PROFORMA FOR ANNUAL REPORT OF KVKS, 2016-17

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
Krishi Vigyan Kendra, Assam Agricultural University, Simaluguri, Nagaon, Assam Pin: 782002	Office 03672-225384	FAX 03672-225384	**kvk_nagaon@aau.ac.in**

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

Address	Telephone		E mail
	Office	FAX	vc@aau.ac.in
Assam Agricultural University, Jorhat, Assam Pin- 785013	0376-2340013	0376-2340001	

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

Name	Telephone / Contact		
Dr. Niranjan Deka Programme Coordinator	Residence	Mobile	Email
	-	94350-66297	kvk_nagaon@aau.ac.in

1.4. Year of sanction: As remandated ZRS: February, 2000, As full flagged: April, 2004

1.5. Staff Position **(As on 31st March, 2017)**

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	Programme Coordinator	Dr. Niranjan Deka	PC	Entomology	37400-67000	70720	04.07.04	Permanent	Gen
2	Subject Matter Specialist	Ms. Seema Bhagowati	SMS	Soil Science	15600-39100	27390	10.11.08	Permanent	Gen
3	Subject Matter Specialist	Ms. Sibani Das	SMS	Horticulture	15600-39100	25810	10.11.08	Permanent	SC
4	Subject Matter Specialist	Ms. Priyanka Nath	SMS	Home Science	15600-39100	27390	12.11.08	Permanent	OBC
5	Subject Matter Specialist	Ms. Sinki Barman	SMS	Agril. Economics	15600-39100	22280	03.02.14	Permanent	Gen
6	Subject Matter Specialist	Ms Bonti Gogoi	SMS	Agronomy	15600-39100	21630	19.10.15	Permanent	OBC
7	Subject Matter Specialist	-	SMS	-	-	-	-	-	-
8	Programme Assistant	Mr. Dhiren Nath	P A (Fisheries Sc)	Fishery Sc.	8000-35000	24590	10.10.01	Permanent	OBC
9	Computer Programmer	Mr. Deepak Kr.	P A (Comp.)	Computer	8000-35000	18920	01.12.08	Permanent	Gen

		Goswami							
10	Farm Manager	Mr. Nayan Jyoti Bordoloi	Farm Manager	Agriculture	8000-35000	18360	10.12.09	Permanent	Gen
11	Accountant / Superintendent	Mr. Luhit Baruah	Acountant	Agri-Bussiness	8000-35000	13690	10.11.14	Permanent	Gen
12	Stenographer	Ms. Pranita Deka	Jr. Steno cum comp operator	-	5200-20200	11220	21.02.12	Permanent	OBC
13	Driver	Mr. Mahesh Senapati	Driver	-	5200-20200	9390	05.01.10	Permanent	OBC
14	Driver	Mr. Robin Borah	Driver	-	5200-20200	9390	14.03.12	Permanent	OBC
15	Supporting staff	Mr. Som Chandra Bora	Grade-IV	-	5200-20200	12310	01.03.06	Permanent	OBC
16	Supporting staff	Mr. Bhuban Ch. Deka	Grade-IV	-	4560-15000	11880	01.03.06	Permanent	OBC

1.6. a. Total land with KVK (in ha) :13.0

b. Total cultivable land with KVK (in ha):8.0

c. Total cultivated land (in ha):7.5

S. No.	**Item**	**Area (ha)**
1	Under Buildings (Administrative building+ Farmers' Hostel+ Staff Quarters)	0.86 ha
2.	Under Demonstration Units	1.1 ha
3.	Under Crops (Cereals, pulses, oilseeds etc.)	7.44 ha
4.	Under vegetables	0.06 ha
5.	Orchard/Agro-forestry	0.36 ha
6.	Others (specify)	

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	Construction of Administrative building of KVK, Nagaon is completed.						
2.	Farmers Hostel	No facility. Presently Attached with RARS, Shillongani						
3.	Staff Quarters (6)	No facility. Presently Attached with RARS, Shillongani						
4.	Demonstration Units (2)	RKVY	Mar, 2012	-	-	-	-	Completed
5	Fencing	-	-	-	-	-	-	-

B) Vehicles

Type of vehicle	Regd. No.	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Jeep	AS 03E 0035	2006	490503.00	96598	Needs replacement
Tractor	AS 02B 2704	2003	297213.00	3650 (meter not working at present)	Not working properly needs replacement of a new tractor along with a tractor trolley.

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
I. Soil & Water testing Equipments			
Auto Analyzer	2007	248484.00	Good
Mechanical Shaker (150ml cap)	2007	22278.00	Good
Water Distillation Set	2007	39280.00	Good
Plant Sample Grinder	2007	15750.00	Good
Spectrophotometer	2007	26424.00	Good
pH meter	2007	8307.00	Good
Conductivity meter	2007	9757.00	Good
Hot plate	2007	3375.00	Good
Pen pH meter	2007	3000.00	Good
Chemical Balance	2007	32500.00	Good
Physical Balance (5.0kg)	2007	4500.00	Good
Physical Balance (2.5 kg)	2007	3000.00	Good
Mechanical Shaker	2007	18563.00	Good
Hot Air Oven	2007	21330.00	Good
Flame Photo meter	2007	25301.00	Good
Refrigerator	2008	14062.00	Good
Laminar flow	2011	57930.00	Good
Hot air oven	2011	36888.00	Good
BOD incubator	2011	122131.00	Good
Autoclave	2011	93638.00	Good
Rotary Checker	2011	28375.00	Good
Electronic Balance	2011	9591.00	Good
Pocket Ph Meter	2011	2270.00	Good

List of farm equipment	Year of purchase	Cost (Rs.)	Remarks
Power tiller	2009	273022.00	Good
Motorized Knapsack	2009	22360.00	Good
Mechanized brush cutter	2009	28000.00	Good
Multipurpose Power weeder	2009	42078.00	Good
Power paddy weeder	2009	36254.00	Good
Earth Augar	2009	56749.00	Good
8 row self propelled rice transplanter	2009	188198.00	Good
Knapsack power duster back cushion and padded shoulder strap	2009	7696.00	Good
Knapsack Sprayer (Brass)-16 lits.	2009	2100.00	Good
Rota vator	2009	191610.00	Good
Fingerling catching net	2009	19912.00	Good
Drag net	2009	42300.00	Good
Pump set	2009	17670.00	Good
Disc Harrow	2009	35256.00	Good
Disc plough	2009	27030.00	Good
Puddler	2009	25896.00	Good
Chaft cutter	2009	15496.00	Good
Spring tyne cultivator	2009	29744.00	Good
Power sprayer pump	2009	9708.00	Good
Accessories of power tiller	2009	112820.00	Good
Monoblock Pumpset	2009	3744.00	Good
Paddle operated paddy thresher	2009	11250.00	Good
Seed Cleaner	2009	325476.00	Good
Sprinkler irrigation system	2009	71000.00	Good
Wheel barrow	2010	5175.00	Good
Sealing Machine	2012	2838.00	Good
Dripkit	2012	958.00	Good

1.8. A). Details SAC meeting* conducted in the year 2016-17

Sl. No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken on last SAC recommendation
1.	15.03.17	Dr.G.N.Hazarika ,DR(Agri) AAU,Jorhat	Awareness programme on Fertilizer dose and Pesticides among the Agricultural Input dealers of Nagaon district. Under Home science, both the OFTs should be nutrition based. For FLDs under Jute seed production, proper motivation and awareness is necessary including certification also. Documentation of ITK's as much as possible. Convergence with social welfare department for development of nutrition garden at two schools. Skill development training on candy preparation from local amla and minor fruits. Skill training on application and utilization of pitcher drip irrigation. The training should to minimize to Six (6) numbers with 4-5 days duration. Importance and skill training on Rain water harvesting (Jalkund) and Makhana cultivation with resource person from Head quarter, Assam Agricultural University. Development of small entrepreneurship with proper linkage with NRLM, Nagaon.	Strawberry cultivation bulletin for publication has already been sanctioned. However, bulletin on floriculture covering Marigold and Gerbera is under process.

2.		Dr.H.C.Bhattacharyya ,DEE , AAU, Jorhat	The sites for OFT's related to submergence tolerance rice varieties should be selected based upon discussion with line departments and IFFCO, Nagaon. The relative yield of Toria should be correlated with weather based parameters for authencity. One FLD on Apple Ber and Seedless litchi should be conducted for Nagaon district for popularization. Skill training on Azolla and vermicompost production. FLD on hybrid oyster mushroom and year round production of milky mushroom for popularization and development of Mushroom village. The DBT Laboratory technician should be properly utilized for Mushroom production and Azolla production. Skill training on Technology on solar drying for fish to prepare value added products in collaboration with Fishery Department, Nagaon Development of Ornamental fish village from KVK Nagaon for popularization.	Exposure visit of farmers to Jorhat on marketing and packaging was done on last 20th Feb,2017.
3		Dr. P.K.Das ,CS ,RARS ,Shillongani		As there is no Animal Scientist, so training and FLD on Backyard poultry could not be conducted.
4		Dr.S.Borthakur ,Dean's Representative ,COF ,Raha		Skill training for entrepreneurship development on vermicompost and fishery was done.
5		District Officers/ Officials of Line Deptts NABARD and Lead Bank Manager ,Nagaon		The village Deobali of Phulaguri area was developed as adopted village in the field of pulse production.
6		Progressive farmers & Entrepreneurs of Nagaon		Though we were suggested to conduct one OFT on Neem coated urea and Normal urea but last year we could not conduct due to failure of supply by the input dealer .However this time it will be conducted in consultation with

				RARS, Shillongani.
				A four days vocational training on flower cultivation for Extension Functionaries has already been fixed w.e.f 27th - 30th March'2017.

