

ANNUAL REPORT

2018-19



KRISHI VIGYAN KENDRA : GOLAGHAT
ASSAM AGRICULTURAL UNIVERSITY
KHUMTAI-785619:: ASSAM

PROFORMA FOR ANNUAL REPORT OF KVKs, 2018-19

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 Senior Scientist and Head with phone & mobile No

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. F.U. A. Ahmed	7002647880	7002647880	faahmed 2005@gmail.com

1.4. Year of sanction: 1995

1.5. Staff Position (**As on 31st March, 2019**)

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. Haridra Sarma	Subject Matter Specialist	Agricultural Extension	15600-39100+GP 7000 (as per 6 th CPC)	28450.00	06.08.11	P	Others
5	Subject Matter Specialist	Mrs. Sukritee Hazarika	Subject Matter Specialist	Soil Science	15600-39100+GP 5400 (as per 6 th CPC)	23640.00	01.02.14	P	OBC

6	Subject Matter Specialist	Mrs. Mridusmita Borthakur	Subject Matter Specialist	Community Science	15600-39100 + GP 5400(as per 6 th CPC)	21000.00	10.08.18	P	Others
7	Subject Matter Specialist	Mr. Bhoirab Gogoi	Subject Matter Specialist	Horticulture	15600-39100 + GP 5400(as per 6 th CPC)	21000.00	26.04.18	P	OBC
8	Subject Matter Specialist	Ms. Krishnakhi Bora	Subject Matter Specialist	Agronomy	15600-39100 + GP 5400(as per 6 th CPC)	21000.00	10.08.18	P	OBC
9	Programme Assistant (Computer)	Mrs. Smritirekha Bhuyan	Programme Assistant	Computer Sc.	9300-34800+ GP 4200 ((as per 7 th CPC)	52000.00	14.11.08	P	Others
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. Pranjit Gogoi	Driver cum Mechanic	-	5200-20200+ GP 2000 (as per 7 th CPC)	26000.00	22.02.12	P	OBC
14	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
15	Supporting staff	Mr. Bhuben Boruah	Grade-IV	-	5200-20200+ GP 1800 (as per 7 th CPC)	18000.00	10.07.18	P	OBC
16	Supporting staff	Mr. Ajit Sarmah	Grade-IV	-	5200-20200+ GP 1800 (as per 7 th CPC)	18000.00	13.07.18	P	Others
	Total	16							

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	0.08
5.	Orchard/Agro-forestry	0.2
6.	Others (specify)	0.80

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
Bollero	AS-03 H 9470	2012	-	194180	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 2018-19

Sl. No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken on last SAC recommendation
1.	24.01.19	<ol style="list-style-type: none"> 1. Dr. K. M. Bujarbaruah, Vice Chancellor, AAU, Jorhat 2. Dr. P. K. Pathak, Director of Extension Education, AAU, Jorhat 3. Dr. A. Bhattacharyya, Director of Research(Agri), AAU, Jorhat 4. Dr. N. Kalita, Director of Research(Vety), AAU, Jorhat 5. Dr. R. Bordoloi, Principal Scientist, ICAR, ATARI, Zone-VI 6. Md. F. Ahmed, ACS, District Development Commissioner, Golaghat 7. Dr. B.C. Bordoloi, Chief Scientist, SRS, AAU, Buralikson, Golaghat 8. Dr. T. Ahmed, Chief Scientist, RARS, AAU, Titabor 9. Mr. Nabin Chandra Bora, District Agricultural Officer, Golaghat 10. Dr. A. K. Borah, Dist. Veterinary Officer, Golaghat 11. Syed Rajibur Rahman, Assistant Director, District Agricultural Officer, Golaghat 12. Mr. S. Chakraborty, DDM, NABARD, Golaghat 13. Mr. S. R. Thakur, LDM, UBI, Golaghat 14. Dr. S. D. Choudhury, Vety Officer, Shillonijan 15. Dr. Sumantajit Bhuyan, Seed Testing Officer, Jorhat 16. Mr. P. Mudoi, Div. Officer, Soil Conservation 17. Mr. Abinash Dutta, Project Director, DRDA, Golaghat 18. Ms. Silpika Gogoi, Fishery Development Officer, O/o the DFDO, Golaghat 19. Mr. Tapan Das, Assistant Executive Engineer, Irrigation, Golaghat 20. Mr. J. A. Ahmed, ACF, Golaghat 21. Mohendra Konwar, Asstt. Director of Sericulture, Golaghat 22. Mr. Biswajit Das, HOD, All India Radio, Jorhat 23. Mr. P. K. Dutta, All India Radio, Jorhat 24. Smt. Arati Bailung, Progressive Farmer, Letekuchapori 25. Mrs. Manjuma Begum, Progressive Farmer, Dhemaji Koiborta Gaon 26. Mr. Biren Gogoi, Progressive Farmer, Borphukankhat 27. Mr. Debojit Kaman, Progressive Farmer, 2 No Porongonia, Golaghat 28. Mr. Rajkamal Saikia, General Manager, CSR branch, Numaligarh Refinery Limited 29. Mr. Mintu Handique, Deputy General Manager, CSR branch, Numaligarh Refinery Limited 30. Dr. F.U.A. Ahmed, Senior Scientist and Head, KVK, Golaghat 	<ol style="list-style-type: none"> 1. All activities done under APART will be part of KVK activities. 2. Develop expertise in case of Agriculture, veterinary, fishery through Agricultural Incubation Programme. 3. Increase area under oilseed and pulses in collaboration with Department of Agriculture. 4. Conduct a Dairy workshop in KVK in collaboration with line Departments. 5. Pork processing unit should be developed through formation of FIGs and link up with Start-up companies. 6. Quail, Poultry and Piggery units to be increased. 7. Spawn production should be carried out in KVK, Golaghat. In this connection a Research Associate will be allotted by Honourable Chairman sir . 8. In case of Custom Hiring Centre, details of procedure should be submitted. 9. Small scale Cold storage should be established in Golaghat district. 10. Preparation of leaflets, booklets etc. to make aware all the farmers of different age groups about the central government schemes like, "Krishi Uran", "Agri incubators", "Organic Agriculture" etc. and their benefits. 11. Following programmes should be undertaken under Community Science: <ol style="list-style-type: none"> A) FLDs on Bhindi fibre extraction should be included. B) Component under Child Development and Food and Nutrition C) Assam mix should be popularized. 	<p>OFT, FLD ,Training programmes and other extension activities for FY 2018-19 have been formulated as per the recommendations</p>

* 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	Khariif 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,2018	71.8	31.47	21.9	81
May,2018	189.6	31.55	25.8	89
June,2018	337.0	33.56	24.6	93
July,2018	222.3	32.30	24.8	95
August,2018	254.0	33.17	24.3	94
September,2018	153.8	32.41	23.2	91
October, 2018	9.4	30.47	21.1	83
November, 2018	18.8	27.47	17.9	75
December, 2018	0	26.75	12.5	74
January,2019	4	24.97	10.3	75
February,2019	31.8	26.17	12.1	77
March, 2019	128	26.08	18.3	87

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 (2018-19)

SI. 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, Porongonia, Namtemera, Naromari, Chohola, Budhbari, Hahsura Mohuramukh, Hatimara, Diffolu pathar	Rice, fishery, vegetables, rapeseed, boro paddy, Pulses	Injudicious and imbalanced use of chemicals, Under nutrition; food, fad and fallacy	Organic farming, Improved variety, Integrated Nutrient management, Integrated Pest and disease Management, Integrated Crop Management

02	Morongi	Badulipar, Borgoria, Ponka, Kordoiguri, Morongi, Doigrung, Numaligarh, Borchapori, 3 No. Koibarta, Jathipotia, Mithaam chaponi, Leteku chaponi, Rajabari, Napathar, 5 no. Rongbong, Purabangla, Gandhi Gaon, Bishnupur	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 	<ol 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, Bogoriyoni, Bongaon, Chinnatali, Melamora, Maukhua, Furkating, Jamuguri, Bengenakhua, Erengapara, Mudoigaon, Buralikson, Bonbagisha, Kamar Gaon, Kakoti Gaon, Gosai bari, Bholaguri, Likson Bahupathar, Thengal Gaon, Kachupathar, Gari Gaon, Hautoli, Aka Moluwa	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, Kachubaria gaon, Dhemaji koibarta, Lemchapor, Khokondoguri, Baliduwar, Santipur	Rice, vegetables, tea	Low productivity	Crop management, Improved variety, Nutrient management
05	Golaghat North (Dergaon)	Na-bhanga, Sawguri, Dighalipam, Lesapathar, Kuraliguri, Dergaon, Dubi Gaon, Gelabeel	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, Athkelia, Oating, Choudangaon, Pulibor, Chutia Gaon, Balijan, 1 no. Borjan	Rice, Rapeseed, Dairy	Under nutrition; food, fad and fallacy	Crop improvement, Food and nutrition
07	Gamariguri	Merapani, Gamari, Choudangaon, Pulibari, Betonipatty	Rice, Home science	Under nutrition; food, fad and fallacy	Crop improvement, Food and nutrition
08	Golaghat South (Sarupathar)	Barbali, Borpathar, Ahom Gaon, Gandhkoroi, Naojan, Thurajan, Murphuloni	Rice, Rapeseed, vegetables, fishery	Low productivity	Crop improvement, Integrated Pest Management

3. TECHNICAL ACHIEVEMENTS

3. A. Details of target and achievements of mandatory activities by KVK during 2018-19

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	2	2	6	6	2	8	10	721
Horticulture	2	5	4	14	2	4	10	31
Soil Science	3	4	11	14	4	4	20	73
Plant Protection	3	4	9	35	3	4	7	62
Animal Science	2	1	10	9	3	1	27	15
Home Science	2	2	8	9	3	3	15	17
Total	14	18	48	87	17	24	89	913

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	58	66		1937	426	674	2355	7708
Rural youth	12	6		165			40	4370
Extn. Functionaries	9	8		249			598	275
Total	79	80		2351			2793	12353
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		
Torja var. TS 67		1.8		Lemon Var. Assam Lemon		0.00904		
				Guava var. L-69		0.00075		

2. B. Abstract of interventions undertaken during 2018-19

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		Submergence tolerance Sali rice var. Ranjit sub-1 under flash- flood condition				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		Performance of New Blackgram Varieties SB 42-8, SB 43-8 and PU-31(Check)					

		Sorghum	Lack of knowledge of cultivation practice of sorghum	Sorghum Cultivation for Biomass Production for Biofuel					Seed
		Toria	Low yield of traditional varieties		Scientific Cultivation of Toria:: HYV "TS 67" (under NRL CSR programme)				
					Scientific Cultivation of Toria:: HYV "TS 46 (under APART)				
		Mushroom			Year round production of oyster mushroom Variety – German Ostreatus Blue Pin				
		Marigold	Lack of knowledge about production technology		Popularization of Year Round Production of Marigold Var. Seracole				Planting material, fertilizer

		Blackgram	Lack of suitable high yielding variety	Performance of New Black gram Varieties SB 42-8, SB 43-8 and PU-31(Check)					
2	Integrated crop management	Chilli	Lack of knowledge about Scientific production technology	Performance of Chilli var.CV-KH at Golaghat district					Planting material, Plastic for mulching
		Pea	Lack of knowledge about Integrated crop management	Pea var. Aman					Seed, fertilizer
		Papaya			Popularization of Papaya var. Red Lady				Planting material, fertilizer
3	Breed introduction	Poultry	Lack of knowledge about Quail farming		Introduction of Quail Breed of Poultry				Chicks, poultry house
			Lack of knowledge about new breed of Backyard poultry	Introduction of Rainbow Rooster Breed of Poultry					
4	Integrated Nutrient Management	Banana	Lack of proper nutrient management and non utilization of farm waste by farmers	Integrated Nutrient Management in Banana					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 Toria: TS-67					
			Lack of proper nutrient management by farmers	Fertilizer Prescription Equation for targeted yield on Hybrid Rice					Seeds and other critical inputs
		Lentil	Lack of suitable strain for inoculation, Excessive use of N fertilizer	Assessment of Biofertilizer inoculation on nutrient use efficiency of Lentil in Rice – fallow system					Seeds and other 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(var. Ranjit).				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

