenue generated from hiring		99215.00	
			Recurring expenses from the CHCs			
			i. Diesel	143699.00	50023.00	
			ii. Servicing	8357.00		
			iii. Driver	33800.00	11500.00	
			iv. Miscellaneous	13296.00	30044.00	
			Profit	25325.00	17148.00	

NB: Should be based on actual study, questionnaire/group discussion etc. with ex-participants.

5.1 Cases of large scale adoption

(Please furnish detailed information for each case)

Technology : HYV Toria

Year	Area	No. of farmers	Yield achieved	Horizontal spread	
				No. of farmers	Area
2015-16	20 ha	50	10 q/ha		
2016-17	80.5 ha	175	11.2 q/ha	>205	>250 ha
2017-18	141.67 ha	201	10.25 q/ha	>540	>650 ha
2018-19	131.39 ha	321	12.38 q/ha	>800	>1000ha

Technology : Ranjit Sub 1

Year	Area	No. of farmers	Yield achieved	Horizontal spread	
				No. of farmers	Area
2015-16	1 ha	5	48.3 q/ha		-

2016-17	3 ha	15	47.8 q/ha	>10	>10 ha
2017-18	6 ha	10	51.25 q/ha	>20	>20 ha
2018-19	45 ha	56	53.1 q/ha	>350	>400 ha

4.3 Details of impact analysis of KVK activities carried out during the reporting period

5.0. LINKAGES ESTABLISHED

5.1 Functional linkage with different organizations

Name of organization	Nature of linkage
Numaligarh Refinery Limited, Golaghat	Financial support to Adopted village under Doubling Farmers Income scheme
NFSM and NMOOP D.A.Office,Golaghat	Cluster Frontline Demonstration Programme on Pulse and Oilseed Training, Field visit, organizing Krishak Samaroh, participation on Exhibition, Seminar, Diagnostic visit, Technical support on different schemes etc.
DVO, Golaghat	Training, Field visit, act as resource person, Diagnostic visit, OFT, FLD & other prog.
DIC, Golaghat	Vocational Training & other CB prog.
NGO like KASS, NASS,SEENE, Renaissance etc.	Cluster Frontline Demonstration,, Technical & financial advisory, Agri- preneural Project preparation, Training
Dev . Block	Soil survey & mapping
Fisheries Research Centre, Jorhat	3-tier Fish-Pig-Poultry construction works, act as resource person, literature devd
Dairy Dev. Board	Act as resource person, Technical advisory service in fodder cultivation
Soil Conservation, Golaghat	Training, Technical Support
RSETI	Training, Technical Support

NB The nature of linkage should be indicated in terms of joint diagnostic survey, joint implementation, participation in meeting, contribution received for infrastructural development, conducting training programmes and demonstration or any other

5.2 List special programmes undertaken by the KVK, which have been financed by State Govt./Other Agencies during 2019-20

Name of the scheme	Activity	Date/ Month of initiation	Funding agency	Amount (Rs.)
--------------------	----------	---------------------------	----------------	--------------

Cluster Frontline Demonstration (CFLD)	Demonstrations on: 1. Blackgram Var. PU-31 : 10 ha 2. Lentil Var. KLS-218: 50 ha 3. Sesame Var. Bohuabheti local: 10 ha	2015-16	NFSM and NMOOP	
Tribal Sub Plan (TSP)	Demonstrations on: 1. Fishery based Integrated Farming System model: 4 nos 2. Development of Scientific Bari system under Agro- Forestry: 18 nos.	15.03.17	Director of Research, AAU, Jorhat	
Adopted village for Doubling Farmers income	Establishment of Custom Hiring Centre : 6 nos.	2017-18	ICAR, AAU,	

5.3 Details of linkage with ATMA

a) Is ATMA implemented in your district (Yes/No): Yes

Sl. No.	Programme	Nature of linkage	Remarks
1	APART	Training of Extension functionaries	

5.4 Give details of programmes implemented under National Horticultural Mission: Nil

S. No.	Programme	Nature of linkage	Constraints if any

5.5 Nature of linkage with National Fisheries Development Board : Nil

S. No.	Programme	Nature of linkage	Remarks

6. PERFORMANCE OF INFRASTRUCTURE IN KVK DURING 2019-20

6.1 Performance of demonstration units (other than instructional farm)

Sl. No.	Demo Unit	Year of estd.	Area	Details of production			Amount (Rs.)		Remarks
				Variety	Produce	Qty.	Cost of inputs	Gross income	
1									