**** 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)

Sl. No	Farming system/enterprises
1.	Agri – Horti
2.	Agri – Horti –Dairy
3.	Agri – Horti –Fishery
4.	Agri – Horti – Poultry
5.	Agri – Horti – Piggery
6.	Agri – Horti –Fishery – Duckery
7.	Agri – Seri – Piggery

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

Sl. No	Agro-climatic Zone	Characteristics
1.	Central Brahmaputra Valley Zone	The zone is consisted of two districts with four Agricultural Sub-divisions viz. Nagaon, Raha, Hojai and Kaliabor in Nagaon and one sub division in Morigaon district. The major physiographic variations of the zone are low hills; piedmont and high land areas, flood plain, char lands and swampy areas. The climate of the zone is generally humid sub-tropical (hot and wet in summer and cool in winter). The relative humidity is about 37% in the month of February /March and about 80% in other months. The zone receives mean annual rainfall of 1800 mm with five winter months having rainfall less than 100 mm. The monsoon commences from March and intensity gradually increases up to August and then declines to the minimum during November/ December. During rainy season, Water supply goes above water need and excess water causes stagnation and flood in many areas. In winter water table recedes beyond root zone of the field crops. The maximum temperature rises up to 38 ^{0} C in July-August and minimum falls to 8 ^{0} C in January.

2.3 Soil type/s

Sl. No	Soil type	Characteristics	Area in ha
1	Clayey Typic Hapludults	Very deep, well drained, clayey soils occurring on moderately slopping side slopes of hills having loamy surface with moderate erosion hazards	16.8
2	Fine Typic Hapludalfs	Very deep, well drained, fine soils occurring on gently to undulating upland having loamy surface with moderate erosion hazards	56.0
3	Fine Dystric Eutrochrepts	Very deep, moderately well drained, fine soils occurring on undulating upland having loamy surface with moderate erosion hazards	113.6
4	Fine Aeric Haplaquepts	Very deep, moderately well drained, fine soils occurring on very gently to gently sloping plain having clayey surface with slight erosion and slight flood hazards	237.9
5	Coarse loamy Aquic Udifluvents	Very deep, imperfectly drained, coarse loamy soils occurring on gently sloping plain having coarse loamy surface with very slight erosion hazards	257.9
6	Fine loamy Aquicn Dystric Eutrochrepts	Very deep, moderately well drained, fine loamy soils occurring on very gently sloping plain having loamy surface with slight erosion and slight flood hazards	261.3
7	Fine Ruptic Alfic Eutrochrepts	Very deep, moderately well drained, coarse loamy soils occurring on undulating upland having sandy surface with severe erosion hazards	25.3
8	Fine loamy Typic Dystrochrepts	Very deep, well drained, fine loamy soils occurring on gently sloping to undulating upland having loamy surface with moderate erosion hazards	190.9
9	Fine loamy Typic Dystrochrepts	Very deep, well drained, fine loamy soils occurring on undulating upland having loamy surface with slight erosion hazards	18.2
10	Fine loamy Aeric Haplaquepts	Very deep, poorly drained, fine loamy soils occurring on gently sloping sub due plain having clayey surface with slight erosion hazards	52.1
11	Fine silty Aeric Haplaquepts	Very deep, poorly drained, fine silty soils occurring on nearly leveled flood plain having loamy surface with slight erosion and moderate flood hazards	65.5
12	Coarse loamy Typic Fluvaquents	Deep, poorly drained, coarse loamy soils occurring on nearly leveled flood plain having loamy surface with slight erosion and moderate flood hazards	105.0
13	Coarse silty Typic Udifluvents	Deep, well drained, coarse silty soils occurring on active flood plain having loamy surface with moderate erosion and severe flood hazards	161.9

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

Sl. No	Crop	Area (ha)	Production (ton)	Productivity (Qtl /ha)
1.	Winter rice	132567	315158	2415
2.	Summer rice	66700	250125	3750
3.	Autumn rice	32950	78421	2380
4.	Wheat	4815	6163	1280
5.	Jute	12500	28215	2250
6.	Sugarcane	7446	322835	47870
7.	Green gram	1478	1094	740
8.	Black gram	3145	2705	860
9.	Pea	4343	3605	830
10.	Lentil	1753	1122	640
11	Toria	27276	23457	860
12.	Sesamum	1112	634	570

2.5. Weather data

Month	Rainfall (mm)	Temperature 0 C		Relative Humidity (%)
		Maximum	Minimum	
April, 2016	262.0	29.1	20.7	89.4
May, 2016	157.2	30.0	22.9	87.8
June, 2016	227.4	32.2	25.3	89.0
July, 2016	495.9	31.1	25.7	92.0
Aug, 2016	146.6	33.5	26.7	86.0
Sept, 2016	249.4	32.1	25.5	88.0
Oct, 2016	84.9	31.3	23.9	86.0
Nov, 2016	4.2	28.8	18.0	88.0
Dec, 2016	4.4	26.4	13.5	86.0
Jan, 2017	0.0	25.0	13.2	86.0

2.6. Production and productivity of livestock, Poultry, Fisheries etc. in the district

Category	Population	Production	Productivity
Cattle			
Crossbred	56,771	10529130 lit	2.13 lit/da
Indigenous	8,02,443	28354101 lit	0.628 lit/da
Buffalo	12,663	5996903 lit	8.71 lit/da
Sheep			
Crossbred			
Indigenous	12,395	3882 kg	20 kg/yr
Goats	3,56,954	393860 kg	20 kg/yr
Pigs			
Crossbred	16,363	309538 kg	
Indigenous	58,510		65 kg/yr
Rabbits	27		
Poultry			
Hens			
Desi	1176122	Egg: 18416746nos.,	Egg: 70 nos./year, Meat: 2.62
Improved	10674	Meat: 282203 kg	Egg: 150 nos./year, Meat: 2.65
Ducks	505585	Egg: 8920483nos Meat: 51588 kg	Egg: 80nos./year, Meat: 2.60
Turkey and others			

Category	Area	Production	Productivity
Fish	40204 ha	31000 MT/year	1.30 MT

2.6 Details of Operational area / Villages (2016-17)

Sl. No.	Taluk/ Eleka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified thrust area
1.	Nagaon	Raha	Metaka	Rice, Green gram, Toria, Fishery	Gaps in adoption of improved production practices	1.Introduction of improved varieties 2.Productivity Enhancement 3.Nutrient Management 4.Fish Production,
2.	Nagaon	Lumding	Kaki	Sali rice, plantation crop	-do-	1.Introduction of improved varieties, 2.Productivity Enhancement 3. Nutrient Management
3.	Nagaon	Lumding	Rani pukhuri	Sali rice, vegetables, dairy	-do-	1.Introduction of improved varieties, 2.Productivity Enhancement 3. Nutrient Management
4.	Nagaon	Samaguri	Purani Gudam	Rice,Toria,vegetables, Fishery	-do-	1. Nutrient Management 2.Integrated Pest Management 3.Fish Production, 4. Entrepreneurship Development 5. Fish Production,
5.	Nagaon	Kathiatali	Rangalu	Rice, Vegetables, Fishery	-do-	1. Nutrient Management 2.Integrated Pest Management 3. Livestock management, 4. Entrepreneurship Development 5. Fish Production,
6.	Nagaon	Bajiagaon	Naam Koroiani	Rice, Toria, pulses	-do-	1. Nutrient Management 2. Integrated Pest Management 3..Fish Production, 4. Entrepreneurship Development
7.	Nagaon	Bajiagaon	Telia Pahukata	Rice, Toria, Green gram,	-do-	1.Nutrient Management 2.Integrated Pest Management 3.Emphasis on Pulses and Oilseeds crops,

8.	Nagaon	Khagorijan	Amtola	Paddy,Vegetables, Fishery	-do-	1.Nutrient Management 2. Integrated Pest Management 3.Fish Production,
9.	Nagaon	Kaliabar	Naltoli	Rice,jute, Dairy, Fishery	-do-	1.Introduction of improved varieties, 2.Productivity Enhancement 3.Nutrient Management 4.Emphasis on Pulses and Oilseeds crops, 5.Livestock management 6. Fish Production,,
10.	Nagaon	Raha	Dubaritoli	Sugarcane, Pulses, Fishery	-do-	1.Introduction of improved varieties, 2.Productivity Enhancement 3.Nutrient Management 4. Integrated Pest Management 5.Emphasis on Pulses and Oilseeds crops 6. Fish Production,,
11.	Nagaon	Dalonghat	Juria	Rice,Jute	-do-	1. Nutrient Management 2. Integrated Pest Management 3.Fish Production, 4. Entrepreneurship Development 5. Fish Production,
12.	Nagaon	Kathiatali	Kathiatoli	Pulses, Sugarcane	-do-	1.Introduction of improved varieties, 2. Nutrient Management 3. Integrated Pest Management 4. Entrepreneurship Development
13.	Nagaon	Raha	Niz Dimow	Fishery, Rice	-do-	1.Introduction of improved varieties 2. Nutrient Management 3. Integrated Pest Management 4.Fish Production,
14.	Nagaon	Dalangghat	Nasatra	Rice, Oilseed Pulses	-do-	1.Productivity Enhancement 2. Integrated Pest Management 3.Emphasis on Pulses and Oilseeds crops

15.	Nagaon	Khagorijan	Raidongia Bamungaon	Rice, Pulses, Oilseeds	-do-	1.Introduction of improved varieties, 2.Productivity Enhancement 3. Nutrient Management 4.Integrated Pest Management 5.Emphasis on Pulses and Oilseeds crops, 6. Entrepreneurship Development
16.	Nagaon	Dalang ghat	Maj jajori	Pulses,Toria	-do-	1.Introduction of improved varieties, 2.Productivity Enhancement 3. Nutrient Management 4.Integrated Pest Management 5.Emphasis on Pulses and Oilseeds crops, 6. Entrepreneurship Development
17.	Nagaon	Pakhimoria	Jamuguri	Rice, Toria, Goatary	-do-	1.Productivity Enhancement 2.Integrated Pest Management 3.Emphasis on Pulses and Oilseeds crops, 4.Livestock management, 5. Entrepreneurship Development
18.	Nagaon	Khagorijan	Bamungaon	Rice, Sugarcane	-do-	1.Introduction of improved varieties, 2.Productivity Enhancement 3. Nutrient Management 4. Entrepreneurship Development
19.	Nagaon	Raha	Phulaguri	Pulses, Toria, Rice, Fishery	-do-	1.Productivity Enhancement 2.Integrated Pest Management 3.Fish Production,
20.	Nagaon	Odali	Gatanga	Rice, Jute, Vegetables	-do-	1.Introduction of improved varieties, 2.Productivity Enhancement 3.Nutrient Management 4.Integrated Pest Management 5. Entrepreneurship Development