		Potato	❖ Indiscriminate use of chemical pesticides in storage causes environmental pollution and health hazards to animal and human being. ❖ No suitable low cost method of storage of potato	Management of potato tuber moth in storage by using locally available materials					Tuber and critical inputs
8	Mushroom Production	Mushroom	Lack of high temperature resistant mushroom variety	Varietal evaluation of oyster mushroom var. German ostreatus blue pin	Oyster mushroom production technology	Entrepreneurship development through mushroom production technology			Mushroom spawn , Polypropylene bag
9	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 of Protective clothing for agricultural operations					Protective Clothing
10	Nutritional care				Establishment of Nutrition Garden				
11	Value addition	Okra	Non utilization of Bio-waste	Effectiveness and utilization of bhindi (Okra) fiber					

3.1 Achievements on technologies assessed and refined during 2018-19

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	3		2					7
Seed / Plant production										0
Weed Management										0
Integrated Crop Management										0
Integrated Nutrient Management	2	1	1			2				6
Integrated Farming System										0
Mushroom cultivation										0
Drudgery reduction	1									1
Farm machineries										0
Value addition										0
Integrated Pest Management									1	1
Integrated Disease Management										0
Resource conservation technology					1					1
Small Scale income generating enterprises										0
Soil Microbes (Beneficial)	1									1
TOTAL	5	2	4	0	3	2	0	0	1	17

* 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								
Feed and Fodder								
Small Scale income generating enterprises								
TOTAL		1						1

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 Integrated Nutrient Management in Toria under Rice – Toria Cropping system	Imbalanced use of chemical fertilizer	Technology : 45:22.5:22.5 kg (N:P ₂ O ₅ :K ₂ O)/ha along with Bio-fertilizer (Azotobacter and PSB each @ 40g/kg of seed) FP: RDF (40:35:15 kg N:P ₂ O ₅ :K ₂ O kg/ha)	Toria	3	Plant Height: 110-115 cm No. of Primary branch : 3 (Avg.) No. of Secondary branch : 6 (Avg.) No. of Siliqua/ plant: 260 (Avg.) Siliqua length : 4.5 cm (Avg.) Duration: 105 days Yield: Demo-11.85 q/ha Farmers' practice : 7.25 q/ha Net return: Technology:: 22270.00 Farmer's practice: 5350.00	Satisfied	Can be promoted for large scale adoption	Technology: 1.8:1 Farmers' practice : 1.3:1
2	Biofertilizer inoculation in Lentil under Rice - Pulse system	Lack of suitable strain for inoculation, Excessive use of N fertilizer	Technology :Seeds inoculation with biofertilizer with Rhizobium & PSB 50 @ 50g/kg of seeds+ Ammonium molybdate @ 0.5kg/ha along with fertilizer dose of 10:26:15 kg N:P ₂ O ₅ :K ₂ O/ha and 20 kg ZnSO ₄ /ha FP: RDF (15:35:00 kg N:P ₂ O ₅ :K ₂ O kg/ha)	Lentil	3	Plant Height: 40-45 cm Pod / plant: 78-99(Avg.) Seed/ pod: 2 Test weight: 20.4 g Pod length: 0.8 cm Duration: 111 days Yield: Demo-6 q/ha Farmers' practice – 4.72 q/ha Net return: Technology:: 5532.00 Farmer's practice: 1340.00	Farmers are Satisfied	Can be promoted for large scale adoption	Technology: 1.3:1 Farmers' practice : 1.1:1

3	Integrated Nutrient Management in Banana	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.: Grand Naine (G9), tissue cultured FP: Conventional (Continued from 2017-18 to 2018-19)	Banana	3	Yield: Technology:: 48 t/ha Farmer's practice: 15.5 t/ha Net return: Technology:: 11,63,750.00 Farmer's practice: 8,97,000.00	Satisfied	Can be promoted for large scale adoption	Technology: 2.48:1 Farmers' practice : 2.20:1
4	Stagewise 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 sagar suckers FP: Conventional	Banana	1	Ongoing	-	-	NA
5	Performance of Chilli var.CV-KH at Golaghat district	Lack of high yielding improved variety	Technology : 300 plants per 100 square meter Spacing: 60 x 45 cm	Chilli	4	Ongoing	-	-	NA
6	Performance of Pea var. Aman	Lack of high yielding variety of Pea	Pea var. Aman	Pea	5	Plant Height : 61.5 cm Pods per plant:12.13 nos. Seeds per pod: 6 nos. Yield: 16.5 q/ha	Satisfied	Can be promoted for large scale adoption	2.15

7	Sorghum Cultivation for Biomass Production for Biofuel	Lack of awareness about Sorghum cultivation	Seed Rate : 8kg/ha Fertilizer dose : 90:50:20 :: N:P ₂ O ₅ :K ₂ O Var.: RVICSH 28, ICSV 93046 Spacing : 60cm x 15cm Season: Kharif	Sorghum	2	Parameter s	V1 : ICSH 93046	V2 : RVICSH 28	Moderate satisfaction	Marketing of Sorghum can be explored for fodder and grain purpose.	Technology: 2.55:1 Farmers' practice : 2.20:1
						Plant ht. (cm)	240	300			
						No. of leaves / plant	9.2	12.2			
						Length of Penicle (cm)	23.6	30.4			
						Fresh biomass yield (g/sq. m)	2450	3100			
						Dry biomass yield (g/sq. m)	1370	2300			
						Growth	Mild non synchronized growth	Mild non synchronized growth			
						Biotic / abiotic stress if any	No major pest, Excess rain water results in less germination of seed,	No major pest, Excess rain water results in less germination of seed, Bird attack the			

						<table border="1"> <tr> <td></td> <td>Bird attack the panicles</td> </tr> <tr> <td>Any others</td> <td>Performs well in organic matter rich soil having a good water holding capacity but excess water or heavy rain results in poor germination of seeds</td> </tr> </table>		Bird attack the panicles	Any others	Performs well in organic matter rich soil having a good water holding capacity but excess water or heavy rain results in poor germination of seeds			
	Bird attack the panicles												
Any others	Performs well in organic matter rich soil having a good water holding capacity but excess water or heavy rain results in poor germination of seeds												
8	Use of Zn solubilizing bacteria for Zn Nutrition of rice followed by Toria	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 Rice Variety : Kola Joha	Rice	5	Yield: T1:3.42t/ha T2: 2.9 t/ha Net return: T1:34,252.00 T2: 26,210.00	The technology convinced the farmers as it is suitable and profitable and encouraged them for economical as well as environmentally safe	Can be promoted for large scale adoption	T1:2.18 T2: 1.96				

9	Effect of combined application of Zn & Boron on Rice-Rapeseed sequence	Lack of proper nutrient management by farmers.	<table border="1"> <tr> <td>Rice var. Ranjit</td> <td>Toria var. TS 67</td> </tr> <tr> <td>T1: FP</td> <td>T1: FP</td> </tr> <tr> <td>T2: RD of NPK:: 60:20:40</td> <td>T2: RD of NPK</td> </tr> <tr> <td>T3: 1.5 kg B/ha + 5 kg Zn/ha + RD of NPK</td> <td>T3: RD of NPK</td> </tr> </table>	Rice var. Ranjit	Toria var. TS 67	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	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
Rice var. Ranjit	Toria var. TS 67																
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	Fertilizer Prescription Equation for targeted yield on Hybrid Rice	Improper nutrient management by farmers	Rice : T1: FP T2: Targeted Yield 70q/ha- Inorganic::Only N,P & K fertilizer(Urea, SSP and MOP) based on soil test values. T3:Targeted Yield 70q/ha-IPNS:: N,P & K fertilizer(Urea, SSP and MOP) based on soil test values + Vermicompost @ 2t/ha. Amount of N,P, & K fertilizer will be adjusted after analysis of initial soil and FYM sample.	Rice	3	Yield T1: 6.4t/ha T2: 7.2t/ha T3: 7.4t/ha Net Return T1:56,400.00 T2:98,580.00 T3:97,480.00	Farmers accept the technology in terms of yield and economically beneficial	Technology can be promoted	T1:2.09 T2:3.38 T3:3.47								

11	Performance of Toria var. TS 46	Lack of knowledge on high yielding variety of toria	Toria Var. TS 46	Toria	5	Yield: Technology: 10.48 q /ha Net return: 19516.00	Farmers accept the technology in terms of yield and economically beneficial	Technology can be promoted	Technology: 1.8
12	Performance of New Black gram Varieties SB 42-8, SB 43-8 and PU-31(Check)	Lack of suitable high yielding variety	T1 : SB 42-8 T2 : SB 43-8 T3: PU-31(Check)	Black gram	5	Yield : T1 : SB 42-8 : 5.4 q/ha T2 : SB 43-8: 5.1 q /ha T3 : PU-31 (Check): 5.3 q/ha Pest/ disease incidence : T1 : SB 42-8 : Incidence of Apilechna beetle(0.02%)---- Spraying was done with Rogor @ 2ml/lit T2 : SB 43-8: Incidence of Apilechna beetle(0.02%)---- Spraying was done with Rogor @ 2ml/lit T3: PU-31 (Check); Incidence of Apilechna beetle(0.02%)---- Spraying was done with Rogor @ 2ml/lit Net Return: T1 : SB 42-8 : 18700.00 T2 : SB 43-8: 16900.00 T3: PU-31(Check): 18100.00	Farmers accept the technology in terms of yield and economically beneficial	Technology can be promoted	T1 : SB 42-8 : 1.36 T2 : SB 43-8: 1.23 T3: PU-31(Check): 1.32

13	Performance of triple disease resistant tomato varieties in Golaghat district	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.	T1 : Arka Rakshak T2 : Arka Samrat T3:Farmer's practice (var. Anup	Tomato	5	Yield : T1 : Arka Rakshak: 480q/ha T2 : Arka Samrat : 478 q /ha T3: Farmer's practice (var. Anup) : 475 q/ha Pest/ disease incidence : T1 : 0.01% Incidence of Early blight was found. No infestation of Late Blight , Bacterial wilt and Tomato leaf curl virus was observed T2 : 0.01% Incidence of Early blight was found. No infestation of Late Blight , Bacterial wilt and Tomato leaf curl virus was observed T3: 0.01% Incidence of Early blight and 0.02% Late blight were found.	Farmers accept the technology and satisfied in terms of yield and disease and pest resistance	Less market price due to dull fruit colour of Arka Rakshak and Arka Samrat compared to farmers' variety Anup	T1 : 4.4 T2 : 4.38 T3 : 5.17
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14	Management of potato tuber moth in storage by using locally available materials	❖ Indiscriminate use of chemical pesticides in storage causes environmental pollution and health hazards to animal and human being. ❖ No suitable low cost method of storage of potato	T1 : 4 cm thick layer of shade dried "neem" leaves under and over stored tubers. T2 : 4 cm thick layer of shade dried "Eucalyptus" leaves under and over stored tubers. T3 : 4 cm thick layer of shade dried "Ageratum conyzoides" leaves under and over stored tubers.	Potato	5	Ongoing. Potatoes have kept in storage. No pest was observed in treated potatoes till date
15	Performance of Summer Blackgram var. PU 31	Lack of awareness on cultivation of summer blackgram	Blackgram Var. PU 31	Black gram	20	Ongoing. Crop is in flowering starts

16	Effectiveness and utilization of bhindi (Okra) fiber	Non utilization of Bio – degradable waste	1.The mature bhindi (Okra) stems contain crude fibre, the fibres are about 2.4 m long which is used in textile field as fibre and also substitute of jute. 2. Extraction of fibre from bhindi plants by water retting process. Duration of retting for extraction of fibre -15 days. 3. Product development.	Okra	5	Technology : Ease of fiber extraction : Simple fiber extraction process Length of fiber: Maximum length - 2.2 m, Avg- 1.6 m Product development: Products of good quality (like table mat, flower vase and purse) were developed from extracted fiber. Farmers Practice- Nil	Farm women are very much satisfied with the new technology	Need to be repeated for next season	
17	Effectiveness of protective clothing for agricultural operations	Health hazards of women while performing agricultural operations	1. Head Dress 2. Apron 3. Pant As per the specification of Clothing and Textile Department, College of Community Science, AAU 2105-16	Protective clothing	4	Protect from itching/ cut-10/10, Protect head from dust10/10, Protects Nose from dust -10/10, Protects eyes -9/10, Eye sight 7/10, comfortable to work-9/10.	Farm women are very much satisfied with the new technology.	Found satisfactory	
18	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)	Ongoing			

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>PRA was conducted at Sanssad Adarsh Gram Gondhakoroi, Sorupathar</p> <p>No. of participating farmers: 52</p> <p>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.</p> <p>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.