6.2 Performance of instructional farm (Crops) including seed production

Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
Cereals									
Rice	-	-	2.5 ha	Ranjit, Ranjit sub-1	Certified seed	120 q		456000.00	
Wheat									
Maize									
Any other									
Pulses									
Green gram									
Black gram									
Arhar									
Lentil									

Any other									
Oilseeds									
Toria			3 ha	TS 67	Foundation seed	14.00 Q		Yet to sale	
Soy bean									
Groundnut									
Any other									
Fibers									
i.									
ii.									
Spices & Plantation crops									
i.	Black pepper			Paniyur I	Cuttings	2500 nos.	1200.00	50000.00	
ii.									
Floriculture									
i.									
ii.									
Fruits									
i.	Lemon			Assam Lemon	Cuttings	1200 nos.	1050.00	36000.00	
ii.	Guava								
Vegetables									
i.									

ii.									
a. Others (specify)									
i.	Fodder			Hybrid Napier	seedling	15000	1500	15000	
ii.									

6.3 Performance of production Units (bio-agents / bio pesticides/ bio fertilizers etc.,)

Sl. No.	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1	Vermicompost	406.642 q		487970.40	

6.4 Performance of instructional farm (livestock and fisheries production) : nil

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed/ species	Type of Produce	Qty.	Cost of inputs	Gross income	

6.5 Rainwater Harvesting

Training programmes conducted by using Rainwater Harvesting Demonstration Unit: Nil

Date	Title of the training course	No. of	No. of Participants including SC/ST	No. of SC/ST Participants

		Client (PF/R/Y/EF)	Courses	Male	Female	Total	Male	Female	Total

6.6. Utilization of hostel facilities (Month-Wise) during 2019-20

Accommodation available (No. of beds) : 23 no. of beds are available.

Months	Title of the training course/Purpose of stay	Duration of Training	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
Total					
Grand total					

Note: (Duration of the training course X No. of trainees)=Trainee days

7. FINANCIAL PERFORMANCE

7.1 Details of KVK Bank accounts

Bank account	Name of the bank	Location/ Branch	Account Number
With Host Institute	State Bank of India	Pulibor ADB	11472897329
With KVK	State Bank of India	Pulibor ADB	11472899348
Revolving Fund	State Bank of India	Pulibor ADB	11472897679

7.2 Utilization of funds under FLD on Maize (Rs. In Lakhs) if applicable: Nil

	Released by ICAR/ZPD		Expenditure		Unspent balance as on 31 st March, 2019
	Year	Year	Year	Year	
Inputs					
Extension activities					
TA/DA/POL etc.					
TOTAL					

7.3 Utilization of KVK funds during the year 2019-20

S. No.	Particulars	Sanctioned (in Lakh)	Released (in Lakh)	Expenditure (in Lakh)
A. Recurring Contingencies				
1	Pay & Allowances	82.00	103.47274	103.47274
2	Traveling allowances	2.3	2.3	2.3
3	Contingencies			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)			
B	POL, repair of vehicles, tractor and equipments			
C	Meals/refreshment for trainees			
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	15.5	14.87096	14.87096

<i>E</i>	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)			
<i>F</i>	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)			
<i>G</i>	Training of extension functionaries			
<i>H</i>	Maintenance of buildings			
<i>I</i>	Establishment of Soil, Plant & Water Testing Laboratory			
<i>J</i>	Library			
TOTAL (A)		99.8	120.6437	120.6437
B. Non-Recurring Contingencies				
1	Works			
2	Equipments including SWTL & Furniture			
3	Vehicle (Four wheeler/Two wheeler, please specify)			
4	Library (Purchase of assets like books & journals)			
5	HRD			
TOTAL (B)		99.8	120.6437	120.6437
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		99.8	120.6437	120.6437

7.4 Status of Revolving Fund (Rs. in lakhs) for last three years

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year
------	---	------------------------	-----------------------------	--

April 2017 to March 2018	34693.38	635097.00	325876.00	343914.38
April 2018 to March 2019				
April 2019 to March 2020				

Note: No KVK must leave this table blank

8.0 Please include information which has not been reflected above. (Write in detail)

9.0 Constraints

- (a) Administrative
 - i) Campus Security
 - ii) Restricted Mobility of Scientists due to lack of sufficient office Vehicle
- (b) Financial:
 - i) Non-allocation of fund for non-recurring item
 - ii) Low budget for residential training
- (c) Technical:
 - i) Non-availability of farmers lounge
 - ii) Lack of basic amenities for library

**(F.U. A. Ahmed)
Sr. Scientist cum Head
KVK, Golaghat**