3. TECHNICAL ACHIEVEMENTS

3. A. Details of target and achievements of mandatory activities by KVK during 2016-17

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	5	6	9	2	2	2	6
SOIL SCIENCE	2	3	6	9	2	2	2	6
HORTICULTURE	2	2	6	6	3	3	3	7
PLANT PROTECTION	1	1	3	3	1	3	1	3
Total	**7**	**11**	**21**	**27**	**8**	**8**	**8**	**22**

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	8	10	200	259				
Rural youth	4	4	100	113				
Extn. Functionaries								
Total	12	14	300	372				

Seed Production (ton.)		Planting material (Nos. in lakh)	
5		6	
Target	Achievement	Target	Achievement
Sali rice = 100.0Q	110.0 q	Turmeric = 2.0 q	2.0 q
Toria = 18.0 q	14.0 q		
Blackgram =5.0 q Greengram = 5.0 q	0.17 q 1.12 q		
Dhaincha = 1.8 q	0.18 q		
Summer sesamum = 2.0 q	2.27 q		

Note: Target set during last Annual Zonal Workshop

3. B. Abstract of interventions undertaken during 2016-17

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 performance	Sali rice	Lack of submergence tolerant rice varieties	Performance of Submergence tolerant rice varieties	-	Water management in Sali rice	-	Training, Monitoring	Seeds, Fertilizers, pesticides
2	Varietal performance	Toria	Lack of late duration toria varieties	Performance of Toria variety TS 67 and TS 38 at different sowing dates	-	-	-	Training, Monitoring	Seeds, Fertilizers, pesticides
3	Nutrient Management	Mustard	Lack of proper nutrient management in mustard	Fertilizer dose of Mustard var. NRCHB 101	-	-	-	Monitoring	Seeds, Fertilizers, pesticides
4	Nutrient Management	Wheat	Lack of proper nutrient management in wheat	Effect of Zinc on productivity of Wheat var HD 2967	-	-	-	Monitoring	Seeds, Fertilizers, pesticides

5	Tillage management	Wheat	Gap in soil management for wheat crop	Effect of conservation tillage on the performance of wheat in rice-wheat system Wheat var HD 2967	-	-	-	Monitoring	Seeds, Fertilizers, pesticides
6	INM	Lentil	Lack of proper nutrient management in pulses	Effect of biofertilizer and ZnSO4 on productivity of Lentil	-	Seed production of pulses	-	Monitoring	Seeds, Fertilizers, pesticides
7	Varietal performance	Blackgram	Lack of late duration blackgram varieties	-	Performance of Black gram varieties at Central Brahmaputra Valley zone	-	-	Method demonstration and Monitoring	Seeds, Fertilizers, pesticides
8	Integrated nutrient management	Greengram	Low yield of pulses due to lack of improper fertility management	-	Biofertilizer application in Greengram var. Pratap	Scientific production technology of pulses	-	Training and Monitoring	Seeds, Fertilizers, pesticides
9	Soil health	Rice	Indiscriminate use of chemical fertilizers	OFT on "Organic Rice"	-	-	-	-	Seeds, biofertilizers including Azolla.
10	Nutrient management	Rice – Rapeseed	Increasing deficiency of Zn & B	Management of zinc and boron in rice - rapeseed cropping sequence	-	-	-	-	Seeds, fertilizers.

11	Nutrient management	Rapeseed – summer Blackgram	Less use of sulphur containing fertilizers	Management of sulphur in Rapeseed – summer Blackgram cropping sequence	-	-	-	-	Seeds, chemical fertilizers, biofertilizers
12	INM	Rice	Indiscriminate use of chemical fertilizers	-	INM in Rice	-	-	-	Seeds, chemical fertilizers & biofertilizers
13	Production of organic inputs	Vermicompost	Imbalance use of chemical fertilizers	-	Low cost vermicomposting technology	Vermicomposting	-	Training on low cost vermicompost technology	Polythene sheets, worms
14	Nutrient Management	Banana	Indiscriminate use of fertilizers	Integrated Nutrient Management in banana	NA	Improved Production tech. of banana.	NA	Training,Method demonstration, field visit	Planting materials, Fertilizers,Plant protection
15	Varietal Performance	Pumpkin	Better utilization of rice fallow and lack of established var.	Performance of Pumpkin Hybrid Arjuna in Rice based cropping sequence	NA	Improved production Technology of Onion	NA	Training, Demonstration ,field visit	Planting materials, Fertilizers,Plant protection
16	Varietal Performance	Gerbera	Lack of knowledge ,awareness on varieties of gerbera	NA	Popularization of Gerbera Varieties Red gem, Red Monarch	Improved production Technology of Gerbera	NA	Training, Demonstration,field visit	Planting materials, Fertilizers,Plant protection
17	Water Management	Brinjal	Inadequate water management	NA	Irrigation management in Brinjal in STW commands	Improved production technology of Brinjal	NA	Training ,Demonstration, Field visit	Planting materials, Fertilizers,Plant protection
18	Weed Management	Okra	Weed management & Low Yield	NA	Plastic Mulching in Okra	Improved production technology of Okra.Advantages of Polythene mulch	NA	Training ,Demonstration, Field visit	Planting materials, Fertilizers,Plant protection,Plastic mulch

3.1 Achievements on technologies assessed and refined during 2016-17

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

Thematic areas	**Cereals**	**Oilseeds**	**Pulses**	**Commercial Crops**	**Vegetables**	**Fruits**	**Flower**	**Plantation crops**	**Tuber Crops**	**TOTAL**
Varietal Evaluation	1	2	1		1					5
Seed / Plant production										
Weed Management										
Integrated Crop Management	3	2	1							6
Integrated Nutrient Management						1				1
Integrated Farming System										
Mushroom cultivation										
Drudgery reduction										
Farm machineries										
Value addition										
Integrated Pest Management										
Integrated Disease Management										
Resource conservation technology										
Small Scale income generating enterprises										
TOTAL	4	4	2	-	1	1	-	-	-	12

* *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

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 Manageme										

nt										
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								
Nutrition Management								
Disease of Management								
Value Addition								
Production and Management								
Feed and Fodder								
Small Scale income generating enterprises								
TOTAL								

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

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	Performance of Submergence tolerant rice varieties	Lack of submergence tolerant rice varieties	T1: Ranjit Sub 1 T2: Bahadur Sub 1 T3: BR 11 Sub 1 T4: Swarna Sub 1	Rice	3	Average Yield (q/ha) T1: 40.8 T2: 37.9 T3: 43.7 T4: 49.5	Satisfied with the performance of the variety		T1: 1.33. T2: 1.15 T3: 1.47 T4:1.80
2	Performance of Toria variety TS 67 and TS 38 at different sowing dates	Lack of late duration toria varieties	T1: 15 Nov 2016 T2: 30 Nov 2016 T3:15 Dec 2016	Toria	3	Average Yield (q/ha)-TS 67 T1: 6.47 T2: 9.32 T3: 1.17 Average Yield (q/ha)-TS 38 T1: 7.31 T2: 10.21 T3: 1.45	Satisfied with the performance of the variety		**TS 67** T1: 1.48 T2: 2.67 T3: (-) 0.53 **TS 38** T1: 1.82 T2: 3.02 T3: (-)0.41
3	Fertilizer dose of Mustard var. NRCHB 101	Lack of proper nutrient management in mustard	T1: 60:30:30 N:P:K kg/ha as Basal application T2: 80:40:30 N:P:K kg/ha as Basal application	Mustard	1	Average Yield (q/ha) T1: 23.72 T2: 25.86	Satisfied with the performance of the technology		T1:2.40 T2:2.32

4	Effect of Zinc on productivity of Wheat var HD 2967	Lack of proper nutrient management in wheat	T1: 60:45:42 N:P:K kg/ha +15 kg Zinc sulphate /ha T2: RDF	Wheat	1	ONGOING (Harvesting completed, threshing not done)			
5	Effect of conservation tillage on the performance of wheat in rice-wheat system Wheat var HD 2967	Gap in soil management for wheat crop	T1:Reduced tillage T2: Rotary tillage T3: Recommended practice	Wheat	1	ONGOING (Harvesting completed, threshing not done)			
6	Effect of biofertilzer and ZnSO4 on productivity of Lentil	Lack of proper nutrient management in pulses	T1: seed inoculation with Rhizobium and PSB+0.5 kg Amm. Molybdate+RDF T2: seed inoculation with Rhizobium and PSB+20 kg $ZnSO_4$+RDF T3: RDF	Lentil	1	Average Yield (q/ha) T1: 7.51 T2: 7.18 T3: 6.82	Satisfied with the performance of the technology		T1: 1.91 T2: 1.97 T3: 1.35
7	OFT on "Organic rice"	Indiscriminate use of chemical fertilizers	T 1: Farmer's practice T 2: 100% RDF T 3: Azolla @ 0.5 t/ha + Biofertilizers	Rice	3	Nutrient content of soil, yield attributes, yield & economics **Yield (kg/ha)** T 1: 21.74 T 2: 31.68 T 3: 25.87	Farmers were satisfied with the technology as the demand for organic product is increasing	Source of potash should be included so that the technology can perform well in potash deficient rice growing areas.	T 1: 1.58 T 2: 2.21 T 3: 2.23