Basic information of the village :	
Name of village	: 1 No. & 2 No. GondhaKoroi gaon
Gram Panchayat	: Gondhakoroi
Sub-Division	: Dhansiri
Police Station	: Sarupathar
District	: Golaghat
State	: Assam
Name of President	: Mrs. Rekha Bora
Name of Secretary	: Mr. Ananda Chutia
Name of Head man of Gondhakoroi gaon	: 1 No. : Mr.Biju Chutia 2 No.: Mr. Ajit Saikia
Geographical Coordinates	
Total area	: 13152 bigha
Cultivated area	: 10,000 bigha
Irrigated area	: 100 bigha
Residential area	: 3000 bigha
Fallow land	: No

Pasture land	:	No
Panchayat land	:	2 bigha
Water body	:	Tube well: 850 nos. Common pond : 4 nos. Under Panchayat Av. Water area:5 bigha Largest : Rudrasingha pond (20 bigha)
Common paddy field	:	1 no. Area : 10 bigha Club: Milonjyoti club
Demographic pattern		
Total household number	:	785
Total number of family	:	885
No. of joint families	:	100
No. of nuclear families	:	785
Total population	:	4,700
No. of male	:	2115(45 % of total)
No. of female	:	2585(55% of total)
Literacy rate	:	100%
Community organization		
No. of Hindu families	:	767
No. of Christian families	:	100 nos.
No. of tribal families	:	18 no.
Tribal population	:	127
Name of the tribe	:	Bodo
Major caste structure	:	General
Major social occupation	:	Farming
Occupational distribution of family		
Families engaged in agriculture	:	885 Nos.
Families engaged in agriculture+ business	:	50 Nos.
Families with Govt. Services	:	100 Nos.
Families with animal husbandry with agriculture	:	800 Nos.
No. of Farm	:	Broiler Farm 50 nos.
Household with sericulture	:	500 Nos.
Household with bee keeping	:	No
Household with mushroom cultivation	:	100 Nos.
No. of SHGs	:	30 Nos.

	:	Major activity : Weaving, Pickle making, Piggery, Broiler farming, Goat farming
Schools	:	LP: 4 nos. Anganwadi: 4 nos. High School : 1 no. Jatia Vidyalaya: 1 no.
PHC	:	1 no.
Library	:	1 no.
Club	:	3 nos.
Mandir/Namghar/ Church	:	13 nos.
Agricultural Scenario		
Land distribution		
Kharif	:	10,000 bigha
Rabi	:	Nil
Summer	:	Nil
Av. Land holding / household	:	12 bigha
Tractor	:	8 nos.
Power tiller	:	500 nos.
Rice mill	:	7 nos.
Kharif crop		
Name	:	Paddy
Variety	:	Ranjit & Pajjam
Area	:	10000 bigha
Yield	:	30 q/ha
Rabi crops		
Crop	:	Rabi vegetables
Variety	:	No record
Area	:	In Bari (No record)
Yield	:	Home consumption
Animal husbandry		
Animal	:	Cow
Breed	:	Local
Productivity	:	1.5 litre/cow
Animal	:	Pig
Breed	:	Local
Name	:	Poultry
Breed	:	Local & Broiler

Name	:	Duck
Breed	:	Local
Name	:	Goat
Breed	:	Local

Bench mark survey/ PRA	Bench mark survey	Benchmark data collection for DFI programme	1	<p>Bench mark survey was conducted at Bogoriyoni village for adoption of village under Doubling Farmers Income programme.</p> <ul style="list-style-type: none"> No. of Household/ Farm family surveyed : 75 <p>Information on surveyed households:</p> <ul style="list-style-type: none"> Total population of surveyed household: 313 nos. Caste wise household: G=6 MOBC=28 OBC=38 SC=2 ST=1 Cultivated area=129.04 ha Irrigated area= 45.60 ha Non-irrigated area=56.60 ha Fallow area=0.67 ha Water body=1.11 ha Paddy growing area=63.87 ha Pulses growing area=0.78 ha Oilseed growing area=44.19 ha Vegetable growing area=20.73 ha Av. Per month income per husehold:Rs.6844/- <p>Major Farming system:</p> <ul style="list-style-type: none"> -Monocropping of paddy -Rabi vegetable -Mustard + Rabi vegetables 	Farmers are satisfied for inclusion of the village in KVK Golaghat DFI plan and expressed their willingness to participate in agricultural activities related to doubling farmers' income .
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3.2 Achievements of Frontline Demonstrations during 2018-19

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	3125	1041
2	Toria	Var.TS-67	50	560	940
3	Sesamum	Bohuwabheti local	29	160	136
4	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	Popularization of variety	Submergence tolerance Sali rice var. Ranjit sub-1 under flash- flood condition Technology: Rice var. Ranjit Sub-1 Farmers' practice: Huagmoni	Kharif, 18 – 19	1	1	2	3	5	NA	Rainfed	428.6	26.34	238.7

2	Kharif Rice	Popularization of variety	Scientific Cultivation of promising Sali Rice Variety "Tripura Chikan Dhan" under Rice- Toria Cropping sequence Sali Rice Variety "Tripura Chikan Dhan" Farmers' practice:Mulagabharu	Kharif 18 – 19	1	1	5	0	5	NA	Rainfed	428.6	25.42	240.8
3	Kharif Rice	Popularization of variety	Performance of Bayer's Paddy Hybrid Technology: Hybrid paddy var. "Arize 6444 Gold" Farmers' practice: Ranjit	Kharif 18 – 19	0.26	0.26	3	3	6	NA	Rainfed	426.78	31.62	158.67
4	Kharif Rice	Popularization of variety	Performance of Short duration Sali Paddy var. Luit and Disang during Post flood situation Technology: Paddy var. Luit and Disang Farmers' practice: Ranjit	Kharif 18 – 19	68	68	80	200	280	NA	Rainfed	418.53	24.92	249.61

5	Summer rice	Popularization of variety	Popularization of Short duration Paddy var. Luit and Disang during Ahu season Technology: Paddy var. Luit and Disang Farmers' practice: farmers' variety	Summer 18-19	2	2	0	10	10	NA	Rainfed	452.61	26.34	256.71
6	Kharif Rice	Soil health	Popularization of the technique of micronutrient application in Kharif Rice T1: FP T2 : RD of NPK T3: Application of 25 kg of ZnSO ₄ Heptahydrate (ZnSO ₄ .7H ₂ O)/ha with RDF (40:20:20: kg/ha NPK)	Kharif 18 – 19	3	3	1	5	6	NA	Rainfed	416.54	34.78	234.75
7	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>Trichogramma japonicum</i> @ 50,000/ha/week, use of pheromone trap, use of neem based pesticide @ 5 ml/lit, bird perch etc. Farmers Practice: Conventional	Kharif 18 – 19	2	2	0	10	10	NA	Rainfed Cfd 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**	B C R*	G C	G R	NR	B C R	
																		Demo
1.	Kharif Rice	Popularization of variety	1	50	42.3	18.42	48	42	Plant height: 136.4cm Panicle length: 21.6cm (Av.) No. of hills/m2: 26 (Av.) Grain/panicle: 324.7 (Av.) No. of effective tillers/plant: 15.2 Test wt. 23.02g	-	41080	87500	46730	2.1	33860	54990	25360	1.6
2	Kharif Rice	Popularization of variety	1	43.8	40.7	22.22	44.8	43.2	Plant height: 85.6cm Panicle length: 19cm (Av.) No. of hills/m2: 25 (Av.) Grain/panicle: 136 (Av.) No. of effective tillers/plant: 15.2 Test wt. 15.94g	-	41080	76650	35570	1.9	35860	52910	23120	1.5

3	Kharif Rice	Popularization of variety	0.26	70	56.7	45.83	71.49	68.51	Plant height: 122.2cm Panicle length: 23.24cm (Av.) No. of hills/m2: 16(Av.) Grain/panicle: 232(Av.) Grain yield: 70 q/ha Test wt. 28.4g	-	52850	98000	45150	1.9	43,546	70,875	27329	1.6	
4	Kharif Rice	Popularization of variety	68	40	37.58	26.67	40.86	35.14	Plant height: 90-95cm Panicle length: 22cm (Av.) Grain/panicle: 69(Av.) No. of effective tillers/hill: 6.9-8 Test wt. 22.7g		41080	70,000	28920	1.7	30860	39000	8140	1.3	
5	Summer rice	Popularization of variety	2	Ongoing															
6	Kharif Rice-Oilseed	Soil health Management	3	Paddy: 51.3 Toriam: 11.16	Paddy: 45.8 Toriam: 9.53	Paddy: 12% Toriam: .1%	Paddy: 50.3 Toriam: 1.46	Paddy: 48 Toriam: 10.32	-	-	Paddy: 30928 Toriam: 10950	Paddy: 89775 Toriam: 46872	Paddy: 8847 Toriam: 35922	Paddy: 5.13 Toriam: 3.28	Paddy: 2640 Toriam: 10950	Paddy: 8015 Toriam: 40026	Paddy: 53750 Toriam: 29076	Paddy: 4.58 Toriam: 2.65	

7	Kharif Rice	Biological control (Insect/pest / weeds etc)	2	50	42.5	17.65	51	49	% submergence : 50% submergence for 5 days was recorded	% submergence : 50% submergence for 5 days was recorded	30840	87500	56660	1.84	29340	74375	43535	1.53
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Sl.No.	Activity	No. of activities organised	Date	Number of participants			Remarks
				Gen	SC/ST	Total	

1	Field days	Cultivation of short duration Sali varieties (Luit and Disang) under Post Flood condition	28.11.18	0	25	25	
		Cultivation of short duration Sali varieties (Luit and Disang) under Post Flood condition	29.11.18	0	26	26	
		Cultivation of short duration Sali varieties (Luit and Disang) under Post Flood condition	12.12.18	4	26	30	
		FLD on Performance of Bayer's paddy hybrid	16.11.18	0	25	25	
		FLD on Submergence tolerant Sali paddy var. Ranjit Sub-1	28.11.18	21	4	25	
		FLD on Scientific cultivation of promising Sali rice var. Tripura Chikan Dhan	30.11.18	17	8	25	
		FLD on Bicontrol of Stem borer and Leaf folder in Sali rice	30.11.18	0	27	27	
		Popularization of the technique of Micronutrient application to sustain productivity in Sali rice in high intensity cropping areas followed by late sown toria	10.12.18	1	24	25	
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 seasmum var. Bohuwabheta local UNDER CFLD	Kharif 2018-19	10	10	5	25	30	NA	Rainfed	302.54	25.76	134.78
1	Toria	Integrated Crop Management	Popularization of Toria var. TS- 46 UNDER APART	Rabi 2018-19	16	16	0	27	27	NA	Rainfed	238.54	23.76	136.78
2	Tori	Integrated Crop	Popularization of Late sown	Rabi 2018	-	75	75	140	215	NA	Rainfed	342.3	24.21	276.72

	a	Managem nt (ICM) (under doubling farmers income)	Toria var. TS-67 in Rice Fallow system to increase Cropping Intensity Toria: Technology: HYV "TS 67" Farmers Practice: Local Variety	-19										
3	Tori a	Integrated Crop Managem nt (ICM) (under CFLD programme)	Popularization of Late sown Toria var. TS-67 Toria: Technology: HYV "TS 67" Farmers Practice: Local Variety	Rabi 2018 -19	30	30	15	60	75	NA	Rainfe d	26 2	33.1 2	118

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.)				
				Dem o.	Chec k		H*	L*		GC*	GR*	NR**	BCR**	GC	GR	NR	BC R	
				Demo			Local											
1	Sesamu m	Integrated Crop Management (ICM) (under CFLD programme)	10 ha	4.55	3.25	40	4.6	4.5			11200	29575	18375	2.64	10500	21125	10625	2.01
1.	Toria	Integrated Crop Management (ICM) (under APART)	16 ha	10.72	7.25	47.8	10.86	10.25	Plant height: 87.33-99.67 cm No. of primary branch: 3 (Av.) No. of secondary branch: 6 (Av.) Siliqua/Plant: 282 (Av.) Seed/siliqua: 18(Av.) Siliqua length: 4.8 cm(av.) Duration: 96-104 days		24500	45022	20522	1.84	18100	24650	6550	1.4