8	OFT on "Combined application of Zn & Boron on rice - rapeseed sequence"	Emerging deficiency of rice and boron in different type of soils	T 1: Farmer's practice T 2: 100% RDF T 3: 2 kg borax per bigha + 3 kg zinc sulphate hepta hydrate per bigha + RDF	Rice - Rapeseed	3	Nutrient content of soil, yield attributes, yield & economics **Yield of Rice (kg/ha)** T 1: 36.21 T 2: 44.32 T 3: 49.53 **Yield of Rapeseed (kg/ha)** T 1: 5.55 T 2: 7.08 T 3: 7.25	Satisfied with the technology	-	**For Rice** T 1: 1.76 T 2: 2.08 T 3: 2.15 **For Rapeseed** T 1: 1.31 T 2: 1.47 T 3: 1.50
9	Sulphur management in rapeseed (TS 38) – summer blackgram (PU – 31) cropping sequence	Less use of sulphur containing fertilizers	T_1 = 100% RDF T_2 = S @ 15kg/ha as SSP + RD NPK T_3 = S @ 15kg/ha as SSP + 25% RD NPK + Biofertilizer + 2 ton FYM/ha	Rapeseed – summer blackgram	3	**Rapeseed (kg/ha)** T 1: 11.24 T 2: 11.52 T 3: 12.55	Satisfied with the technology	-	For Rapeseed T 1: 2.22 T 2: 2.25 T 3: 2.51
10	Integrated Nutrient Management in banana cv Amritsagar	Indiscriminate use of chemical fertilizers	**T_1:**12 kgFYM, 55 g N ,33 g P2O5 , 330g K2O/plant and 25 g each of Azospirillium and PSB per plant **T_2:** 12 kg FYM, 110gN , 33 g P2O5 and 330g K2O	Banana	3	**Technology** **T1** **Bunch wt kg/ha** 8.64 **No of hands/bunch** 6.72 **No of fingers /hand** 25.4 **Yield (q/ha)** 196 **T2** **Bunch wt kg/h** 8.05 **No of hands/bu** 6.57 **No of fingers /hand** 22.5	Satisfied with the performance of the technology	Does not arise	T_1: 3.5 T_2: 3.4

						Yield (q/ha) 185			
11	Performance of Pumpkin Hybrid Arjuna in Rice based cropping sequence	Better utilization of rice fallow and lack of establishe d var.	**<u>Technology:</u>** T1: Pumpkin var Arjuna T2: Farmers practice (local var)	Pumpkin	3	**<u>Technology</u>** **T1** a)Fruit weight kg: 4.5 b)No of fruits/plant:7 c)Duration : 80 d)Yield (q/h) :146 **T2** a)Fruit weight kg :9 b)No of fruits/plant:9.5 c)Duration : 120 d)Yield (q/h) :128	Satisfied with the technology	-	**T1**:2.9 **T2**:1.8
12	Control of false smut disease in Sali rice	Yield loss due to heavy incidence of False smut	T1: Seed treatment with Bavistin + Propiconazole 25 EC @ 1 ml/lit at 50% panicle emergence stage. T2: Farmers practice (without chemical spray)	Sali paddy	2	Average Yield (q/ha) T1: 3.96 T2: 2.87	Satisfied with the performance of the technology		T1: 1.63 T2: 1.21

Field crops – ton/ha, * for horticultural crops -= kg/t/ha, * milk and meat – litres or kg/animal, * for mushroom and vermicompost kg/unit area.

***** Give details of the technology assessed or refined and farmer's practice***

3.2 Achievements of Frontline Demonstrations during 2016-17

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

List of technologies demonstrated during previous year and popularized during 2016-17 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	Toria	Variety TS 38, TS 67	10	105	50
2	greengram	Variety Pratap	5	25	8
3	Lentil	Performance of lentil variety Moitree as relay crop after rice	6	30	10
4	Lathyrus	Performance of lathyrus variety Ratan as relay crop after rice	5	20	5

**** 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**.)

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)		
												N	P	K
					Proposed	Actual	SC/ST	Others	Total					
1.	Blackgram	Varietal Performance	Performance of Black gram varieties at Central Brahmaputra Valley zone	Kharif, 2016	0.66	0.66	-	3	3	NA	Irrigated	M	M	L
2.	Greengram	Integrated Nutrient Management	Biofertilizer application in Greengram var. Pratap	Kharif, 2016	1	1	1	2	3	NA	Irrigated	M	L	L
3	Rice	INM	T_1 = INM T_2 = 100% RDF	Rabi 2017	1.2	1.2	1	2	3	NA	Rainfed	Medium	Low	Low
4	vermicompost	Product of organic inputs	Demonstration of low cost vermicompost technology	2017	-	-	3	5	13	No	-	-	-	-
5	Gerbera	Varietal evaluation	Popularization of Gerbera Varieties Redgem, Red Monarch	Rabi 2016	0.02	0.02	1	2	3	NA	Irrigated sandy loam to clay loam	M	L	M
6	Brinjal	Water management	Irrigation management	Rabi 2016	0.13	0.13	-	2	2	NA	Irrigated sandy loam	M	L	M

		nt	in brinjal in STW commands								to clay loam			
7	Okra	Weed Management	Plastic mulching in Okra	Summer 2017	0.13	0.13	1	2	3	NA	Irrigated sandy loam to clay loam	M	L	M

c. Performance of FLD on 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*	Demo	Local	GC**	GR**	NR**	BCR**	GC	GR	NR	BCR
1	Blackgram	Varietal Performance	0.66	T1:6.72 T2:7.18	3.31	T1:50.74 T2:53.89	T1:8.97 T2:9.13	T1:4.77 T2:7.21	-	-	32147.00	T1:86160 T2: 86064	T1:48493 T2:54013	T1: 2.68 T2: 2.67	35223	39720	4497	(1.12)
2	Greengram	INM	1	6.81	4.75	30.24	8.14	5.23	-	-	35698	81720	46022	2.28	35700	57000	21300	1.59
3	Rice	INM	1.2	On going														
4	Gerbera	Varietal evaluative	0.02	243502	-	-	288542	198462	Disease incidence 10%	-	148356	389603.2	241247.2	2.6	-	-	-	-
5	Brinjal	Water management	0.13	195	176	10.80	208	182	No disease incidence	-	82300	217425	135125	2.64	72615	150410	77795	2.0
6	Okra	Weed Management	0.13	On Going														
7	Summer pady	Integrated Disease Management	1.2	On going														

***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

d. 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	4	3.01.17 7.01.17 9.03.17 17. 03.17	214	66	280	
2	Farmers Training	2	-	39	14	53	
3	Media coverage	15	-	-	-	15	
4	Training for extension functionaries	-	-	-	-	-	
5	Any other (Pl. specify)	-	-	-	-	-	
	Total	**21**	**-**	**253**	**80**	**348**	

e. Details of FLD on Enterprises

(i) Farm Implements NIL

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

**** Field efficiency, labour saving etc.***

(ii) Livestock Enterprises

Sl. No.	Enterprise/ Category (e.g., Dairy, Poultry etc.)	Thematic area	Name of Technology	No. of farmers	No. of units	No. of animals, poultry birds etc.	Major Performance parameters / indicators		% change in the parameter	Other parameters (if any)		Econ. of demo. (Rs./Ha.)				Econ. of check (Rs./Ha.)				Remarks
							Demo	Check		Demo	Check	GC**	GR**	NR**	BCR**	GC	GR	NR	BCR	

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

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

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

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

(iii) Fisheries

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	
1	IMC & Exotic carps	Pond management	Cluster village development on composite fish farming	3	3	1160	Growth & yield of IMC & Exotic carps	Growth & yield	16% growth in 3 months											On going
2	Jayanti rohu	Sp. enhancement		10	10	5000	Growth & yield	Growth & yield	19% growth in 2 months											On going

***** 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	Vermicomposting	Production of organic inputs	Low cost vermicomposting technology	13	13	-	-	-	-	-	-	-	-	-	-	-	-	-	On going

*** 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

**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 (*Sp. On means On Campus training programmes sponsored by external agencies)

Thematic area	No. of Courses/ prog			Participants																		
				General						SC/ST						Total						
				Male		Female		Total		Male		Female		Total		Male		Female		Total		Grand Total
	On-Campus (1)	Spon On * (2)	Total (1+2)	On (4)	Sp. On (5)	On (6)	Sp. On (7)	On (a=4+6)	Sp. On (b=5+7)	On (8)	Sp. On (9)	On (10)	Sp. On (11)	On (c=8+10)	Sp. On (d=9+11)	On (4+8)	Sp. On (5+9)	On (6+10)	Sp. On (7+11)	On (x=a+c)	Sp. On (y=b+d)	(x + y)
I. Crop Production																						
Weed Management																						
Resource Conservation Technologies																						
Cropping Systems																						
Crop Diversification																						
Integrated Farming																						

Water management																					
Seed production																					
Nursery management																					
Integrated Crop Management																					
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 standardizatio n																					
Protective cultivation (Green Houses, Shade Net etc.)																					
b) Fruits																					
Training and Pruning																					
Layout and Management of Orchards																					
Cultivation of Fruit	2	-	2	24	-	4	-	28	-	16	-	6	-	22	-	40	-	10	-	50	-	50
Management of young plants/orchard s																					
Rejuvenation of old orchards																					
Export																					

potential fruits																					
Micro irrigation systems of orchards																					
Plant propagation techniques																					
c) Ornamental Plants																					
Nursery Management																					
Management of potted plants																					
Export potential of ornamental plants																					
Propagation techniques of Ornamental Plants																					
d) Plantation crops																					
Production and Management technology																					

Processing and value addition																					
e) Tuber crops																					
Production and Management technology																					
Processing and value addition																					
f) Spices																					
Production and Management technology																					
Processing and value addition																					
g) Medicinal and Aromatic Plants																					
Nursery management																					
Production and management technology																					
Post harvest technology																					

and value addition																					
III Soil Health and Fertility Management																					
Soil fertility management																					
Soil and Water Conservation																					
Integrated Nutrient Management																					
Production and use of organic inputs																					
Management of Problematic soils																					
Micro nutrient deficiency in crops																					
Nutrient Use Efficiency																					
Soil and Water Testing																					
IV Livestock Production and Management																					

Dairy Management																					
Poultry Management																					
Piggery Management																					
Rabbit Management																					
Disease Management																					
Feed management																					
Production of quality animal products																					
V Home Science/Women empowerment																					
Household food security by kitchen gardening and nutrition gardening																					
Design and development of low/minimum cost diet																					