2	Toria	Integrated Crop Management (ICM) (under doubling farmers income)	38	11.25	7.25	55.17	13.43	9.07	Plant height: 110-115 cm No. of primary branch: 3 (Av.) No. of secondary branch: 6 (Av.) Siliqua/Plant: 282 (Av.) Seed/siliqua: 18(Av.) Siliqua length: 4.8 cm(av.) Duration: 105-110 days	-	24500	49602	25102	2	18100	24650	6550	1.4
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3	Toria	Integrated Crop Management (ICM) (under CFLD programme)	30	12.38	8.33	34	13.17	11.59	Plant height: 110-115 cm No. of primary branch: 3 (Av.) No. of secondary branch: 6 (Av.) Siliqua/Plant: 282 (Av.) Seed/siliqua: 18(Av.) Siliqua length: 4.8 cm(av.) Duration: 105-110 days		27500	51996	24496	1.9	19300	28322	9022	1.5
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SI.No.	Activity	No. of activities organized	Date	Number of participants			Remarks
				Gen	SC/ST	Total	
1	Field days	CFLD on Scientific cultivation of Rabi Oilseed (Toria)	04.02.19	18	7	25	
		CFLD on Scientific cultivation of	11.02.19	16	0	16	

		Rabi Oilseed (Toria)					
		CFLD on Scientific cultivation of Rabi Oilseed (Toria)	16.02.19	7	20	27	
		Field day on FLD Toria	07.03.19	71	9	80	
2	Farmers Training						
3	Media coverage						
4	Training for extension functionaries						
5	Any other (Pl. specify)						
	Total	4		112	36	148	

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. PU 31 under CFLD	Kharif 2018-19	10	10	12	13	25	NA	Rainfed			
2	Greengram	Integrated crop management	Demonstration On Scientific cultivation of Greengram var. SGC-16 and IPM 023 under CFLD	Kharif 2018-19	10	10	10	15	25	NA	Rainfed			
3	Lentil	Integrated crop management	Demonstration On Scientific cultivation of Lentil var. KLS -218 under CFLD	Rabi 2018-19	50	50	41	84	125	NA	Rainfed			

Performance of FLD:

Sl. No.	Crop	Thematic area	Area (ha.)	Avg. yield (Q/ha.)	% increase in	Additional data on demo. yield (Q/ha.)	Data on parameters other than yield, e.g., disease	Econ. of demo. (Rs./ha.)	Econ. of check (Rs./Ha.)
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				Demo.	Check	Avg. yield	H*	L*	incidence, pest incidence etc.		GC**	GR**	NR**	BC R**	GC	GR	NR	BCR
									Demo	Local								
1	Black gram	Integrate d crop manage ment	10	6.1	5.6	8.9	6.5	5.7	-	-	15700	24400	8700	1.55	13700	17500	3800	1.28
2	Green gram	Integrate d crop manage ment	10	7.08	6.75	4.9	8.0	6.16	-	-	20026.70	48853	28826.30	1.44	20000	45900	25900	1.30
3	Lentil	Integrate d crop manage ment	50	6.90	5.42	28	7.15	6.70	-	-	23318.00	30864.00	7546.00	1.32	17540.00	18963.00	1423.00	1.1

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	Cluster FLD on Greengram under NFSM on <i>Kharif</i> Pulse	14.01.19	0	20	20	
		Cluster FLD on Black Gram under NFSM on <i>Kharif</i> Pulse, 2018-19	03.01.19	29	0	29	
2	Farmers Training						
3	Media coverage						
4	Training for extension						

	functionaries						
5	Any other (Pl. specify)						
	Total	2		29	20	49	

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	Marigold	Integrated Crop management	Popularization of Year Round Production of Marigold Technology: Variety - Seracole	2018-19	0.14	0.14	2	0	2	NA	Rainfed	371.6	29.12	256.8

2	Papaya	Integrated Crop management	Popularization of Papaya var. Red Lady	2018-19	0.07	0.07	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	2018-19	0.12	0.12	0	2	2	NA	Rainfed	372.6	27.4	263.5

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	Marigold	Integrated Crop management	0.14	127	68	86.7	134	120			106250	379312	2730362	2.57	106250	253940	191250	1.8
2	Papaya	Integrated Crop management	0.07	Ongoing														

3	Black Pepper	Integrated Crop management	0.12	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

SI.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					

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

SI 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
							De mo	Che ck		De mo	Chec k	GC**	GR **	NR **	BCR **	G C	GR	N R	B C R	
1	Poultry	Breed introduction	Popularization of Quail Breed of Poultry under agroclimatic condition of Golaghat District	15	15	200	Ongoing													

** 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

PI. 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 fish etc.	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	
							Demo	Check		Demo	Check	GC*	GR*	NR*	BCR*	GC	GR	NR	BCR		

** 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

Sl. No.	Category/Enterprise, e.g., mushroom, vermicompost, apiculture etc.	Thematic area	Name of Technology	No. of farmers	No. of units	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	Mushroom	Other beneficial organisms	Oyster mushroom production technology	21	4 (300 beds/unit)	750 kg/unit	450kg/unit	25% increase in yield	Pest incidence : Nil	Pest incidence : 0.02 %	Rs. 1800/0.00/unit	Rs. 5700/0.00/unit	Rs. 7500/0.00/unit	3.17	Rs. 1500/0.00/unit	Rs. 4500/0.00/unit	Rs. 3000/0.00/unit	2	

2	Apiculture	Other beneficial organisms	Honeybee pollination in toria. 5 honeybee colonies/ha	6	2	Yield of Toria: 12.5 q/ha Yield of honey: 80 kg/ha	Yield of Toria: 11 q/ha Yield of honey: nil	Increase in yield of Toria: 13.64 %	Crop partially affected by wild elephant	Crop partially affected by wild elephant	36560	100500	63940	1.74	21100	46200	25100	1.19	
3	Vermicompost	Soil health	Low cost vermicompost production	10	10	Yield: 6.77q/unit	NA	NA	-	NA	3000	8124	5124	2.7	NA	NA	NA	NA	Date of start: Nov, 2018
4	Union Fabric	Reduction of health hazard	Popularization of union Fabric and its diversified uses Technology: Eri yarn + cotton	3	3						Successfully prepared mekhela sadar and stall with cotton yarn as warp + Eri yarn as weft. Prepared table mat with cotton yarn as warp + Wool yarn as weft Farm women are very much satisfied with the new technology.								

			yarn wool yarn + cotton yarn								
	Nutrition Garden	Nutritional Gardening	Establishment of Nutrition Garden	4	4						Frequency of consumption of vegetables – Before: 8 -12 times/week After: -14-18 times/week Knowledge level on nutrition benefits of fruits and vegetables– Before: Very low After: Medium Average yield – 80.2 kg produced and utilized for household consumption
6	Paddy Stripper		Popularization of Paddy Stripper used in seed selection Activity	10	10			100	12m uthi/ 5 mins	9 muthi/5 mins	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

**** 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: Nil

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																		

*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						
				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 (11)	On (c=8+10)	Sp. On (d=9+11)	On (4+8)	Sp. On (5+9)	On (6+10)	S p. O n (7+11)	On (x=a+c)		S p. O n (y=b+d)
I. Crop Production																						
Weed Management																						30
Resource Conservation Technologies																						
Cropping Systems	0	2	2	0	68	0	4	0	72	0	12	0	0	0	12	0	80	0	4	0	8	84
Crop Diversification	0	1	1	0	17	0	3	0	20	0	10	0	0	0	10	0	27	0	3	0	3	30
Integrated Farming																						
Water management																						
Seed production	0	1	1	0	7	0	0	0	7	0	18	0	1	0	18	0	25	0	0	0	2	25
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	0	1	1	0	25	0	0	0	25	0	0	0	0	0	0	0	25	0	0	0	2	25	
Management of Problematic soils																							
Micro nutrient deficiency in crops																							
Nutrient Use Efficiency																							
Soil and Water Testing																							
Crop Production and nutrient management	0	1	1	24	0	0	0	0	24	0	1	0	0	0	25	0	24	0	1	0	2	25	
IV Livestock Production and Management																							
Dairy Management																							
Poultry Management	1	0	1	4	0	26	0	30	0	0	0	1	0	1	0	4	0	2	0	31	0	31	
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	1	0	1	0	0	24	0	24	0	0	0	2	0	2	0	0	0	2	0	26	0	26
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	0	1	1	0	26	0	0	0	26	0	0	0	0	0	0	0	26	0	0	0	2	6
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	5	56	
WTO and IPR issues																							
XI Agro-forestry																							
Production technologies																							
Nursery management																							
Integrated Farming Systems																							
TOTAL																							

3.3.2. Achievements on Training of <u>Farmers and Farm Women in Off Campus</u> including <u>Sponsored Off Campus</u> Training Programmes (*Sp. Off means Off Campus training programmes sponsored by external agencies)																						Grand Total
Thematic area	No. of Courses/ prg.			Participants																		
	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*	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	27	
Cropping Systems	0	2	2	0	15	0	8	0	23	0	47	2	0	40	9	0	47	0	25	0	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	76	
Nursery management																						
Integrated Crop Management	3	4	7	72	57	8	10	80	67	8	21	0	27	8	48	80	78	8	37	88	203	

																						5	
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	1	0	31	0	31	

																			4								
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	6	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	25	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	2 2	0	55	0	55				
Poultry Management	2	0	2	14	0	33	0	47	0	2	0	7	0	9	0	16	0	4 0	0	56	0	56				
Goatery Management	1	0	1	15	0	16	0	31	0	1	0	2	0	3	0	16	0	1 8	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	1 2	0	23	0	11	0	1 2	0	2 3	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	2	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	7	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	7	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	4	0	4	55	0	51	0	106	0	1	0	4	0	5	0	56	0	55	0	111	0	111
WTO and IPR issues																						
Marketing and Value addition of Agricultural products	1	0	1	23	0	3	0	26	0	0	0	0	0	0	0	23	0	3	0	26	0	26

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	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)	S p. O n (11)	On (c=8+10)	Sp. On (d=9+11)	On (4+8)	Sp. On (5+9)	On (6+10)	S p. O n (7+11)	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		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	
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	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 (11)	On (c=8+10)	Sp. On (d=9+11)	On (4+8)	Sp. On (5+9)	O n (x= a + c)	S p. O n (y =)			

																		0)	7 + 1 1)		b + d)	
Productivity enhancement in field crops	1	2	3	20	58	0	5	20	63	7	8	0	1	70	9	27	67	0	5	27	7 2	99
Integrated Pest Management																						
Integrated Nutrient management																						
Rejuvenation of old orchards																						
Protected cultivation technology																						
Formation and Management of SHGs																						
Group Dynamics and farmers organization																						
Information networking among farmers	0	1	1	0	28	0	0	0	28	0	12	0	0	12	0	0	40	0	0	0	4 0	40
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																					
Total																					

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	2	0	2	41	0	3	0	44	0	8	0	0	0	8	0	49	0	3	0	52	0	52
Integrated Pest Management																						
Integrated Nutrient management	2	0	2	40	0	18	0	58	0	3	0	0	0	3	0	43	0	18	0	61	0	61
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																						
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	1	0	1	21	0	1	0	22	0	2	0	0	0	2	0	23	0	1	0	24	0	24
Gender mainstreaming through SHGs																						
TOTAL																						

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 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
Agricultural Economics	Repair and maintenance of farm machinery and implements	Operation and maintenance of Farm machineries and implements (Sponsored by NRL)	29.05.18-31.05.18	2	KVK, Khumtai and Deptt. of Agril.Engg, AAU, Jorhat	PF	26	0	26	0	0	0	26	0	26
Agronomy	Cropping Systems	Scientific cultivation of Rabi Pulses	02.11.18	1	On	PF	28	3	31	12	0	12	40	3	43
Agronomy	Cropping Systems	Scientific cultivation on Rabi pulses under NFSM	20.11.18	1	On	PF	40	1	41	0	0	0	40	1	41

Agronomy	Crop Diversification	Assessment of opportunities for introduction / upgrading of different SI technologies of SPS for training on PH technologies	27.12.18	1	On	PF	17	3	20	10	0	10	27	3	30
Agronomy	Seed production	Training on QSP (Quality Seed Production)	05.01.19	1	KVK, Golaghat	PF	7	0	7	18	0	18	25	0	25
Animal Science	Poultry Management	Vocational training on Commercial Poultry and Duck farming	13.06.18-20.06.18	7	On	PF	4	26	30	0	1	1	4	27	31
Community Science	Designing and development for high nutrient efficiency diet	Nutritional care of Infant and Children	25.10.18, 26.10.18	2	On	Farm women	0	24	24	0	2	2	0	26	26
Horticulture	Information networking among farmers	Dealers Meet	28.09.18	1	On	EF	28	0	28	12	0	12	40	0	40
Horticulture	Leadership development	Identification of Progressive farmer and Local Dealers for precision Agronomy Demonstration and Improved	27.12.18	1	On	PF	18	2	20	7	3	10	28	2	30

		mechanization														
Plant Protection	Entrepreneurial development of farmers/youths	Scientific mushroom cultivation	04.06.18	1	On	PF	15	4	19	4	7	11	19	11	30	
Plant Protection	Mushroom Production	Enterpreneurship development through Mushroom production and it's value addition	08.09.18 to 16.09.18	7	On	RY	26	3	29	4	0	4	30	3	33	
Plant Protection	Integrated Crop Management	Scientific cultivation of Blackgram	14.09.18	1	On	PF	53	0	53	3	0	3	56	0	56	
Soil Science	Production and use of organic inputs	Two days training on "Enterpreneurship development through Vermi compost production and other compost materials"	27/04/18-28/04/18	2	On	PF	25	0	25	0	0	0	25	0	25	
Soil Science	Production and use of organic inputs	Vocational training on Production technology of vermicompost	09.07.18-21.07.18	7	On	RY	24	7	31	0	0	0	24	7	31	
Soil Science	Crop Production	Scientific cultivation of	11.03.19,	1	On	PF	24	0	24	1	0	1	25	0	25	

	and nutrient management	Summer Blackgram	12.03.19													
APART	Post Harvest technologies	Training of Trainers on Post Harvest technologies	11.02.19, 12.02.19, 13.02.19	3	On	EF	26	2	28	4	0	4	30	2	32	
APART	Productivity enhancement in field crops	Training of Trainers on Resource Efficient Rice Establishment Method	08.03.19, 09.03.19		On	EF	32	3	35	4	1	5	37	3	40	

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
Agricultural Economics	Entrepreneurial development of farmers /youths	Entrepreneurship development among Farmers in Agriculture and allied sectors	25.05.18-26.05.18	2	Mitha amchaponi	PF	25	5	30	0	0	0	25	5	30
Agricultural Economics	Entrepreneurial	Entrepreneurship development among farmers in Agriculture	07.06.18-'08.06.18	2	Leteku Chapori	PF	19	6	25	1	0	1	20	6	26

	development of farmers /youths	and allied sectors														
Agricultural Economics	Entrepreneurial development of farmers /youths	Entrepreneurship development among farmers in Agriculture and allied sectors	21.06.18-22.06.18	2	No. 2 Kaibarta Gaon	PF	2	20	22	0	4	4	2	24	26	
Agricultural Economics	Mobilization of social capital	Marketing and Value addition of Agricultural products	25.07.18 , 04.08.18	2	Boruah Gaon	PF	23	3	26	0	0	0	23	3	26	
Agricultural Economics	Entrepreneurial development of farmers /youths	Entrepreneurship development among Farmers in agriculture and allied sectors	28.07.18, 07.08.18	2	Tiruwal Gaon	PF	9	20	29	0	0	0	9	20	29	
Agricultural Extension	Formation and Management of SHGs	Formation and Management of Farmer's club for socio economic development of Farmers	6.02.19, 7.02.19	2	Borgoria	PF	23	8	31	0	0	0	23	8	31	
Agronomy	Integrated Crop Management	Scientific cultivation practices of Sali rice	26.06.18-27.06.18	2	Gowaltup	PF	14	6	20	6	0	6	20	6	26	

Agronomy	Value addition	Modern cultivation practices and value addition of sugarcane	29.06.18-30.06.18	2	Buralikson	RY	25	0	25	1	0	1	26	0	26
Agronomy	Seed production	Quality Seed Production	20.09.18	1	Balijan	PF	23	2	25	0	0	0	23	2	25
Agronomy	Productivity enhancement in field crops	Production technology of Kharif Oilseeds	02.08.18,03.08.18	2	SDAO , Bokakhat	EF	20	0	20	7	0	7	27	0	27
Agronomy	Productivity enhancement in field crops	Scientific cultivation of kharif oilseed and pulse	29.09.18,01.10.18	2	DAO , Golaghat	EF	21	3	24	1	0	1	22	3	25
Agronomy	Integrated Crop Management	Advanced production technology of Potato	04.10.18,05.10.18	2	Da Chamuwa Gaon	PF	28	2	30	2	0	2	30	2	32
Agronomy	Integrated Crop Management	Production technology of Rabi Oilseeds	05.11.18,08.11.18	2	Chinatoli	PF	30	0	30	0	0	0	30	0	30
Agronomy	Cropping Systems	Scientific cultivation on Rabi oilseed under NMOOP	15.11.18	1	Borchapori	PF	15	8	23	9	0	9	9	23	32

Agronomy	Resource Conservation Technologies	Soil Health Management under CFLD on Kharif sesamum under NFSM	06.12.18	1	Sawguri, Dergaon	PF	14	6	20	7	0	7	21	6	27
Agronomy	Integrated Crop Management	Scientific cultivation of Rabi Oilseeds under NMOOP	11.01.19		Borgoria	PF	35	6	41	0	0	0	35	6	41
Agronomy	Integrated Crop Management	Scientific cultivation of Rabi oilseeds under NMOOP	07.01.19		Chohola	PF	1	0	1	7	7	14	8	7	15
Animal Science	Production of quality animal products	Three Tier Integrated Farming System Model under Tribal Sub Plan Programme	15.05.18	1	Ramterang Gaon	PF	0	0	0	11	12	23	11	12	23
Animal Science	Dairy Management	Scientific dairy farming	11.06.18-12.06.18	2	Morongi	PF	20	3	23	2	0	2	22	3	25
Animal Science	Poultry Management	Scientific Poultry Farming	16.07.18-17.07.18	2	Gandhi gaon	PF	10	7	17	2	6	8	12	13	25
Animal Science	Goatery Management	Scientific Management in Goat Production	19.07.18 and 21.07.18	2	Owguri	PF	15	16	31	1	2	3	16	18	34

Animal Science	Dairy Management	Feeding Management for augmenting milk production	25.07.18 and 26.07.18	2	Leteku chapori	PF	8	18	26	3	1	1	11	19	19
Community Science	Income generation activities for empowerment of rural Women	Preparation of Decorative cushion Cover	28.05.18-29.05.18	2	Buralikson	Farm women	0	25	25	0	0	0	0	25	25
Community Science	Income generation activities for empowerment of rural Women	Pickle making as an income generating activity	23.08.18 and 24.08.18	2	Norakonwar Gaon	Farm women	0	25	25	0	0	0	0	25	25
Community Science	Value addition	Processing and preservation of Locally available fruits and vegetables	18.09.18	2	Duliya Gaon Natya Mandir	Farm women	0	50	50	0	0	0	0	50	50
Community Science	Value addition	Preservation and processing of locally available fruits and vegetables	18.09.18, 11.10.18	2	Duliya Gaon Natya Mandir	Farm women	0	25	25	0	0	0	0	25	25
Community Science	Value addition	Processing and preservation of Locally available fruits and vegetables	14.11.18, 15.11.18	2	Borchapori	RY	0	15	15	0	10	10	0	25	25

Community Science	Income generation activities for empowerment of rural Women	Preparation of Artificial Flower	16.11.19, 17.11.18, 19.11.18	3	Modhuban	Farm women	0	24	24	0	1	1	0	25	25
Community Science	Small scale processing	Pickle making as an income generating activity	12.02.19, 14.02.19	2	No. 1 Gandhkoro i	RY	0	22	22	0	3	3	0	25	25
Community Science	Small scale processing	Pickle making as an income generating activity	01.03.19	2	Akamoluw a gaon	RY	0	25	25	0	0	0	0	25	25
Horticulture	Production of Bee-colonies and wax sheets	Training on Apiculture	22.05.18	1	Telgaram	PF	28	12	40	5	2	7	33	13	46
Horticulture	Production and Management technology	Scientific cultivation practices of horticultural crops (Guava, Lemon and Black Pepper) under TSP	26.06.18	1	Silimkhowa	PF	0	0	0	46	11	57	46	11	57
Horticulture	Production and management	Training on Intercropping of Black Pepper in Tea	28.08.18, 30.08.18	2	5 no. Rongbong Gaon	PF	10	4	14	11	0	11	21	4	25

	technology															
Horticulture	Protective cultivation	Scientific Cultivation of Horticultural crops	23.08.18	1	Silimkhowa	PF	0	0	0	30	0	30	30	0	30	
Horticulture	Cultivation of Fruit	Scientific practices of Water Melon	20.10.18, 22.10.18	2	Bokroyani	PF	17	14	31	0	0	0	17	14	31	
Horticulture	Production and Management technology	Scientific Cultivation of Blackpeeper	23.08.18, 03.10.18	2	Silimkhowa	PF	0	0	0	23	2	25	23	2	25	
Horticulture	Production of low volume and high value crops	Scientific Cultivation of Kharif Pulses under NFSM (2018-19)	03.11.18	1	Alami Ragdia	PF	18	8	26	0	0	0	18	8	26	
Horticulture	Protective cultivation	Scientific cultivation practices of Rabi vegetables	26.02.19, 08.03.19	2	Gulung Doitiyal	PF	0	0	0	26	1	27	26	1	27	
Horticulture	Protective cultivation	Horticulture based livelihood promotion in tribal area under TSP crop: Arecanut	28.02.19	1	Silimkhowa	PF	0	0	0	26	2	28	26	2	28	
Horticulture	Processing	Post Harvest	03.01.19	1	Alami	PF	23	3	26	0	0	0	23	3	26	

	and value addition	Management of Pulses			Ragdia												
Horticulture	Production of low volume and high value crops	Scientific cultivation practices of Tomato and King chilli	18.03.19,26.03.19	2	Leteku chapori	PF	19	6	25	2	0	2	21	6	27		
Horticulture	Integrated farming	Role of Birds in agriculture	20.03.19		Mitha amchapori	PF	41	8	49	1	0	1	42	8	50		
Plant Protection	Cropping Systems	Scientific cultivation of Sali Paddy in Rice based cropping system under TSP programme	07.07.18	1	Vive Tisso village , Chokihola	PF	0	0	0	38	2	40	38	2	40		
Plant Protection	Integrated Pest Management	Integrated pest and disease management in cucurbitaceous vegetables	10.07.18-11.07.18	2	Borkoroioni	PF	14	16	30	0	0	0	14	16	30		
Plant Protection	Integrated Disease Management	Integrated pest and disease management in Sali rice	18.07.18 and 24.07.18	2	Leteku chapori	PF	17	4	21	4	3	7	21	7	28		
Plant Protection	Integrated Disease Management	Integrated Pest and Disease Management in Sali rice	18.07.18, 23.08.18	2	Leteku chapori	PF	12	13	25	0	0	0	12	13	25		

	ement															
Plant Protection	Integrated Disease Management	Integrated Pest and Disease management in Sali rice	08.11.18, 09.11.18	2	SDAO office, Bokakhat	PF	26	7	33	7	0	7	33	7	40	
Plant Protection	Integrated Crop Management	Scientific cultivation practices of Kharif Pulse : Blackgram under NFSM (2018-19)	10.11.18	1	Naromari	PF	0	0	0	14	20	34	14	20	34	
Plant Protection	Integrated Pest Management	Rodent Pest management	16.11.18, 17.11.18	2	Thurajan	PF	20	5	25	2	0	2	22	5	27	
Plant Protection	Production of bio control agents and bio pesticides	Home made bio-pesticide	14.11.18, 15.11.18	2	Lemchapori	PF	1	0	1	24	5	29	25	5	30	
Plant Protection	Production of bio control agents and bio pesticides	Home made bio-pesticide	26.12.18 , 27.12.18	2	Numaligarh	PF	12	19	31	0	0	0	12	19	31	
Plant	Bio-	Biocontrol of Pest in	21.02.19	1	Borgoria	PF	21	4	25	0	0	0	21	4	25	