Designing and development for high nutrient efficiency diet																					
Minimization of nutrient loss in processing																					
Gender mainstreaming through SHGs																					
Storage loss minimization techniques																					
Value addition																					
Income generation activities for empowerment of rural Women																					
Location specific drudgery reduction																					

technologies																						
Rural Crafts																						
Women and child care																						
VI Agril. Engineering																						
Installation and maintenance of micro irrigation systems																						
Use of Plastics in farming practices																						
Production of small tools and implements																						
Repair and maintenance of farm machinery and implements																						
Small scale processing and value																						

addition																						
Post Harvest Technology																						
VII Plant Protection																						
Integrated Pest Management																						
Integrated Disease Management																						
Bio-control of pests and diseases																						
Production of bio control agents and bio pesticides																						
VIII Fisheries																						
Integrated fish farming	-	1	1	-	24	-	-	-	24	-	1	-	-	-	1	-	25	-	-	-	25	25
Carp breeding and hatchery management																						
Carp fry and fingerling rearing																						

Composite fish culture	-	1	1	-	24	-	-	-	24	-	1	-	-	-	1	-	25	-	-	-	25	25
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																					
WTO and IPR issues																					
XI Agro-forestry																					
Production																					

technologies																						
Nursery management																						
Integrated Farming Systems																						
TOTAL	**2**	**2**	**4**	**24**	**48**	**4**	**-**	**28**	**48**	**16**	**2**	**6**	**-**	**22**	**2**	**40**	**50**	**10**	**-**	**50**	**50**	**100**

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

Thematic area	**No. of Courses/ prg.**			**Participants**																		**Grand Total**
				General						**SC/ST**						**Total**						
				Male		**Female**		**Total**		**Male**		**Female**		**Total**		**Male**		**Female**		**Total**		
	Off	**Sp Off***	**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***	
I. Crop Production																						
Weed Management																						
Resource Conservation Technologies																						
Cropping																						

Systems																						
Crop Diversificatio n																						
Integrated Farming																						
Water management	1		1	13		5		18		3		-		3		16		5		26		26
Seed production	1		1	16		4		20		5		2		7		19		3		27		27
Nursery management																						
Integrated Crop Management	3		3	49		12		61		11		6		17		60		18		78		78
Fodder production																						
Production of organic inputs																						
II. Horticulture																						
a) Vegetable Crops																						
Production of low volume and high value crops	2	-	2	36	-	5	-	41	-	7	-	3	-	10	-	43	-	8	-	51	-	51

Off-season vegetables																						
Nursery raising	1	-	1	14	-	8	-	22	-	5	-	-	-	5	-	19	-	5	-	26	-	26
Exotic vegetables like Broccoli																						
Export potential vegetables																						
Grading and standardizatio n																						
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	1	-	1	10	-	5	-	15	-	5	-	5	-	10	-	15	-	10	-	25	-	25
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	1	0	1	8	0	2	0	10	0	5	0	0	0	5	0	22	0	2	0	24	0	24
Soil and Water Conservation																					
Integrated Nutrient Management																					
Production and use of organic inputs																					
Management of Problematic	1	0	1	13	0	5	0	18	0	3	0	0	0	3	0	16	0	5	0	26	0	26

soils																						
Micro nutrient deficiency in crops																						
Nutrient Use Efficiency																						
Soil and Water Testing																						
IV Livestock Production and Management																						
Dairy Management																						
Poultry Management																						
Piggery Management																						
Rabbit Management																						
Disease Management																						
Feed management																						
Production of quality animal products																						

V Home Science/Women empowerment																						
Household food security by kitchen gardening and nutrition gardening																						
Design and development of low/minimum cost diet																						
Designing and development for high nutrient efficiency diet																						
Minimization of nutrient loss in processing																						
Gender mainstreaming through SHGs																						
Storage loss minimization techniques																						

Value addition																					
Income generation activities for empowerment of rural Women																					
Location specific drudgery reduction technologies																					
Rural Crafts																					
Women and child care																					
VI Agril. Engineering																					
Installation and maintenance of micro irrigation systems																					
Use of Plastics in farming practices																					
Production of small tools																					

and implements																					
Repair and maintenance of farm machinery and implements																					
Small scale processing and value addition																					
Post Harvest Technology																					
VII Plant Protection																					
Integrated Pest Management																					
Integrated Disease Management	3		3	47		12		59		11		6		17		58		18		76		76
Bio-control of pests and diseases																					
Production of bio control agents and bio pesticides																					

VIII Fisheries																					
Integrated fish farming	3	-	3	43	-	23	-	66	-	-	-	9	-	9	-	43	-	32	-	75	-	75
Carp breeding and hatchery management																					
Carp fry and fingerling rearing																					
Composite fish culture	1	-	1	7	-	5	-	12	-	8	-	25	-	33	-	15	-	30	-	45	-	45
Hatchery management and culture of freshwater prawn																					
Breeding and culture of ornamental fishes																					
Portable plastic carp hatchery																					
Pen culture of fish and prawn	1	-	1	20	-	-	-	20	-	-	-	-	-	-	-	20	-	-	-	20	-	20
Shrimp																					

farming																						
Edible oyster farming																						
Pearl culture																						
Fish processing and value addition	2	-	2	2	-	43	-	45	-	-	-	4	-	4	-	2	-	47	-	49	-	49
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																						
WTO and IPR issues																						
XI Agro-forestry																						
Production technologies																						
Nursery management																						
Integrated Farming Systems																						
TOTAL	**21**	**-**	**21**	**278**	**-**	**129**	**-**	**327**	**-**	**63**	**-**	**60**	**-**	**114**	**-**	**348**	**-**	**183**	**-**	**548**	**-**	**548**

(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)
				General						SC/ST						Total						
				Male		Female		Total		Male		Female		Total		Male		Female		Total		
	On (1)	Sp On * (2)	Total (1+2)	On (4)	Sp. On (5)	On (6)	Sp. On (7)	On (a=4+6)	Sp. On (b=5+7)	On (8)	Sp. On (9)	On (10)	Sp. On (11)	On (c=8+10)	Sp. On (d=9+11)	On (4+8)	Sp. On (5+9)	On (6+10)	Sp. On (7+11)	On (x=a+c)	Sp. On (y=b+d)	
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																					
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
				General						SC/ST						Total						
				Male		Female		Total		Male		Female		Total		Male		Female		Total		
	Off	Sp Off	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*	
Mushroom Production																						
Bee-keeping																						
Integrated farming																						
Seed production																						
Production of organic inputs																						
Integrated Farming																						
Planting material production																						
Vermi-culture	1		1	13		5		18		3		-		3		16		5		26		26

Sericulture																					
Protected cultivation of vegetable crops																					
Commercial fruit production	1	-	1	14	-	8	-	22	-	5	-	-	-	5	-	19	-	5	-	26	-	26
Repair and maintenance of farm machinery and implements																					
Nursery Management of Horticulture crops	1	-	1	12	-	6	-	18	-	4	-	3	-	7	-	16	-	9	-	25	-	25
Training and pruning of orchards	2	-	2	27	-	13	-	40	-	8	-	-	-	8	-	35	-	10	-	52	-	52
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	2	-	2	24	-	3	-	27	-	11	-	4	-	15	-	34	-	8	-	44	-	44
Small scale processing																					
Post Harvest Technology																					
Tailoring and Stitching																					
Rural Crafts																					
TOTAL	5	-	5	63	-	22	-	85	-	23	-	7	-	30	-	85	-	27	-	121		121

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
				General						SC/ST						Total						
				Male		Female		Total		Male		Female		Total		Male		Female		Total		
	On (1)	Sp On * (2)	Total (1+2)	On (4)	Sp. On (5)	On (6)	Sp. On (7)	On (a=4+6)	Sp. On (b=5+7)	On (8)	Sp. On (9)	On (10)	Sp. On (11)	On (c=8+10)	Sp. On (d=9+11)	On (4+8)	Sp. On (5+9)	On (6+10)	Sp. On (7+11)	On (x=a+c)	Sp. On (y=b+d)	(x + y)
Productivity enhancement in field crops																						
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																					
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																					

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																						
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																					
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																					

Note: Please furnish the details of above training programmes as <u>Annexure</u> 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**
Fisheries Sc.	Composite fish culture	Skill development training on Composite	24th to 28th Jan,2017	5 days	KVK campus	Farmer	24	-	24	1	-	1	25	-	25

		fish culture													
Fisheries Sc.	IFS	Skill development training on Integrated Fish farming	15th to 19th Feb,2017	5 days	KVK campus	Farmer	24	-	24	1	-	1	25	-	25
Horticulture	Cultivation of Fruit	Production and management technology of fruit crops Banana and Assam Lemon	22/01/2017 and 23/01/2017	2	KVK campus	Farmer	20	2	22	3	-	-	23	2	25
	Cultivation of Fruit	Production and management technology of Assam Lemon	16/02/17	1	on	Farmer	12	2	14	7	4	11	19	6	25

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**
Fisheries Sc.	Composite fish culture	Measures to be taken to fish pond during & after flood	29.12.16	1 day	Phulaguri	Farmer & farm Women	7	5	12	8	25	33	15	30	45