Protection	control of pests and diseases	Rabi Pulse (Lentil)															
Plant Protection	Production of bio control agents and bio pesticides	Homemade Bio pesticide	26.03.19	1	DAO , Golaghat	EF	21	1	22	2	0	2	23	1	24		
Soil Science	Integrated Nutrient management	Soil Health Management , Green manuring and Management of Acid soil	20.07.18 - 21.07.18	2	Buralikson	EF	15	13	28	0	0	0	15	13	28		
Soil Science	Soil fertility management	Bio fertilizers in agriculture with special reference to rice	24.08.18, 25.08.18	2	Buralikson	PF	25	0	25	0	0	0	25	0	25		
Soil Science	Seed production	Quality Seed Production	25.09.18	1	Ponka	PF	3	0	3	23	0	23	26	0	26		
Soil Science	Production and use of organic inputs	Homestead method of Azolla cultivation and compost preparation	26.09.18, 05.10.18	2	2 no. Naphathar	PF	18	5	23	12	0	12	30	5	35		
Soil Science	Integrated Nutrient	Amelioration of Acid Soil for Improvement of Soil Health	30.09.18, 01.10.18	2	DAO , Golaghat	EF	25	5	30	3	0	3	28	5	33		

	manag ement															
Soil Science	Soil fertility manag ement	Fertilizer Management on Pulses (Lentil) under NFSM	29.01.19	1	2 No. Porongoni a	PF	9	15	24	1	0	1	10	15	25	
Soil Science	Product ion and use of organic inputs	Use of organic inputs for Soil fertility management	28.02.19,1 6.03.19	2	Pub Misamora	PF	24	2	26	0	0	0	24	2	26	
Soil Science	Product ion and use of organic inputs	Use of organic inputs for Soil fertility management	13.03.19, 14.03.19	1	Borahi Gaon	PF	26	3	29	0	0	0	26	3	29	
Soil Science	Soil fertility manag ement	Soil Fertility management in plantation crops with special reference to coconut and arecanut	28.03.19, 29.03.19	2	Sawguri	PF	14	4	18	7	0	7	21	4	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					
Poultry	13.06.18-20.06.18	7	Poultry Management	Vocational training on Commercial Poultry and Duck farming	4	26	30	0	1	1	4	27	31					
Mushroom	08.09.18 to 16.09.18	7	Mushroom Production	Entrepreneurship development through Mushroom production and it's value addition	26	3	29	4	0	4	30	3	33					
Vermi compost	09.07.18-21.07.18	7	Production and use of organic inputs	Vocational training on Production technology of vermicompost	24	7	31	0	0	0	24	7	31					

*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		
On	PF	27/04/18-28/04/18	2	Soil Science	Production and use of organic inputs	Two days training on "Entrepreneurship development through Vermicompost production and other compost materials"	25	0	25	0	0	0	25	0	25	NRL, Golaghat	
Off	PF	15.05.18	1	Animal Science	Production of quality animal products	Three Tier Integrated Farming System Model under Tribal Sub Plan Programme	0	0	0	1	12	2	11	12	23	TSP	
On	PF	29.05.18-31.05.18	2	Agricultural Economics	Repair and maintenance of farm machinery and implements	Operation and maintenance of Farm machineries and implements (Sponsored by NRL)	26	0	26	0	0	0	26	0	26	NRL, Golaghat	

Off	PF	26.06.18	1	Horticulture	Production and Management technology	Scientific cultivation practices of horticultural crops (Guava, Lemon and Black Pepper) under TSP	0	0	0	46	11	57	46	11	57	TSP	
On	PF	04.06.18	1	Plant Protection	Entrepreneurial development of farmers/youths	Scientific mushroom cultivation	15	4	19	4	7	11	19	11	30	NEADS	
Off	PF	07.07.18	1	Plant Protection	Cropping Systems	Scientific cultivation of Sali Paddy in Rice based cropping system under TSP programme	0	0	0	38	2	40	38	2	40	TSP	
Off	PF	23.08.18	1	Horticulture	Protective cultivation	Scientific Cultivation of Horticultural crops	0	0	0	30	0	30	30	0	30	TSP	
Off	PF	20.09.18	1	Agronomy	Seed production	Quality Seed Production	23	2	25	0	0	0	23	2	25	APART	
Off	PF	25.09.18	1	Soil Science	Seed production	Quality Seed Production	3	0	3	23	0	23	26	0	26	APART	
On	EF	28.09.18	1	Horticulture	Information networking among farmers	Dealers Meet	28	0	28	12	0	12	40	0	40	APART	

Off	PF	23.08.18,03.10.18	2	Horticulture	Production and Management technology	Scientific Cultivation of Blackpeeper	0	0	0	23	2	25	TSP				
On	PF	02.11.18	1	Agronomy	Cropping Systems	Scientific cultivation of Rabi Pulses	28	3	31	12	0	12	40	3	43	CFLD	
Off	PF	03.11.18	1	Horticulture	Production of low volume and high value crops	Scientific Cultivation of Kharif Pulses under NFSM (2018-19)	18	8	26	0	0	0	18	8	26	CFLD	
Off	PF	15.11.18	1	Agronomy	Cropping Systems	Scientific cultivation on Rabi oilseed under NMOOP	15	8	23	9	0	9	9	23	32	CFLD	
On	PF	20.11.18	1	Agronomy	Cropping Systems	Scientific cultivation on Rabi pulses under NFSM	40	1	41	0	0	0	40	1	41	CFLD	
Off	PF	10.11.18	1	Plant Protection	Integrated Crop Management	Scientific cultivation practices of Kharif Pulse : Blackgram under NFSM (2018-19)	0	0	0	14	20	34	14	20	34	CFLD	
Off	PF	06.12.18	1	Agronomy	Resource Conservation Technologies	Soil Health Management under CFLD on Kharif sesamum under NFSM	14	6	20	7	0	7	21	6	27	CFLD	

On	PF	27.12.18	1	Agronomy	Crop Diversification	Assessment of opportunities for introduction / upgrading of different SI technologies of SPS for training on PH technologies	17	3	20	10	0	10	27	3	30	APART	
On	PF	27.12.18	1	Horticulture	Leadership development	Identification of Progressive farmer and Local Dealers for precision Agronomy Demonstration and Improved mechanization	18	2	20	7	3	10	28	2	30	APART	
On	PF	05.01.19	1	Agronomy	Seed production	Training on QSP (Quality Seed Production)	7	0	7	18	0	18	25	0	25	APART	
Off	PF	29.01.19		Soil Science	Soil fertility management	Fertilizer Management on Pulses (Lentil) under NFSM	9	15	24	1	0	1	10	15	25	CFLD	
Off	PF	21.02.19	1	Plant Protection	Bio-control of pests and diseases	Biocontrol of Pest in Rabi Pulse (Lentil)	21	4	25	0	0	0	21	4	25	CFLD	
On	EF	11.02.19, 12.02.19, 13.02.19	3		Post Harvest technologies	Training of Trainers on Post Harvest technologies	26	2	28	4	0	4	30	2	32	APART	

Off	PF	28.02.19	1	Horticulture	Protective cultivation	Horticulture based livelihood promotion in tribal area under TSP crop: Arecanut	0	0	0	26	2	28	26	2	28	TSP	
On	PF	14.09.18	1	Plant Protection	Integrated Crop Management	Scientific cultivation of Blackgram	53	0	53	3	0	3	56	0	56	NRL, Golaghat	
Off	PF	03.01.19	1	Horticulture	Processing and value addition	Post Harvest Management of Pulses	23	3	26	0	0	0	23	3	26	CFLD	
Off	PF	11.01.19	1	Agronomy	Integrated Crop Management	Scientific cultivation of Rabi Oilseeds under NMOOP	35	6	41	0	0	0	35	6	41	CFLD	
Off	PF	07.01.19	1	Agronomy	Integrated Crop Management	Scientific cultivation of Rabi oilseeds under NMOOP	1	0	1	7	7	14	8	7	15	CFLD	
On	PF	11.03.19, 12.03.19	1	Soil Science	Crop Production and nutrient management	Scientific cultivation of Summer Blackgram	24	0	24	1	0	1	25	0	25	APART	
On	EF	08.03.19, 09.03.19	2	APART	Productivity enhancement in field crops	Training of Trainers on Resource Efficient Rice Establishment Method	32	3	35	4	1	5	37	3	40	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 2018-19

Sl. No.	Extension Activity	Topic	Date and duration	No. of activities	Participants											
					General (1)			SC/ST (2)			Extension Officials (3)			Grand Total (1+2)		
					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	Cultivation of short duration Sali varieties (Luit and Disang) under Post Flood condition	28.11.18	1	0	0	0	11	14	25	5	3	8	16	17	33
		Cultivation of short duration Sali varieties (Luit and Disang) under Post Flood condition	29.11.18	1	0	0	0	11	15	26	4	2	6	15	17	32
		Cultivation of short duration Sali varieties (Luit and Disang) under Post Flood condition	12.12.18	1	4	0	4	22	4	26	1	3	4	27	7	34
		FLD on Performance of Bayer's paddy	16.11.18	1	0	0	0	20	5	25	0	2	2	20	7	27

		hybrid														
		FLD on Submergence tolerant Sali paddy var. Ranjit Sub-1	28.11.18	1	11	10	21	4	0	4	2	2	4	17	12	29
		FLD on Scientific cultivation of promising Sali rice var. Tripura Chikan Dhan	30.11.18	1	11	6	17	4	4	8	0	3	3	15	13	28
		FLD on Bicontrol of Stem borer and Leaf folder in Sali rice	30.11.18	1	0	0	0	10	17	27	0	2	2	10	19	29
		Popularization of the technique of Micronutrient application to sustain productivity in Sali rice in high intensity cropping areas followed by late sown toria	10.12.18	1	1	0	1	18	6	24	0	3	3	19	9	28
		Field day on Cultivation of premium quality rice var. Kola joha	10.12.18	1	0	0	0	34	16	50	2	5	7	36	21	57
		Field day on Cultivation of premium quality rice var. Kola joha	11.12.18	1	5	0	5	36	9	45	2	3	5	43	12	55
		Field Day on Scientific	14.01.19	1	0	0	0	14	6	20	1	3	4	15	9	24

		cultivation practices of <i>Kharif</i> Greengram var. SGC 16														
		Field Day on Scientific cultivation practices of <i>Kharif</i> Black Gram var. PU 31	03.01.19	1	14	15	29	0	0	0	2	4	6	16	19	35
		Field Day on Scientific cultivation practices of <i>Kharif</i> Sesamum var. Bohuwabheti local	12.06.18	1	2	0	2	15	10	25	2	3	5	19	13	32
		Field Day on Scientific cultivation practices of Rabi Oilseed (Toria) var. TS 67	04.02.19	1	5	2	7	4	14	18	1	3	4	10	19	29
		Field Day on Scientific cultivation practices of Rabi Oilseed (Toria) var. TS 67	11.02.19	1	0	0	0	5	11	16	2	2	4	7	13	20
		Field Day on Scientific cultivation practices of Rabi Oilseed (Toria) var.	16.02.19	1	9	11	20	6	1	7	2	2	4	17	14	31

		TS 67														
		Field Day on Scientific cultivation practices of Rabi Oilseed (Torja) var. TS 46	06.03.19	1	0	0	0	9	16	25	3	3	6	12	19	31
		Field Day on Scientific cultivation practices of Rabi Oilseed (Torja) var. TS 46)	04.03.19	1	0	0	0	11	14	25	2	3	5	13	17	30
		Field Day on Scientific cultivation practices of Rabi Oilseed (Torja) var. TS 46	07.03.19	1	7	2	9	60	11	71	5	4	9	72	17	89
		Total		19	69	46	115	294	173	467	36	55	91	399	274	673
4.	Group Discussion	Group discussion on TSP at Silimkhowa	23.06.18	1	0	0	0	20	0	20	5	1	6	25	1	26
5.	Kishan Gosthi															
6.	Kishan Mela	Kisan Mela at District Library , Golaghat	24.02.19		419	246	665	252	195	447	21	11	32	692	452	1144
7.	Film show	Celebration of Foundation Day of AAU	01.04.18	1	89	54	143	18	12	30	12	5	17	119	71	190
8.		Kisan Kalyan Divas	02.05.18	1	89	54	143	18	12	30				107	66	173