Fisheries Sc.	Fry rearing	Carp fry & fingerling rearing	04.02.17	1 day	Gandhibori	Farmer & farm Women	6	2	8	10	4	14	16	6	22
Fisheries Sc.	Pen culture	Pen culture in beels	06.02.17	1 day	Nonoi Deurigaon	Farmer & farm Women	20	-	20	-	-	-	20	-	20
Fisheries Sc.	IFS	Integrated Farming with horticultural crops	11.02.17	1 day	Puranigudam	Farmer & farm Women	16	8	24	-	-	-	16	8	24
Fisheries Sc.	Fry rearing	Carp fry & fingerling rearing	21.03.17	1 day	Auniati satra	Farmer & farm Women	18	1	19	1	-	1	19	1	20
Fisheries Sc.	Fish processing	Fish processing & value addition	22.03.17	1 day	Mazgaon	Farm Women	1	19	20	-	3	3	1	22	23
Fisheries Sc.	IFS	Integrated Farming with poultry	24.03.17	1 day	Salmara	Farmer & farm Women	2	15	17	-	9	9	2	24	26
Fisheries Sc.	IFS	Integrated Farming with horticultural crops	25.03.17	1 day	Rupahi	Farmer & farm Women	25	-	25	-	-	-	25	-	25
Fisheries Sc.	Fish processing	Fish processing & value	31.03.17	1 day	Bilotia, Dhing	Farm Women	1	24	25	-	1	1	1	25	26

		addition													
Agronomy	Water manag ement	Water managemen t in Sali rice	29.09.16	1	Bengennati	Farmer & Farm women	20	4	24	4	0	4	24	4	28
	Crop impro vemen t	Scientific production technology of pulses	12.11.16	1	Maj jajori	Farmer & Farm women	12	3	15	7	4	11	19	6	25
	Crop produ ction techno logy	Improved methods of transplantin g for rice	24.12.16	1	Simaluguri	Farmer & Farm women	24	0	24	2	-	2	24	0	26
	Crop produ ction techno logy	Improved methods of transplantin g for rice	27.12.16	1	Nasatra	Farmer & Farm women	17	2	19	7	0	7	19	7	26
	Crop produ ction techno logy	Improved methods of transplantin g for rice	30.12.16	1	Majgaon	Farmer & Farm women	12	2	14	7	4	11	19	6	25
	Crop produ ction techno logy	Farmer's Scientist interaction Agronomy of oilseeds the eve of KASS-NASS	22.11.20 16	1	Jamuhondol	Farmer & Farm women	-	-	-	21	29	50	21	29	50

		convention													
	Contingency planning	Farmer's Scientist interaction Contingency crop planning	20.12.2016	1	Karbigaon	Farmer & Farm women	-	-	-	17	33	50	17	33	50
Soil science	Soil fertility management	Soil health management	7.12.16	1	Phulaguri	Farmer & Farm women	9	3	12	4	-	4	22	2	24
Soil science	INM	INM in cereals	19.01.17	1	Dhing	Farmer & Farm women	12	2	14	7	4	11	19	6	25
Soil science	Production of organic inputs	vermicomposting	29.03.17	1	Kampur	Rural youth	10	4	14	8	3	11	18	7	25
Horticulture	Production and Management Technology	Production and management technology of Assam Lemon	08/11/16	1	Bengennati	Rural Youth	12	3	15	7	4	11	19	6	25
	Management of young plants/	Production and management technology of Coconut	09/11/16	1	Nasatra	Farmer	24	0	24	2	-	2	24	0	26

	orchard	and Arecanut													
	Nursery Management	Nursery Management of Ornamental plants	16/11/16	1	Mazjajori	Rural Youth	12	6	18	4	3	7	16	9	25
	Nursery Raising	Nursery raising of transplanted vegetables	27/12/16	1	Phuloguri	Farmer	22	0	22	3	-	3	25	-	25
	Production of low volume and high value crops	Production technology of Cole crops	22/01/17	1	Kampur	Farmer	22	0	22	3	-	3	25	-	25
	Nursery raising	Organic cultivation of vegetables	02/3/17	1	Kampur	Farmer	12	2	14	7	4	11	19	6	25
Plant protection	IPDM	IPDM of Summer paddy	30.12.16	1	Bhumuguri	Farmer & Farm women	12	3	15	7	4	11	19	6	25
	IPDM	IPDM of Summer paddy	09.01.17	1	Dhing	Farmer & Farm women	12	3	15	7	4	11	19	6	25
	IPDM	IPDM of pulse	17.10.16	1	Phulaguri	Farmer & Farm women	24	0	24	2	-	2	24	0	26

(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							
					M	F	T	M	F	T	M	F	T	Type of enterprise ventured into	Number of units	Number of persons employed	Avg. Annual income in Rs. generated through the enterprise	
PULSES	2ND Feb to 5th feb 2017	4	oncampus	Seed production of pulses	21	-	21	4	-	4	25	-	25	Certified seed growers	-	-	-	-
Flower crop	27th to 30th March 2016	4	Floriculture	Commercial Floriculture	12	6	18	5	2	7	17	8	25	Cut flower production	2			

*training title should specify the major technology /skill transferred

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

On/ Off/ Vocational	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	F	24th to 28th Jan,2017	5 days	Fisheries Sc.	Composite fish culture	Skill development training on Composite fish culture	24	-	24	1	-	1	25	-	25	NFDB	42125.00
On	F	15th to 19th Feb,2017	5 days	Fisheries Sc.	IFS	Skill development training on Integrated Fish farming	24	-	24	1	-	1	25	-	25	NFDB	47125.00

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 2016-17

			No. of participants								
Sl. No.		**No. Of programme**	**Male**				**Female**				
			SC/ST	**OBC**	**Gen**	**Total**	**SC/ST**	**OBC**	**Gen**	**Total**	**G. Total**
A.	**Extension Activities**										
1	Diagnostic visits	37	15	20	50	85	4	19	17	40	125
2	Advisory Services	919									919
3	Animal Health Camp	3	120	122	207	446		35	20	95	541
4	Plant health camp	7	17	35	194	246	10	13	75	98	344
5	Training/ practical manual	1									
6	Celebration of important days	9	36	178	573	787	18	28	120	166	953
7	Exhibition	9	54	112	312	478	20	65	94	179	657
8	Exposure visits	1	3	4	12	19	-	4	12	16	35
9	Farm Science Club Conveners meet										
10	Farmers Seminar/ workshop										
11	Farmers Visit to KVK	87	6	10	48	64	3	4	16	23	87
12	Field Day	5	20	131	214	365	24	18	174	216	581
13	Group meetings/ Discussion	11	3	8	27	38	5	4	7	16	54
14.	Awareness Camp	5	8	13	93	114	10	27	62	99	213
15.	Kisan Gosthi										
16.	Kisan Mela	2									173
17.	Mahila Mandal Conveners' meetings										
18.	Method Demonstrations	13	5	21	99	125	14	28	74	116	241
19.	Scientists visit to farmers field	140	33	84	129	246	51	68	98	217	463
20	Self Help Group Conveners meetings										
21.	Soil health/ testing Campaigns	2	-	25	118	143	-	12	74	86	229
22.	Film show	5	7	16	75	98	10	16	68	94	192
23.	Any other (Pl. specify)										
	Total										
B.	**Other Extension Activities**										
1.	News paper coverage	37									
2.	News letter										
3.	Research papers	5									-
4.	Technical report/ article										
5.	Radio talks	5									-

6.	TV Talks	1									
7.	Electronic media										
8.	CD publication										
9.	Extension literature										
10.	Technical bulletins	3									-
11.	Literature delivered to resource person	29	20	33	317	370	18	40	92	150	520
12.	Leaflets/folders	5									
13.	Any other (Pl. Specify)										
	Total										
	Grand Total (A+B)										

3.5 Production and supply of Technological products during 2016-17

A. SEED MATERIALS

Major group/class	Crop	Variety	Quantity (qt)	Value (Rs.)	Number of recipient/ beneficiaries		
					General	SC/ST	Total
CEREALS	Sali Paddy	Gitesh	60.0	198000.00	Stock is ready to sale		
		Shraboni	40.0	104000.00	Stock is ready to sale		
		Ranjit	1.41	4653.00	Stock is ready to sale		
		Ranjit sub-1	1.1	3630.00	Stock is ready to sale		
		Swarna Sub-1	0.65	2145.00	Stock is ready to sale		
		BR11 sub -1	0.93	3069.00	Stock is ready to sale		
OILSEEDS	Toria	TS-38	14.0	98000.00	Stock is ready to sale		
	Linseed	Shekhar	0.50	2250.00	Stock is ready to sale		
	Kharif Sesamum	Nagaon local	0.27	3780.00			
PULSES	Greenram	Pratap	1.12	9100.00			20 nos farmer
	Blackgram	PU-31	0.17	2150.00			5 nos farmer
OTHERS (Specify)	Dhaincha	S.acculeata	0.18	1080.00			

A1. SUMMARY of Production and supply of Seed Materials during 2016-17

Sl. No.	Major group/class	Quantity (ton.)	Value (Rs.)	Number of recipient/ beneficiaries		
				General	SC/ST	Total
1	CEREALS	10.409	315497.00			
2	OILSEEDS	1.477	104030.00			
3	PULSES	0.129	11250.00			
4	OTHERS	0.018	1080.00			
TOTAL		12.033	431857.00			

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
Spices	Turmeric	Megha Turmeric 1	1.49 q	7450.00			

B1. SUMMARY of Production and supply of Planting Materials (In Lakh) during 2016-17

Sl. No.	Major group/class	Numbers (In Lakh)	Value (Rs.)	Number of recipient beneficiaries		
				General	SC/ST	Total
1	Spices	1.49q	7450.00			
TOTAL		1.49q	7450.00			

C. Production of Bio-Products during 2016-17

Major group/class	Product Name	Species	Quantity		Value (Rs.)	Number of Recipient /beneficiaries		
			No	(Kg)		General	SC/ST	Total
BIOAGENTS								
BIOFERTILIZERS								
	Azotobacter	-	-	50	3750	-	-	78
	Azospirillum	-	-	50	3750	-	-	68
	PSB	-	-	76	3750	-	-	135
	Rhizobium	*Blackgram, greengram,Pea*	-	50	3750	-	-	45
BIO PESTICIDES			-					
1Bioveer	Bioveer	*Trichoderma viridae*	-	5	375	-	-	15

C1. SUMMARY of production of bio-products during 2016-17

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	*Azotobacter*	-	50	3750	-	-	78
		Azospirillum	-	50	3750	-	-	68
		PSB	-	76	3750	-	-	135
		Rhizobium	-	50	3750	-	-	45
3	BIO PESTICIDE	*Trichoderma viridae*		5	375	-	-	15
4	Azolla	*A. Caroliliana*	-	1	-	-	-	5
5	Vermicompost	-	-	1000	-	-	-	45

D. Production of livestock during 2016-17

Sl. No.	Type of livestock	Breed	Quantity		Value (Rs.)	Number of Recipient beneficiaries		
			(Nos)	Kgs		General	SC/ ST	Total
1	**Goat**	**Beetal**	**3**	**-**		**Rearing for breeding purpose**		
2	**Fisheries**	**IMC**		**24.5**	**1960.00**			