9.		Celebration of Mahila Kisan Divas	15.10.18	1	0	52	52	0	2	2				0	54	54
10.		Vigilance Awareness Week	01.11.18-02.11.18	2	26	29	55	2	5	7				28	34	62
11.		Inaugural session of Kisan Sanman nidhi and Farmer's Day	24.02.19	1	419	246	665	252	195	447				671	441	1112
12.		Awareness camp on Communal Harmony	25.11.18	1	10	15	25	0	0	0				10	15	25
		Total		7	556	412	968	272	214	486	0	0	0	828	626	1454
13.	SHG formation															
14.	Exhibition	"Agricultural Exhibition" organized by RAWEP students at SRS Buralikson	05.04.18	1												
		"Agricultural Exhibition" on Farmers Day at RARS Titabor	10.11.18	1												
		"Agricultural Exhibition" on Farmers Day organised by KVK Golaghat at Golaghat	24.02.19	1												

		Total		4												
15.	Scientists visit to farmers fields	Agriculture and allied sectors		223	809	230	1039	575	315	890	0	0	0	1384	545	1929
16.	Plant/ Animal Health camp															
17.	Farm science club															
18.	Ex-trainee Sammelan															
19.	Farmers seminar/ workshop	Agricultural Workshop on Petroleum Product Conservation	15.10.18	1	30	2	32	7	5	12	2	2	4	39	9	48
20.	Method demonstration	Demonstration on Rice Value chain	12.01.19	1	19	6	25	5	0	5	3	2	5	27	8	35
		Demonstration on Post-harvest machineries	12.01.19	1	12	10	22	8	0	8	5	2	7	25	12	37
		Use of feeder , waterer , medication and vaccination in a Three tier Integrated Farming System model	15.05.18	1	0	0	0	11	12	23	5	3	8	16	15	31
		Root dip treatment of Sali rice under APART	18.07.18	1	8	9	17	5	0	5	2	2	4	15	11	26
		Root dip treatment of Sali rice under	25.07.18	1	16	0	16	8	0	8	2	3	5	26	3	29

		APART														
		Bio-fertilizer application in Lentil	02.11.18	1	10	9	19	5	0	5	4	3	7	19	12	31
		Bio-fertilizer application in Lentil	15.11.18	1	17	12	29	8	0	8	4	3	7	29	15	44
		Vermicompost production technology	27.03.19	1	8	7	15	11	12	23	1	0	1	20	19	39
		Vermicompost production technology	27.03.19	1	13	1	14	0	0	0	1	0	1	14	1	15
		Planting Material generation of Assam Lemon and Black pepper	27.03.19	1	8	7	15	0	0	0	1	0	1	9	7	16
		Planting Material generation of Assam Lemon and Black pepper	27.03.19	1	13	1	14	5	0	5	1	0	1	19	1	20
		Total		11	124	62	186	66	24	90	29	18	47	219	104	323
21.	Celebration of important days	Celebration of Foundation Day of AAU	01.04.18	1	12	16	28	0	0	0				12	16	28
		Kisan Kalyan Divas	02.05.18	8	89	54	143	18	12	30				107	66	173
		Celebration of World Honey Bee	22.05.18	1	38	1	39	7	0	7				45	1	46

		Day and Awareness cum Training Programme on Apiculture														
		Celebration of World Environment Day	05.06.18	1	36	26	62	12	6	18				48	32	80
		Celebration of 4th International Yoga Day	21.06.18 Bottom of Form	1	6	5	11	2	1	3				8	6	14
		Celebration of Mahila Kisan Divas	15.10.18		0	52	52	0	2	2				0	54	54
		Celebration of World Food Day	16.10.18	1	0	50	50	0	0	0				0	50	50
		Celebration of Soil Health Day	06.12.18	1	16	4	20	7	0	7				23	4	27
		Independence Day	15.08.18	1	21	9	30	0	0	0				21	9	30
		Swaccha hi sewa campaign	15.09.18-02.10.18	18	196	84	280	35	45	80				231	129	360
		Republic Day	26.01.19	1	15	9	24	0	0	0				15	9	24
		Vigilance Awareness Week	01.11.18-02.11.18	2	26	29	55	2	5	7				28	34	62
		Communal	19.11.18-	1	10	15	25	0	0	0				10	15	25

		Harmony campaign Week	25.11.18													
		Kisan Diwas	23.12.18	1	17	3	20	10	0	10				27	3	30
		World Sparrow day	20.03.19	1	41	8	49	1	0	1				42	8	50
		Total		39	523	365	888	94	71	165	0	0	0	617	436	1053
22.	Exposure visits	Exposure visit to RARS Titabor on Farmers' Day	10.11.18	1	20	0	20	6	0	6	0	0	0	26	0	26
23.	Electronic media (CD/DVD)															
24.	Extension literature															
25.	Newspaper coverage	37														
26.	Popular articles															
27.	Radio talk	2														
28.	TV talk															
29.	Training manual	2nos. 1.Mosur mahor khetir prosikhyon hatputhi 2. Sak pasolir joibik krishi poddhotir prosikhyon hatputhi														
30.	Soil health camp	Soil Health Awareness camp	30.03.19	1	23	0	23	2	0	2	0	0	0	25	0	25

31.	Awareness camp	Kisan Kalyan Divas	02.05.18	8	89	54	143	18	12	30				107	66	173
		Celebration of World Honey Bee Day and Awareness cum Training Programme on Apiculture	22.05.18	1	38	1	39	7	0	7				45	1	46
		Celebration of World Environment Day	05.06.18	7	36	26	62	12	6	18				48	32	80
		Awareness and distribution of chemicals to control the outbreak of Army Caterpillars	25.08.18-28.08.18	6			0			0				0	0	0
		Celebration of Mahila Kisan Divas	15.10.18		0	52	52	0	2	2				0	54	54
		Celebration of World Food Day	16.10.18	1	0	50	50	0	0	0				0	50	50
		Celebration of Soil Health Day	06.12.18	1	16	4	20	7	0	7				23	4	27
		Swachta hi sewa campaign	15.09.18-02.10.18	2	20	25	45	5	4	9				25	29	54
		Vigilance Awareness Week	01.11.18-02.11.18	2	26	29	55	2	5	7				28	34	62

		Kisan Diwas	23.12.18	1	17	3	20	10	0	10				27	3	30
		World Sparrow day	20.03.19	1	41	8	49	1	0	1				42	8	50
		Inaugural session of Kisan Sanman nidhi and Farmer's Day	24.02.19	1	419	246	665	252	195	447				671	441	1112
		Total		31	702	498	1200	314	224	538	0	0	0	1016	722	1738
32.	Lecture delivered as resource person															
33.	PRA	PRA	18.03.18, 19.03.18, 25.03.18	1	26	20	46	2	2	4	0	0	0	28	22	50
34.	Farmer-Scientist interaction	Kisan Kalyan Divas	02.05.18	8	89	54	143	18	12	30				107	66	173
		Celebration of World Honey Bee Day and Awareness cum Training Programme on Apiculture	22.05.18	1	38	1	39	7	0	7				45	1	46
		Celebration of World Environment Day	05.06.18	7	36	26	62	12	6	18				48	32	80
		Awareness and distribution of chemicals to control the	25.08.18- 28.08.18	6	45	23	68	11	15	26	12	14	26	68	52	120

		outbreak of Army Caterpillars														
		Celebration of Mahila Kisan Divas	15.10.18	1	0	52	52	0	2	2				0	54	54
		Celebration of World Food Day	16.10.18	1	0	50	50	0	0	0				0	50	50
		Celebration of Soil Health Day	06.12.18	1	16	4	20	7	0	7				23	4	27
		Swaccha hi sewa campaign	15.09.18-02.10.18	2	20	25	45	5	4	9				25	29	54
		Vigilance Awareness Week	01.11.18-02.11.18	2	26	29	55	2	5	7				28	34	62
		Kisan Diwas	23.12.18	1	17	3	20	10	0	10				27	3	30
		World Sparrow day	20.03.19	1	41	8	49	1	0	1				42	8	50
		Inaugural session of Kisan Sanman nidhi and Farmer's Day	24.02.19	1	419	246	665	252	195	447				671	441	1112
		Total		32	747	521	1268	325	239	564	12	14	26	1084	774	1858
35.	Soil test campaign															
36.	Mahila Mandal Convener meet															
37.	Technology week															

38.	Webcasting Programme	Webcasting programme of hon'ble Prime minister's interaction with Self Help Group Members	12.07.18	1	32	2	34	10	4	14				42	6	48
		Webcasting programme of hon'ble Prime minister's interaction with Farmers	20.06.18	1	10	15	25	2	6	8				12	21	33
		Webcasting programme of hon'ble Prime minister's speech inaugural session of Kisan Sanman nidhi	24.02.19	1	419	246	665	252	195	447				671	441	1112
		Webcasting programme of hon'ble Prime minister's speech on the occassion of International Women's Day	08.03.19	1	32	2	34	4	1	5				36	3	39
	Total			4	493	265	758	268	206	474	0	0	0	761	471	1232
Grand Total				674	4906	2802	7708	2645	1725	4370	148	127	275	7699	4654	12353

3.5 Production and supply of Technological products during 2018-19

A. SEED MATERIALS

Major group/class	Crop	Variety	Quantity (qt)	Value (Rs.)	Number of recipient/ beneficiaries		
					General	SC/ST	Total
CEREALS	Paddy	Ranjit, Gitesh, Kola joha, TTB 404, Keteki joha	48.26	133722.00	149	62	211
OILSEEDS	Toria	TS 67	11.52	105420.00	150	35	185
PULSES							
VEGETABLES							
FLOWER CROPS							
OTHERS (Specify)							

A1. SUMMARY of Production and supply of Seed Materials during 2018-19

Sl. No.	Major group/class	Quantity (ton.)	Value (Rs.)	Number of recipient/ beneficiaries		
				General	SC/ST	Total
1	CEREALS	4.826	133722.00	149	62	211
2	OILSEEDS	1.152	105420.00	150	35	185
3	PULSES					
4	VEGETABLES					
5	FLOWER CROPS					
6	OTHERS					
TOTAL		5.978	239142	299	97	396

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	0.00904	27120.00	600	304	904
	Guava	L-69	0.00075	4500.00	18	20	38
Spices	Black Pepper	Paniyur I	0.05533	110660.00	300	101	401
Ornamental Plants							
VEGETABLES							
Forest Spp.							
Plantation crops	Arecanut	Kahikuchi tall	0.00600	24000.00	0	23	23
Medicinal plants							
OTHERS (Pl. Specify)							

B1. SUMMARY of Production and supply of planting Materials (In Lakh) during 2018-19

Sl. No.	Major group/class	Numbers (In Lakh)	Value (Rs.)	Number of recipient beneficiaries		
				General	SC/ST	Total
1	Fruits	0.00979	31620.00	618	324	942
2	Spices	0.05533	110660.00	300	101	401
3	Ornamental Plants					
4	VEGETABLES					
5	Forest Spp.					
6	Medicinal plants					
7	Plantation crops	0.00600	24000.00	0	23	23
8	OTHERS (Specify)					
TOTAL		0.06512	142280.00	918	425	1343

C. Production of Bio-Products during 2018-19

Major group/class	Product Name	Species	Quantity		Value (Rs.)	Number of Recipient /beneficiaries		
			No	(qt)		General	SC/ST	Total
BIOAGENTS								
BIOFERTILIZERS	Vermicompost	Eisenia foetida		374.015	448818.00	175	200	455
						-	-	-
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		374.015	448818.00	175	200	455
5							-	-
	TOTAL			374.015	448818.00	175	200	455

D. Production of livestock during 2018-19

Sl. No.	Type of livestock	Breed	Quantity		Value (Rs.)	Number of Recipient beneficiaries		
			(Nos)	Kgs		General	SC/ST	Total
2	Goat							
3	Piggery							
4.	Poultry	Quail	Eggs: 193		579.00	5	0	5
5	Fisheries							
6	Others (Specify)							

D1. SUMMARY of production of livestock during 2018-19

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	Quail	Eggs: 193		579.00	5	0	5
4.	PIGGERY							
5	FISHERIES							
6	OTHERS (Pl. specify)							
	TOTAL	Quail	Eggs: 193		579.00	5	0	5