D1. SUMMARY of production of livestock during 2016-17

Sl. No.	Livestock category	Breed	Quantity		Value (Rs.)	Number of Recipient beneficiaries		Total number of Recipient beneficiaries
			Nos	(kg)		General	SC/ST	
1	SHEEP & GOAT	**Beetal**	**3**	**-**	**-**	**Rearing for breeding purpose**		
2	FISHERIES	**IMC**		**24.5**	**1960.00**			
	TOTAL		**3**	**24.5**	**1960.00**			

3.6. Literature Developed/Published (with full title, author & reference) during 2016-17

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

(B) Articles/ Literature developed/published

Item	Title /and Name of Journal	Authors name	Number of copies
Research papers	Effect of high stocking density of Indian major carps on growth, survival and production in polyculture system. *J. Inland Fish Soc. India, 48(2),2016*	Mr. Dhiren Ch. Nath & Dr. K. Kalita	-
	Phosphorus fractions in soils of Transect of Kohora watershed of Assam, India (2016). Asian Journal of Chemistry. Vol. 28 (9). 2009-2012	Seema Bhagowati & K. N. Das	
	Sorption and Desorption of phosphate on soils of Kohora Watershed of Assam, India (2016). Asian Journal of Chemistry. Vol. 28 (9). 2111-2121	K. N. Das & Seema Bhagowati	
	Phosphorus forms and sorption characteristics in soils of a	K. N. Das & Seema Bhagowati	

	tracsect of Kohora watershed of Assam, India (2016) Indian Journal of Current Research. Vol. 8(II). 41571-41579		
Training manuals			
Technical Report			
Book/ Book Chapter	1.Book name: Recent Advances in Medicinal Plant Research 2.Use of Biofertilizer in Pulse Crop 3.Use of BioPesticide in Pulse Crop	Bonti Gogoi Seema Bhagowati, Bonti Gogoi ,Sibani Das Sibani Das, Seema Bhagowati, Bonti Gogoi ,	
Popular articles	Biodiversity Conservation	Bonti Gogoi	1

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

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number produced

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)

Mr. H. Biswas having 8 bighas of land was a traditional rice grower since 1993. But he realized that sole dependence on traditional crops was not enough to solve the monetary problem of his family. So he collected information on various crops by visiting different locations inside and outside states. In between, he visited one of famous floriculture city Kolkata to visit his uncle and got the inspiration of growing flowers in home-yard and gardens. Initially it was not possible for him to spare his whole cultivable land for growing flower. So, he thought of utilizing the rice- fallow for flower cultivation. This is where Mr. Biswas has realized of innovation in traditional agriculture. The entire activity involved lot of painstaking effort in the form of convergence of normal rice land into floricultural land. But he didn't give up and in 1998 with the support from his wife started his first flower crop as "Marigold" after harvesting Sali rice. He collected local cultivars from Kolkata. He and his wife prepared garlands during evening hours and started selling as a local seller around the villages in his cycle. Though he didn't get

social acceptance and people rebuked him calling **"Maali"** (Gardener). But he was so much attracted to flowers; he didn't stop cultivating flowers due to his keen interest.

Mr. H. Biswas's income generation was very low due to lack of proper knowledge and technology about floriculture. At Hojai in 2010 somehow he came in touch with KVK Nagaon through a horticultural training programme. His interest on floriculture really attracted the KVK people. Seeing his hard-work and interest, he was taken up by KVK Nagaon as a good flower grower. Since then varoius on-farm testing and front line demonstration programmes were taken up by KVK Nagaon in his land. He started cultivating different flower crops like tuberose, gerbera, rose and marigold. The marigold variety used by him was a local variety which doesn't have a longer shelf life, seasonal and the flower bud is not compact. He realized that there is dearth period of growing marigold during rainy season.

The marigold variety *Seracole* with shelf life 7-10 days and perennial in nature was introduced in his field by KVK Nagaon and that was the turning point for him. The cut flowers of *seracole* variety fetched higher market price and he could produce flowers throughout the year. Now he owns 3 bigha of land specially occupied for flowers, 1 bigha for arecanut plantation and 4 bigha for rice. Within a year (From planting seedlings to harvesting) he obtained a yield of 3856 kg of marigold flowers /ha.His income is about 2.7 laks per annum from all the components. All his income is utilized for family, livelihood and agriculture purpose. His success encouraged the neighbouring vegetable growers and more than 10 no's of farmers & Rural youth are coming forward to adopt this cost effective commercial cultivation of flowers for their livelihood security and entrepreneurship development.

OFT CONDUCTED IN BISWAS FARM ON KHARIF MARIGOLD VAR. SERACOLE DURING 2014-15

FLD ON GLADIOLUS VAR. RED CANDIMEN AT MR. H. BISWAS FARM CONDUCTED BY KVK, NAGAON,DURING 2015-16

Economics of Marigold cultivation in Hojai in Nagaon District

Economics of marigold cultivation (Rs/ha) in Hojai (Nagaon)

SL.No	Item Cost	Cost(Rs/ha)
1.	Cost of Cultivation	52385.00
2.	Gross Return	192800.00
3.	Net Return	140415.00
4.	Cost Benefit Ratio	3.6

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

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	Coconut and Arecanut	A plain sheet is wrapped in the coconut tree at the height of 6 to 7 feet from the ground. If Squirrel tries to go up in the plants due to slippery surface of the plain sheet they cannot climb up. They also get scared due to the reflection of the sun rays emitted from the plain sheet.	For control of Squirrel in coconut

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

- Identification of courses for farmers/farm women: Through Group discussion, PRA survey, Field Visit
- Rural Youth : Through Group discussion, PRA survey
- In-service personnel : Through Group discussion

3.11 Field activities

i. Number of villages adopted : 2

ii. No. of farm families selected : 450

iii. No. of survey/PRA conducted : 2

3.12. Activities of Soil and Water Testing Laboratory

1. Year of establishment : 2006-07
2. List of equipments purchased with amount :

Sl. No	Name of the Equipment	Qty.	Cost
1	Auto Analyzer	1	248484.00
2	Mechanical Shaker (150ml cap)	1	22278.00
3	Water Distillation Set	1	39280.00
4	Plant Sample Grinder	1	15750.00
5	Spectrophotometer	1	26424.00

6	pH meter	1	8307.00
7	Conductivity meter	1	9757.00
8	Hot plate	1	3375.00
9	Pen pH meter	1	3000.00
10	Chemical Balance	1	32500.00
11	Physical Balance (5.0kg)	1	4500.00
12	Physical Balance (2.5 kg)	1	3000.00
13	Mechanical Shaker	1	18563.00
14	Hot Air Oven	1	21330.00
15	Flame Photo meter	1	25301.00
16	Refrigerator	1	14062.00
17	Hot air oven	1	36888.00
18	BOD incubator	1	122131.00
19	Rotary Checker	1	28375.00
20	Electronic Balance	1	9591.00
21	Pocket Ph Meter	1	2270.00

Sl. No	**Name of the Equipment**			**Qty.**
	S&WT lab	**Mini lab/ Mridaparikshak**	**Manufacturer**	
1	1	2	Nagarjuna.Agro Chemicals_PvLLtd., Hyderabad	2

3. Details of samples analyzed (2016-17) :

Details	**No. of Samples analysed**	**No. of Farmers**	**No. of Villages**	**Amount (In Rupees) realized**
Soil Samples	1750	1750	73	20350
Water Samples				
Plant Samples				
Petiole Samples				
Total				

4. Details of Soil Health Cards (SHCs) (2016-17)

a. No. of SHCs prepared: 1750

b. No. of farmers to whom SHCs were distributed:1750

c. Name of the Major and Minor nutrients analysed: pH, OC, N, P, K, S, Zn, B

d. No. of villages covered: 73

e. Soil health card based nutrient management in different crops (pl. submit in brief in separate page)

	GG*/BG*	RD* (kg/bigha)	VL*	L*	M*	H*	VH*			VL	L	M	H	VH
Nitrogen	Urea	3	5	4	3	2	2		Urea	0	0	0	0	0
Phosphors	SSP	30	45	38	30	23	15		DAP	15	12	10	8	5
Potasium	MOP	15	23	19	15	11	8		MOP	23	19	15	11	8
	Rapseed	RD (kg/bigha)	VL	L	M	H	VH			VL	L	M	H	VH
Nitrogen	Urea	12	18	15	12	9	6		Urea	12	10	8	6	4
Phosphors	SSP	30	45	38	30	23	15		DAP	15	12	10	8	5
Potasium	MOP	4	5	4	4	3	2		MOP	5	4	4	3	2
	Rice	RD (kg/bigha)	VL	L	M	H	VH			VL	L	M	H	VH
Nitrogen	Urea	17.36	26.04	21.70	17.36	13.02	8.68		Urea	23	19	15	11	8
Phosphors	SSP	16.67	25.01	20.84	16.67	12.5	8.34		DAP	9	8	6	4	3
Potasium	MOP	8.91	13.37	11.14	8.91	6.68	4.46		MOP	13	11	9	7	5

*GG/BG = Greengram/Blackgram
*RD = Recommended dose
*VL = Very low
*L = Low
*M = Medium
*H = High
*VH = Very high

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

Message type	Crop		Weather		Awareness		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
Text only	52	550	65	240	61	129	178	919
Total	**52**	**550**	**65**	**240**	**61**	**129**	**178**	**919**

3.14 Contingency planning for 2016-17

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**
Drought	Introduction of new variety or crop 1. Introduction of New variety GITESH	10 ha	15	10	25
	Introduction of Resource Conservation Technologies 1. SRI Technique in Sali rice 2. Direct seeding of Sali rice	6 ha 5ha	8 10	4 5	12 15
Flood	**Distribution of seeds and planting materials**	**10.0**	**15**	**2**	**17**

a. Livestock based Contingency planning

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

4.0. IMPACT

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

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Gerbera – Red Gem ,Red Monarch	-	Gaining popularity day by day	-	-
Training and Prunning in Assam Lemon	-	Gaining popularity day by day	-	-
Fertilizer Application in Coconut and Arecanut	-	20%	-	-
Gladiolus	-	Gaining popularity day by day	-	-
Popularize vegetable crop Broccoli	-	8%	-	-
Vermicomposting	-	15%	-	-
Sali Rice variety (Ranjit)	-	60%	-	-
Boro Rice(Var: Swarnav, Dinanath)	-	15%	-	-
SRI Practice in rice	-	5%	-	-
Toria variety TS-36, TS-38, M-27)	-	45%	-	-
Jute variety (Tarun)	-	15%	-	-
Greengram Variety (Pratap)	-	20%	-	-
Mushroom Cultivation	-	Gaining popularity day by day	-	-
Honey bee rearing	-	Gaining popularity day by day	-	-
T-perch technology	-	Gaining popularity day by day	-	-
Ginger Candy Preparation	-	5%	-	-
French Bean – Arka Anoop and Arka Komal	-	Gaining popularity day by day	-	-
Training and Prunning in Assam Lemon	-	Gaining popularity day by day	-	-
Fertilizer Application in Coconut and Arecanut	-	20%	-	-
Application of lime in Oilseeds and Pulses	-	20 %	-	-
Use of Bio Fertilizer in Rice and Pulse	-	Gaining popularity day by day		

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

4.2. 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

Study 1. Performance of Women SHGs: A study in Nagaon District of Assam.

Result:

113 nos of women SHGs were studied in Phulaguri of Nagaon District. The findings revealed that, out of the SHG studied, 35% belonged to Medium performer and 65% belonged to low performer. No body was found in high performance group.

Problem faced by the SHGs:

1. Lack of leadership ability among the members to run the group
2. Difficulty in maintaining accounts
3. Conflict arising during decision making process
4. Non-cooperation from male members of the family while managing both household activities and group activities.
5. Lack of knowledge and skill of different entrepreneurial activities.
6. Shortage of Fund to start economic activities
7. Poor risk absorbing capacity. (Most SHGs who received revolving fund from the Block, keep the amount in fixed deposit for interest only. They do not go for any economic activities. Some of the group divides the amount among the members.)
8. Poor in credit management. (Most of SHGs were involved only in giving the loan to its members and others of their locality from their group savings).

5.0. LINKAGES ESTABLISHED

5.1 Functional linkage with different organizations

Name of organization	Activities/ programmes	Nature of linkage
1.Kaliabor College, Nagaon	Training	Resource Person
RUDSETI	Training	Resource Person
	Production and management technology of fruit crops	Resource person
3. DAO ,Nagaon	Awareness programme- Swarming Caterpillar, Brown Plant Hopper, Nursery Management, Awareness programme on K deficiency in rice and vegetables	Resource Person
4. SDAO, Kaliabor	Ceremonial distribution of SHC	Resource Person

5. SDAO, Raha	Demontration on Use of Mridaparikshak	Resource Person
5. Bhartiya Kisan Sangh	Exhibition	-
6. KASS and NASS	Farmer's Scientist Interaction	Resource person
7. IFFCO, Nagaon	Involved in Training and other programmes	Resource person
8. NABARD, Nagaon	Involved in Training and other programmes	Resource person

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 2016-17

Cluster FLD (CFLD) on Oilseeds under NMOOP during 2016-17

Crop	No. of Farmers/ Demonstrations	Area	Average Yield (q/ha)		% Increase (Av.)	Average Cost of cultivation (Rs./ha)		Av. Benefit-Cost Ratio
		(ha)	**Demo**	**Check**		**Demo**	**Check**	
Linseed	51	20			Sun drying going on			
Sesamum	50	20	4.3	2.21	48.60	13772	15452	T1: 1.72 T2: 0.79
Toria	116	30	11.24	5.32	52%	18670	15665	T1: 2.22 T2: 1.06
Total	217	70						

Cluster FLD (CFLD) on Pulses under NFSM during 2016-17

Crop	No. of Farmers/ Demons	Area	Average Yield (q/ha)		% Increase	Average Cost of cultivation (Rs./ha)		Av. Benefit-Cost Ratio
		(ha)	**Demo**	**Check**	(Av.)	**Demo**	**Check**	
Black gram	75	30	Failed					
Cowpea								
Field Pea	93	30	6.21	4.48	38.61	21335	25114	T1:1.46 T2:0.89
French Beans								
Green gram	75	30	5.93	3.21	45.86	22344	26544	T1-2.12 T2-0.97

Lentil	74	20	7.11	4.23	69.28	35354	37555	T1:1.61 T2: 0.90
Any other (Pl. specify)- Lathyrus	65	20	8.16	5.12	59.37	22147	25186	T1:1.84 T2:1.02
Total	**382**	**130**						

5.3 Details of linkage with ATMA

a) Is ATMA implemented in your district Yes/No

Sl. No.	Programme	Nature of linkage	Remarks

5.4 Give details of programmes implemented under National Horticultural Mission

S. No.	Programme	Nature of linkage	Constraints if any

5.5 Nature of linkage with National Fisheries Development Board

S. No.	Programme	Nature of linkage	Remarks
1	**Skill development training on Composite fish & Integrated Fish farming to progressive fish farmers.**	**Financial support from NFDB**	**5 days skill development training programme was organized at KVK, Nagaon on 24th to 28 th JAN,2017 & 15th to 19th FEB,2017 in 2 batches comprising 25 nos. of farmers in each group.**

6. PERFORMANCE OF INFRASTRUCTURE IN KVK DURING 2016-17

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	Goatery			Beetal	3	3	-	-	Rearing for breeding purpose
2	Fishery			IMC	24.5 kg			1960.00	Ongoing

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									
Sali Rice	13.06.16	18.11.16	2.0	Gitesh	Foundation seed	60.0 q	28635.00		Stock is ready for sale
	10.06.16	25.10.16	1.0	Shraboni	Certified seed	40.0 q			
	13.06.16	20.11.16	0.02	Ranjit	Foundation seed	1.10 q			
	13.06.16	21.11.16	0.02	Ranjit sub -1	Foundation seed	1.41 q			
	13.06.16	21.11.16	0.02	Swarna Sub -1	Foundation seed	0.65 q			
	13.06.16	21.11.16	0.02	Br 11 sub-1	Foundation seed	0.93 q			
Any other									
Pulses									
Green gram	10.09.16	07.12.16	0.5	Pratap	Foundation seed	1.12 Q	2515.00	9100.00	Damaged due to YMV
Black gram	11.09.16	09.12.16	0.5	PU-31	Foundation	0.17	2000.00	2150.00	Crop damaged

					seed	q			by severe YMV
Greengram	05.03.17	-	0.5	Pratap	Foundation seed	-	-	-	On going
Blackgram	05.03.17	-	0.5	PU-31	Foundation seed	-	-	-	On going
Dhaincha	20.03.16	10.11.16	0.26	S.acculata	TL	0.18 Q		-	Used for farm land development
Dhaincha	22.03.17	-	0.52	S.acculata	TL	-	-	-	On going
Oilseeds									
Toria	18.10.16	30.01.17	2.0	TS -38	Foundation seed	12.0 q	14950.00		Stock is ready to sale
Toria	02.12.16	10.03.17	1.0	TS-67	Foundation seed	2.0 q			
Linseed	06.11.16	25.03.17	0.5	Shekhar	Foundation Seed	0.50 q	-	-	Damaged due rain at harvest stage
Spices & Plantation crops									
Turmeric	04.04.16	14.12.16	0.026	Megha turmeric 1	TL	1.49	3500.00	-	Stock is ready to sale

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	Biofertilizer	226	-	16950	-
2	Bioveer	5	-	375	-

6.4 Performance of instructional farm (livestock and fisheries production)

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	
1	Goatery	Beetal		3			Rearing for breeding purpose
2	Fishery	IMC		24.5 kg			On going

6.5 Rainwater Harvesting

Training programmes conducted by using Rainwater Harvesting Demonstration Unit

Date	Title of the training course	Client (PF/RY/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 2016-17

Accommodation available (No. of beds) :

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	SBI	Jorhat	10253820770
With KVK	SBI	Nagaon	10965237291
Revolving Fund	SBI	Nagaon	30620713843

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

Item	Released by ICAR/ZPD		Expenditure		Unspent balance as on 31st March, 2015
	Year	Year	Year	Year	
Inputs					
Extension activities					
TA/DA/POL etc.					
TOTAL					

7.3 Utilization of KVK funds as per Revised Budget Estimate 2016-17

S. No.	Particulars	Sanctioned (in Lakh)	Released (in Lakh)	Expenditure (in Lakh)
A. Recurring Contingencies				
1	**Pay & Allowances**	101.20	93.50	93.50
2	**Traveling allowances**	2.50	1.66	1.66
3	**HRD**	1.50	Available at HQ	
4	**Contingencies**			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	3.50	1.10	1.10
B	POL, repair of vehicles, tractor and equipments			
C	Meals/refreshment for trainees	14.00	12.00	12.00

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)		**122.70**	**108.26**	**108.26**
B. Non-Recurring Contingencies				
1	**Works**			
	Admin Building	36.38	Available at HQ	
2	**Equipments including SWTL & Furniture**	0.80	Available at HQ	
3	**Vehicle** (Four wheeler/Two wheeler, please specify)			
4	**Library** (Purchase of assets like books & journals)	0.75	Available at HQ	
TOTAL (B)		**37.93**		
C. REVOLVING FUND		0.00		
GRAND TOTAL (A+B+C)		**160.63**	**108.26**	**108.26**

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year
April 2014 to March 2015	2.44619	4.68957	3.04097	4.09479
April 2015 to March 2016	1,66125	5,00716	4,23804	4,01912
April 2016 to March 2017	4,01912	5,81101	3,94740	3,86361

Note: No KVK must leave this table blank

8.0 Please include information which has not been reflected above.

(Write in detail)

8.1 Constraints

(a) Administrative : 1. Requirement of one Programme Assistant (Computer).

(b) Financial : 1. May be increased under recurring contingency.

(c) Technical : 1. One Laptop and Desktop computer with accessories is required

2. One High resolution camera is required.

(d) Others : 1. A new tractor with accessories is required as the old only tractor (purchased in 2000) often goes out of order.

2. For irrigation, one pump (diesel operated) is required.

3. Fencing around the 2nd farm of the KVK (780 m) is required.

4. One more vehicle is required preferably 10-12 seater.

5. One heavy duty UPS (8-10 KW) is required for standby due to frequent power cut.

6. One two wheeler motor bike is required.

(Signature)

Head

KVK Nagaon