3.6. Literature Developed/Published (with full title, author & reference) during 2018-19

(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.	Bio-efficacy of Native Bio agents and Biofertilizers for the management of root knot nematode <i>Meloidogyne incognita</i> infecting Blackgram (<i>Vigna mungo</i>) in International Journal of Current Microbiology and Applied Sciences ISSN: 2319-7706 Volume 7 number 06 (2018)	Arunima Bharali, Bhabesh Bhagawati, Kurulkar Uday	NA
2.	Nematicidal Toxicity of Native Antagonists against <i>Meloidogyne incognita</i> in International Journal of Current Microbiology and Applied Sciences ISSN: 2319-7706 Volume 7 number 06 (2018)	Arunima Bharali, Bhabesh Bhagawati, Kurulkar Uday	NA
3.	Integrated Sulphur management in Rapeseed (Brassica	A.Basumatary, K. Goswami, D.	NA

	campestris)-Blackgram (Vigna mungo) sequence in an inceptisoles of Assam –Annals of Plant and soil Research 21(1):7-13 (2019)	Ozah, S. Hazarika and G. Timesena	
4.	Influence of Integrated Nutrient Management on Growth and Yield of Maize (<i>Zea mays</i>) in International Journal of Current Microbiology and Applied Sciences ISSN: 2319-7706 Volume 7 Number 05 (2018)	Krishnakhi Borah, Rinjumoni Dutta , Khagen Kurmi	NA
5.	Influence of Integrated Nutrient Management on Soil Properties and Plant Nutrient Uptake in Maize in International Journal of Current Microbiology and Applied Sciences ISSN: 2319-7706 Volume 7 Number 12 (2018)	Krishnakhi Borah, Rinjumoni Dutta	NA
6.	Potassium Management in Organic Cultivation of Scented Rice in International Journal of Current Microbiology and Applied Sciences ISSN: 2319-7706 Volume 7 number 06 (2018)	Dipankar Das, Jogesh Goswami , Krishnakhi Borah	NA
Training manuals	Sak- pachalir jaibik krikhi paddhatir prakhikhyan hatputhi	Dr. F.U. A. Ahmed, Dr.A. Bharali, H. Sarmah, S. Hazarika, K. Borah, M. Borthakur, B. Gogoi, S.Bhuyan, R.C. Neog	50
	Masur mah khetir prakhikhyan hatputhi	Dr. F.U. A. Ahmed, Dr.A. Bharali, H. Sarmah, S. Hazarika, K. Borah, M. Borthakur, B. Gogoi, R.C. Neog	50
Technical Report	Annual Report		
	Report for Scientific Advisory committee		
	Report for ZREAC meeting		
Book/ Book Chapter	“Medicinal Plants and their compounds with anticancer properties” in the Book “ Phytocompounds : From Sources to Bioactivities and Applications” Publisher –STUDIUM Press LCC (USA)	Barbi Gogoi, Marine Hussain, Syeda Tabassum Tasfia, Krishnakhi Borah, Babita Joshi, SiddharthaProteem Saikia	NA
Popular articles	“ <i>Sishuder joinyo pustiikar aaharer pyoyojoniyota</i> ” in “ <i>Simanta</i> “	Mridusmita Borthakur	
	“ <i>Khadyat Rangar Samahar</i> ” in <i>Ghare Pathare</i>	Mridusmita Borthakur	
	“ <i>Sishur Babe Pustikar Aaharor pyoyojoniyota</i> ” in <i>Ghare Pathare</i>	Mridusmita Borthakur	
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

3.7 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)

❖ **Success story of CFLD (Cluster Frontline Demonstration Programme) on Toria under NMOOP 2018-19:**

Generally, the Farmers of Golaghat district grow kharif paddy which is a long duration crop (150-155 days). They do sowing during July and Harvested in mid December. Therefore, the fields remain as rice- fallow area as the farmers do not have any suitable crop to grow at that period. These kharif rice- fallow areas

are used for Toria cultivation in some parts of the district. Low land areas of the district are mostly flood affected. Therefore, paddy is not successful in such areas. Toria is cultivated in such areas.

Under CFLD programme, late sown toria variety TS-67 have been introduced in the toria growing areas. During the years 2017-18 and 2018-19, a total of 200 ha area was covered for growing toria under CFLD programme to popularize the late sown variety TS-67. Farmers under CFLD programme were advised to keep a portion of their produce as seed. They use these seeds for area expansion and thus double cropping become popularised. KVK Golaghat approached Numaligarh Refinery Limited (NRL) for farm mechanization in the district. With financial assistance of NRL and technical intervention of KVK Golaghat six (6) nos. of Custom Hiring Centres (CHC) in six different villages were established covering. NRL also gave financial assistance to the farmers for 100 ha area to grow toria (Var. TS-67).



Financial Year : 2017-18

Area under Rice –Toria cropping Sequence		
Farmer's practice	Area under CFLD on toria	Area under toria (NRL sponsored programme)
25 ha	10 ha	66.67 ha

Financial Year : 2018-19

Area under Rice –Toria cropping Sequence		
Farmer's practice	Area under CFLD on toria	Area under toria (NRL sponsored programme)
80 ha	30 ha	100 ha

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	Pest control of Sugarcane

		attack.	
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 ' <i>Dhuachang</i> ' (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 (2018-19) :

Details	No. of Samples analysed	No. of Farmers	No. of Villages	Amount (In Rupees) realized
Soil Samples	57	518	13	-
Water Samples				
Plant Samples				

Petiole Samples				
Total	57	518	13	-

1. Details of Soil Health Cards (SHCs) (2018-19)

- a. No. of SHCs prepared: 518
- 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: 13
- 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	2963	6	2928	12	5856	0	0	2	976	7	3416	45	16139
Voice only	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Voice and Text	-	-	-	-	-	-	-	-	-	-	-	-	-	-

both														
Total	18	2963	6	2928	12	5856	0	0	2	976	7	3416	45	16139

3.14 Contingency planning for 2017-18

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: Not Done.

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

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)

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)

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	Cluster Frontline Demonstration Programme on Pulse and Oilseed
D.A.Office, Golaghat	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 2018-19

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. Greengram Var. SGC-16: 10 ha 3. Lentil Var. KLS-218: 50 ha 4. Sesame Var. Bohuabheti local: 10 ha 5. Toria Var. TS-67: 50 ha	2015-16	NFSM and NMOOP	8,60,000.00
Tribal Sub Plan (TSP)	Demonstrations on: 1. Fishery based Integrated Farming System model: 6 nos 2. Development of Scientific Bari system under Agro- Forestry: 18 nos.	15.03.17	Director of Research, AAU, Jorhat	22,00,000.00
Preparation of soil health cards and distribution		2016-17	ICAR, AAU	

Adopted village for Doubling Farmers income	Demonstration on 1. Pea: 15.73 ha 2. Pumpkin: 12.19 ha 3. Potato: 10.67 ha 4. Toria : 66.67 ha 5. Lentil : 12 ha 6. Dual Purpose poultry Breed : Vanaraja : 200 nos. Establishment of Custom Hiring Centre : 6 nos.	2017-18	ICAR, AAU,	
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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 2018-19

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	-	-	1.5 ha	Ranjit, Gitesh, Kola joha, TTB 404, Keteki joha, Konee joha, Manipuri chaho	Certified seed	16.59Q	23154.00	Sale in progress	
Wheat									
Maize									
Any other									
Pulses									
Green gram									
Black gram									

Arhar									
Lentil									
Any other									
Oilseeds									
Toria			3 ha	TS 67	Foundation seed	18.00 Q	32682.00	Yet to sale	
Soy bean									
Groundnut									
Any other									
Fibers									
i.									
ii.									
Spices & Plantation crops									
i.	Black pepper			Paniyur I	Cuttings	2689 nos.	1200.00	53750.00	
ii.									
Floriculture									
i.									
ii.									
Fruits									
i.	Lemon			Assam Lemon	Cuttings	904 nos.	1050.00	27120.00	
ii.	Guava			L-69	Cuttings	75 nos.	600.00	4500.00	

Vegetables									
i.									
ii.									
a. Others (specify)									
i.									
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	374.015 q		448818.00	

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	Client (PF/R/EF)	No. of Courses	No. of Participants including SC/ST			No. of SC/ST Participants		
				Male	Female	Total	Male	Female	Total

6.6. Utilization of hostel facilities (Month-Wise) during 2018-19

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 2018-19

S. No.	Particulars	Sanctioned (in Lakh)	Released (in Lakh)	Expenditure (in Lakh)

A. Recurring Contingencies				
1	Pay & Allowances	110.00	100.05178	100.05178
2	Traveling allowances	2.5	2.5	2.5
3	Contingencies			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	17.00	17.00	17.00
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)			
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)			
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)			
G	Training of extension functionaries			
H	Maintenance of buildings			
I	Establishment of Soil, Plant & Water Testing Laboratory			
J	Library			
TOTAL (A)		129.5	119.55178	119.55178
B. Non-Recurring Contingencies				
1	Works			
2	Equipments including SWTL & Furniture	2.50	2.50	2.50
3	Vehicle (Four wheeler/Two wheeler, please specify)			

4	Library (Purchase of assets like books & journals)			
5	HRD			
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		132.00000	122.05178	122.05178

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 2016 to March 2017	51249.38	157684.00	174240.00	34693.38
April 2017 to March 2018	34693.38	635097.00	325876.00	343914.38
April 2018 to March 2019	343914.38	884498.00	873894.00	354518.38

Note: No KVK must leave this table blank

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

Name of the Scheme	Activity	Date/ Month of Initiation	Funding Agency	Amount (Rs.)
Krishikarma (NRL sponsored programme)	Implementation of various Agricultural activities for upliftment of Farmers' Livelihood and securing Doubling Farmers' Income through Agricultural Machinery and Custom Hiring Centres (CHC)		Numaligarh Refinery Limited	
	1. Flood contingency (Cultivation of short duration Paddy)	17.08.18		3,11,700.00

	2. Custom Hiring Centre	13.04.18		3,00,000.00
	3. Flood contingency (Cultivation of Blackgram)	18.09.18		3,40,000.00
Agriculture centric sustainable livelihood improvement programme for the tribal farmers of Assam	1. A cluster of 4 tribal villages of the district to develop backyard poultry farming with improved variety like "Vanaraja" 2. To develop pig breeding to produce quality piglet for the development of pig farming in the district. 3. To promote cultivation of horticultural crop like vegetables, Assam lemon etc. 4. To develop Scientific Bari System	15.03.17	Assam Agricultural University	22,00,000.00

8.2. APART

Crop	Variety	Location	Beneficiary	Area (ha)
Winter Paddy	Swarna Sub-1 Ranjit Sub-1, Kolajoha	Morongi, Bokakhat ,Kothalguri , Golaghat North	227	100.41
Boro Paddy	Bina 11	Dubi Gaon, Borgoria, 2 no. Porongonia, Khumtai	46	8.95
Toria	TS 46	Borgoria, Jathipotia, Borchapori , Lemchapori, Porongonia, Alami, Baliduar, Chohola, Mithaaam chapori, Khumtai, Bholaguri, Kamar Gaon	83	39.25
Tomato	Arka Rakshak	Letekuchapori, Chohola, Betonipatty, bokakhat, Borgoria	5	1.25
Pea	Aman	Khumtai, Lemchapori, Dergaon, Chohola	5	1.25
Lentil	KLS 218	Lemchapori, Chohola, Porongonia, Baliduwar, Khokondoguri	48	15
Summer Blackgram	PU 31	Porongonia, Lemchapori, Baliduwar, 3 no. Koibarta, Mithaam chapori, Budhbari, 1 no. Borjan, Hahsowa Gaon, Naromari, Chohola,	54	46

8.3 Cluster Frontline Demonstration on Oilseed and Pulses under NMOOP and NFSM

SI No.	Season	Crop	Area(ha)	Avg. Yield (Q/ha)	
				Demo	Check
1	<i>Kharif</i>	Black Gram	10	6.10	5.60
2	<i>Kharif</i>	Green Gram	10	7.08	6.75
3	<i>Kharif</i>	Sesamum	10	4.6	3.25
4	<i>Rabi</i>	Lentil	50	6.9	5.42
5	<i>Rabi</i>	Toria	30	12.38	11.25

8.4 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